



CENTRAL UNIVERSITY OF TAMIL NADU

# KNOW OUR FACULTY

FACULTY HANDBOOK 2023

CENTRAL UNIVERSITY OF TAMIL NADU

# KNOW OUR FACULTY

FACULTY HANDBOOK 2023



## ABOUT THIS HANDBOOK...

**W**elcome to this faculty handbook of CUTN! It is presented as an accessible and resourceful document to KNOW OUR FACULTY!

Designed to be your indispensable companion, this captivating guide will immerse you in the enigmatic realm of our esteemed faculty members—the very backbone of our institution.

We post our gratitude to Prof. N. Gopalan, Department of Epidemiology and Public Health, CUTN, for the aboriginal idea of a faculty handbook and his initial efforts. His ingenuity and tireless efforts laid the foundation for this remarkable resource.

We also thank Dr. S. Dhanavandan, Deputy Librarian, CUTN, for providing Scopus data.

Within these pages, you will discover a treasure trove of meticulously curated information, expertly presented in a delectable format

for easy consumption. We owe a debt of gratitude to the CUTN administration and all those who have contributed to the swift creation of this comprehensive compendium, especially the faculty members who have presented their professional information for this reference document. Embark on a journey of knowledge as you delve into the professional lives and accomplishments of our esteemed faculty.

Whether you are an inquisitive student, a diligent researcher or simply seeking to familiarise yourself with our intellectual luminaries, this handbook promises to be your faithful guide.

We extend our heartfelt thanks to you for choosing to explore this document. So, sit back, relax and immerse yourself in the captivating world of our faculty. Happy reading! ●

## CONTENTS

<b>Message from the Vice-Chancellor</b>	<b>1</b>
Behind this Handbook	2
Messages from the Statutory Officers	3
Deans	4-5
<b>School of Basic and Applied Sciences</b>	<b>6-45</b>
Department of Chemistry	6-23
Department of Physics	24-45
<b>School of Behavioural Sciences</b>	<b>46-55</b>
Department of Applied Psychology	46-55
<b>School of Commerce and Business Management</b>	<b>56-97</b>
Department of Commerce	56-69
Department of Management	70-85
Department of Tourism and Hospitality Management	86-97
<b>School of Communication</b>	<b>98-121</b>
Department of Library and Information Science	98-107
Department of Media and Communication	108-121

<b>School of Earth Sciences</b>	<b>122-143</b>
Department of Geography	122-131
Department of Geology	132-143
<b>School of Education and Training</b>	<b>144-173</b>
Department of Education	144-159
Department of Physical Education and Sports	160-173
<b>School of Integrative Biology</b>	<b>174-195</b>
Department of Biotechnology	174-195
<b>School of Legal Studies</b>	<b>196-203</b>
Department of Law	196-203
<b>School of Life Sciences</b>	<b>204-243</b>
Department of Epidemiology and Public Health	204-213
Department of Horticulture	214-227
Department of Microbiology	228-243
<b>School of Mathematics and Computer Sciences</b>	<b>244-289</b>
Department of Computer Science	244-253
Department of Mathematics	254-275
Department of Statistics and Applied Mathematics	276-289
<b>School of Performing Arts and Fine Arts</b>	<b>290-301</b>
Department of Music	290-301

# CONTENTS

<b>School of Social Sciences and Humanities</b>	<b>302-341</b>
Department of Economics	302-317
Department of English Studies	318-333
Department of Hindi	334-341
Department of History	342-353
Department of Social Work	354-363
Department of Tamil	364-379
<b>School of Technology</b>	<b>380-393</b>
Department of Materials science	380-393



## MESSAGE FROM THE VICE-CHANCELLOR

For an educational institution, the faculty members are the building blocks. As part of an educational institution of higher standard, we also firmly recognise that the faculty members are the fundamental pillars upon which our success is built. It is with great pride and admiration that we present this faculty handbook, a testament to the remarkable intellectual prowess and dedication of our acclaimed teachers.

We hold our faculty members on a high pedestal. We appreciate their unwavering commitment, selfless service and enduring passion for teaching and inspiring students—thereby contributing to the larger society. In an incredibly short span of time, our university has reached remarkable milestones, experiencing rapid growth in faculty recruitment, the launch of new departments, establishment of schools, introduction of innovative programmes, development of cutting-edge curricula and student enrollment. From a modest start of one department and eight students in 2009, we have now crossed the 2,000 mark, with 28 Departments in 13 Schools offering 64 programmes. This

phenomenal growth would not have been possible without the wholehearted involvement of our exceptional faculty members.

As a result of this rapid expansion, we have secured top positions in prestigious ranking lists and have excelled in numerous specialised areas of research. As the name of our institution, CUTN, echoes across the historic city of Thiruvavur and gains global recognition, I firmly believe that this handbook, which showcases the professional lives and remarkable accomplishments of our prominent faculty members, will serve as a powerful source of inspiration for our entire academic community, encouraging them to strive for excellence in their educational experiences.

We extend our heartfelt appreciation to all those who contributed to the creation of this outstanding document. Your efforts have captured the essence of our institution and will undoubtedly contribute to our ongoing journey towards greatness. Thank you! ●

**Prof. Dr. M. Krishnan**  
Hon'ble Vice-Chancellor

PAGE  
001

CENTRAL UNIVERSITY OF TAMIL NADU

**KNOW OUR  
FACULTY**  
FACULTY HANDBOOK 2023

## BEHIND THIS HANDBOOK

### EDITORIAL TEAM

**Prof. E. M. Shankar**, Editor, Department of Biotechnology  
**Dr. Francis Barclay**, Associate Editor, Department of Media and Communication  
**Dr. B. J. Geetha**, Associate Editor, Department of English Studies  
**Dr. J. Rajesh Banu**, Assistant Editor, Department of Biotechnology  
**Dr. S. Rameshkumar**, Assistant Editor, Department of Commerce  
**Dr. V. Gunasekaran**, Assistant Editor, Department of Materials Science

### CONCEPT AND DESIGN

**Dr. Francis Barclay**, Department of Media and Communication

### LAYOUT ARTISTS

**Ms. Ramya R.**, Professional Assistant (Library)  
**Mr. Girishwaran P.**, Junior Professional Assistant (IT)  
**Ms. Haritha Harilal**, Research Scholar, Department of Media and Communication  
**Ms. Thrisha T.**, Department of Media and Communication  
**Ms. Shamyuktha T.**, Department of Media and Communication  
**Ms. Harini J.**, Department of Media and Communication  
**Ms. Rieugleen R.**, Department of Media and Communication  
**Ms. Harini D.**, Department of Media and Communication  
**Ms. Preeti J.**, Department of Media and Communication  
**Ms. Akalya S.**, Department of Media and Communication  
**MMr. Saruheshwaran S.**, Department of Media and Communication  
**Ms. Solaipriya M.**, Department of Media and Communication

### PHOTO EDITORS

**Mr. Praveen V.**, Department of Media and Communication  
**Mr. Gowdhaman S.**, Department of Media and Communication



**Prof. R. Thirumurugan**  
Registrar

Faculty members play a pivotal role in shaping the educational experience of students.

This book stands as a testament to the remarkable individuals who, through their unwavering commitment, expertise and passion for teaching and research, enrich the lives of those they interact with daily. Within these pages, you will embark on a journey of discovery, delving into the diverse backgrounds, research endeavours and teaching philosophies of our esteemed faculty members.



**Prof. Sulochana Shekhar**  
Controller of Examinations

This book offers a glimpse into the multifaceted talents, academic pursuits and profound dedication of our faculty. Beyond their roles as educators, these individuals serve as mentors, guides and inspirations, fostering an environment that encourages curiosity, critical thinking and lifelong learning. May this book serve as a bridge, fostering a deeper connection between our faculty and the broader community, and as a tribute to the tireless efforts and invaluable contributions of these remarkable individuals.



**CAG. R. Giridharan**  
Finance Officer

I extend my sincerest gratitude to each member of the editorial team for your unwavering dedication, hard work and commitment to excellence. Your contributions have been invaluable and have undoubtedly made this publication a true representation of the talent and dedication within CUTN.



**Dr. R. Parameswaran**  
Librarian

I am happy to know that the CUTN is publishing the faculty profile handbook of the Central University of Tamil Nadu. I hope this profile book will propagate the Academic strength of CUTN.

I wish Prof. E. M. Shankar and his team for all success in this great effort.

# DEANS



**Prof. S. Nagarajan**  
Dean (Academics)



**Prof. A. Selvam**  
Dean (Student's Welfare)



**Prof. P. Ravindran**  
Dean (Research)



**Prof. T. Mohandas**  
School of Basic and Applied Sciences



**Prof. G. Sudha**  
School of Commerce and  
Management



**Prof. G. Ravindran**  
School of Communication



**Prof. Sulochana Shekhar**  
School of Earth Sciences

# DEANS



**Prof. P. Srinivasan**  
School of Education and Training



**Dr. P. S. Velmurugan**  
School of Legal Studies



**Prof. E. M. Shankar**  
School of Life Sciences



**Prof. T. Sengadir**  
School of Mathematics and  
Computer Sciences



**Dr. V. Premalatha**  
School of Performing Arts  
and Fine Arts



**Prof. P. Velmurugan**  
School of Social Sciences  
and Humanities



**Dr. K. Sethuraman**  
School of Technology

**SCHOOL OF BASIC AND  
APPLIED SCIENCES**



**Prof. S. Nagarajan**  
Professor & Head



**Prof. T. Mohan Das**  
Professor



**Dr. Shiva Prasad M.**  
Assistant Professor



**Dr. R. Ranjith Kumar**  
Associate Professor



**Dr. Prabha Vadivelu**  
Assistant Professor



**Dr. Rajendiran V.**  
Associate Professor



**Dr. John Prakash**  
Assistant Professor



**Dr. Vittal Babu Gudimetla**  
Assistant Professor



**Dr. S. G. Ramkumar (On-Lien)**  
Assistant Professor

**DEPARTMENT  
OF CHEMISTRY**

**DST-FIST SPONSORED DEPARTMENT**



Professor

HIGHEST DEGREE

Ph.D. in Organic Chemistry in 1995 Annamalai University

## PROF. S. NAGARAJAN

Prof Nagarajan joined the Central University of Tamil Nadu in 2012, and currently holds the position of Head of the Department of Chemistry. He was the first faculty appointed to the department and has served as the founding Head from 2013 to 2019. He has contributed significantly to the university, taking on key roles such as the Dean of the School of Basic and Applied Sciences from 2016 to 2021, Dean of Students' Welfare from 2017 to 2021, the Controller of Examinations (i/c) from 2021 to 2023, and presently, he serves as the Dean of Academics at CUTN. His academic journey includes obtaining a BSc (Chemistry) from Pioneer Kumaraswamy College, Nagercoil, and completing his MSc (Organic Chemistry) and PhD (Chemistry) from Annamalai University. Following his graduation, he joined Annamalai University as a faculty member. During his academic career, he gained international exposure as a Postdoctoral Fellow at the Nanoscience

group of CEMES-CNRS in Toulouse, France, and as a Guest researcher at the International Center for Materials Nanoarchitectonics (MANA), NIMS, Tsukuba, Japan. His exemplary contributions were recognized with the prestigious BOYSCAST Fellowship, awarded by the Ministry of Science and Technology, Govt. of India. He also received the Young Scientist Fellowship from the Tamil Nadu State Council for Science and Technology, and the CSIR Research Fellowship, New Delhi. His achievements also include becoming a Fellow of the Royal Society of Chemistry, the Indian Chemical Society and the Fellow of the Academy of Sciences, Chennai. With an impressive scholarly record over the course of his career, he has successfully supervised 15 PhD scholars, 22 MPhil candidates, and three Postdoctoral Scholars. In recognition of his research endeavors, Prof Nagarajan secured a research grant totaling Rs. 160 Lakhs from prestigious funding bodies such as DST, CSIR, UGC, and industry. ●

RESEARCH

RESEARCH AREAS  
Organic Synthesis and Organic Electronic Materials.

GOOGLE SCHOLAR

Citations 2.5K | H-Index 27 | i10index 63

RESEARCH

Papers 117

SCOPUS

Citations 1844

H-Index 22

SEVEN PROJECTS WORTH RUPEES

160 LAKH

### FACULTY HIGHLIGHTS

1

Fellow of Royal Society of Chemistry (FRSC).



2

Fellow of the Indian Chemical Society.

3



Recipient of Silver medal - Indian Association of Solid-state Chemists and Allied Scientists (2011), New Delhi.

4

Guest researcher, International Center for Materials Nanoarchitectonics (MANA), NIMS, Tsukuba, Japan (2010 &amp; 2011).

5

BOYSCAST Fellow, awarded by Ministry of Science and Technology, worked with Nanoscience group of CEMES- CNRS, Toulouse, France.



### TOP PUBLICATIONS

Strategical design and synthesis of D–A–D-based quinolines for improved WORM memory performance. *Journal of Materials Chemistry C*, 2023;11:110310.

Tailoring the resistive switching WORM memory behavior of functionalized bis(triphenylamine). *ACS Applied Materials and Interfaces*, 2023;15(19):23546–56.

Highly sensitive organic electrochemical transistor for detection of stress-induced cation leakage from plant cells. *Biosensors and Bioelectronics*: X, 2022;12: 100251.

Self-assembly of five-fold-symmetric molecules on a threefold-symmetric surface. *Angewandte Chemie, International Edition*, 2009;48 (11): 1970-1973.

TOTAL INDUSTRY EXPERIENCE IN YEARS 0

TOTAL TEACHING AND RESEARCH EXPERIENCE IN YEARS 27

BOOKS 02

BOOK CHAPTERS 06

JOURNAL ARTICLES 119





Professor

HIGHEST DEGREE

Ph.D. in Organic Chemistry in 2000

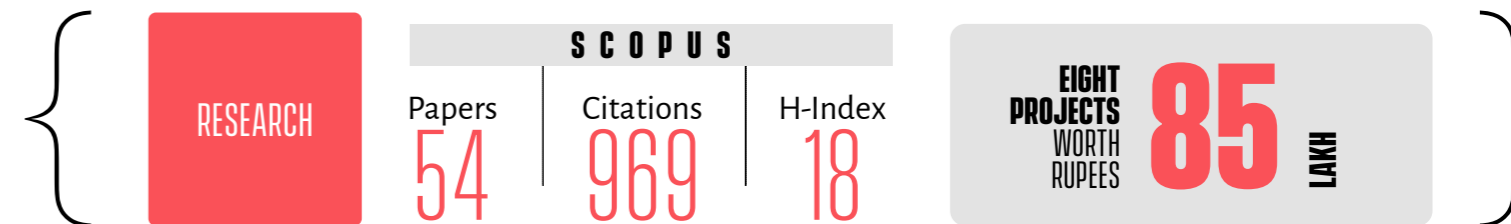
Indian Institute of Technology Bombay

## PROF. T. MOHAN DAS

Prof Mohan Das completed his undergraduate and post graduate degrees from Gandhigram Rural Institute, Dindigul and the American College, Madurai respectively. He received his doctoral degree from IIT Bombay, Mumbai, India under the guidance of Prof CP Rao. He moved over to National Chung-Hsing University (NCHU), Taiwan and worked with Prof Der-Hang Chin on 'Anti-cancer drug: Neocarzinostatin.'

He worked for another one year at National Tsing-Hua University, Taiwan with Prof JR Hwu and carried out studies on 'Silicon assisted photochemical reactions.' After successful completion of post-doctoral research, he joined the Department of Organic Chemistry, University of Madras in the year 2004. He is a recipient of Young Scientist award from DST

Young Scientist Scheme. Prof Das was awarded with Dr HC Srivastava Memorial Award in the year 2015 by Association of Carbohydrate Chemists and Technologists of India (ACCTI) and also executive member of ACCTI. Later in the year 2013, he moved to Central University of Tamil Nadu as Associate Professor and in 2017, he was promoted to Professor. He is currently working as a professor in the Department of Chemistry and Dean, School of Basic Sciences, Central University of Tamil Nadu, Thiruvavur, Tamil Nadu, India. He has guided eleven PhDs and successfully completed 8 research projects and filed one Indian patent. He has published more than 80 research articles in international peer reviewed journals. His research group is working in the area of 'Carbohydrate Chemistry.' ●



### FACULTY HIGHLIGHTS

- 1 Recipient of DST Young Scientist Scheme from the Department of Science and Technology, New Delhi.
- 2 One of his articles published in New Journal of Chemistry is recognized as the top 10 most read article of the journal.
- 3 Recipient of Dr H C Srivastava Memorial Award in the year 2015 by Association of Carbohydrate Chemists and Technologists of India (ACCTI)
- 4 Filed one Indian patent. Executive Council member of the Association of Carbohydrate Chemists and Technologists, India (ACCTI).

### TOP PUBLICATIONS

**Synthesis of aryl azobenzene-based sugar derivatives for organogelators and the colorimetric detection of Cu<sup>2+</sup> metal ions.** *ACS Industrial and Engineering Chemistry Research*, 2023;62(33): 13034–13045.

**Unveiling electrocatalytic performance of MnCo-P on sulfur-doped reduced graphene oxide for electrochemical detection of acetaminophen.** *Surfaces and Interfaces*, 2023; 37:102681.

**Smart supramolecular photoresponsive gelator with long-alkyl chain azobenzene incorporated sugar derivatives for recycling aromatic solvents and sequestration of cationic dyes.** *Soft Matter*, 2022;18:9017-9025.

**RESEARCH AREAS**  
Synthetic Organic Chemistry, Carbohydrate Chemistry, Gel Chemistry, Soft Matter, Bioorganic Chemistry and Materials

### GOOGLE SCHOLAR

Citations 1.1K | H-Index 20 | i10index 35





Associate Professor

HIGHEST DEGREE

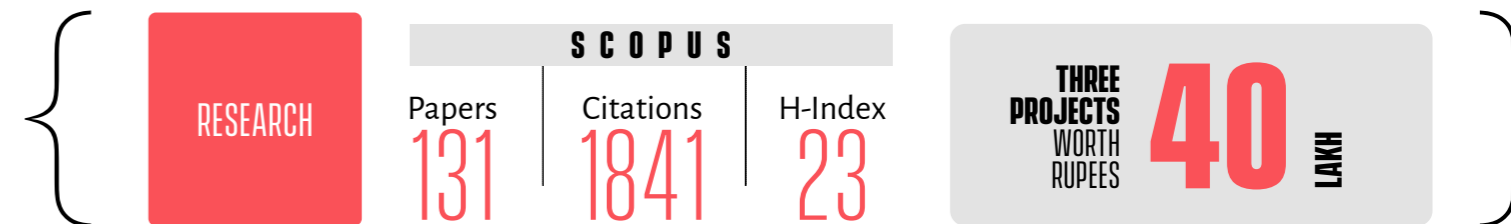
Ph.D. in Chemistry in 2008  
Madurai Kamaraj University

## DR. R. RANJITH KUMAR

**D**r Ranjith Kumar (RRK) received PhD in Chemistry from the Madurai Kamaraj University in 2008. During 2008-09, he worked as a post-doctoral fellow under Prof Henri B Kagan at the University of Paris, France. RRK was awarded the Young Scientist Fellowship by the Department of Science and Technology, New Delhi, during 2009-10. On 18 March 2010, he started his career as an Assistant Professor in the Department of Organic Chemistry, Madurai Kamaraj University.

He was a Visiting Scientist at the Universidad Complutense, Madrid, Spain, in 2011. His dedication to teaching and research has not only inspired countless students but has also led to novel findings. In July 2017, he was honored with a citation award by MKU, appreciating his remarkable research contributions. His research group focuses on green chemical pro-

ocols like multi-component domino reactions and atom economic 1,3-dipolar cycloadditions. The group has succeeded in synthesizing compounds that exhibited anti-mycobacterial and AChE inhibitory activities. In recent years, his group has successfully synthesized small-molecule-based heterocyclic probes for the selective detection of aromatic nitro compounds and metal cations. These findings have resulted in publications in peer-reviewed journals of high impact. RRK moved to the Central University of Tamil Nadu as an Associate Professor in the Department of Chemistry on 1 Dec 2022. His present research interest is rooted in synthetic organic chemistry, particularly the synthesis of small-molecule fluorescent heterocyclic probes for sensor applications. RRK is a life member of the Chemical Research Society of India and the National Magnetic Resonance Society of India. ●

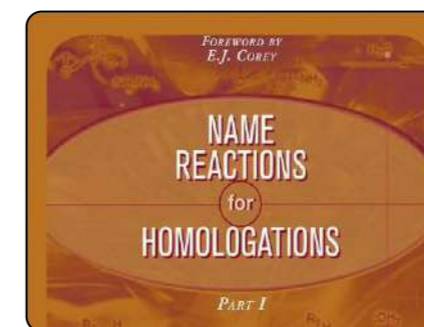


### FACULTY HIGHLIGHTS

1

Citation Award in appreciation of remarkable research contribution during January 2016-July 2017, by Madurai Kamaraj University on 15 July 2017 (Education Development Day)

2



Name Reactions for Homologation, Part 2 Chapter 1, March 2009, Wiley Publications (Ed.) Jie Jack Li

### TOP PUBLICATIONS

**Synthesis of epiminocyclohepta[b]pyrazolo[4,3-e]pyridines from tropinone: Fluorescent "Turn On-Off" chemosensors for the sequential detection of Al<sup>3+</sup>, Cd<sup>2+</sup> and Pb<sup>2+</sup> in nanomolar concentration.** *Journal of Molecular Structure*, 2022;1269:133724.

**One-pot three-component dominosynthesis of isoxazolo[5,4-b]pyrano[2,3-f]quinolines: An efficient fluorescent turn-off chemosensor for picric acid.** *ChemistrySelect*, 2022;7: e202203902.

**Phenothiazine tethered biaryls as fluorescent probes for multi-analyte detection.** *ChemistrySelect*, 2022;7: e202200217.



**RESEARCH AREAS**  
Synthesis and Photophysical Studies of Small Molecule Fluorogenic Chemosensors, Synthesis of Hybrid Heterocycles of Biological Importance, Structural Elucidation by One- and Two-Dimensional NMR

### GOOGLE SCHOLAR

Citations **2K** | H-Index **24** | i10index **43**

TOTAL INDUSTRY EXPERIENCE IN YEARS **0**

TOTAL TEACHING AND RESEARCH EXPERIENCE IN YEARS **15**

BOOKS **0**

BOOK CHAPTERS **02**

JOURNAL ARTICLES **136**



Associate Professor

HIGHEST DEGREE

Ph.D. in Chemistry in 2008 Bharathidasan University

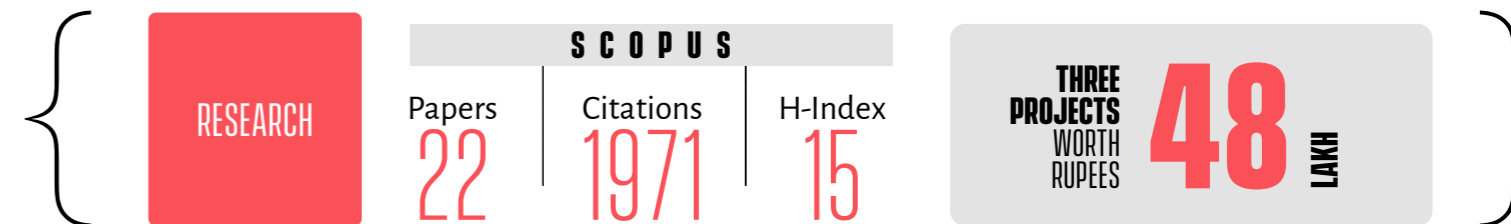
## DR. RAJENDIRAN V.

**D**r Rajendiran Venugopal is an Associate Professor at the Department of Chemistry, Central University of Tamil Nadu, Thiruvarur, India. He completed his PhD in 2008 at Bharathidasan University. He pursued his post-doctoral research at the Institute of Chemistry in Academia Sinica, Taipei, Taiwan (ROC) before joining the Central University of Tamil Nadu in 2010.

His work centers on improving the chemistry of first-row transition metal-based anticancer agents, creating metallosynthetic nucleases and proteases, producing metal-based fluorescent bio-imaging agents, studying photodynamic therapy (PDT), and exploring nanomedicine. He has received several notable accolades, including the Raman Fellowship for Post-Doctoral Research in the US in 2015 supported by the UGC, and an 'International Short Visit' sponsored by the Swiss National Science Foundation (SNSF) in 2016. He has also received both the

DST-SERB Fast Track under the Young Scientist Scheme and the SERB international travel grant in 2018. Furthermore, he was honored with the Prof RK Barua Memorial Best Poster Prize in 2019 during the 24th CRSI National Symposium in Chemistry (CRSI-NSC-24), held in CSIR-CLRI Chennai. He has also been a professional reviewer for various esteemed journals (Inorganic Chemistry (ACS), Medicinal Chemistry (ACS), ACS Omega, Polyhedron, ICA, etc.).

He is a life member of the Indian Crystallographic Association and Chemical Research Society of India. He has supervised three PhD and one MPhil scholars till date. Currently, he is supervising four PhD students. He has 24 international publications, one book, and one book chapter, and has a total citation of 2134 with a h-index of 15, in which the maximum single paper citation is 606. Recently, he has filed an Indian patent. ●



### FACULTY HIGHLIGHTS

1

Awarded 'Raman Fellowship for Post Doctoral Research in USA for the year 2015- 16' by the UGC, India.

3



Awarded *International Short Visit* by the Swiss National Science Foundation, to visit the University of Zurich, Switzerland in 2016

4

Received Prof RK Barua Memorial Best Poster Prize 2019 in the 24th CRSI National Symposium in Chemistry held in CSIR-CLRI Chennai

5

Qualified GATE and CSIR-NET national level exams.

### TOP PUBLICATIONS

**Mixed ligand copper(II)-Diimine complexes of 2-formylpyridine-N4-phenylthiosemicarbazone: Diimine co-ligands tune the *in vitro* nanomolar cytotoxicity.** *Dalton Transactions*, 2023;52(26): 9148-9169.

**Comparative DNA-/BSA-binding, DNA cleavage, and cytotoxic properties of copper(II) amino/salicyl-phenolate Schiff bases (phen) complexes that induce generation of phenoxy radicals.** *Polyhedron*, 2023;243:116534-116549.

**Folic acid-conjugated mixed-ligand copper(II) complexes as promising cytotoxic agents for triple-negative breast cancers: A case study using MDA-MB-231 cell.** *Inorganic Chimica Acta*, 2022;531: 120729-120740.

RESEARCH

### RESEARCH AREAS

Coordination, Bioinorganic and Inorganic Medicinal Chemistry

### GOOGLE SCHOLAR

Citations 2.1K | H-Index 15 | i10index 16

TOTAL INDUSTRY EXPERIENCE IN YEARS 0

TOTAL TEACHING AND RESEARCH EXPERIENCE IN YEARS 20

BOOKS 01

BOOK CHAPTERS 01

JOURNAL ARTICLES 24



Assistant Professor

## HIGHEST DEGREE

Ph.D. in  
Chemistry in 2010  
Case Western Reserve University

## DR. VITTAL BABU GUDIMETLA

**D**r Vittal Babu Gudimetla is an Assistant Professor in the Department of Chemistry at Central University of Tamil Nadu (CUTN), Thiruvarur. He pursued his MSc at the IIT Madras and PhD from the Case Western Reserve University (CWRU), USA on conjugated organophosphorus molecules and materials. Upon completing his PhD, he pursued his post-doctoral studies (Robert Welch Foundation-Postdoctoral Fellowship) on chemical and photochemical functionalisation of carbon nanomaterials using organic radicals at Rice University, USA. Later, he joined the CUTN in 2012 for a short period (on contract), and since 2013, he has been a regular faculty member at the university. His research interests mainly focus on synthesizing structurally interesting organic ligands and their application in metal-mediated catalysis and green materials. He teaches organometallic chemistry, organic synthesis reagents, physical

methods in chemistry, and advanced topics in organometallics to PG and research scholars. He qualified CSIR-JRF and GATE (AIR34, 98.71) national exams. During his PhD, he received the Outstanding Graduate Performance award from the CWRU. His research work was published in peer-reviewed journals in chemistry and notably, one of his works from CUTN was submitted for a patent (under examination stage). He has reviewed several research articles in reputed chemistry journals as a subject expert. He completed two research projects (SERB and UGC) of value of approximately 50.2 lakhs. Under his supervision, one MPhil and two PhD scholars obtained their degrees. He has also trained many integrated MSc, MSc, and PGDCLT students for their research projects at CUTN. ●

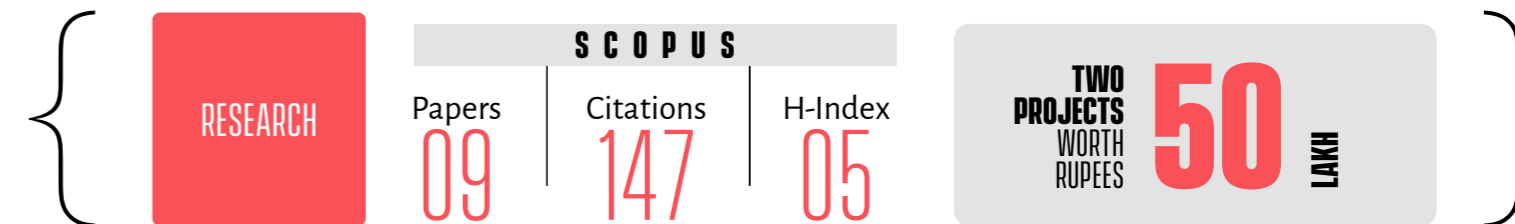
**RESEARCH AREAS**  
Hybrid Organic-Inorganic Materials,  
Carbon Nanomaterials, Organometallics  
and Catalysis

## GOOGLE SCHOLAR

Citations  
**174**

H-Index  
**06**

ioindex  
**05**



## FACULTY HIGHLIGHTS

- Developed a new synthetic methodology for making non-symmetric diimines and chiral NHCs (Applied for Patent (Indian))- 202141004387.
- Outstanding Graduate Performance Award, for Exceptional Graduate Research and Academic Performance, Case Western Reserve University, USA.
- GATE-All India Rank 34 (98.71) and CSIR-JRF; Member in Professional Scientific Societies: ACS (Member) ; CRSI (Life Member)

## TOP PUBLICATIONS

**Non-symmetrical tetraaryl- $\alpha$ -diimines via transimination: A promising route for non-symmetrical 1,3,4,5-tetraarylimidazolium chlorides.** *ChemistrySelect*, 2023; 8(9): e202204605

**Benzilbis(2-hydroxyanil) - highly efficient fluorophore for ferric ion (Fe<sup>3+</sup>) sensing.** *New Journal of Chemistry*, 2023; 47: 2995-2999.

**Copper-NHC based Ullmann catalysis in water for selective N-arylation of 3-aminophenols,** *ChemistrySelect*, 2020; 5(47): 15004-15009.

**Phosphorus can also be a photocopy.** *Journal of Americal Chemical Society*, 2010;132(13):4566-4567.

TOTAL INDUSTRY EXPERIENCE IN YEARS **0**

TOTAL TEACHING AND RESEARCH EXPERIENCE IN YEARS **18**

BOOKS **0**

BOOK CHAPTERS **01**

JOURNAL ARTICLES **10**



Assistant Professor

HIGHEST DEGREE

Ph.D. in Chemistry in 2014 University of Hyderabad

## DR. SHIVA PRASAD M.

Dr Shiva Prasad hails from Adilabad District, Telangana, India. He received his BSc in Biochemistry from Kakatiya University and MSc in Organic Chemistry from Osmania University, Hyderabad. He began his doctoral studies in Organic Chemistry under the direction of Prof DB Ramachary, School of Chemistry, University of Hyderabad, Hyderabad.

During his PhD, the formation of secondary catalytic species, 'Aminal' mechanism was firmly elucidated by him for the first time. He has a PhD thesis titled 'High-yielding stereoselective synthesis of drug-like molecules through Barbas-Michael and metal-free reductive coupling reactions'. He joined the Central University of Tamil Nadu, Thiruvavur, in 2013, where he is currently an Assistant Professor of

Chemistry (senior scale). His research interests span around the asymmetric synthesis of small natural products, natural product mimics, and biologically potent scaffolds by exploiting catalysis. He has supervised one PhD, one MPhil, and 44 PG dissertations till date. To date, Shiva Prasad has completed two major research projects (PI-SERB, 92 lakhs) and one major research project is ongoing (Co-PI-DBT; 70 Lakhs). He has qualified the GATE-NET, and has also been a recipient of the CSIR-JRF, and CSIR-SRF.

He has been serving as a member of various professional bodies, viz., life membership with the Chemical Research Society of India (CRSI), and memberships in the American Chemical Society, and the Royal Society of Chemistry (MRSC). ●

### RESEARCH AREAS

Asymmetric Synthesis, Synthesis of Small Natural Product/Mimics and Organocatalysis

### GOOGLE SCHOLAR

Citations 323 | H-Index 08 | i10index 08

RESEARCH

Papers 17

SCOPUS

Citations 340

H-Index 08

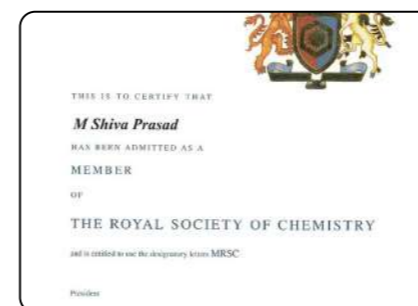
THREE PROJECTS WORTH RUPEES

163 LAKH

### FACULTY HIGHLIGHTS

1

Recognized as a Member of The Royal Society of Chemistry (MRSC).



2 Research paper chosen as journal cover picture. Title: Asymmetric synthesis of drug-like spiro[chroman-3,3'-indolin]-2'-ones through aminal-catalysis.

3



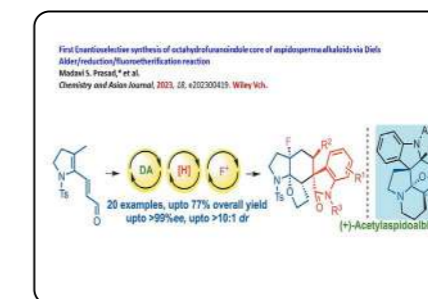
Mobilised more than 162 lakhs research grants from SERB and DBT (Government of India).

4

First Time Constructed the Enantioselective synthesis of octahydrofuranindole core of aspidosperma alkaloids.

5

Established Asymmetric Synthesis and Catalysis Laboratory in the Department of Chemistry.



### TOP PUBLICATIONS

Enantioselective synthesis of octahydrofuranindole core of aspidosperma alkaloids via Diels Alder/reduction/fluoroetherification reaction sequence. *Chemistry-An Asian Journal*, 2023; 18 (16): e202300419.

N-2,2,2-trifluoroethylisatinketamine as an unprecedented 1,2-dipolarophile for [3+2] addition to access optically pure spiro-thiazolidine oxindoles. *Organic and Biomolecular Chemistry*, 2023; 21: 4972-4976.

Blossoming of polyenamine catalysis in asymmetric synthesis: Scope and future applications. *Chemistry-An Asian Journal*, 2023; 18: e202300370.

Trienamine catalyzed unprecedented remote olefin E/Z isomerization/[4+2]-cycloaddition reaction to access spirooxindole hexahydroindoles. *Organic and Biomolecular Chemistry*, 2023; 21: 945-949.

RESEARCH

TOTAL INDUSTRY EXPERIENCE IN YEARS 0

TOTAL TEACHING AND RESEARCH EXPERIENCE IN YEARS 10

BOOKS 0

BOOK CHAPTERS 0

JOURNAL ARTICLES 18



Assistant Professor

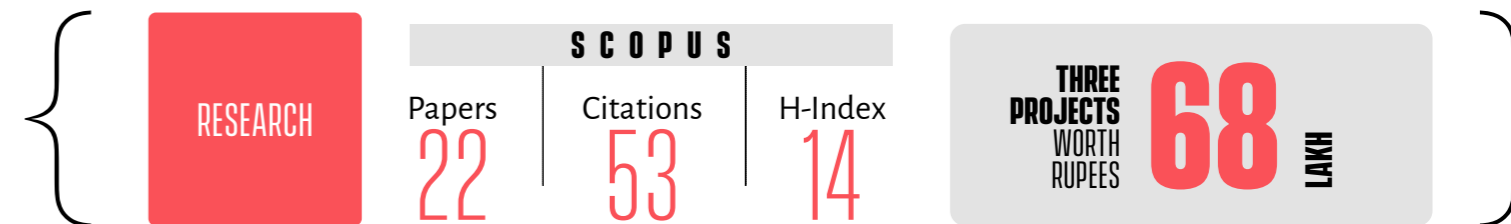
HIGHEST DEGREE

Ph.D. in Chemistry in 2007 Heriot-Watt University

## DR. PRABHA VADIVELU

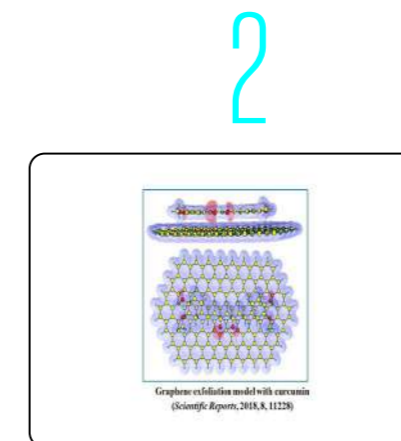
**D**r Prabha Vadivelu completed her PhD in 2007 at the Heriot-Watt University, Edinburgh, United Kingdom. Later, she underwent a post-doctoral research training at the University of Heidelberg, Germany from 2007-09. She was the recipient of the prestigious James-Watt Scholarship to pursue a PhD in the United Kingdom. During her

bachelor's degree programme, she has been the University First Rank Gold Medallist. She has worked as a Fast-Track young scientist at the CSIR-NIIST, Trivandrum, from 2013-16. Presently, she is working as an Assistant Professor in the Department of Chemistry, Central University of Tamil Nadu, Thiruvavur. ●



### FACULTY HIGHLIGHTS

**1**  
Expertise in the field of computational Inorganic/Bio-inorganic chemistry using state-of-the-art DFT methods.



Received grants (69.7 lakhs) from DST and UGC, to aid research activities in the cutting edge of Bio-inorganic, CO<sub>2</sub> fixation chemistry.

**3**  
Guided nearly 25 MSc/iMSc project students and published 22 research articles in peer-reviewed international journals with an average impact factor of 4 - 5.

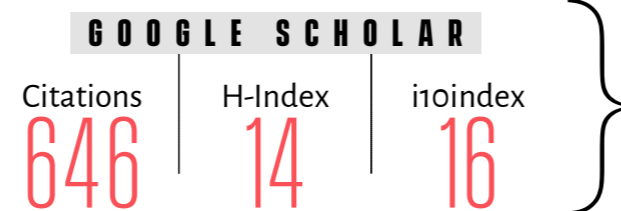
### TOP PUBLICATIONS

**Density functional theory study on [Ni(1,10-phenanthroline)]-catalyzed reductive carboxylation of alkyl and aryl halides with CO<sub>2</sub>: Effect of the Lewis acid and β-H elimination side reaction in the crucial CO<sub>2</sub> insertion step.** *Inorganic Chemistry*, 2022; 61(48): 19463-19474.

**In situ interfacial compatibilization via edge sulfated few-layer graphene during the formation of crosslinked graphene rubber nanocomposites.** *Scientific Reports*, 2022; 12: 4013.

**A density functional theory study on comparing the reactivity of [Mn(13-TMC)(OOH)]<sup>2+</sup> and [Mn(13-TMC)(O<sub>2</sub>)]<sup>+</sup> for the sulfoxidation of thioanisole.** *Inorganic Chemistry*, 2021; 60: 13615-13625.

RESEARCH AREAS  
Computational Chemistry for Modelling Organic/Inorganic/Bio-inorganic Reactions using State-of-the-art DFT Methods





Assistant Professor

HIGHEST DEGREE

Ph.D. in Physical Chemistry in 2013 Indian Institute of Technology, Madras

## DR. JOHN PRAKASH

**D**r John Prakash is currently holding the position of Assistant Professor at Central University of Tamil Nadu. He obtained his PhD from Indian Institute of Technology, Madras. His major areas of research include analytical fluorimetry, development of modular spectroscopic instrumentation for environmental and biologically relevant systems as well as application of chemometrics tools to spectroscopic data.

He has ten years of teaching experience in Physical and Theoretical Chemistry (viz., spectroscopy, group theory, kinetics, quantum chemistry, and thermodynamics). He is interested in carrying out laboratory experiments

in physical and gravimetric analyses as part of curriculum. He has supervised one MPhil, 38 PG, 12 UG, and seven PG Diploma dissertations till date. John Prakash is also the recipient of few honours viz., Certificate of Excellence in Reviewing - 2021 by the Indian Journal of Science and Technology, and has also been conferred with the prestigious 'Eli Lilly & Co Asia's Outstanding Thesis Awards - 2013' (Second prize). ●

**RESEARCH AREAS**  
Physical Photochemistry, Spectroscopy, Multivariate Analysis and Instrumentation

GOOGLE SCHOLAR

Citations 60 | H-Index 06 | i10index 02

RESEARCH

Papers 11

SCOPUS

Citations 60

H-Index 06

ONE PROJECTS WORTH RUPEES 10 LAKH

FACULTY HIGHLIGHTS

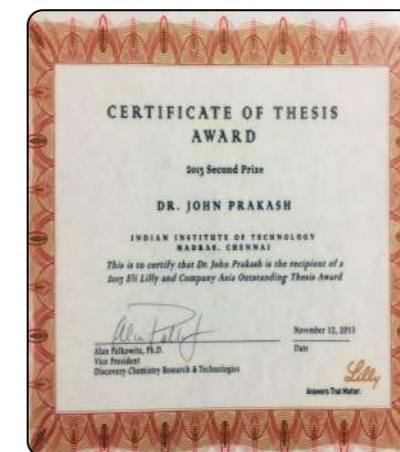
1

Awarded Certificate of Excellence in Reviewing -2021 by Indian Journal of Science and Technology.



2 Fabricated modular Fiber Optic Spectrometer for simultaneous measurement of Fluorescence and UV-Vis electronic absorption with Dip-probe.

3



Recipient of the 2nd Prize of Eli Lilly and Co Asia's Outstanding Thesis Awards 2013.

4

Completed UGC-Start up Project: Design and Fabrication of a Portable Spectrometer for online Analyses of Poly Aromatic Hydrocarbons (PAH) in Water 2018-20.

5

Membership in Academic Bodies: Member RSC –Web applicant (Membership ID: 666637), Lifetime member –SRAPS (L-505), and ACS member – (ID: 31886586).

TOP PUBLICATIONS

Probe-based spectrophotometric quantification of petrol-ethanol fuel blends for field-able applications, *Green Analytical Chemistry*, 2022; 3.

Fabrication of eco-friendly hydrogel strips for the simultaneous quantification of heavy metal ions in aqueous environment *Dyes and Pigments*, 2022; 199: 110045.

Simultaneous quantification of multiple polycyclic aromatic hydrocarbons in aqueous media using micelle assisted white light excitation fluorescence, *Scientific Reports*, 2020; 10 : 8921.

Introduction of a novel fluorescence based method for the composition estimation of petroleum fuel – biofuel blends, *Fuel*, 2013; 108: 351-355.

TOTAL INDUSTRY EXPERIENCE IN YEARS 0

TOTAL TEACHING AND RESEARCH EXPERIENCE IN YEARS 10

BOOKS 0

BOOK CHAPTERS 0

JOURNAL ARTICLES 14

# SCHOOL OF BASIC AND APPLIED SCIENCES



**Prof. P. Ravindran**  
Professor and Head



**Prof. Madhurima V.**  
Professor



**Prof. Kavitha L.**  
Professor



**Dr. K. Mohanraj**  
Associate Professor



**Dr. Ponmurugan M**  
Assistant Professor



**Dr. Arun R.**  
Assistant Professor



**Dr. K. Chandra Sekhar**  
Assistant Professor



**Dr. Nirbhay Kumar Behera**  
Assistant Professor



**Dr. Malay Dalui**  
Assistant Professor



**Dr. Sampurn Anand**  
Assistant Professor

# DEPARTMENT OF PHYSICS



RESEARCH

Papers 204

SCOPUS Citations 9191

H-Index 47

48 PROJECTS WORTH RUPEES 2 CRORE



Professor

HIGHEST DEGREE

Ph.D. in Physics in 1996 Anna University

## PROF. P. RAVINDRAN

Prof Ravindran is a distinguished physicist and an academic leader, holding the positions of Professor and Head at the Department of Physics, as well as the Head of the Simulation Center for Atomic and Nanoscale MATerials (SCANMAT) at the Central University of Tamil Nadu. He is also the Dean (Research) and Head of the Project Cell at the Central University of Tamil Nadu.

His exceptional achievements have garnered international acclaim that have earned recognition as him being listed within the top 1% scientists in the world in the area of Applied Physics by the Stanford University, USA. Furthermore, Prof Ravindran has been ranked 13th nationally in Applied Physics by SCOPUS, solidifying his position as one of India's foremost scientists.

He has guided eight post-doctoral students and 14 students have completed their PhD under his supervision together with 47 master project students. Prof Ravindran has 28 years of teaching experience at the international (University of Oslo, Norway) as well as national universities. His remarkable contributions and leadership continue to propel the field of advanced functional materials for renewable energy technologies, inspiring future research generations and leaving a lasting impact on the scientific community. For more details: <https://folk.universitetetioslo.no/ravi/cutn/>.

RESEARCH AREAS  
Nanophase Materials, MOFs and Other Nano/Micro/Meso-Porous Materials, Hydrogen Storage & Battery Materials, Solar Energy Materials Including Transparent Conducting Oxides.

GOOGLE SCHOLAR

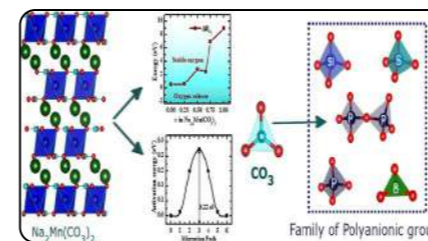
Citations 10K

H-Index 50

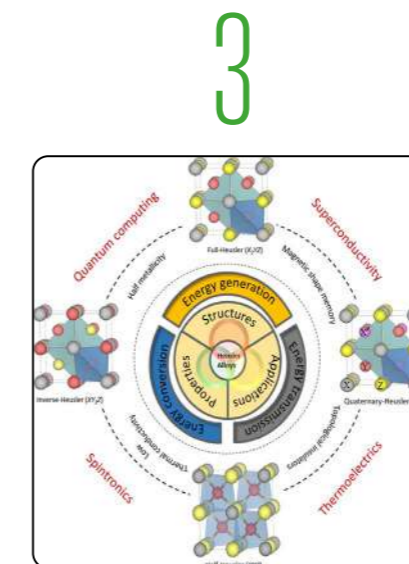
ioindex 128

### FACULTY HIGHLIGHTS

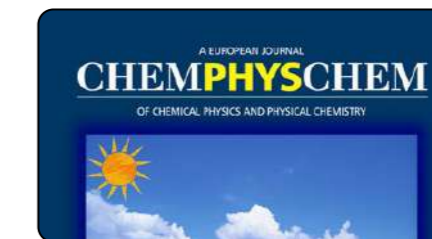
1 Designed the quaternary or multinary HH alloys from ternary HH alloys and investigating their thermo-electric properties.



2 Developed materials for high-efficiency hybrid perovskite solar cells, 2D materials for hydrohen production by photocatalytic water splitting.



Designed a new class of hydrogen storage materials called amphoteric hydrides for energy storage.



4 Modelled and conducted property analysis of magnetocaloric materials; designing cathode materials for Na and Li-based battery systems.

5 Developed approach of density functional theory and machine learning to design new materials for renewable energy applications.

### TOP PUBLICATIONS

Density functional theory for calculation of elastic properties of orthorhombic crystals: application to TiSi<sub>2</sub>. *Journal of Applied Physics*, 1998; 84 (9): 4891-4904.

Theoretical investigation of magnetoelectric behavior in BiFeO<sub>3</sub>. *Physical Review B*, 2006; 74 (22): 224412.

Large magnetocrystalline anisotropy in bilayer transition metal phases from first-principles full-potential calculation. *Physical Review B*, 2001; 63 (14): 144409.

Thermal, electronic and thermoelectric properties of TiNiSn and TiCoSb based quaternary half Heusler alloys obtained from ab initio calculations. *RSC Sustainable Energy and Fuels*, 2020; 4: 895.



Professor

HIGHEST DEGREE

Ph.D. in Physics in 1999  
Indian Institute of Technology, Madras

## PROF. MADHURIMA V.

Prof Madhurima is an accomplished academic professional with an extensive background in physics and a distinguished career in various educational institutions. Holding a PhD from IIT Madras, Madhurima has contributed significantly to the academic community, serving in positions ranging from Senior Lecturer at Savita Engineering College to Reader, Associate Professor in Mizoram University and eventually Professor at the Central University of Tamil Nadu. As an associate in IUCAA, Madhurima has leveraged their expertise to conduct various workshops, furthering the understanding of astronomy and astrophysics. Her initiative in establishing the Center for Astronomy and Astrophysics at the Central University of Tamil Nadu showcases a visionary approach and dedication to expanding the frontiers of scientific exploration.

Dr Madhurima initiated the Siksha Manthan program, providing education to children of

construction workers on the university campus who had no prior access to schooling. Additionally, as the Coordinator of SPARK in 2017, she oversaw a successful hands-on STEM learning project for 110 school students, igniting their interest in subjects like physics, mathematics, chemistry, and life sciences through engaging experiments. Prof Madhurima's commitment extended to fully sponsored year-long NANSI-CUTN outreach programs, benefiting rural women by promoting health and hygiene and dispelling scientific myths among rural children.

Notably, Madhurima's influence extends to broader societal issues.

Her commitment to gender equality is evident through numerous workshops, lectures, and talks addressing this crucial subject. In summary, Prof Madhurima's multifaceted career combines a profound commitment to the field of physics with an impactful advocacy for

RESEARCH AREAS  
Soft Condensed Matter Physics

GOOGLE SCHOLAR

Citations 485 | H-Index 12 | i10index 15

RESEARCH

Papers 45

SCOPUS

Citations 332

H-Index 11

FOUR PROJECTS WORTH RUPEES

80 LAKH

### FACULTY HIGHLIGHTS

1

Citation in appreciation of work in Physics and Gender in Physics by Chandrabhabha Saikia Centre for Women's Studies, Tezpur University, 2022.



2 Associate of the Inter-University Centre for Astronomy and Astrophysics (IUCAA), Pune, India, August 2019–July 2025.

3



Life Member of various professional bodies such as Indian Liquid Crystal Society, Indian Physics Association and the Indian Association of Physics Teachers.



4 Two outreach projects sponsored by The National Academy of Sciences, India (NASI), been invited by the prestigious Vigyan Pratibha program.

5

IUCAA School on Introductory Astronomy at CUTN during March 5-7, 2019 (Rs. 1,60,000).

### TOP PUBLICATIONS

Nanostructured Zn and ZnO nanowire thin films for mechanical and self-cleaning applications. *Applied Surface Science*, 2015; 330: 292-299.

Effects of metal doping on photoinduced hydrophilicity of SnO<sub>2</sub> thin films. *Bulletin of Materials Science*, 2015; 38: 203-208.

Evidence of anomalous behavior of intermolecular interactions at low concentration of methanol in ethanol-methanol binary system. *Spectrochimica Acta Part A: Molecular and Biomolecular Spectroscopy*, 2018; 188: 301-310.

Controlling breath figure patterns on PDMS by concentration variation of ethanol-methanol binary vapors. *The European Physical Journal E*, 2018; 41: 82.

TOTAL INDUSTRY EXPERIENCE IN YEARS 0

TOTAL TEACHING AND RESEARCH EXPERIENCE IN YEARS 25

BOOKS 0

BOOK CHAPTERS 06

JOURNAL ARTICLES 55



Professor

HIGHEST DEGREE

Ph.D. in Physics in 2002 Bharathiar University

## PROF. KAVITHA L.

Prof Dr L Kavitha belongs to the Department of Physics, School of Basic and Applied Sciences, Central University of Tamil Nadu. Dr Kavitha was born on 20th March 1975, in Kumbakonam, Thanjavur, Tamil Nadu. She pursued her UG in Physics in the Government College for Women, Kumbakonam. She obtained her PG and doctoral degrees from the School of Physics, Bharathidasan University, Trichirappalli.

She continued her prolific research work in the prestigious and the globally renowned Max-Planck Institute for the Physics of Complex Systems, Germany and at the Abdus Salam International Centre for Theoretical Physics, Italy (an IAEA and UNESCO Institute), in the capacities of post-doctoral fellow and Young Collaborator, Junior and Regular Associates, respectively. Dr Kavitha has been working for the past 25 years in the field of non-linear dynamics of both condensed and soft matter systems. Also,

She has extended her research interest in the development of bioceramic coatings on high energy electron beam irradiated metal implants for orthopaedic applications. She has participated in various research programs conducted by distinguished international institutions at USA, France, Italy, Germany, Spain, Switzerland, Austria, Poland, Hungary, Croatia, Slovenia, Portugal and Latvia. Her assiduous research work fetched her many Young Scientist Awards at the national level. She has been bestowed with the Prestigious Landhal Award by the International Society of Mathematical Biology, USA. Dr Kavitha has successfully supervised 22 PhD students and authored more than 160 publications including six book chapters in international journals of high repute. She has mobilised research grants from various funding agencies such as DST, CSIR, UGC, DAE-NBHM, DAE-BRNS and UGC-DAE as a principal investigator. ●

### RESEARCH AREAS

Nano-Scale Magnetic Switching, Nonlinear Dynamics of Microtubules-DNA-Hydrogen Bonded Systems-Liquid Crystals-Dusty Plasma

### GOOGLE SCHOLAR

Citations 4.4K | H-Index 40 | i10index 100

RESEARCH

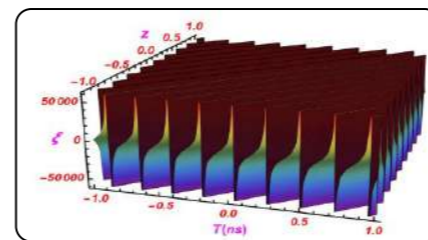
SCOPUS  
Papers 170 | Citations 4K | H-Index 40

SEVEN PROJECTS WORTH RUPEES 94 LAKH

### FACULTY HIGHLIGHTS

1

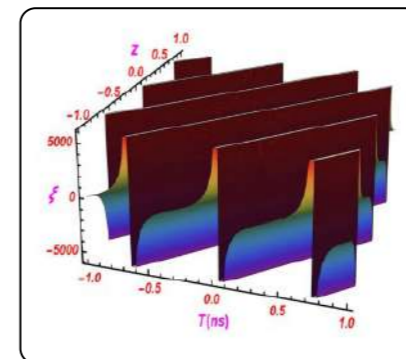
Has contributed to this field of magnetic Soliton and magneto-optic recording in a variety of bulk and nano-scaled magnetic systems.



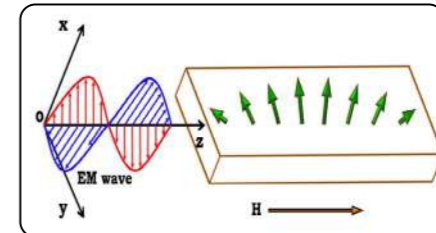
2

She established research collaboration with a prestigious institutes such as Max- Plank Institute for the physics of complex systems, Germany.

3



Her contributions are being recognised with many awards, especially from DAE-BRNS, UGC, Government of Tamil Nadu and Academy of Sciences, Chennai. She has visited many countries.



4

Her research is underscored by numerous publications and fruitful collaborations with Max-Planck Institute for the Physics of Complex Systems.

5

She has explored the coherent or solitonic excitations in a high-anisotropy nanoscale magnetic medium under EM influence.

### TOP PUBLICATIONS

Stability analysis and discrete breather dynamics in the microtubulin lattices. *Chaos, Solitons and Fractals*, 2023; 168: 113-210.

Current-driven magnetization reversal dynamics and breather-like EM soliton propagation in biaxial anisotropic weak ferromagnetic nanowire. *Nonlinear Dynamics*, 2022; 107: 2667–2687.

Loss-less propagation, elastic and inelastic interaction of electromagnetic soliton in an anisotropic ferromagnetic nanowire. *Communication Nonlinear Science and Numerical Simulation*, 2017 ; 51: 50-65.



Professor

HIGHEST DEGREE

Ph.D. in Physics in 2009 Annamalai University

## DR. K. MOHANRAJ

**D**r Mohanraj is a faculty member of the Department of Physics, Central University of Tamil Nadu. He completed his PhD in Physics from Annamalai University, Chidambaram, Tamil Nadu, and later joined the Department of Physics, Manonmaniam Sundaranar University, Tirunelveli as an Assistant Professor.

He has 20 years of research and 14 years of teaching experience. His Scopus H index is 16 and his total citation is 840. So far, he has published 92 research articles in international/national journals, 27 research papers in edited volumes, 32 research papers presented in seminars/symposia, and has published two book chapters. He has organized ten conferences/seminars at national/international levels. He has received extramural funding to conduct two research projects. He has also served as a member of various committees at the Manonmaniam Sundaranar University, Tirunelveli, such

as NIRF committee, Member AQAR Compliance, Co-ordinator-Energy Audit Survey, Co-ordinator and Chairperson-DD and CE Program, Coordinator-UGC XI Plan (Facilities for the Differently abled scheme), Departmental Liaison Officer to IQAC, President of Institution Innovation Cell and Deputy Director for IQAC. •

RESEARCH

Papers

90

SCOPUS Citations

882

H-Index

16

TWO PROJECTS WORTH RUPEES

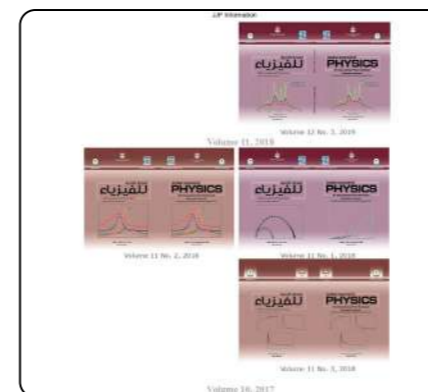
17

LAKH

### FACULTY HIGHLIGHTS

1

He was offered an invited paper by the *New Journal of Chemistry* (Royal Society of Chemistry). Result published at Cover page in Jordan Journal



2



Served as the Guest Editor for three conference Special issues (Elsevier and Taylor & Francis).

3

Served as Coordinator for NAAC Criterion IV : Infrastructure and Learning Resources and secured 3.53 points (A+ grade).

4

Organized as a Convener for 10 Conferences/Seminars at National/International levels.

### TOP PUBLICATIONS

**P type to N type conversion in Fe doped Cu<sub>2</sub>BaSnS<sub>4</sub> thin film solar cell material.** *New Journal of Chemistry*, 2023;47: 18555-18566.

**Photoelectrochemical and photovoltaic cell performances of thermally evaporated Cu<sub>3</sub>BiS<sub>3</sub> thin films.** *Vacuum*, 2022; 195: 1-12.

**Photoresponse of novel mixed metal chalcogenide MoSb<sub>2-x</sub>Cu<sub>x</sub>Se<sub>4</sub>/CdS thin film solar cells fabricated by CBD method using citric acid.** *International Journal of Energy Research*, 2017;41: 1295-1309.

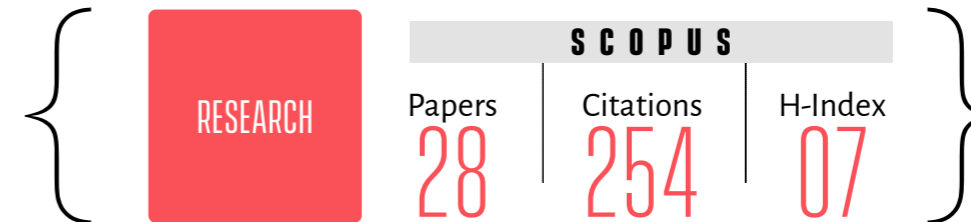
**Electrochemical and fluorescence properties of SnO<sub>2</sub> thin films and its antibacterial activity.** *Spectrochimica Acta Part A: Molecular and Biomolecular Spectroscopy*, 2015;143: 172-178.

#### RESEARCH AREAS

Thin films and Nanomaterials for Energy Harvesting and Energy Storage Applications, Agro Waste Materials and Crystal Growth

#### GOOGLE SCHOLAR

Citations **1K** | H-Index **18** | i10index **29**



Assistant Professor

HIGHEST DEGREE

Ph.D. in Statistical and Computational Physics in 2009 University of Madras

## DR. PONMURUGAN M

Dr Ponmurugan completed his PhD at the Indira Gandhi Centre for Atomic Research, Kalpakkam, India, and subsequently underwent post-doctoral research training at the University of Reading, UK and at the Institute of Mathematical Sciences, Chennai, India. He joined the Central University of Tamil Nadu as an Assistant Professor in the Department of Physics in January 2012.

The focus of his research is to extrapolate the concept of statistical mechanics in theoretical, computational, and experimental investigations of different classes of condensed and soft condensed matter systems, heat devices and quantum thermodynamics systems. Of late, he has started to explore into the above systems using artificial intelligence-based deep learning methods. His research works have been published in leading national and international journals. Notably, two of his project students

have published their work in the Physics Education, a flagship journal of the Indian Association of Physics Teachers (IAPT), which has been widely acknowledged by the global student community. Currently, he supervises three PhD students and two PG project students. He has successfully supervised a PhD, and an MPhil student, and more than twenty master project students have completed their research training under his guidance. Ponmurugan's primary focus is on innovative developments and advances in physics. His laboratory alumni are currently working in reputed research institutions across the Europe, UK, and the US. ●



**RESEARCH AREAS**  
Equilibrium and Non-Equilibrium Statistical Physics, Finite Time Thermodynamics, Quantum Thermodynamics, Computational Condensed and Soft Condensed Matter Physics, Polymer Physics and Deep Learning

### GOOGLE SCHOLAR



### FACULTY HIGHLIGHTS

1

Most of the master's students in the Department of Physics who did their project work under his guidance are working in European institutions.



Two students published their Thermodynamics and Statistical Mechanics coursework in IAPT journal - *Physics Education* in 2017.

3



Department of Science and Technology Fast Track Young Scientist Fellow 2010.

4

Qualified CSIR (NET) Junior Research Fellowship, conducted jointly by CSIR and UGC. Ranked within top 20 percentile of those successful in 2001.

5

Qualified GATE 1998 and SLET-2000.

### TOP PUBLICATIONS

**Crystal growth and magnetic properties of the coupled alternating S=1 spin chain Sr<sub>2</sub>Ni(SeO<sub>3</sub>)<sub>3</sub>.** *Physical Review B*, 2023;107:214406.

**Single-walled Ising nanotube with opposite sign of interactions using wang-landau algorithm.** *The European Physical Journal Plus*, 2022;137(12):1305.

**Optimized coefficient of performance of power law dissipative carnot like refrigerator.** *Physica A: Statistical Mechanics and its Applications*, 2022;590: 126700.

**Invariant-based investigation of shortcut to adiabaticity for quantum harmonic oscillators under a time-varying frictional force.** *Physical Review A*, 2021;103:042206.

TOTAL INDUSTRY EXPERIENCE IN YEARS **0**

TOTAL TEACHING AND RESEARCH EXPERIENCE IN YEARS **19**

BOOKS **0**

BOOK CHAPTERS **0**

JOURNAL ARTICLES **33**



Assistant Professor

HIGHEST DEGREE

Ph.D. in Quantum Optics in 2003  
Mohanlal Sukhadia University

## DR. ARUN R.

Dr Arun is an Assistant Professor of Physics at the Central University of Tamil Nadu since 2013. He received his PhD in theoretical Quantum Optics from Physical Research Laboratory, Ahmedabad. After completing his PhD, he worked as a Postdoctoral Researcher at the Weizmann Institute of Science, Israel, between 2004 and 2007.

He also had a teaching experience for four years from 2009 to 2013 at a private engineering institution in Chennai. He completed his collegiate education in Chennai and received both his UG as well as PG degrees in Physics from the University of Madras. Dr Arun's research is in the field of theoretical quantum optics, which deals with the interaction between light and matter using quantum mechanical treatments. Dr Arun's research work centered around quantum dynamics of cold atoms during his doctoral days. Later, his interest turned

towards quantum interference effects in vacuum-induced processes in atoms such as spontaneous emission. His contributions are related to the theoretical study of quantum coherence effects on the resonance fluorescence spectrum, superluminal light propagation, and protection of bipartite entanglement. His teaching interest covers a wide range of courses including quantum optics, laser physics, mathematical physics, classical mechanics, electromagnetic theory, and quantum mechanics for both UG and PG programmes. ●

### RESEARCH AREAS

Quantum Optics, Quantum Computation and Entanglement

RESEARCH

### GOOGLE SCHOLAR

Citations 254 | H-Index 07 | i10index 07

### FACULTY HIGHLIGHTS

Single Author Publications: In 2016, Dr. Arun published a research paper independently as a single author on how light pulses can travel in anomalous dispersion media with negative group velocities.



TOTAL INDUSTRY EXPERIENCE IN YEARS 0

TOTAL TEACHING AND RESEARCH EXPERIENCE IN YEARS 20

BOOKS 0

BOOK CHAPTERS 0

JOURNAL ARTICLES 16

RESEARCH

Papers 21

Citations 207

H-Index 07

SCOPUS

### TOP PUBLICATIONS

**Protecting bipartite entanglement by collective decay and quantum conferences.** *Quantum Information Process*, 2022;21:272.

**Squeezing in resonance fluorescence via vacuum induced coherences.** *Journal of Physics B: Atomic, Molecular and Optical Physics*, 2020;53:055402.

**Fluorescence control through vacuum induced coherences.** *Journal of Physics B: Atomic, Molecular and Optical Physics*, 2019; 52:075402.

**Superluminal light propagation via quantum interference in decay channels.** *Physical Review A*, 2016;94: 043843.

**RESEARCH**

Papers: 93 | Citations: 1358 | H-Index: 20

**SCOPUS**

TWO PROJECTS WORTH RUPEES **52** LAKH



Assistant Professor

HIGHEST DEGREE

Ph.D. in Physics in 2009  
Indian Institute of Technology Roorkee

## DR. K. CHANDRA SEKHAR

**D**r KC Sekhar was born in Markapur in Andhra Pradesh on June 5, 1980. He received his MSc degree in Physics from Nagarjuna University, Guntur, India in 2003. He obtained his PhD degree from the IIT, Roorkee, India in 2009. He did his postdoctoral research at the Yonesi University, Seoul and the University of Minho, Braga, Portugal. He has contributed more than 80 articles in various international journals.

Dr Sekhar is a prominent figure in the field of experimental condensed matter physics, holding the prestigious position of UGC-Assistant Professor in the Department of Physics, Central University of Tamil Nadu. Dr Sekhar's research interests are mainly focused on experimental aspects of condensed matter physics from bulk to few nanometers. Currently, he is working on ferroelectrics, semiconductors and plasmonic based ceramics, thin films and heterostructures. He has made significant

contributions in the fields of resistive switching memories, energy storage capacitors, solid state refrigerators, photocatalysis and chemical sensing. His work in these areas has earned him recognition among his peers and has been published in reputed scientific journals. As a teacher, Dr Sekhar is known for his ability to convey complex scientific concepts in an accessible and engaging manner. His lectures are not just informative but also inspirational, motivating students to explore the fascinating world of physics. His dedication to education goes beyond the classroom, as he often mentors aspiring physicists and guides them in their research pursuits. Further, he believes in research-driven teaching. ●

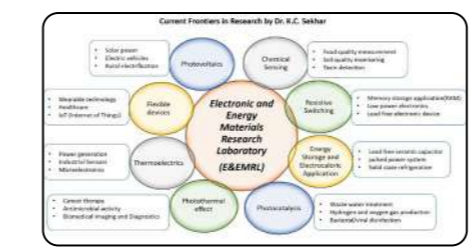
**RESEARCH AREAS**  
Ferroelectrics, Semiconductors and Plasmonic Based Ceramics, Thin Films and Heterostructures

**GOOGLE SCHOLAR**

Citations: 1.3K | H-Index: 21 | i10index: 49

### FACULTY HIGHLIGHTS

**1**  
Recipient of various fellowships viz., the MHRD-IITR Institute Fellowship, CSIR-SRF, BK21 and FCT BPD fellowships.



**2**  
Supervised two PhD and 30 iMSC dissertations so far, and has received three Research projects worth Rs.82 Lakhs from the UGC, SERB and CSIR during 2015-24.

**3**

Has eight years of teaching experience, and 14 years of research experience.

**4**  
Has published more than 80 research articles in various international high impact journals.

**5**  
Has contributed more than five book chapters with various reputed publishers and acting as a reviewer for various international journals.

**TOP PUBLICATIONS**

**Are lead-free relaxor ferroelectric materials the most promising candidates for energy storage capacitors?** *Progress in Materials Science*, 2023;132:101046.

**Advances in dielectric thin films for energy storage applications, revealing the promise of group IV binary oxides.** *ACS Energy Letters*, 2021;6:2208-2217.

**Semiconductor/relaxor o-3 type composites as an innovative strategy to enhance the energy storage properties of o.6Ba(Zro.2Tio.8)O3-o.4(- Bao.7Ca0.3)TiO3 ferroelectric relaxor ceramics.** *Journal of Science: Advanced Materials and Devices*, 2021;6 (1): 19-26.

**RESEARCH**

TOTAL INDUSTRY EXPERIENCE IN YEARS: **0** | TOTAL TEACHING AND RESEARCH EXPERIENCE IN YEARS: **13** | BOOKS: **0** | BOOK CHAPTERS: **0** | JOURNAL ARTICLES: **71**



Assistant Professor

HIGHEST DEGREE

Ph.D. in Physics in 2015  
Indian Institute of Technology, Bombay

## DR. NIRBHAY KUMAR BEHERA

Dr Nirbhay Kumar Behera has done his PhD at the IIT Bombay. After his PhD, he has had a five years post-doctoral research experience from the Inha University, South Korea, IIT Indore and IIT Madras. His broad area of research is experimental high energy physics. His research mainly focuses on ultra-relativistic heavy-ion collision experiments at the LHC, which aims to study the properties of Quark-Gluon Plasma (QGP).

He has also research and development experience of MAPS technology based CMOS pixel detectors used in collider experiments. His current research is based on Monte Carlo simulation work with various theoretical and phenomenological model used for heavy-ion and pp collisions at LHC energies. The simulation work mainly focuses on event-by-event

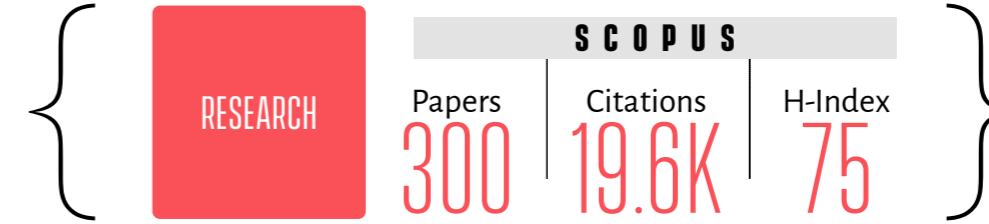
fluctuations of conserved charges, like net-baryon and net-charge, and two-particle correlation study for identified particles in small system. He is also a collaborator of electron-ion collider (EIC) experiments at RHIC, Brookhaven National Laboratory, New York, USA. ●

### RESEARCH AREAS

Experimental High Energy Physics, Bulk Properties of Quark-Gluon Plasma, Correlation and Fluctuations, Heavy-flavor, Silicon Pixel Detector

### GOOGLE SCHOLAR

Citations 42K | H-Index 111 | i10index 261



### FACULTY HIGHLIGHTS

- Five years of postdoctoral research experience.
- Twelve years of research experience at collider experiments like RHIC and LHC.
- Visiting researcher at CERN, Geneva (2011-19).
- Visiting researcher at BNL, New York, USA (2009-10).
- Institutional Board Member and collaborator of EIC experiment at BNL, New York, USA (since September 2020 onwards).

### TOP PUBLICATIONS

**ATHENA detector proposal — a totally hermetic electron nucleus apparatus proposed for IP6 at the electron-ion collider.** *JINST*, 2022; 17(10): P10019.

**Constructing probability density function of net-proton multiplicity distributions using pearson curve method.** *The European Physical Journal A*, 2022; 58(3):43.

**Science Requirements and Detector Concepts for the Electron-Ion Collider: EIC Yellow Report.** *Nuclear Physics A*, 2022; 1026: 122447.









Assistant Professor

HIGHEST DEGREE

Ph.D. in Physics in 2017 University of Delhi

## DR. SAMPURN ANAND

Dr Sampurn Anand obtained his PhD from the University of Delhi in 2016. He was a post-doctoral fellow at the Physical Research Laboratory (PRL), Ahmedabad between 2016 and 2018. After completing his postdoctoral tenure at the PRL, Anand became an Assistant Professor in the Department of Physics at the St Stephen's College, University of Delhi, from 2018 to 2019.

He moved to the Indian Institute of Technology Madras, Chennai as a postdoctoral fellow under the National Post-Doctoral Fellowship program sponsored by the Department of Science and Technology, Government of India. His field of research is Theoretical Cosmology. Specifically, he works on dark energy, cosmic magnetic fields, and gravitational waves. He has published ten well-cited papers in high-impact,

international peer-reviewed journals. Dr Anand is a life member of the Indian Association for General Relativity and Gravity and visiting associate at the Inter-University Center for Astronomy and Astrophysics (IUCAA), Pune. ●

**RESEARCH AREAS**  
Dark Energy, Cosmic Magnetic Fields and Gravitational Waves

GOOGLE SCHOLAR

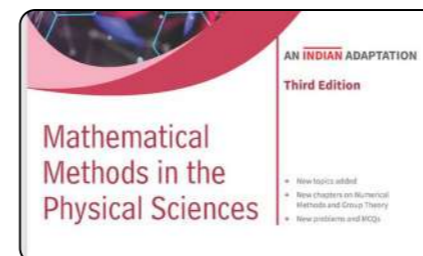
Citations **165** | H-Index **08** | i10index **07**

**RESEARCH**  
Papers **10** | Citations **141** | H-Index **07**

### FACULTY HIGHLIGHTS

1

Authored Book Chapter for the Indian Adaptation of Mathematical Methods in the Physical Sciences, 3rd Edition, Wiley Publications.



2 Coordinator for online training course on Overview of Space Science and Technology under ISRO START Programme.

3



Visiting Associate, IUCAA-Pune.



4 Life Member of the Indian Association for General Relativity and Gravitation (IAGRG).

5

Invited speaker for the workshop on Statistical techniques in Astrophysics and Cosmology, Bharathidasan University, Tiruchirapalli.

### TOP PUBLICATIONS

**Generating a seed magnetic field à la the chiral Biermann battery.** *Physical Review D*, 2021; 104 (6): 063508.

**Accounting for the time evolution of the equation of state parameter during reheating.** *Physical Review D*, 2020; 102(10): 103511.

**Chiral plasma instability and primordial gravitational waves.** *The European Physical Journal C*, 2019; 79(2): 119.

**Cosmic viscosity as a remedy for tension between PLANCK and LSS data.** *JCAP*, 2017; 11: 005.

**Effects of QCD equation of state on the stochastic gravitational wave background.** *JCA*, 2017; 03: 018.

**SCHOOL OF  
BEHAVIOURAL SCIENCES**



**Dr. V. Vithya**  
Assistant Professor & Head (I/c)



**Dr. C. Mamman Joseph**  
Associate Professor

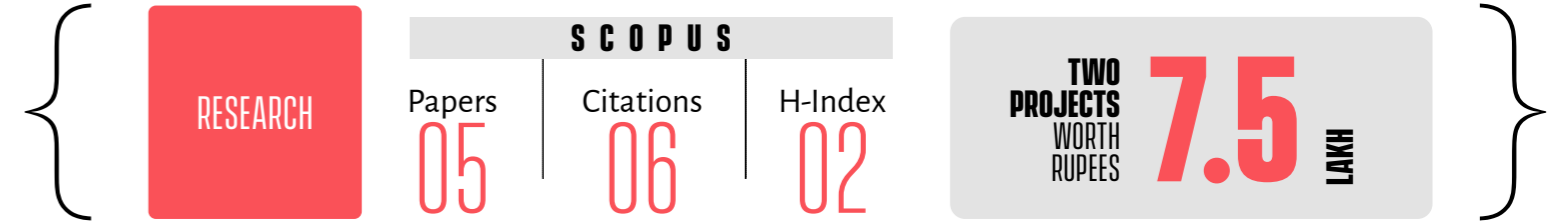


**Dr. Padiri Ruth Angiel**  
Assistant Professor



**Dr. R. Lakshmi**  
Assistant Professor

▶  
**DEPARTMENT  
OF APPLIED  
PSYCHOLOGY**



Assistant Professor  
& Head (I/c)

HIGHEST DEGREE

Ph.D. in  
Clinical Psychology in 2015  
University of Madras

## DR. VITHYA V.

**D**r Vithya is an Assistant Professor and Head-in-Charge of the Department of Applied Psychology. She completed her PhD at the University of Madras in 2015. She holds a master's degree Clinical Psychology and an MPhil Degree. Her fields of specialization are Clinical Psychology, School Psychology, Media and Mental Health, Disaster Mental Health, Maternal Mental Health and Adolescent Mental Health. Dr Vithya has nine years of teaching and 14 years of research experience in psychology. She is the recipient of an Young Scientist Award in 2018 from the Governing Council of Indian School Psychology Association, an award established by Prof Erika Vogit, School Psychologist, Germany. She had received Prof. Durganand Sinha Dissertation Award by the National Academy of Psychology (NAOP) in 2018. She is a life member of Indian Academy of Applied Psychology and Indian School Psychology Association. She has completed two Research pro-

jects and has received several best paper awards for her research works. Currently, she is supervising four PhD students and had successfully supervised one MPhil graduate student. Under her supervision 27 students have successfully completed their PG dissertations. She is a BoS Member of the Department of Psychology, Holy Cross College, Tiruchirappalli. Dr Vithya serves as the Research Advisory Committee subject expert at the MS Chellamuthu Institute of Mental health and Rehabilitation, and the Doctoral Advisory Committee Member at the School of Social Sciences and Languages, VIT, Vellore. She is the Warden of the Cauvery Girls Hostel of CUTN from January 2020 onwards. ●

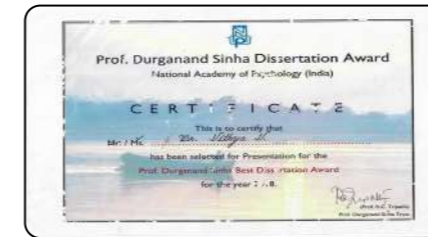


**RESEARCH AREAS**  
Adolescents Mental Health,  
Media and Mental Health,  
Disaster Mental Health and  
Maternal Mental Health



### FACULTY HIGHLIGHTS

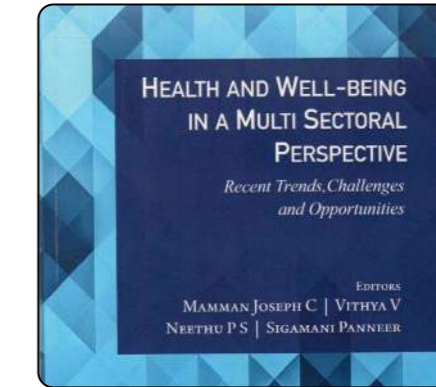
**1**  
Prof. Durganand Sinha  
Dissertation Award (December 2018)  
by the National Academy of  
Psychology (NAOP).



**2**  
Received the ICSSR – IMPRESS  
Project on *The Impact of  
Natural Disaster on the  
Mental Health of Rescue  
Workers* in April 2019.



Received Young Scientist Award  
2018 from the Governing Council of  
Indian School Psychology Asso-  
ciation. The award is instituted by  
Prof. Erika Vogit, School Psycholo-  
gist, Germany.



**4**  
Editor of the First Book Pub-  
lished in the Department:  
Mamman JC, Vithya V, Neethu  
PS, Panneer S. (Eds.). *Health  
and Wellbeing in a Multi-Sec-  
toral Perspective: Recent Trends,  
Challenges and Opportunities*.  
Bloomsberry: New Delhi. ISBN:  
9789388134996.

### TOP PUBLICATIONS

**Impact of flooding on mental  
health and resilience of ado-  
lescents in Kerala.**  
*International Journal of Disaster  
Risk Reduction*, 2023;96:103926.

**The impact of natural disaster  
on the mental health of  
rescue workers.** *Fifth World  
Congress on Disaster Manage-  
ment, IV*, 2023 : Routledge,  
Taylor & Francis Group. Chap-  
ter 51, 455-465.

**Usage of social media and  
perception of fake news  
among university students.**  
*Journal of Harbin Engineering  
University*. 2023;44(8):189-200.  
ISSN: 1006-7043.





Associate Professor

HIGHEST DEGREE

Ph.D. in  
Psychology in 2016  
Mahatma Gandhi University

## DR. C. MAMMAN JOSEPH

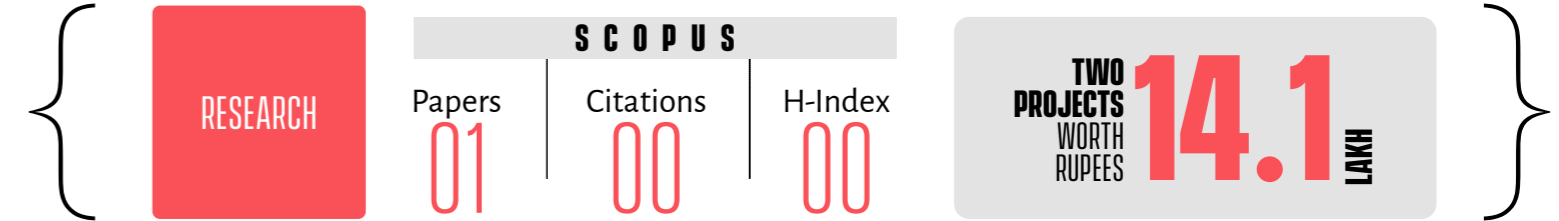
**D**r Mamman Joseph is an Associate Professor in the Department of Applied Psychology, Central University of Tamil Nadu, with 14 years of teaching experience at the university level and 19 years of experience in psychological counselling. Prior to his appointment at CUTN, he was an Assistant Professor in the Department of Psychology, Central University of Karnataka. He has also worked as a faculty in the School of Behavioural Sciences and Inter-University Centre for Disability Studies, Mahatma Gandhi University, Kerala. He was also a visiting faculty of the School of Medical Education, Mahatma Gandhi University and the State Institute for Medical Education and Technology, Kerala. He has a PhD in Psychology, and is a Gold Medalist in MSc Applied Psychology. Additionally, he has an MPhil in Psychology, an

MSc degree in Health and Behavioural Sciences and a Masters Diploma in Counselling Psychology. He has designed and conducted various workshops and training programmes related to soft-skill training, psycho-social care for the disaster-affected, and counselling. Dr Mamman's research interests include disaster mental health, suicidology, environmental psychology, work-life balance, and counselling. ●

**RESEARCH AREAS**  
Suicidology, Disaster Mental Health,  
Environmental Psychology  
and Maternal Mental Health

GOOGLE SCHOLAR

Citations 49 | H-Index 03 | i10index 01



### FACULTY HIGHLIGHTS

1

First-rank holder in MSc Applied Psychology, Annamalai University (2009) and recipient of the Psychology Research Prize for the best research project. He is also a recipient of His Excellency John Kenneth Galbraith Prize, Hon'ble Justice K Veerasami Prize, Hon'ble Shri C Subramanian Prize, Hon'ble Sri Manikkavelu Logic Prize and Sri Venkataratnam Naidu Prize for securing the highest marks in MSc Applied Psychology (2009).



2



Regularly organizes suicide prevention peer counselling training for the students and research scholars of CUTN. This training is instrumental in creating a ready-to-act volunteer group within the university to engage in suicide prevention and psychosocial support.

3



Dr Mamman, being a qualified Counselling Psychologist, utilises his professional expertise to offer counselling services to the University's students.

4

Imparts training on scholars in research and scholarly initiatives, and have helped them publish in international journals.

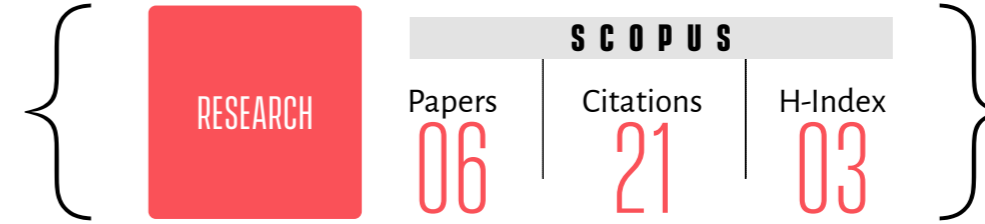
### TOP PUBLICATIONS

**The need for mental health promotion among pregnant women: A narrative review to strengthen the agenda.**  
*Women's Reproductive Health*, 2023; 1-20.

**Substance use and suicidal ideation among adolescents in Kerala.** *Journal of Indian Association for Child and Adolescent Mental Health*, 2021.

**Substance use and aggression among emerging adults.** *Indian Journal of Psychology*, 2020; 148-54.

**Perceived parental attachment and identity processing style among adolescents.** *Health and well-being in a multi sectoral perspective: Recent trends challenges and opportunities*. 2019; New Delhi: Bloomsbury.



Assistant Professor

HIGHEST DEGREE

Ph.D. in  
Psychology (Health  
Psychology) in 2016  
University of Hyderabad

## DR. PADIRI RUTH ANGIEL

**D**r Padiri Ruth Angiel joined the Central University of Tamil Nadu in 2019 as Assistant Professor, in the Department of Applied Psychology. Dr Ruth has pursued her doctorate under the guidance of Dr Meera Padhy at Centre for Health Psychology, University of Hyderabad. Her doctoral research work was in the area of Health Psychology. She has done her Masters of Science in Psychology from the Sampurna Montfort College, Bangalore, specializing in Clinical Psychology.

With an exposure to both Clinical and Health Psychology, her research interests include children's holistic development, adolescent's well-being and challenges faced by young adults, women's mental health and developing interventions for diabetes management. She has published her research work in various reputed journals over the years and has also presented papers in national and international

conferences. Dr Ruth is a passionate teacher, driven to provide the younger generation professionals with in-depth knowledge of the subject and to instill in them deep desire to explore and broaden their horizon of knowledge.

Her competence is well established and appreciated by all her students. With an intention to have a broader impact on society, she intends to take up, relevant need based projects, to reach out and create awareness and provide interventions especially for adolescents and women centered issues. Dr Ruth has facilitated workshops with various groups of adolescents, and has worked in rehabilitation centre for adolescents as a counsellor. ●

**RESEARCH AREAS**  
Health Psychology, Developmental Psychology, Adolescents Wellbeing, Maternal Mental Health, Parenting, LGBTQ+

GOOGLE SCHOLAR



RESEARCH

FACULTY HIGHLIGHTS

1

Research experience among vulnerable groups such as LGBTQ+ Community.



2



Counseling experience in a Rehabilitation Centre.



3 Facilitated numerous workshops and outreach programs for teachers, students and parents.

TOP PUBLICATIONS

**Understanding self-care behaviours among type II diabetes patients: A behaviour Change Models' Perspective.** *Current Diabetes Reviews*, 2022.

**The psycho-social support scale (PsychoSS-22): Development and validation.** *Indian Journal of Social Work*, 2022.

**Well-being of police personnel: Role of perceived social support and perceived control of internal states.** *Police Journal: Theory, Practice and Principles*, 2022.





Assistant Professor

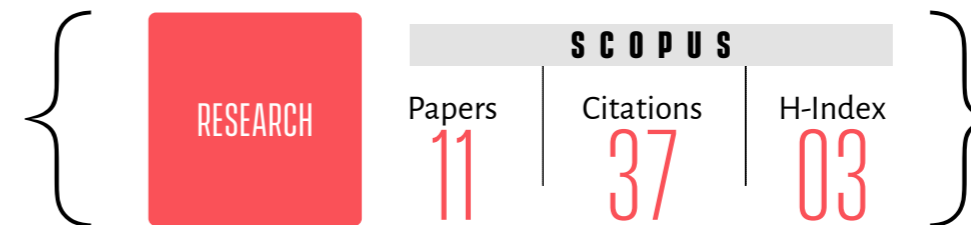
HIGHEST DEGREE

Ph.D. in  
Psychology in 2022  
Central University of  
Karnataka

## DR. LAKSHMI R.

**D**r Lakshmi is an Assistant Professor in the Department of Applied Psychology at the Central University of Tamil Nadu, Thiruvavur. Previously, she has worked as an Assistant Professor (on contract) and as a Research Associate. She completed her five-year integrated programme in Clinical and Counselling Psychology from the Department of Psychology at the Central University of Karnataka,

as well as her doctorate degree in Psychology with a focus on health behaviour from the same university. Her research interests include the health and addictive behaviour of adolescents. ●



### FACULTY HIGHLIGHTS

1

Book Chapter 1: Rajkumar E, Romate J, Lakshmi R. (2021). Application of Health Belief Model to Consumer Behaviour in the context of COVID-19. In: M Gulmez (Eds), *Understanding The Consumer Behaviour During COVID-19 Pandemic* (pp37-50). ISBN: 978-625-7679-33-6. AkademiSyenKitabevi.

2



Book Chapter 2: Rajkumar E, Romate J, Lakshmi R, Kruthika GT (2022). Smoking and Alcohol consumption among Type-2 Diabetes: Health Behaviour Models-Based Investigation. In: Hariharan M, Padhy M, Chivakula U. (Eds), *Health Psychology: Contributions to Indian Health System*. Routledge India, Taylor and Francis.

### TOP PUBLICATIONS

**Factors influencing tobacco use behaviour initiation - From the perspective of the capability, opportunity, motivation-behaviour (COM-B) model.** *Heliyon*, 2023; 9(6):e16385.

**Influence of decision-making styles and affective styles on academic procrastination among students,** *Cogent Education*, 2023; 10:1.

**What contributes to COVID-19 vaccine hesitancy? A systematic review of the psychological factors associated with COVID-19 vaccine hesitancy.** *Vaccines*. 2022; 10(11):1777.

RESEARCH AREAS  
Health Psychology, Clinical Health Psychology and Behavioural Psychology

GOOGLE SCHOLAR



TOTAL INDUSTRY EXPERIENCE IN YEARS

0

TOTAL TEACHING AND RESEARCH EXPERIENCE IN YEARS

01

BOOKS

0

BOOK CHAPTERS

02

JOURNAL ARTICLES

12

**SCHOOL OF COMMERCE AND  
BUSINESS MANAGEMENT**



**Dr. Vinodan A.**  
Associate Professor & Head



**Dr. Velmurugan P.S.**  
Associate Professor



**Dr. Ramesh Kumar S.**  
Assistant Professor



**Dr. Mahalakshmi S.**  
Assistant Professor



**Dr. Vilas**  
Assistant Professor



**Dr. S. Sivaprakash**  
Assistant Professor

**DEPARTMENT OF  
COMMERCE**



RESEARCH

Papers 02 | Citations 04 | H-Index 01

SCOPUS

FOUR PROJECTS WORTH RUPEES 1 CRORE



Associate Professor

HIGHEST DEGREE

Ph.D in Commerce in 2009  
Pondicherry University

## DR. VELMURUGAN P. S.

Dr Velmurugan is a Fulbright Post-doctoral Fellow and the Former Dean for the School of Commerce and Business Management at Central University of Tamil Nadu (CUTN). Presently, he is the Dean for the School of Legal Studies and Associate Professor in the Department of Commerce at the Central University of Tamil Nadu.

He is also the Nodal Officer for the Community College and the flagship Unnat Bharat Abhiyan (UBA) programs of Central University of Tamil Nadu, besides being the Students' Placement Officer and former chairperson of the Public Relations Committee of CUTN. He also served as Assistant Professor of Commerce for about eleven years at Pondicherry University, where he was also the deputy coordinator of the UGC-SAP program on Derivatives and Risk Management. Prior to his academic career, he had close to nine years of industry experience in Paper and Leather goods manufacturing

in the managerial capacity. His postdoctoral research was in the area of U.S Agricultural Commodity Futures Market at Arkansas State University, USA. He has rich experience in International Taxation, International Finance, International Business, Financial Derivatives, and Security, and Commodity Markets. He has edited NINE books in diverse fields viz. Export Credit Insurance, Financial Derivatives, Commodity Derivatives, Excessive Speculation, Debt Derivatives and two books on International Taxation, National Education Policy-2020, Impact of Covid-19 on Stock Market, Carbon Trading and Mitigating Climate Change. He has also authored books on social importance such impact of GST and Statehood for Puducherry. Dr.Velmurugan.PS is the member of the Board of Studies for various institutions and is the Academic Council member of Sri Ramachandra University (SRIHER) and CUTN. He has several research articles in reputed national and international journals. ●

RESEARCH AREAS  
Financial Derivatives, Commodity Derivatives, Corporate Governance, Indirect Taxation, International Taxation, Carbon Trading

GOOGLE SCHOLAR  
Citations 126 | H-Index 06 | i10index 01

RESEARCH

### FACULTY HIGHLIGHTS

1  
Awarded Fulbright-Nehru Postdoctoral Research Fellowship to conduct research at the Arkansas State University, USA (2011-12).



2  
Recipient of Dr. Sarvepalli Radhakrishnan Best Teacher Award for dedicated service at Higher Education Level by REPRC on 5 September 2021.



Received UGC Research Award 2016 – 2018, on 'Sustaining Corporate Prosperity by Integrating Social Environmental and Ethical Responsibilities into the Governance of Business'.



4  
Filed two patents on Online Property Spot Exchange and Online Property Derivatives Exchange (OPDE) – 2013.

5  
Instrumental in establishing the School of Legal Studies in 2019 and the Center for Climate Change Studies in 2022 at CUTN.

### TOP PUBLICATIONS

**Impact of COVID-19 pandemic on equity-oriented mutual funds: A preliminary analysis of Indian mutual funds industry.** *International Journal of Financial Engineering*, 2022; 08(01): 2150006.

**Current status of research on farmer producer organizations: A systematic review,** *American Institute of Physics Conference Series*, 2022; 2393(1): 10.

**Member's intention to participate in farmer producer company activities in Cauvery Delta region of Tamil Nadu.** *Current Agricultural Research Journal*, 2023; 11(1).

**Crude oil price and government effectiveness: The determinants of corruption in oil abundant states.** *Journal of Public Affairs*, 2022; 22(S1).

TOTAL INDUSTRY EXPERIENCE IN YEARS 05 | TOTAL TEACHING AND RESEARCH EXPERIENCE IN YEARS 25 | BOOKS 15 | BOOK CHAPTERS 36 | JOURNAL ARTICLES 57



Associate Professor

HIGHEST DEGREE

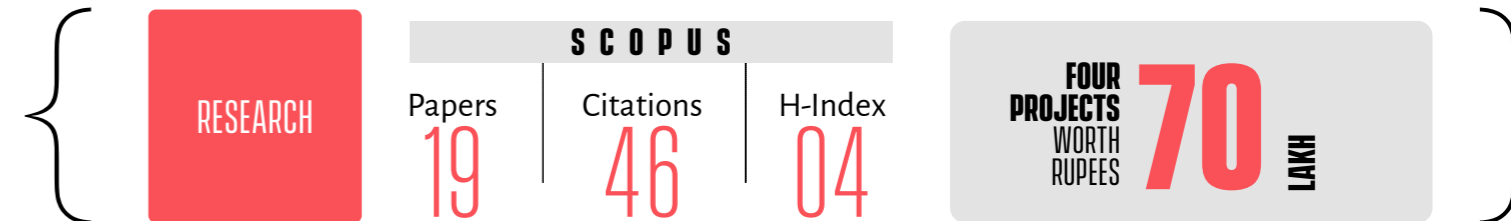
Ph.D. in Management in 2017  
Cochin University of Science and Technology, Kochi

## DR. VINODAN A.

Dr Vinodan is presently working as an Associate Professor in the School of Commerce and Business Management, Central University of Tamil Nadu. He was the founder Nodal Officer (Campus Head) of the Indian Institute of Tourism and Travel Management (Ministry of Tourism, Government of India) South Campus, Nellore. He holds a PhD from Cochin University of Science and Technology, Kerala.

He has 16 years of teaching and research experience in Commerce, Management, and Tourism, particularly research in Human Resources Management, Marketing, Micro Finance, Tourism, and Sustainability. He has introduced the first approved PGDM/MBA in Tourism and Cargo management program in the Country. He is a Certified Trainers Trainer of the WFTGA, UK, and holds Research Certification from the University of Amsterdam. He has completed MDP from SHRI Singapore. He

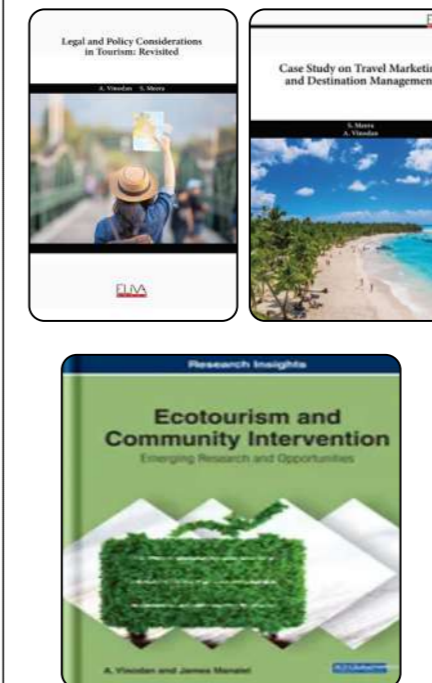
has undertaken various research and consultancy services for the Ministry of Tourism (GOI) and State Governments, and published articles in refereed international journals of Elsevier, Taylor and Francis, Springer, Sage, Emerald and, Policy papers/ Case studies including UNEP, MOEF of Government of India. He has received several review assignments from IGBR, IGI, Sage, Taylor and Francis, Emerald, and Springer group journals. ●



### FACULTY HIGHLIGHTS

1

Dr Vinodan is actively involved in empirical research on the service sector and sustainability. His recent research covers technology and innovations among small and marginalized enterprises, and the entrepreneurship development possibilities are explored with social vision and orientation. Regarding sustainability and quality orientations, the institutional effectiveness and quality management of grass-roots institutions are studied. A particular focus on individual-centric market orientation, among marginalized entrepreneurs.



Besides human resource management, supporting skill and capacity building and supplementing better ESG practices are contemporary research topics. The microfinance models and applications in tune with the SDG gained attention. He will focus on quality and sustainability measurement to strengthen his ESG and SDG contributions.

### TOP PUBLICATIONS

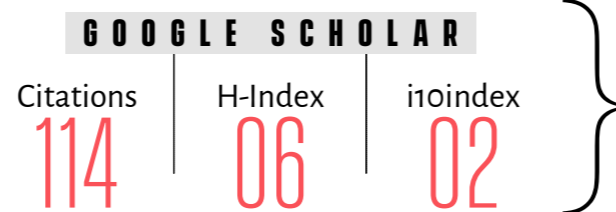
**Innovative approach and marketing skill: A case study of artisan entrepreneurs of India.** *Journal of Entrepreneurship in Emerging Economies*, 2022.

**Sustainability initiatives, development and well-being: Understanding linkages in tourism.** *Society and Business Review*, 2023; 18 (4): 572-591.

**Potential for social entrepreneurship in tourism in the city of Chennai.** *International Journal of Tourism Cities*, 2021; 7 (4): 986-1007.



**RESEARCH AREAS**  
Human Resource, Marketing, Micro Finance, Tourism and Sustainability





Assistant Professor

HIGHEST DEGREE

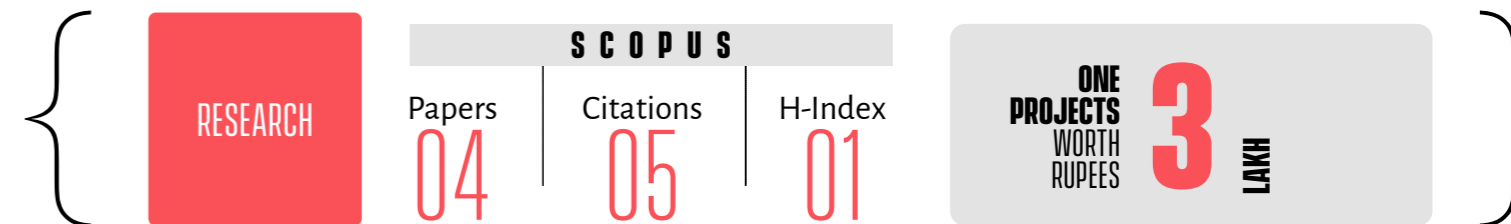
Ph.D. in Commerce in 2008  
Madurai Kamaraj University

## DR. RAMESHKUMAR S.

**D**r Rameshkumar Subramanian is an Assistant Professor and Research Supervisor in the Department of Commerce, School of Commerce and Business Management, Central University of Tamil Nadu. He specialises in the field of banking and finance.

His research interest includes Digital Banking, Digital Payments, Financial Literacy, Financial Well-being, CSR, and FDI. He has more than 16 years of teaching and research experience and guided one PhD, 17 MPhil and more than 70 PG projects. He has completed a research project on Financial Literacy sponsored by the ICSSR, New Delhi. Currently working on the areas like digital payments, financial literacy, Financial Behaviour, Financial Well-being, and Financial Personality. Published 15 research papers, one book, and three book chapters. Worked as a Research Fellow in the research project funded by the UGC. He has

served as the Field Investigator in the research programme on Tamil Nadu Assembly Election Study 2006 undertaken by the Centre for the Study of Developing Societies, New Delhi. ●



### FACULTY HIGHLIGHTS

- 1 Best Paper Award at the 2<sup>nd</sup> International Conference on Banking, Finance and Business – ICBFB2023 held on March 15-16, 2023 at the College of Banking and Financial Studies, Muscat, Sultanate of Oman.
- 2 Best Paper Award in the International Seminar on Rural Development in Asia Pacific Region organized by the NIRD&PR, Guwahati in Collaboration with Bangladesh Academy for Rural Development, Bangladesh during August 24-28, 2020.
- 3 Recipient of Bharat Jyothi Award from India International Friendship Society, New Delhi on 7th December 2015.
- 4 Designed and developed the curriculum for BCom (Professional Accounting), M Com (Finance) and Certificate Course in Financial Literacy.
- 5 Treasurer, Central University of Tamilnadu Alumni Association, CUTN.



### TOP PUBLICATIONS

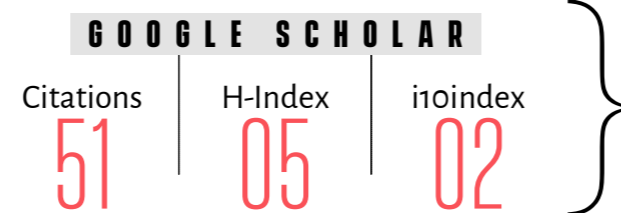
**Financial literacy among the beneficiaries of PMJDY – The case of Sathangudi village in Madurai District of Tamilnadu**, *International Journal of Advance and Innovative Research*, 2019; 6 (2): 55-61.

**Continuance intention to use smartphone-based payment services: The role of pre-adoption expectancies, usage experience, and conventional inhibitions**, *Journal Financial Services Marketing*, 2023.

**Determinants of preference of milk and milk products, the case of rural and urban areas in Kanchipuram district of Tamilnadu**, *The Indian Journal of Marketing*, 2018; 48 (2): 52-65.



RESEARCH AREAS  
Banking and Finance





Assistant Professor

HIGHEST DEGREE

Ph.D. in Commerce in 2014 University of Madras

## DR. MAHALAKSHMI S.

Dr Mahalakshmi is an Assistant Professor in the Department of Commerce, Central University of Tamilnadu. Before joining CUTN, she was associated with reputed institutions like NIT Silchar, SRM University, GITAM Institute of Management, and the University of Madras.

She holds a PhD degree in Commerce with a specialization in Finance and International Business. Her area of research for the award of the PhD degree is foreign direct investments. She has more than ten years of teaching experience in commerce and management. She has more than 20 publications in finance and international business. She is the life member of leading professional bodies namely, Indian Commerce Association, Indian Econometric Society and Indian Accounting Association. ●

RESEARCH

RESEARCH AREAS  
Sustainable Finance, International Finance, Derivatives, Corporate Finance and Financial Economics

GOOGLE SCHOLAR

Citations 199 | H-Index 08 | i10index 7

RESEARCH

Papers 08

SCOPUS

Citations 49

H-Index 03

### FACULTY HIGHLIGHTS

1

Research articles on FDI, disinvestment, commodities derivatives, stock market and currency rate volatility and spillovers and corporate sustainability supplemented her credentials. Current working papers are on ESG, Sustainable Finance and Environmental Migration, etc.

2



One of her research papers has been presented in the prestigious global finance conference - FMA – 2018 Annual Meeting organized by the Financial Management Association, San Diego, CA, USA.

3

She has received best paper award in the International Management Conference organized by Fortune Institute of International Business, New Delhi.



### TOP PUBLICATIONS

Return and volatility spillover effects between rupee and dollar exchange rate and asian stock indices. *Journal of Emerging Market Finance*, 2022; 21(4): 428-450.

Financialisation of agricultural commodity and its trading during COVID-19 pandemic. *International Journal of Electronic Finance*, 2021; 10(4): 260-269.

An assessment of the causal relationship and price dissemination of commodity spot and futures contracts. *South Asian Journal of Management*, 2020; 27(1): 103-121.

Spillover effect of US dollar on the stock indices of BRICS. *Research in International Business and Finance*, 2018; 44: 359-368.

TOTAL INDUSTRY EXPERIENCE IN YEARS 0

TOTAL TEACHING AND RESEARCH EXPERIENCE IN YEARS 10

BOOKS 0

BOOK CHAPTERS 1

JOURNAL ARTICLES 25



Assistant Professor

HIGHEST DEGREE

Ph.D. in Commerce in 2022 Central University of Karnataka

## DR. S. VILAS

Dr Vilas is serving as an Assistant Professor in the Department of Commerce, Central University of Tamil Nadu from January 2023. He has completed his MCom as well as PhD degrees from the Central University of Karnataka. As of now, he has published seven research papers in UGC listed journals. His area of research interest includes - Finance, Banking, MSMEs, FinTech, etc. Vilas has vast computer

knowledge in software's like Tally, SPSS, Prowess IQ Data Base, Python and R programming.



RESEARCH AREAS  
Finance, Banking, MSMEs, FinTech

GOOGLE SCHOLAR

Citations 07 | H-Index 01 | i10index 0

FACULTY HIGHLIGHTS

1

Presented Research Paper entitled "Role of Information Technology in HRM of Factoring Business" at International Conference on "Inculcating Human Values through Art, Literature, Culture, Management and Technology organized by ICMDR Mumbai 2020.



2

Presented Research Paper entitled "Role of TReDS Technology in HRM at Factoring Business" at International Conference on "Recent Trends and Innovations in Multidisciplinary Research" organized by IEC University Himachal Pradesh, India.

TOTAL INDUSTRY EXPERIENCE IN YEARS 0

TOTAL TEACHING AND RESEARCH EXPERIENCE IN YEARS 02

BOOKS 0

BOOK CHAPTERS 0

JOURNAL ARTICLES 07

TOP PUBLICATIONS

Assessment of efficiency of public factoring companies in India. *Orissa Journal of Commerce*, 2021; 42(2): 31-40.

Comparative study of public and private factoring companies in India: An empirical analysis. *Studies in Indian Place Names*, 2020; 40(40): 903-915.

Role of TReDS technology in HRM at factoring business. *Studies in Indian Place Names*, 2020; 40(56): 698-707.

Solvency analysis of private factoring companies in India-an empirical analysis. *Akshar Wangmay*, 2019; 50-54.



Assistant Professor

HIGHEST DEGREE

Ph.D. in Commerce in 2018 University of Madras

## DR. S. SIVAPRAKASH

Dr Sivaprakash has been a Gold Medalist in MCom and MPhil, and is a recipient of the prestigious Rajiv Gandhi National Fellowship for Persons with Disabilities for the year 2016-17. Prior to joining CUTN, he has worked as Assistant Professor in SRM-IST, Chennai from July 2018 to December 2022. He

has published 20 original articles, and two book chapters. Besides, he also owns two patents. ●

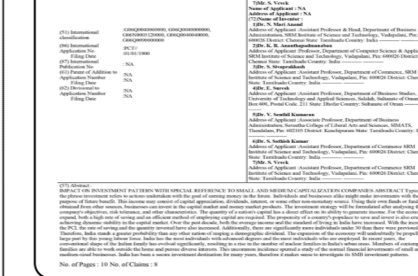


### FACULTY HIGHLIGHTS

1 Recipient of Rajiv Gandhi National Fellowship for Persons with Disabilities for the year 2016-17



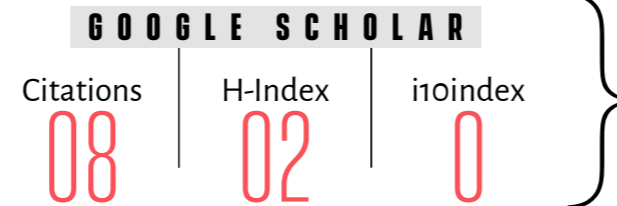
2 Cryptocurrency Based Finances Transaction Management System (Application Number: 202241036603, The Patent Office Journal No. 26/2022).



3 (2022). Impact on Investment Pattern with special reference to Small and Medium Capitalization Companies (Application Number: 202241062668, The Patent Office Journal No. 46/2022).



RESEARCH AREAS  
Mutual Funds, Share Market, Financial Investment and Marketing



### TOP PUBLICATIONS

A paradigm shifts in digital payment transactions UPI, IMPS & NFS before and after COVID-19 to seize opportunity of cashless economy in India. *Central European Management Journal*, 2022; 30(4): 915-923.

The persistence of volatility in NIFTY 50. *Indian Journal of Research in Capital Markets*, 2022; 9(2-3): 8-18.

Study on causality and impact of foreign direct investment on gross domestic product of India. *Shanlax International Journal of Arts, Science and Humanities*, 2020; 7(5): 27-31.



## SCHOOL OF COMMERCE AND BUSINESS MANAGEMENT



**Dr. Sreenivasa Murthy K.**  
Associate Professor & Head



**Prof. A. Chandra Mohan**  
Professor



**Dr. Sudha G.**  
Professor



**Dr. Ashokkumar J.**  
Assistant Professor



**Dr. Preeti R. Gotmare**  
Assistant Professor



**Dr. Visalakshmi S.**  
Assistant Professor



**Dr. A. Mansurali**  
Assistant Professor

# DEPARTMENT OF MANAGEMENT



Associate Professor

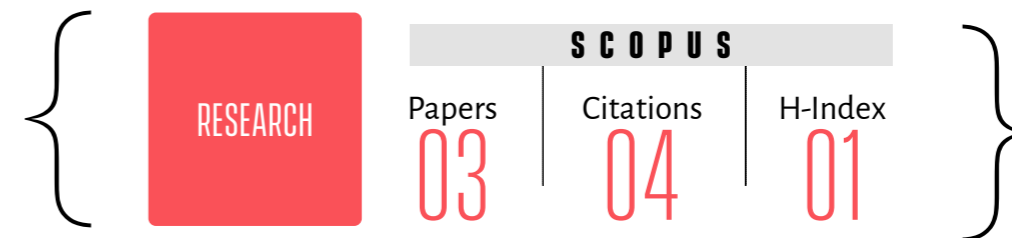
HIGHEST DEGREE

Ph.D. in Commerce in 2011  
Sri Venkateswara University

## DR. SREENIVASA MURTHY K.

**D**r Sreenivasa Murthy joined Central University of Tamil Nadu on 7th January, 2020 as Associate Professor in the Department of Management, Central University of Tamil Nadu. He was awarded Doctorate from Sri Venkateswara University, Tirupati in the area of finance. As an active researcher, he is particularly interested in areas such as Accounting, Finance, Banking, Entrepreneurship and Marketing. He has total work experience of 24 years in teaching Accounting, Finance and Management subjects at UG and PG Level. He has published 30 research papers and articles in reputed national and international journals. He has participated more than 50 national and international seminars, conferences and

workshops and authored two books, and has co-authored three books. He has conducted training programmes in the areas of finance and accounts, cost management, corporate accounting, strategic management etc. ●



### FACULTY HIGHLIGHTS

1

He has published 30 research papers in reputed national and international journals, participated in more than 50 national and international seminars, conferences and workshops, authored two books and co-authored three books, and also has one patent to his credit.

2



He is a life member of the All India Accounting Association and the Indian Academic Research Association.

3

He is also a recipient of the ICSSR Short-Term Doctoral Fellowship.

4

He is an editorial board member and reviewer for various national and international journals.

### TOP PUBLICATIONS

**Impact of HR Practices on Organizational Effectiveness: A Study with special reference to Engineering Colleges, Chennai, Tamil Nadu.** *International Journal of Asian Business and Information Management (IJABIM)* IGI Global, 12(2): 157-168, (April-June, 2021).

**A Qualitative Analysis of the Customers' Perceptions of the Restaurant Services in Bangalore,** *Global Business Review* (Sage Publication), 2023.

**Role of attributes in influencing customer satisfaction: a study with reference to jewelry stores in Chennai,** *International Journal of Business Competition and Growth*, 8(3): 132-146, January, 2023.

RESEARCH AREAS  
Finance, Banking, Marketing and Entrepreneurship

### GOOGLE SCHOLAR







Professor

HIGHEST DEGREE

Ph.D. in Management in 2003  
Sri Krishnadevaraya University

## PROF. A. CHANDRA MOHAN

Prof Chandra Mohan is the former Head of the Department of Management and former Dean of School of Commerce and Business Management at the Central University of Tamil Nadu, Thiruvarur. He has been the former Registrar of the Rajiv Gandhi National Institute of Youth Development, Government of India.

He is also the former Professor of Management Studies at the SRM University Chennai and the former Head of Business Studies University of Technology and Applied Sciences at the IBRI, Government of Oman. He has served as the founding Head of Business Studies, University of Technology and Applied Sciences, IBRI Government of Oman. He has completed his MA and PhD from the Sri Krishnadevaraya University, Anantapur, Andhra Pradesh. He has over 30 years of teaching, academic and administrative experience. Prof Mohan has initiated and organized many online guest lec-

ture sessions by renowned academicians, Vice Chancellors and leaders/entrepreneurs from the competitive corporate world during the academic year, 2020-21. As the Dean of School of Commerce and Business Management, he has organized many online sessions and conferences. Prof Mohan has published over 80 articles in refereed journals, and has presented over 90 papers in different national and international seminars/conferences conducted by leading universities and professional bodies. He has authored seven text books - The leadership styles of Indian Managers; Human Resource Management; Leadership and Management; Receivables Management and Entrepreneurship; Training and Development; Work Culture and Employee Engagement; Work Life Balance among doctors in corporate hospitals. Throughout his entire academic career, Prof Mohan has had the privilege of having supervised 19 PhD graduates. ●

RESEARCH AREAS  
Human Resource Management and General Management

### GOOGLE SCHOLAR

Citations 251 | H-Index 06 | i10index 04

RESEARCH

### FACULTY HIGHLIGHTS

1

Authored a text book titled *Work Culture and Employee Engagement*. APH Publishing House, 2021.

2

Authored a text book titled *Work Life Balance among Doctors of Corporate Hospitals in Chennai* APH Publishing House, 2022. ISBN 978-93-91979-36-2.

3



*Leadership and Management (Text, Cases, Exercises)*, Himalaya Publishing House, Mumbai. ISBN: 978-81-8318-807-4- 013.

4

Bennett University, Greater Noida; INC Panel Member on 15th September 2023.

5

Jury member of Ideal Best Teaching Awards by RR KITS ITAP AWARDS on 2nd October 2022 at Ramachandrapuram, Andhra Pradesh

### TOP PUBLICATIONS

**The impact of digitalization on the economic growth of a country**, *International Conference on Managing Economic Development and Financial Stability in the Era of SDGS and ESGs*, IIM Bodh Gaya, Bihar, 2022.

**The relevance of social media for business, marketing, and preferences for customers**, *International Conference on Leading the Business of the Future: Talent, Technology, And Transformation in A Changing World*, 2022.

**The influence of brand personality on the consumer purchasing decision towards different cars brand**, *MDC and VG SoM Research Scholars Day*. IIT Kharagpur, 2023.

TOTAL INDUSTRY EXPERIENCE IN YEARS 0 | TOTAL TEACHING AND RESEARCH EXPERIENCE IN YEARS 31 | BOOKS 07 | BOOK CHAPTERS 04 | JOURNAL ARTICLES 78



Professor

HIGHEST DEGREE

Ph.D. in Business Administration in 2008  
Annamalai University

## DR. SUDHA G.

Dr. Sudha started her career as an Assistant Professor in the Department of Business Administration, Annamalai University in 2001, and later, joined the Department of Management, Central University of Tamil Nadu as an Associate Professor in November 2017.

Currently, she is a Professor in the Department of Management, Central University of Tamil Nadu. Her career is based chiefly on the four components teaching, research, training and certain administrative responsibilities.

Her major interest is to transform knowledge into action with a focus on improving the skills of women and youngsters. Majority of her research activity is focused on women empowerment. The major areas where she has contributed significantly with financial support of UGC and ICSSR includes studies on work life balance among working women and marketing and other business opportunities for fisheries

women. She is a certified Direct Trainer and Design of Training from the Department of Personnel and Training, Government of India. She has designed a training module by considering the needs of CUTN students to enrich their employability skills. She reaches all sections of people like entrepreneurs, executives, business people, women employers, entry and middle level managers, teachers, and students through training. For corporate, she has extended her training to the employees of NLC India Ltd., SRF Industries, VV minerals, Eureka Personality Development Centre, Srilanka and Department of Excise, Srilanka. ●

### RESEARCH AREAS

Work Life Balance, Organizational Citizenship Behaviour, Employability Skills, Emotional Intelligence

RESEARCH

### GOOGLE SCHOLAR

Citations 06 | H-Index 02 | i10index 0

RESEARCH

Papers 01

### SCOPUS

Citations 00

H-Index 00

TWO PROJECTS WORTH RUPEES 14 LAKH

### FACULTY HIGHLIGHTS

1

Certified as *Direct Trainer* from Department of Personnel and Training, Government of India.



2 Certified in *Design of Training* from Department of Personnel and Training, Government of India.

3

Employability Skills: To address the challenges faced by rural students in gaining employability, a separate module for employability skills was developed by her. After analysis of the challenges related to employability, the module, she prepared addresses confidence building, fear management, resume preparation, and interview techniques. It also covers etiquettes and assertive communication.

4

Work Life Balance: By understanding the difficulties and problems faced by working women, a module named Better Balance has been developed by her. This module is well addressed, from training needs analysis to various strategies to balance all six phases of life. By using this module, various segments like teachers, managers, entrepreneurs, executives, and employees are trained both in India and Sri Lanka.

### TOP PUBLICATIONS

**Effect of demographic factors on organizational citizenship behavior.** *Test Engineering & Management*, 2020; 83(1): 5959-5969.

**The ploy of native advertising.** *Journal of Critical Reviews*, 2020; 7(6).

**Impact of psychological variables on organizational commitment.** *Shanlax International Journal of Commerce*, 2018; 6(1): 121-129.

**Child delivery management practices and its determinants: A district level analysis in Gujarat state.** *The Business Review*, 2014; 20(1).

TOTAL INDUSTRY EXPERIENCE IN YEARS 0

TOTAL TEACHING AND RESEARCH EXPERIENCE IN YEARS 22

BOOKS 0

BOOK CHAPTERS 08

JOURNAL ARTICLES 45

RESEARCH

ONE PROJECTS WORTH RUPEES **71** LAKH



Assistant Professor

HIGHEST DEGREE

Ph.D. in Management in 2014 Alagappa University

## DR. ASHOKKUMAR J.

Lieutenant Dr J Ashokkumar is an Assistant Professor in the Department of Management, Central University of Tamil Nadu. He received a doctorate degree from Alagappa University. He has over 10 years of rich experience in teaching and 12 years of research experience in the area of Management. He is a vivid learner and data science enthusiast. His area of specialization includes digital marketing, operations and international business. He was a UGC-Senior Research Fellow. He has published more than 25 papers in both national as well as international journals. He has been commissioned as an officer at the

rank of Lieutenant in the Indian Army (NCC-SD) on 31st August 2019, and has completed the NCC-SD Refreshers Course on 12th July 2022 for the next rank i.e. the Captain. ●

### FACULTY HIGHLIGHTS

1

He has published a book titled *Customer Relationship Management* by KY Publications in February 2021.



3



He is a Co- Investigator of DST- SEED Project Entitled "Capacity Building and promoting good husbandry practices among livestock farmers for the livelihood, sustainable livestock production and upholding public health" at a total cost of Rs. 71,35,828.

4

Lieutenant Dr Ashokkumar has received the appreciation award for the best Associate NCC officer from Commodore Atul Kumar Rastogi, DDG, Chennai on 05.09.2023.

5

As a UGC - Senior Research Fellow, he has published more than 25 papers in both national and international journals.

### TOP PUBLICATIONS

**Consumer behavior and potential niche marketing of food industry during COVID 19 pandemic.** *Journal of Management and Science*, 2023; 194 -199.

**Consumer behavior and potential Niche marketing of food industry during COVID 19 pandemic.** 2023; 21(3): 321-337.

**Key drivers of purchase intention among students: A perspective of shopping using social media.** *World journal of management and Economics*, 2022; 15(12): 41-57.

**The road to an electric vehicle future still has a few potholes, but these challenges can be fixed.** *Journal of Fundamental & Comparative Research*, 2022; 8(16): 119-121.

RESEARCH

RESEARCH AREAS  
Digital Marketing

GOOGLE SCHOLAR

Citations **07** | H-Index **01** | i10index **0**

TOTAL INDUSTRY EXPERIENCE IN YEARS

**01**

TOTAL TEACHING AND RESEARCH EXPERIENCE IN YEARS

**10**

BOOKS

**01**

BOOK CHAPTERS

**06**

JOURNAL ARTICLES

**24**



Assistant Professor

HIGHEST DEGREE

Ph.D. in Finance in 2015  
Rashtrasant Tukdoji Maharaj Nagpur University

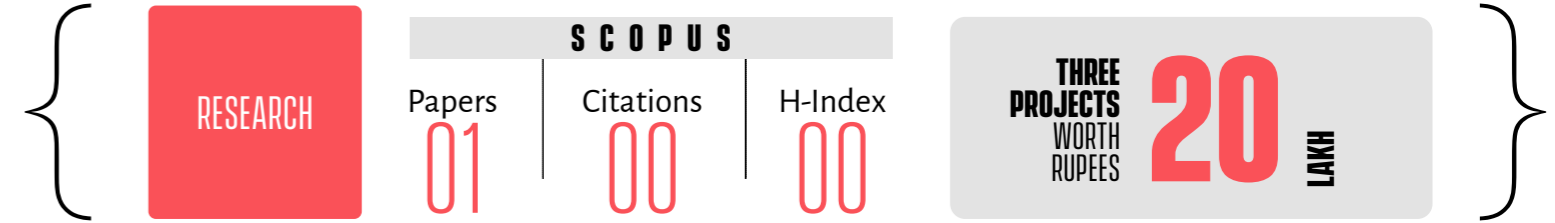
## DR. PREETI R. GOTMARE

Dr Preeti Ravindra Gotmare started her research career in 2015 as a post-doctoral researcher at the Rashtrasant Tukdoji Maharaj Nagpur University, Nagpur, Maharashtra. Her dedication in research led to her being the top recommendation of the UGC Selection Committee for this prestigious position. She was also the first PDF researcher in the School of Commerce and Business Management, RTM Nagpur University, Nagpur. During her stint there, she has researched on various aspects of skill development for the unorganised sector in Maharashtra. In 2017, she joined the Department of Management as an Assistant Professor.

She is an enthusiastic marketing researcher working on digital marketing and consumer behaviour. She was awarded a research project funded by the Mahatma Gandhi National Council for Rural Education, Hyderabad, MOE to study the possibilities of including the Mahat-

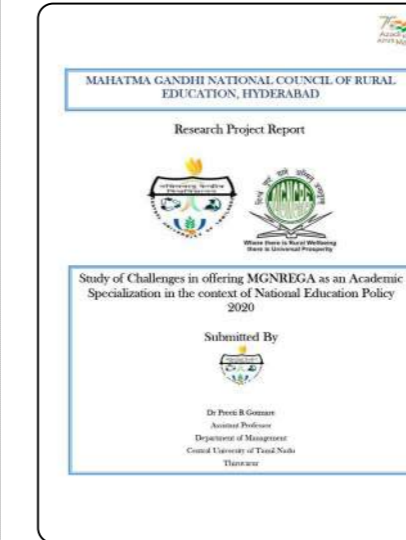
ma Gandhi National Rural Employment Guarantee Scheme (MGNREGS) as an academic specialisation in the context of the National Education Policy 2020 and skill development programme. She has worked to study the changes in pay disparity, physical health, psychosomatic distress, and anxiety among female laborers of the unorganised sector during the COVID-19 pandemic period in selected southern Indian states on a project funded by the National Commission for Women, New Delhi.

Dr Preeti has published research papers in UGC CARE listed, Scopus- and ABDC-indexed journals. She has authored two books, delivered invited lectures and has presented research papers at several national and international conferences. She has a PhD and an MPhil degree, and has mentored and supervised more than 50 PG students till date. ●



### FACULTY HIGHLIGHTS

1 Published book on Rashtriya Swasthya Beema Yojana, Swapnaja Publication, Nagpur, 2016.



2 She has also trained scholars in research and scholarly initiatives and have helped them publish in international journals.

3 Published book on Business Promotion and Administration, JRF International Book Publication, New Delhi, 2019.

### TOP PUBLICATIONS

Study of challenges in offering MGNREGA as an academic specialization in the context of National Education Policy 2020, *Indian Journal of Rural Education and Engagement*, 2023; 6(8): 3058-3064.

Impact of customer perception of value co-creation for personalization in online shopping. *International Journal of E-Business Research*, 2022, 18(1): 1-20.

Impact of perceived brand ethicality: Evidence from Indian e-commerce market in a personalised pricing context. *The Indian Journal of Commerce*, 2022; 75(1): 01-23.

Price transparency issues and treating customer fairly by e-commerce firms in India. *Journal of Contemporary Issues in Business and Government*, 2021; 27(5): 1403-1413.



RESEARCH AREAS  
Consumer Behavior, Marketing Research, Banking and Finance, Rural Banking and Micro Financing





Assistant Professor

HIGHEST DEGREE

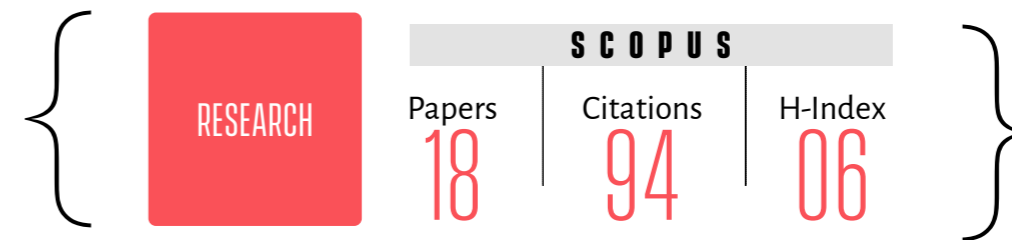
Ph.D. in Finance in 2017 Bharathiar University

## DR. VISALAKSHMI S.

**D**r Visalakshmi is an Assistant Professor of Management at the Central University of Tamil Nadu, India. She is a university rank holder and a Gold Medalist in MBA.

She earned her PhD in the area of finance from Bharathiar University, Coimbatore. She has been in academics for 13 years and has four years of overseas/domestic industrial experience. She has worked with reputed institutes like the National Institute of Technology, Trichirappalli and the Vellore Institute of Technology, Vellore. She has published 30 research papers in various journals of international repute listed in SSCI, ABS, ABDC and Scopus databases. Dr Visalakshmi has presented around 20 research papers in international and national conferences and has participated more than 60 workshops and FDP's organised by reputed institutes. She

has also conducted several workshops, seminars, conferences and value-added programmes throughout her tenure. Besides, she has also delivered lectures as a resource person in various training programmes. She is a member of the American Economic Association. ●

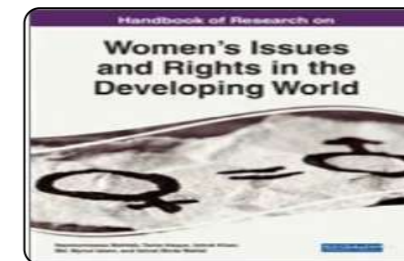


FACULTY HIGHLIGHTS

1

Dr S Visalakshmi is a distinguished MBA graduate, holding the honor of both a university rank and a gold medal for her outstanding academic achievements.

3



Dr Visalakshmi has completed a diverse array of advanced training programs like Financial Modeling and Analytics course at IIT Madras, an exploration of Artificial Intelligence and Blockchain Applications at IIPM Bangalore, a comprehensive study of Data Mining and Data Analytics at NIT Trichy.

4

She explores the applications of deep learning and machine learning in finance, with a focus on their use in predicting financial market trends and optimising investment portfolios.

5

Dr S Visalakshmi's has also published book chapters that delves into Women Entrepreneurship and Empowerment.

2

She is honored with multiple research awards in recognition of her exceptional publications. She is serving as a reviewer for journals.



RESEARCH AREAS  
Financial Markets and Financial Analytics

GOOGLE SCHOLAR



TOP PUBLICATIONS

**Effects of fundamentals, geopolitical risk and expectations factors on crude oil prices.** *Resources Policy*, 2022; 78.

**Analysing time varying co-movements among the US and BRICS stock markets.** *International Journal Financial Markets and Derivatives*, 2022; 8(3): 275-289..

**A novel hybrid approach to forecast crude oil futures using intraday data.** *Technological Forecasting and Social Change*, 2020; 158.

**An investigational analysis on forecasting intraday values.** *Benchmarking: An International Journal*, 2020; 27(2): 592-605.

**The interrelation between baltic dry index A practical economic indicator and emerging stock market indices.** *Afro Asian Journal of Finance and Accounting*, 2019; 9(2): 213-224.



Assistant Professor

HIGHEST DEGREE

Ph.D. in Management in 2017 Anna University

## DR. A. MANSURALI

**D**r Mansurali is an Assistant Professor at the Department of Management, Central University of Tamil Nadu, renowned for his expertise in the field of business management.

He possesses a comprehensive background with a specific focus on marketing, analytics, and applied research. Prior to his current role at the Central University of Tamil Nadu, Dr Mansurali has served as an Assistant Professor specializing in Business Analytics at the Christ University, Bangalore.

His professional journey also includes positions at the PSG Institute of Management and PSG College of Technology, both in the faculty of Marketing. Dr Mansurali's scholarly contributions are commendable, featuring two books, two case studies, four patents, 46 research papers, and 30 book chapters in peer-reviewed international journals. His work has received recognition in prominent indices such as Web

of Science, Scopus, UGC, and others. Notably, he has presented over 62 research papers at esteemed international and national conferences. He also holds the esteemed title of Editor for two edited books, 'Marketing Analytics – A Machine Learning Approach' by Routledge and 'Sports Analytics – Data-Driven Decision Intelligence' by Springer. Additionally, he is the author of two books, 'Data Analytics using Python' and 'Machine Learning'. Dr Mansurali's academic journey includes a Business Analytics Certification from the Harvard Business School – Online. He brings over eleven years of experience in teaching marketing and analytics-related courses to executives and management graduates. His research endeavors have garnered funding from the University Grants Commission, particularly in the field of micro-finance. Before transitioning to academia, Dr Mansurali has served as the Area Head of Sales at Janalakshmi Financial Services. •

RESEARCH

**RESEARCH AREAS**  
Marketing, Business Analytics, Machine Learning and Consumer Behaviour

GOOGLE SCHOLAR

Citations 102 | H-Index 05 | i10index 03

RESEARCH

Papers 24

SCOPUS

Citations 40

H-Index 02

ONE PROJECTS WORTH RUPEES

2.5 LAKH

### FACULTY HIGHLIGHTS

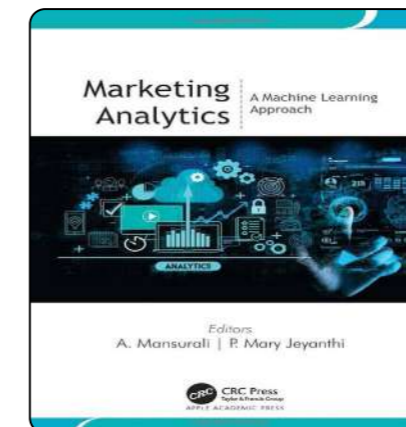
1

Good publication record with 43 papers, 30 Chapters, 2 Cases, 4 Patents and 63 paper presentations (45 International 18 National).



2 Certified Trainer and Professional in Business Intelligence, Statistics and Machine Learning.

3



Best Case Award -2023 organized by Christ University in association with Emerald and Harvard Publishing.

4

Recipient of Hackathon Award 2019.

5

Academic qualifications encompass a BCA from PSG CAS, an MBA from PSGCT, and a PhD from Anna University, Chennai, India. He further holds PGDCA, MSc (Applied Psychology), and MA Tamil degrees from Bharathiar University School of Distance Education. Notably, he is the holder of a PGP degree in Business Analytics and Business Intelligence jointly offered by the Great Lakes School for Executive Learning and McCombs School of Business, The University of Texas at Austin, USA.

### TOP PUBLICATIONS

**Fintech innovations in the financial service industry.** *Journal of Risk and Financial Management*, 2022; 15(7): 287..

**Segmenting the retail customers: A multi-model approach of clustering in machine learning,** *Consumer Behavior Change and Data Analytics in the Socio-Digital Era*, IGI Global, 2022.

**Reflective journaling to assure learning in the affective domain.** *South Asian Journal of Business and Management Cases*, 2022; 11(2): 148-166.

**To identify purchase intent drivers for strategic marketing in the Tamil Nadu state of microfinance,** *The Empirical Economics Letters*, 2020; 19(2).

**Consumer buying behaviour during COVID-19,** *Webology*, 2021; 18: 993-1006.

TOTAL INDUSTRY EXPERIENCE IN YEARS 01

TOTAL TEACHING AND RESEARCH EXPERIENCE IN YEARS 11

BOOKS 02

BOOK CHAPTERS 32

JOURNAL ARTICLES 48

SCHOOL OF COMMERCE AND  
BUSINESS MANAGEMENT



# DEPARTMENT OF TOURISM AND HOSPITALITY MANAGEMENT



**Dr. Ankathi Raghu**  
Associate Professor & Head



**Dr. Kavitha K.**  
Assistant Professor



**Dr. Raja P.**  
Assistant Professor



**Dr. Vaibhav Bhatt**  
Assistant Professor



**Mr. Shreeansh Mishra**  
Assistant Professor



Associate Professor

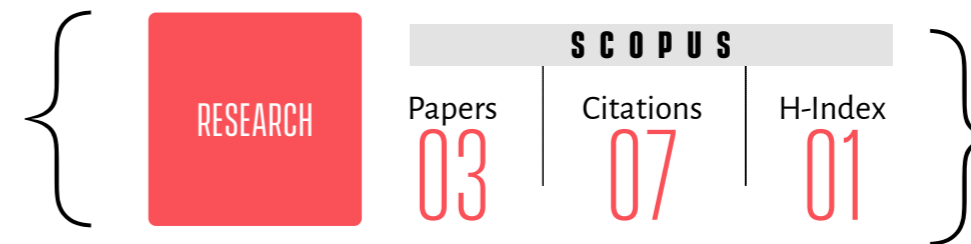
HIGHEST DEGREE

Ph.D. in  
Tourism Management in 2012  
Kakatiya University

## DR. ANKATHI RAGHU

**D**r Ankathi Raghu is the Associate Professor and Head, Department of Tourism and Hospitality Management, India. With 20 years of experience in industry, research and teaching, he delivers practical insights in the classroom, enriching students' understanding and producing graduates attuned to industry nuances. Dr Raghu's research spans the varied fields of medical and health tourism, indigenous tourism, wildlife tourism and Indian knowledge systems. Through perceptive research, he aims to bring sustainability and responsible practices to the forefront of tourism discourse, contributing significantly to the

evolving landscape of the industry. Dr Ankathi Raghu's multifaceted approach solidifies his role as a thought leader in the realm of tourism and hospitality management. ●



### FACULTY HIGHLIGHTS

1  
Erasmus+ Fellowship Awardee.

2  
Delivered over 100 paper presentations and invited lectures.

3  
Invitee for Erasmus+ Programme, Vidzeme University of Applied Sciences, Latvia.

4  
First Rank with Distinction in Master of Tourism Management, Kakatiya University.

### TOP PUBLICATIONS

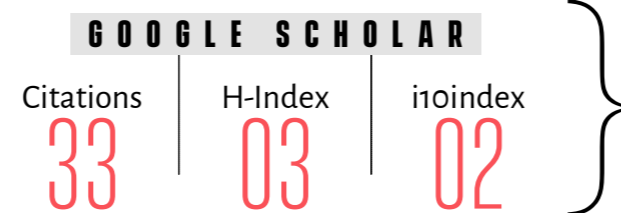
**A critical review of COVID-19 pandemic outbreak in the restaurant industry.** *Journal of Environmental Management and Tourism*, 2022; XIII(fall), 6(62): 1697-1704.

**Management of indigenous resources for promotion of indigenous tourism: A study of selected tribal districts of Madhya Pradesh.** *GeoJournal of Tourism and Geosites*, 2022; 44(4): 1509-1525.

**A critical review of terrorism effects and their impacts on tourist destination countries.** *Materials Today: Proceedings*, 2021; 37(2): 3461-3465.



**RESEARCH AREAS**  
Medical and Health Tourism, Indigenous Tourism, Wildlife Tourism, Pro-poor Tourism and Indian Knowledge Systems







Assistant Professor

HIGHEST DEGREE

Ph.D. in Hotel and Catering Management in 2017 University of Madras

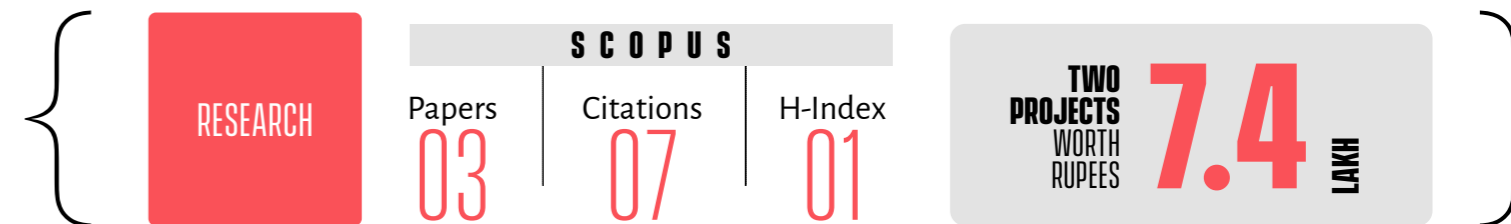
## DR. RAJA P.

Dr Raja is an ambitious scholar and teacher who is enthusiastic about the travel industry.

He has made major contributions to research and teaching in the Department of Tourism at the Central University of Tamil Nadu, where he currently serves as an Assistant Professor.

Dr Raja earned his PhD in Tourism from the University of Madras, with a focus on hotel

management and catering. He has dedicated his academic career to further the understanding in the travel and the hospitality sectors. ●



### FACULTY HIGHLIGHTS

1

*Azadi Ka Amrit Mahotsav—Aatman-irbhar Bharat—Pilgrimage Tourism in the Kaveri Delta Region* ICSSR/Grant for Organizing Seminar, November / December 2022; Recieved funding from ICSSR for conducting a seminar.

2

Book on *A Spatial Study of Relationship between Restaurants and Tourism and Its Impact: A Special Reference to Singapore and Chennai City, center for South and Southeast Asian studies.* (2018), Chennai, Tamilnadu, ISBN 978-93-83071-09-8.

3

*UjjwalaYojana: Empowering Households through Clean Cooking Energy in the Delta Region in Tamil Nadu* Project from ICSSR - Rs. 5.4 lakhs

4

Book on *Pilgrimage tourism in the Kaveri Delta Region*, Bloomsbury India. New Delhi, ISBN: 978-93-56403-99-4.

### TOP PUBLICATIONS

**Management of indigenous resources for promotion of indigenous tourism: A study of selected tribal districts of Madhya Pradesh.** *GeoJournal of Tourism and Geosite*, 2022; 44(4): 1509–1525.

**A critical review of COVID-19 pandemic outbreak in the restaurant industry.** *Journal of Environmental Management and Tourism*, 2022; XIII, 6(62): 1697–1704.

**A critical review of terrorism effects and their impacts on tourist destination countries.** *Materials Today: Proceedings*, 2021; 37(2): 3461–3465.



RESEARCH AREAS  
Toursim, Hospitality Management and Quality of Work Life





Assistant Professor

HIGHEST DEGREE

Ph.D. in Tourism Management in 2018 Madurai Kamaraj University

## DR. KAVITHA K.

Dr Kavitha is a first-rank holder at the University of Madras during her postgraduation. She earned a PhD in Tourism Management focusing on cultural tourism from Madurai Kamaraj University, Tamilnadu.

She has been in academics for 20 years, and has five years of industry experience. She has published 16 research articles in various journals of national and international repute listed in Web of Science, and Scopus. Has presented around 20 research papers at international and national conferences, and has participated in more than 37 programmes such as workshops, conferences, seminars, and FDPs organized by reputed institutions. She has also organised several workshops, seminars, conferences, cultural fest, food fests, FDP, and value-added programmes. She has delivered lectures as a resource person in various programmes.

She has served in different capacities

discharging various academic and administrative responsibilities in an effective manner. As Chairman and member of BOE/BOS, for over 13 years at Bangalore University, and the Bangalore North University. She has also served as a member of the Board of Recruitment of Staff Selection Commission at Garden City University, Karnataka. She was the Chairperson for the Short-Term Hotel Management Course Project funded by the Department of Tourism, Government of Karnataka that benefitted 200 students.

She was a member of many associations, Member of Indian Council of Business Education, Member of professional Housekeeping Association, Professional Member for Indian School of Scholars, Reviewer for the International Journal of Management and Social Studies, Reviewer for the International Journal of Emerging Technologies and Innovative Research. ●

RESEARCH

RESEARCH AREAS  
Tourism and Hospitality

GOOGLE SCHOLAR

Citations 28 | H-Index 02 | i10index 0

### FACULTY HIGHLIGHTS

1

Awarded a Minor Research Project from ICSSR entitled *Tourist Satisfaction towards Religious Destination with special reference to Thiruvavur* with a grant of 5 Lakhs.



As chairperson completed a Project sponsored by the Department of Tourism, Government of Karnataka for SC and ST students in 2012, with a grant of Rs. 20 lakhs

3



As chairperson completed a project sponsored by the Department of Tourism, Government of Karnataka for OBC students, 2013 with a grant of Rs. 20 lakhs.

RESEARCH

THREE PROJECTS WORTH RUPEES

45 LAKH

4

Best Principal Award, from InSc, Institute of Scholars, Bangalore.

5

Awarded Best Principal Award from ESN Research Group and Publications, Chennai.

### TOP PUBLICATIONS

**A perspective on pilgrimage tourism in Thiruvavur District.** *Pilgrimage Tourism in the Kaveri Delta Region*, Bloomsbury, 2023.

**A comparative analysis of founder leadership at Infosys.** *The British Journal of Administrative Management*, 2022; 58 (151) : 78-84.

**Tourist attraction toward a religious destination with special reference to Madurai.** *International Journal of Management*, 2021; 12: 396-402.

**A study on the significance value-based education for social happiness.** *TEST Engineering and Management Journal*, 2020; 83.

**A Study on methods for overcoming organization stress in work place.** *Adalya Journal*, 2020; 8.

TOTAL INDUSTRY EXPERIENCE IN YEARS

05

TOTAL TEACHING AND RESEARCH EXPERIENCE IN YEARS

21

BOOKS

02

BOOK CHAPTERS

04

JOURNAL ARTICLES

20



Assistant Professor

HIGHEST DEGREE

Ph.D. in Tourism in 2018  
HNB Garhwal University

## DR. VAIBHAV BHATT

**D**r Vaibhav Bhatt, originally from Uttarakhand. I obtained my Bachelor's degree in Hospitality and Hotel Administration, followed by a Master's of Business Administration degree in Tourism. My doctoral investigation was centered on formulating sustainable approaches to enhance the tourism sector.

This involved an exploration of ethical advocacy for policies, community engagement, safeguarding biodiversity, and implementing optimal strategies to encourage nature-based tourism in the mountainous Himalayan locale. My unwavering commitment extends to academic distinction and the practical application of industry-centric solutions in sustainable tourism. My objective is to bridge the divergence between theoretical concepts and real-world implementation. As an educator, my primary dedication revolves around nurturing the progression of diligent professionals within

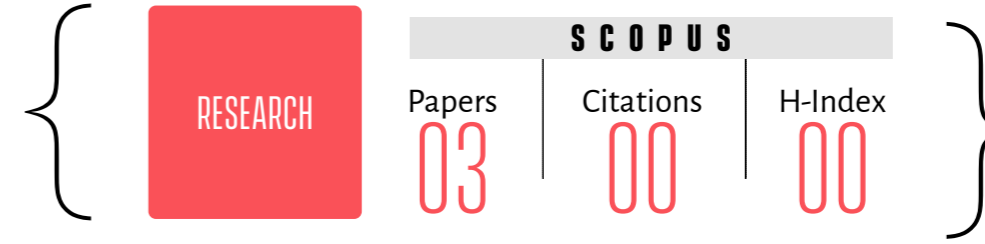
the tourism realm while simultaneously addressing the evolving challenges of the tourism and hospitality industries through my dedicated research endeavours. ●

### RESEARCH AREAS

Tourism Planning, Sustainable Tourism and Tourism Marketing

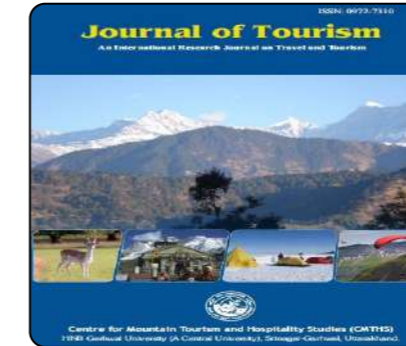
### GOOGLE SCHOLAR

Citations 04 | H-Index 01 | i10index 0



### FACULTY HIGHLIGHTS

1



Assistant Editor of Journal of Tourism, a UGC refereed academic bi-annual journal of Centre for Mountain Tourism and Hospitality Studies, HNB Garhwal University (A Central University), Srinagar Garhwal, Uttarakhand, ISSN: 0972-7310 (2017).

2



Awarded Grade A+ in the Two-weeks Online Refresher Course in Tourism (4th October 2023 to 17th October 2023) organized by UGC HRDC, North Eastern Hill University, Shillong, Meghalaya, India.

### TOP PUBLICATIONS

**Measuring satisfaction level of tourists towards facilities available in selected tourist sites of Champaran region in Bihar, India.** *Holistic Tourist Destinations and Inseparable Hospitality.* Aksharaa Books, 2023.

**Can community-based tourism be a catalyst for social transformation?, Technology and social transformations in hospitality.** *Tourism and Gastronomy: South Asia Perspectives.* CAB International, 2023.

**Nature tourism in Garhwal Himalaya: Analyzing the local stakeholders perception of the benefits of tourism industry.** *African Journal of Hospitality, Tourism and Leisure,* 2020; 9(1): 1-14.



Assistant Professor

HIGHEST DEGREE

MBA in Tourism and Travel Management in 2017 Indian Institute of Tourism and Travel Management, Gwalior

## MR. SHREEANSH MISHRA

Shreeansh Mishra is an Assistant Professor of Tourism in the Central University of Tamil Nadu, India. His research highlights the transformative role of self-help groups, microfinance, and community readiness in advancing community-based tourism and fostering sustainable development.

His work examines factors that synergize marginalized communities and foster sustainable development. With a commitment to global collaboration and continuous efforts, Shreeansh Mishra continues his mission to create a more

inclusive and equitable tourism landscape, where gender disparities are addressed and women's empowerment takes center stage, catalyzing a brighter future for all. ●

RESEARCH AREAS  
Community Based Tourism,  
Sustainable Tourism

RESEARCH

### FACULTY HIGHLIGHTS

1

Distinguished as a Resource Person at the Second Tourism Student Conclave in India, 2021.



2



Published a book on Principles of Micro Finance 2023.

3



Resource Person for the Pan-India Level Online Internship Program under the banner Tourism Start-up Think Tank in 2021.

TOTAL INDUSTRY EXPERIENCE IN YEARS **02**

TOTAL TEACHING AND RESEARCH EXPERIENCE IN YEARS **03**

BOOKS **01**

BOOK CHAPTERS **03**

JOURNAL ARTICLES **02**

### TOP PUBLICATIONS

**Smart infrastructure in smart cities scope and implications for sustainable tourism development.** *Sustainable Development Goal Advancement Through Digital Innovation in the Service Sector*, 2023;152-164.

**Motivational antecedent of SHG engagement in tourism development.** *Mekal Insights*, 2020; IV(2): 62-71.

**Community readiness for tourism product innovation.** *Local Food and Community Empowerment through Tourism*, 308-322

**Self-help groups and community-based tourism: A study of interrelationship and con- volutions.** *Journal of Tourism*, 2023; 24(1): 71-81.

SCHOOL OF  
COMMUNICATION



# DEPARTMENT OF LIBRARY AND INFORMATION SCIENCE



**Dr. Taddi Murali**  
Assistant Professor & Head (I/c)



**Dr. Sudhier K. G.**  
Assistant Professor



**Dr. Anila Sulochana**  
Assistant Professor



**Dr. Dhanyasree V. K.**  
Assistant Professor



**Dr. Akhandanand Shukla (On-Lien)**  
Associate Professor



Assistant Professor

HIGHEST DEGREE

Ph.D. in Library and Information Science in 2013 Andhra University, Visakhapatnam

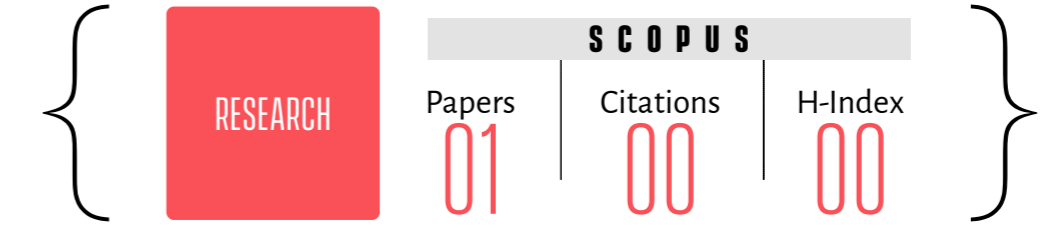
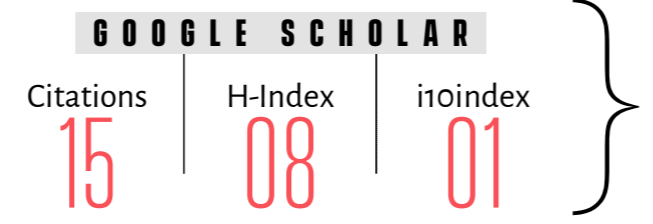
## DR. TADDI MURALI

**D**r Taddi Murali has worked as an Assistant Professor, Department of Library and Information Science, Dr. B.R. Ambedkar University Srikakulam from October 2005 to August 2017. His fields of specialization are Classification, DDC, UDC, CC, Cataloguing AACR2R, Information Technology, Digital Libraries, Networks and Research Methodology.

Dr. Taddi Murali has seven years of Doctoral Research Experience from 2017 onwards in the Department of Library and Information Science, Central University of Tamil Nadu, Thiruvarur. His research areas include User Studies/ User

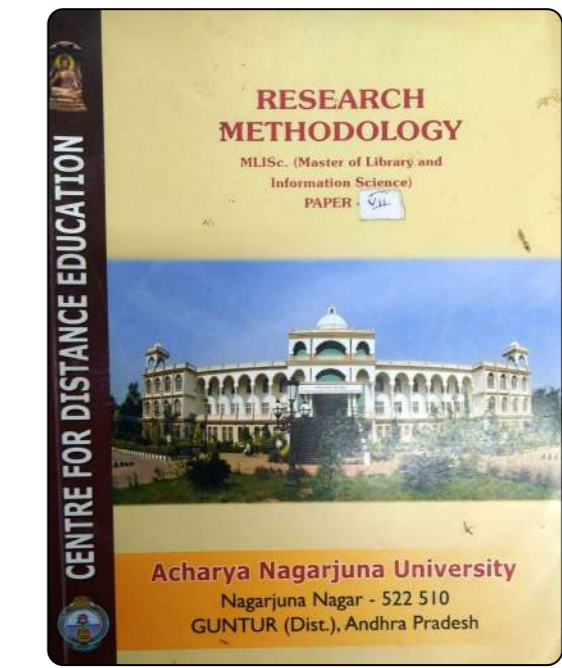
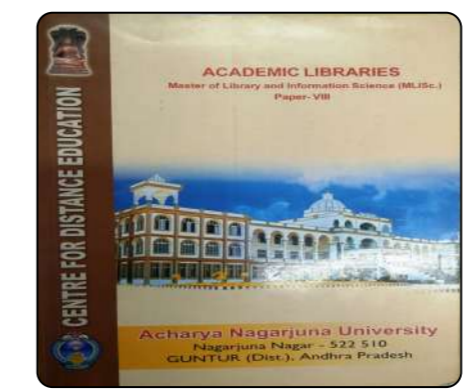
Education, Bibliometric, Information Literacy, Library Automation, Digital Libraries Functions and Services, Public Libraries and Management Studies, Special Libraries and Information Studies Information Needs and Seeking behavior. ●

**RESEARCH AREAS**  
Electronic Resources, Bibliometric Studies Information Needs and Seeking Behavior



### FACULTY HIGHLIGHTS

**1**  
Classification, Cataloguing, MARC Formats, Digital Archives.



### TOP PUBLICATIONS

**Use patterns of social networking sites by medical professionals Rajiv Gandhi Institute of Medical Sciences (RIMS) at Srikakulam in Andhra Pradesh.** *International Journal of Multidisciplinary Educational Research*, 2023; 12,(3): 47-50.

**Reading culture and changing technological environment,** *Journal of Electronics Information Technology Science and Management*, 2022; 12(9): 253-259.

**Awareness and use of NTR –MEDNET digital library consortium e sources among the postgraduate students of Rajiv Gandhi Institute of Medical Science (RIMS) Kaddapa, Andhra Pradesh,** *International Journal of Library Information Network*. 2021; 6 (2).



Assistant Professor

HIGHEST DEGREE

Ph.D. in Library and Information Science in 2007 University of Kerala

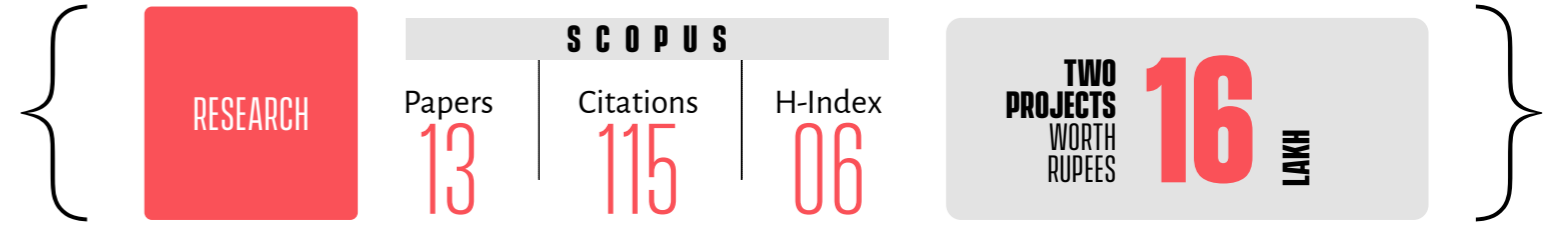
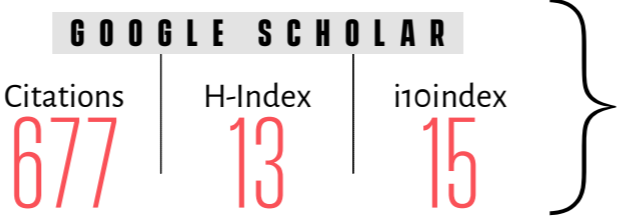
## DR. SUDHIER K. G.

Dr KG Sudhier has more than two decades of teaching, research, professional and administrative experience at the University level (formerly at the University of Kerala). He holds a PG degree in Physics (AMU, Aligarh) and Library and Information Science, and a doctorate degree in Library and Information Science (University of Kerala). With over 20 years of professional experience in the LIS domain, Dr Sudhier has made significant contributions to the profession.

His research interests in LIS involve scientometrics, scholarly communication, ontological studies, and social networking. His contributions are related to scientometrics and informetric studies on physics and bioinformatics. He has an extensive publication record, with over 67 research papers published in indexed and peer-reviewed journals and over 125 papers presented in seminars and conferences,

including contributions as book chapters and popular articles. He has published a book and edited three, and has numerous conference publications. He is on the editorial boards of leading journals, and also serves as a reviewer therein. Dr Sudhier is the Principal Investigator of the DST-NSTMIS project sponsored by the Department of Science and Technology (DST), Government of India, and is the Project Director of the ICSSR project. He has organized and chaired numerous conferences, seminars, and workshops in the LIS domain, and is frequently invited as a chairperson and keynote speaker at seminars and conferences, as a resource person (including UGC-HRDCs), and is a member of the BoS in the University of Kerala and the Central University of Tamil Nadu. ●

**RESEARCH AREAS**  
 Scientometrics, Scholarly Communication, Ontological Studies, Public Libraries, Open Access, GIS, SNS, Digital Libraries.

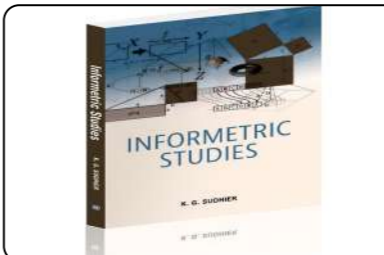


### FACULTY HIGHLIGHTS

**1**  
 Research Guidance: Supervised six PhDs and pursuing with four. Guided 10 MPhil candidates and more than 50 Master degree dissertations (MLIS).

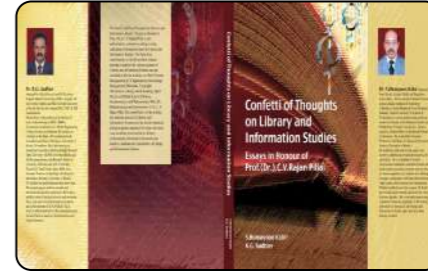
**2**  
 Funded Projects: Principal Investigator of the DST-NSTMIS project of the Department of Science & Technology (DST), Ministry of S&T, Govt. of India (titled 'Mapping of Bioinformatics Research in India: a Scientometric Profile of Research Output during 2001-2020') and Project Director of ICSSR Project, Ministry of Education, New Delhi.

**3**



Publications: Authored one book and edited four books. Published 67 Articles in Peer-reviewed and Indexed Journals, 75 Papers presented at National and International Conferences/ Seminars. Contributed 25 Chapters in edited Books and 30 Popular Articles (Malayalam and English).

**4**



Editorial responsibilities: Editor of 10 Peer-reviewed Journals and Reviewer of 15 journals.

**5**  
 Best Teacher-2021 Award from Madras Library Association (MALA), Chennai.

**TOP PUBLICATIONS**

**Role of public libraries in bridging the digital divide: Study of Kerala state central library.** *DESIDOC Journal of Library and Information Technology*, 2023; 43 (5): 329-335.

**User perception on e-resources and information services in a public library: A study of Kerala state central library.** *Annals of Library and Information Studies*, 2022; 69 (4): 277-281.

**Bioinformatics research during 2008-2017: A scientometric study.** *Journal of Indian Library Association*, 2022; 58 (2): 16-30.

**Library networking services for the differently-abled students in Kerala: A proposal of state consortium for inclusive libraries with assistive technologies (SCILAT).** *IASLIC Bulletin*, 2021; 66 (4): 235-246.





Assistant Professor

HIGHEST DEGREE

Ph.D. in Library and Information Science 2016 in Indian Statistical Institute and Vidyasagar University

## DR. ANILA SULOCHANA

**D**r Anila Sulochana's primary area of interest is Open Science focusing on Open Access. Another area she currently works is social discrimination and information poverty. Prior to CUTN, she was associated with NIT Karaikal and IBM India Pvt.Ltd. She teaches courses such as Knowledge Organization, Information

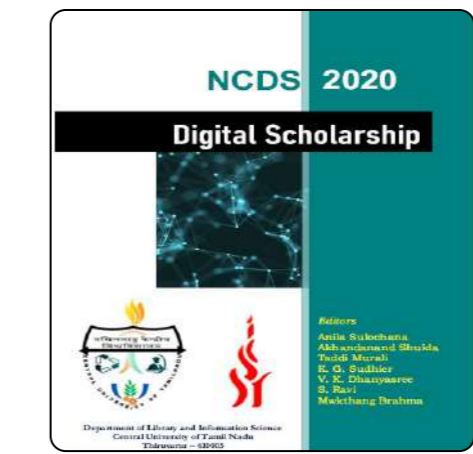
Retrieval, Information Systems, Digital Library and Content Management (Practical). ●



FACULTY HIGHLIGHTS

1

Received ICSSR grant to organize the national conference NCDS 2020.



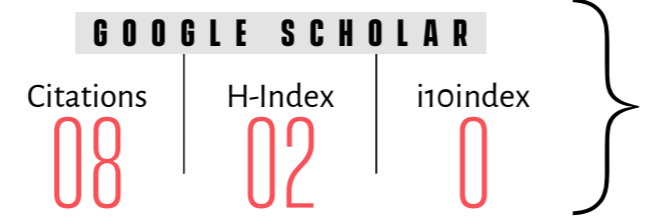
TOP PUBLICATIONS

**Indian contribution to medicine datasets: An analysis.** *Enriching ETDs and their Reach.* INFLIBNET, 2023.

**Decoding predatory publishing practices for academia.** *Journal of Information and Knowledge*, 2023; 169-174.

**Open science: Global position and share of India.** *CALIBER*, 2022.

**Open access resources in science and technology: An overview.** *Library Philosophy and Practice*, 2019; 1-12.







Assistant Professor

HIGHEST DEGREE

Ph.D. in Library and Information Science in 2014  
Indira Gandhi National Open University (IGNOU), New Delhi

## DR. DHANYASREE V. K.

**D**r Dhanyasree is Assistant Professor in Department of Library and Information Science, Central University of Tamil Nadu, Thiruvarur since October 2017. Prior to that, she has been working as College Librarian (UGC) at Government College of Education for Women, Coimbatore for more than three years.

She was a Research and Teaching Assistant at the Department of Library and Information Science, IGNOU Headquarters, New Delhi from where she obtained PhD in 2014. She completed her Masters degree in Library and Information Science from University of Calicut. At present, there are four research scholars working towards PhD under her guidance. ●



**RESEARCH AREAS**  
Information Behaviour, Social Networking, Open Learning, SDGs and Public Libraries

GOOGLE SCHOLAR

Citations	H-Index	ioindex
06	01	0

### FACULTY HIGHLIGHTS

1

Research interests fall in the areas of Information behaviour, use of social media in academia, open learning, and Public libraries.



2

Her current research is focused on disaster management in libraries, SDGs and public libraries

3

She is the coordinator of AN-VESHAN: Online lecture series in LIS for research scholars at DLIS, CUTN.

### TOP PUBLICATIONS

**A visibility check of disaster management ETDs available in Shodhganga.** *Enriching ETDs and their reach: Proceedings of the 26th International Symposium on Electronic Theses and Dissertations, 2023.*

**Are public libraries the solution for an egalitarian society? Impact of EIFL-PLIP programmes in developing and transition economies.** *Knowledge Organisation in Academic Libraries, 2023; 20-21: 78-87.*

**Fostering civic engagement in Smart cities: An opportunity for public libraries in India.** *Handbook of Research on the role of Libraries, Archives and Museums in Achieving Civic Engagement and Social Justice in Smart Cities, 2022; 396-410.*

TOTAL INDUSTRY EXPERIENCE IN YEARS

03

TOTAL TEACHING AND RESEARCH EXPERIENCE IN YEARS

06

BOOKS

01

BOOK CHAPTERS

03

JOURNAL ARTICLES

03

SCHOOL OF  
COMMUNICATION



# DEPARTMENT OF MEDIA AND COMMUNICATION



**Prof. Ravindran G.**  
Professor and Head



**Dr. Radha B.**  
Associate Professor



**Dr. N. Boobalakashnan**  
Assistant Professor



**Dr. Francis Philip Barclay**  
Assistant Professor



**Dr. Manas P. Goswami (On-Lien)**  
Associate Professor



**Dr. Shamala R.**  
Assistant Professor



**Dr. Nikhil Kumar Gouda (On-Lien)**  
Assistant Professor

RESEARCH

FOUR PROJECTS WORTH RUPEES **65** LAKH



Professor

HIGHEST DEGREE

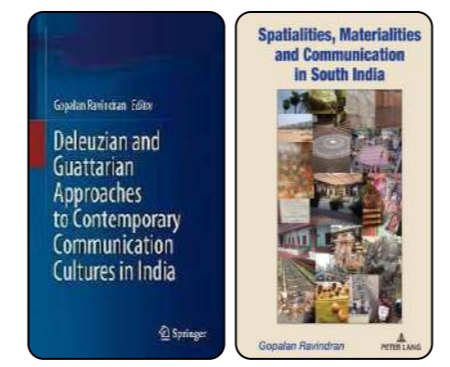
Ph.D. in Journalism and Mass Communication in 1991 University of Madras

PROF. RAVINDRAN G.

**G**opalan Ravindran (PhD University of Madras, Chennai) was a Visiting Fellow at the National Museum of Ethnology, Osaka, Japan (February-March 2020). Earlier, he has served as the Professor and Head of the Department of Journalism and Communication, University of Madras during 2008-20; Reader and Head of the Department of Communication, Manonmaniam Sundaranar University, Tirunelveli between 1995 and 2008. . He also has the experience of having served as a Lecturer in the School of Communication, Universiti

Sains Malaysia, Penang, Malaysia during 2002 to 2005, and as a Visiting Fellow, Graduate of School of International Communication, Nagoya University, Japan from 1994 to 1995. ●

FACULTY HIGHLIGHTS



**1** He has co-edited two books in Tamil. He is the editor of the book, "Deleuzian and Guattarian Approaches to Contemporary Communication Cultures in India" (Springer).

**2** His recent book on "Spatialities, Materialities and Communication in South India" was published by Peter Lang, Berlin, was published in June 2023.

**3**

He has pioneered "class outside" and "journalism for people" non-institutional projects to impart critical communication skills for masters students in journalism and communication.

**4** Dr G Ravindran is the council member of the Asia Pacific Communication Alliance, Beijing, China.

**5**

He served as the Head of the Department of Communication, MSU, Tirunelveli; Department of Journalism and Communication, University of Madras, besides serving as the Head of the Dept.of Media and Communication, CUTN. He also served as Dean, Academic at University of Madras and is serving as the Dean, School of Communication, CUTN.

TOP PUBLICATIONS

**Singing bodies and 'movement images' in a 1937 tamil film: A deleuzian perspective,** *Journal of Creative Communication*, 2013; 6.

**Rhetorical bodies and movement-images in the 1949 tamil film velaikari (House maid),** *Deleuze and Guattari Studies*, 2018; 12 (1): 45-65.

**Crisis heterotopia,' and 'aura' of the Sri Lankan Tamils in the diasporic narrative of Kannathil Muthamittal.** *In Tamil Diaspora: Intersectionality of Migration, Religion, Language and Culture*, 2020.

RESEARCH

**RESEARCH AREAS**  
Critical Theories and Philosophies, Political Economy of Journalism and Communication, Cultural Studies, Digital Cultures, Film Cultures and Diasporic Cultures

GOOGLE SCHOLAR

Citations **71** | H-Index **06** | i10index **02**

TOTAL INDUSTRY EXPERIENCE IN YEARS **0** | TOTAL TEACHING AND RESEARCH EXPERIENCE IN YEARS **31** | BOOKS **05** | BOOK CHAPTERS **28** | JOURNAL ARTICLES **23**

RESEARCH

TWO PROJECTS WORTH RUPEES **09** LAKH



Associate Professor

HIGHEST DEGREE

Ph.D. in Journalism and Mass Communication in 2016  
Manonmaniam Sundaranar University

## DR. RADHA B.

**D**r Radha Bathran has been associated with teaching and research from 2009 onwards. She has a rich experience in a state university working as an Assistant Professor at the Department of Communication, Manonmaniam Sundaranar University, Tirunelveli. Presently working as Associate Professor, Department of Media and Communication, Central University of Tamil Nadu, she primarily works on areas related to media, gender and human rights. .

Prior to her teaching assignment, she has a wide range of experience working with different projects on issues related to rights of women and children, value education and development communication. She actively involves in creating awareness on the need for gender equality and has conducted several gender sensitization trainings for school and college students. She has a vast experience of serving as a resource person in nearly 65 seminars/

conferences/workshops on gender, media and human rights related topics for faculty members, law enforcement officials, civil society organizations, research scholars, students and journalists. Her doctoral work is on 'Critical discourse analysis of news reports on violence against women of a top circulated local news daily towards understanding the impact of language and social discourse of gender'.

Currently her teaching and research focuses primarily on deconstructing mass mediated influences on the society in terms of gender, violence and cyber crime among women, youth, and children. ●

RESEARCH AREAS  
Gender, Violence and Cyber Crime among Women, Youth, and Children

GOOGLE SCHOLAR

Citations **12** | H-Index **02** | i10index **0**

### FACULTY HIGHLIGHTS

**1**  
Faculty Editor of the Student's Lab Magazine 'Voice of CUTN' – as part of the PG course 'Reporting and Editing'.



**2**  
Edited the field work report titled, 'Digital Cultures and Communication: Covid Pandemic and Digital Divide in Tribal Regions'. (2022)

**3**  
Gender Sensitization Trainer, actively involved in creating awareness on need for gender equality and conducted gender sensitization trainings among school and college students



**4**  
Principal Investigator of ICSSR Major Research Project on Women and Media: Deconstruction of Mass Mediated Gender Attitudes during 2018-20 for 8.6 lacs

**5**  
As one of the authors in 'Girl Child Module' for the 8th and 9th standard Text book, Government of Tamilnadu in the year 2016, for the students in 10 districts as part of SSA.

### TOP PUBLICATIONS

**Gendered family narratives: A critical analysis of tamil popular mega serials.** (2023). Inclusive, 182-197.

**Sustainability communication in tamil films: Are popular tamil films promoting sustainable development goals (SDGs)? An analysis of Jai Bhim (2021),** *Global Media Journal*, 2022; 14(2).

**Media habits of college students and the need for critical media literacy in India's higher education institutions.** *Communicator*, 2021; 56(4): 42-51 (10).

**Can we have less violence and more respected please?,** *VID-HURA: Journal of Press Institute of India*. 2017; 9(1).

TOTAL INDUSTRY EXPERIENCE IN YEARS **07** | TOTAL TEACHING AND RESEARCH EXPERIENCE IN YEARS **13** | BOOKS **02** | BOOK CHAPTERS **07** | JOURNAL ARTICLES **22**

RESEARCH



Assistant Professor

HIGHEST DEGREE

Ph.D. in Journalism and Mass Communication in 2015 Bharathiar University

## DR. FRANCIS PHILIP BARCLAY

Apart from being a part of the Faculty of Media and Communication in a Central university, Dr. Barclay has been a journalist, news artist, political cartoonist, media researcher, psephologist and editor of several news and research publications. Dr. Barclay started his career as a copy-editor in The New Indian Express in 2005, just when he completed his post-graduation. Now, he has wide and varied experience in hardcore journalism, dedicated teaching practice and rigorous research publications.

After serving DNA in Bangalore for five years, he quit the job to take up a full-time PhD programme in Journalism and Mass Communication. Teaching and publications in peer-reviewed journals were part of that research agenda. He joined the Department of Media and Communication of the Central University of Tamil Nadu as the Head (in-charge) on June 8, 2016, and has been serving the Central-gov-

ernment institution as a permanent faculty member. He is passionate about sociopolitical and cultural studies. Dr. Barclay has also been practising interactive and innovative methods to teach news writing and research methods. Having worked with several national newspapers in a competitive environment, he has become adept in the different forms of writing and news presentation.

He has also trained scholars in research and scholarly initiatives and have helped them publish in international journals. Apart from writing, he has an interest in art as well. He redesigns newspapers. He drew digital political cartoons for a newspaper. Digital media and their political effects are also the core areas of his scholarly research. He is also the Founder-Editor-in-Chief of the Journal of Media and Communication (eISSN: 2581-513X) (<https://cutn.ac.in/jmc/>). His works are available at <http://www.francisbarclay.com>.

RESEARCH

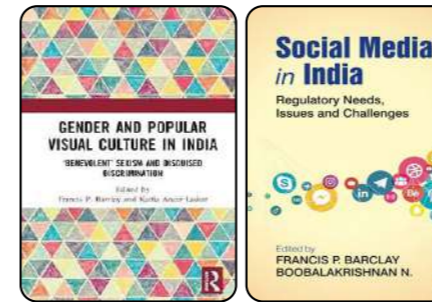
**RESEARCH AREAS**  
Media, Politics and Regulation, Gender Studies, Contemporary Journalism, New and Social Media, Media Usage and Effects, Media Psychology, Research Methodology

GOOGLE SCHOLAR

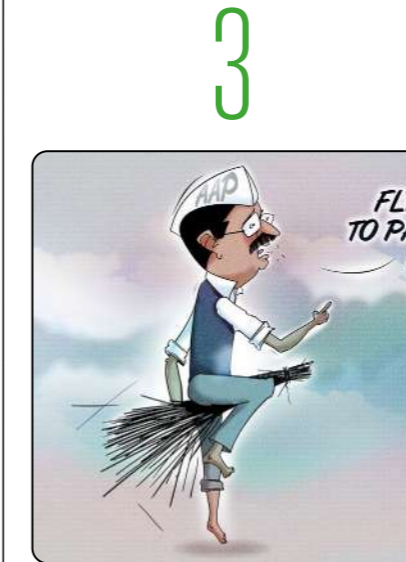
Citations **185** | H-Index **08** | i10index **06**

### FACULTY HIGHLIGHTS

**1**  
Social Media in India: Regulatory Needs, Issues and Challenges, Sage Publications, 2022.



**2**  
Gender and Popular Visual Culture in India: 'Benevolent' Sexism and Disguised Discrimination, Routledge, UK, 2024.



**3**  
Dr. Francis P. Barclay has served as a political cartoonist for a leading Tamil newspaper Dinamalar.



**4**  
Dr. Francis P. Barclay has worked in several English newspapers across the country, including TNIE, The Hindu and DNA.

**5**  
He is also the Founder-Editor-in-Chief of the Journal of Media and Communication (eISSN: 2581-513X) (<https://cutn.ac.in/jmc/>).

TOTAL INDUSTRY EXPERIENCE IN YEARS **8**

TOTAL TEACHING AND RESEARCH EXPERIENCE IN YEARS **9**

BOOKS **02**

BOOK CHAPTERS **15**

JOURNAL ARTICLES **25**

RESEARCH

Papers **15**

SCOPUS

Citations **30**

H-Index **03**

FIVE PROJECTS WORTH RUPEES

**21** LAKH

### TOP PUBLICATIONS India 2014:

**Facebook 'Like' as a predictor of election outcomes.** *Asian Journal of Political Science*, 2015; 23(2): 134-160.

**Media effect: correlation between press trends and election results.** *Media Asia*, 2015; 42(3-4): 192-208.

**Indian elections, 2014: political orientation of english newspapers.** *Asia Pacific Media Educator*, 2014; 24(1): 7-22.

**Using Cross-correlations to Analyse Inter-media Political Agenda Setting.** *SAGE Research Methods Cases: Politics & International Relations*, 2019.



Assistant Professor

HIGHEST DEGREE

Ph.D. in Journalism and Mass Communication in 2016 Bangalore University

## DR. SHAMALA R.

**D**r Shamala has more than a decade of teaching experience, before joining CUTN she served as Lecturer of Journalism at Vijay College, Bangalore affiliated to , Bangalore University. Her continuous involvement with communication and development studies from the grassroots level gave her the grounded bent to her academic profile when she was recruited as Transmission Executive at All India Radio (Hassan, Karnataka) and her exposure to rural life and community development are her

fortes. Her research focus on radio communication, digital divide, new media studies, rural, development communication and international communication. ●

**RESEARCH AREAS**  
Radio Communication, Digital Divide, New Media Studies, Rural, Development Communication and International Communication

GOOGLE SCHOLAR

Citations **33** | H-Index **04** | i10 index **01**

**RESEARCH**

Papers **05** | Citations **08** | H-Index **01**

SCOPUS

FIVE PROJECTS WORTH RUPEES **20** LAKH

FACULTY HIGHLIGHTS

1

Served as the Transmission Executive (March 2011 to June 2016) at the All India Radio Hassan, Karnataka.

2

Recipient of Defence Secretary Commendation Award 2009, Ministry of Defence, Government of India.

TOP PUBLICATIONS

**Socio-cultural impact of globalization and health practice among tribal women in Thiruvavur district.** *Indian Journal of Natural Sciences*, 2021; 12 (67): 0976-0997.

**Unveiling student motivations: A study of ChatGpt usage in education.** *ShodhKosh, Journal of Visual and Performing Arts*, 2023; 4(2), 65-73.

**Preparedness and reality responses of landless women agricultural labourers to disaster: A case study of Moolakarai village, Nagapattinam District, Tamil Nadu.** *Disaster Advances*, 2020; 13: 39-42.

TOTAL INDUSTRY EXPERIENCE IN YEARS

**05**

TOTAL TEACHING AND RESEARCH EXPERIENCE IN YEARS

**13**

BOOKS **01**

BOOK CHAPTERS **07**

JOURNAL ARTICLES **18**

RESEARCH

FOUR PROJECTS WORTH RUPEES **13** LAKH



Assistant Professor

HIGHEST DEGREE

Ph.D. in Journalism & Mass Communication in 2016 Bharathiar University

## DR. N. BOOBALAKRISHNAN

BoobalKrishnan received his doctorate in Journalism and Mass Communication, and has a PG degree in Electronic Media from the Bharathiar University, Coimbatore, Tamil Nadu. In addition to acquiring eligibility in academics, he has qualified the University Grants Commission's NET (National Eligibility Test) and the Tamil Nadu SET (State Eligibility Test) examinations in 2014 and 2011, respectively..

He also has the experience of having served as aHe has 16 years of experience in teaching visual communication and electronic media to UG and PG students at various colleges in Tamil Nadu. He has taught a variety of courses, including television production techniques, electronic media production, digital photography, and film-making. Currently, he is teaching television studies, video production, quantitative data analysis, media literacy, and digital photography techniques. His research

interests include media, parenting and children, gerontechnology, and cultural communication. He has completed projects sponsored by the UGC-STRIDE, ICSSR, NCRI in the field of social sciences, and has vast technical expertise in digital media production inspecific to audio and video editing and production applications. He has received several recognitions and awards from various national and international competitions for film production, to mention a few are the International Film Festival dedicated to Mental Health, Chennai (2014), and the Norway International Film Festival (2012). BoobalKrishnan is passionate about exploring all possible methods available in the field of media, technology and society, with reference to cultural communication. ●

RESEARCH AREAS  
Media and Children, Information and Communication Technology

GOOGLE SCHOLAR

Citations **18** | H-Index **02** | i10 index **0**

### FACULTY HIGHLIGHTS

1

2

### TOP PUBLICATIONS

**Interpersonal Communication and Individual Work Performance of IT Employees.** *ICTACT Journal on Management Studies*, 2023; 1: 1695 - 1702.

**Gender representation in children targeted commercials.** *Mass Communicator: International Journal of Communication Studies*, 2022; 16 (4): 4-16.

**Kathakali and virtual reality: An experiment.** *Journal of Art and Design*, 2022; 6 (2): 118-130.

**Performance on social media: Kathakali artists in the digital age.** *Journal of Media and Communication*, 2021; 5(2): 194-209.

TOTAL INDUSTRY EXPERIENCE IN YEARS **01** | TOTAL TEACHING AND RESEARCH EXPERIENCE IN YEARS **16** | BOOKS **01** | BOOK CHAPTERS **09** | JOURNAL ARTICLES **25**

RESEARCH

RESEARCH

THREE PROJECTS WORTH RUPEES **80** LAKH



Assistant Professor

HIGHEST DEGREE

Ph.D. in Journalism and Mass Communication in 2015 Berhampur University

## DR. NIKHIL KUMAR GOUDA

**A** faculty with 20 years of experience in teaching, research and media industry spanning across seven states of India with a teaching philosophy of, "Never teach, facilitate learning. In the era of artificial intelligence (AI) and powerful online educational and informational sites, the concept of teaching has undergone a sea-change. The old style of information parting with top-down approach has got a severe jolt; more so in the discipline of Communication teaching which is a super dynamic subject expanding both vertically and horizontally every moment. In this backdrop, Dr. Nikhil prefers to call himself a facilitator who needs to bring together the different streams of belief, opinion, and assumptions to one platform for logical inquiry and verification and filter out the best for consumption of learners.

Dr. Nikhil has vast experience in the production of documentaries and other print publica-

tions dealing with contemporary social issues, which can be accessed at <https://sites.google.com/view/dr-nikhil-kumar-gouda/home?authuser=0>.

**RESEARCH AREAS**  
Health Communication, Qualitative Research, Social Media and AI

GOOGLE SCHOLAR

Citations **58** | H-Index **02** | i10index **02**

FACULTY HIGHLIGHTS

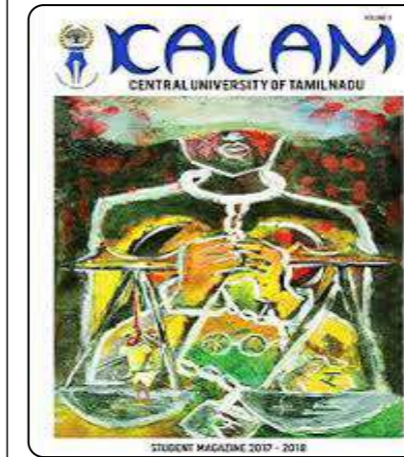
1

Recipient of NACO Fellowship 2011 (Government of India)



2 Received three National Awards from different research organisations across the country.

3



Edited CUTN's student magazine KALAM from 2016-19.

4

Contributed to development of MOOCs curriculum on extension communication.

5

Authored a book titled Atmanirbhar Bharat and Media.



TOP PUBLICATIONS

**Living with reduced HIV/AIDS stigma and discrimination: A migrants-theoretical scheme. In Sustainable Health Through Food, Nutrition, and Lifestyle, 2023; 289-306.** Singapore: Springer Nature Singapore.

**Artificial intelligence in journalism: A boon or bane? Optimization in machine learning and applications, 2020; 155-167.** Springer Nature Singapore.

**Application of artificial intelligence in advertising & public relations and emerging ethical issues in the ecosystem. International Journal of Advanced Science and Technology, 2020; 29(6): 7561-7570.**

RESEARCH

TOTAL INDUSTRY EXPERIENCE IN YEARS **06** | TOTAL TEACHING AND RESEARCH EXPERIENCE IN YEARS **14** | BOOKS **01** | BOOK CHAPTERS **13** | JOURNAL ARTICLES **16**



SCHOOL OF  
EARTH SCIENCES



DEPARTMENT  
OF GEOGRAPHY  
DST-FIST SPONSORED DEPARTMENT



**Prof. Sulochana Shekhar**  
Professor & Head



**Dr. Balasubramani K.**  
Associate Professor



**Dr. Venkatesham E.**  
Assistant Professor



**Dr. Arun Prasad K.**  
Assistant Professor



**Dr. Aakriti Grover (On-Lien)**  
Assistant Professor

RESEARCH

Papers 47 | Citations 329 | H-Index 08

SIX PROJECTS WORTH RUPEES 92 LAKH



Professor

HIGHEST DEGREE

Ph.D. in Urban Geography, Remote Sensing and GIS in 2006 Savitribai Phule Pune University

# PROF. SULOCHANA SHEKHAR

Prof Sulochana Shekhar is the Dean of the School of Earth Sciences, and Head of the Department of Geography at the Central University of Tamil Nadu, Thiruvarur, India.

She is the proud recipient of Erasmus Mundus (European Commission) Fellowship, Commonwealth Academic Fellowship (United Kingdom), Endeavor Research Fellowship (Australia) and Fulbright Fellowship (USA).

Her research interests include urban geography, application of remote sensing and geospatial techniques in urban environments and spatial epidemiology. She has intensively worked on urban slums, spatial decision support systems for various urban issues, urban sprawl and urban disasters.

She is presently teaching urban geography and the fundamentals and applications of geoinformatics at the post-graduation level. She has worked on cellular automata-based

urban growth models and urban sprawl assessment using entropy for her doctoral research. Object-based image analysis was the central theme of her post-doctoral research.

She has previously worked on projects involving spatial decision support systems for slums and extraction of slums and urban green space using object-based image analysis. Using hyperspectral remote sensing, she has mapped the urban-built surface materials which induce the urban heat islands. She has completed four major research projects and has international collaborations. She has published over 70 research papers in Scopus-indexed journals and has four books to her credit. ●

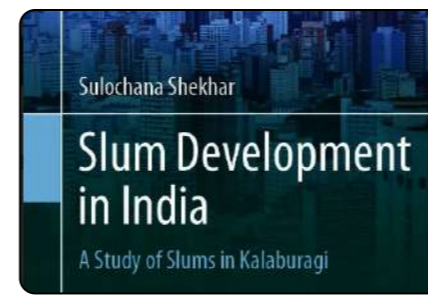
RESEARCH AREAS  
Urban Slums, Urban Green Space, Urban Health, Urban Environmental Impact Analysis, Urban Remote Sensing and Urban GIS

GOOGLE SCHOLAR

Citations 590 | H-Index 11 | i10index 12

FACULTY HIGHLIGHTS

1 Slum Development of India- A book published by Springer (2021). Author: Sulochana Shekhar.



2 Geoinformatics for Sustainable Urban Development (2023) , Edited By Sulochana Shekhar, Deepak Kumar. CRC Press, Taylor & Francis group.



Detecting heat-inducing urban built-up surface material with multi remote sensing datasets using reflectance and emission spectroscopy, Remote Sensing of Environment, Volume 264, 2021, 112591 This article has been published in one of the highest impact factor journal ( IF:13.85).

4 Under UGC-UKIERI project, collaborated with University of Cambridge and worked on Interactive Spatial Decision Support System for Public Health.

5 President of the Indian Society of Remote Sensing (ISRS)-Trichirapalli Chapter and Secretary for Technical Commission V-Inter Commission Working Group IV of the International Society for Photogrammetric and Remote Sensing (ISPRS). Vice-President for Indian Geographers Society, one of the oldest society established in 1926.

TOP PUBLICATIONS

Detecting heat-inducing urban built-up surface material with multi remote sensing datasets using reflectance and emission spectroscopy, Remote Sensing of Environment, 2021.

Role of geospatial technology in understanding urban green space of Kalaburagi city for sustainable planning, Urban Forestry and Urban Greening, 2019; 46:126450.

Assessing machine learning based supervised classifiers for built-up impervious surface area extraction from sentinel-2 images, Journal: Urban Forestry & Urban Greening, 2020.

TOTAL INDUSTRY EXPERIENCE IN YEARS 0 | TOTAL TEACHING AND RESEARCH EXPERIENCE IN YEARS 23 | BOOKS 05 | BOOK CHAPTERS 18 | JOURNAL ARTICLES 49

RESEARCH



Associate Professor

HIGHEST DEGREE

Ph.D. in  
Geography in  
2016 Madurai Kamaraj  
University

## DR. BALASUBRAMANI K.

**D**r Balasubramani is a Fulbright Fellow, and is currently serving as an Associate Professor of Geography at the Central University of Tamil Nadu. He has over 15 years of experience in exploring geospatial technologies for different applications, including integrated risk assessments, watershed modelling, fluvial dynamics and public health and environmental datasets.

Dr Balasubramani's doctoral research was on land and water resources evaluation for sustainable development, awarded by the Madurai Kamaraj University (2016). He has conducted post-doctoral research at the Indian Institute of Space Science and Technology (Dept. of Space). His research is usually inter-disciplinary in nature and adopting geospatial technologies extensively. He has published 50+ research articles in journals, including publications in reputed remote sensing, earth science, and public health journals. Currently, he is serving as As-

sistant Editor of the Indian Geographical Journal. He has operated research grants worth of Rs.10 million funded by DST, SERB, ICMR, ICSSR, UGC and others. He has received international travel grants from IGU, SERB, ICSSR, DST and visited USA, Sri Lanka and Thailand for research presentations. He has won Best Paper Awards and delivered 100+ invited talks in conferences/workshops/training programmes. He has also extended contributions to Professional Societies such as ISRS, IGS and GSI and coordinated their programmes. ●

RESEARCH

### RESEARCH AREAS

Physical Geography, Watershed,  
Disaster Risk and Spatial  
Analysis

### GOOGLE SCHOLAR

Citations  
**538**

H-Index  
**15**

ioindex  
**17**

RESEARCH

Papers  
**43**

### SCOPUS

Citations  
**318**

H-Index  
**11**

FIVE  
PROJECTS  
WORTH  
RUPEES

**95**  
LAKH

### FACULTY HIGHLIGHTS

1

Fulbright Fellow at North Carolina  
Central University (USA).



2

Served as a Spatial Data Engineer in  
a software company (2006-2009),  
Guest Faculty at Madurai Kamaraj  
University (2009-2011) and As-  
sistant Professor at Bharathidasan  
University (2011-2017).

3

Recipient of Young Geographer  
Award by the National Asso-  
ciation of Geographers, India  
(NAGI) and Young Scientist  
Fellowship by TNSCST (Govt. of  
Tamil Nadu).

### TOP PUBLICATIONS

**Physical resources assess-  
ment in a semi-arid water-  
shed: An integrated meth-  
odology for sustainable land  
use planning**, *ISPRS Journal of  
Photogrammetry and Remote  
Sensing* 2018;142:358-379.

**Spatio-temporal epidemiol-  
ogy and associated indicators  
of COVID-19 (wave-I and II)  
in India**, *Scientific Reports*,  
2024;14(1):220.

**Revealing the socio-economic  
vulnerability and multi-haz-  
ard risks at micro-adminis-  
trative units in the coastal  
plains of Tamil Nadu, India**,  
*Genomatics, Natural Hazards  
and Risk*, 2021;12(1):605-630.

TOTAL INDUSTRY  
EXPERIENCE  
IN YEARS

**03**

TOTAL TEACHING  
AND RESEARCH  
EXPERIENCE IN YEARS

**14**

BOOKS

**01**

BOOK  
CHAPTERS

**10**

JOURNAL  
ARTICLES

**57**



Assistant Professor

HIGHEST DEGREE

Ph.D. in  
Geography in 2015  
Osmania University

## DR. VENKATESHAM E.

**D**r Venkatesham has ardently explored the dynamic intersection of geography and geospatial technologies. practice and rigorous research publications.

. He currently holds the position of Assistant Professor at the Department of Geography, Central University of Tamil Nadu, a role he has passionately undertaken since 2017. With a PhD educational background in Geography from the Osmania University, Hyderabad, and the coveted UGC-NET qualification in Geography, he has over 13 years of teaching experience that exemplifies his unwavering commitment to the field. His academic journey boasts a PG degree in Geography underpinning his exceptional proficiency in geospatial sciences. Dr Venkatesham's extensive research interests span the expansive domains of urban, environmental, and regional development geography. His literary contributions manifest in a rich tapestry of published

works, comprising books and chapters that illuminate intricate geographical challenges and the pivotal role of geospatial technologies. Noteworthy works such as 'Land and Water - Geographic Challenges and Geospatial Technologies' and 'A Handbook on Geo-informatics' stand as testaments to his dedication to advancing our comprehension of geographical intricacies through the lens of technology. Further enriching his academic portfolio are a series of research papers published in esteemed journals, which focus into topics encompassing urban forests, air pollution dynamics offering invaluable insights into the evolving facets of the contemporary world. ●

**RESEARCH AREAS**  
Urban, Environmental and Regional Geography and Sustainable Development

GOOGLE SCHOLAR

Citations 04 | H-Index 01 | i10index 00

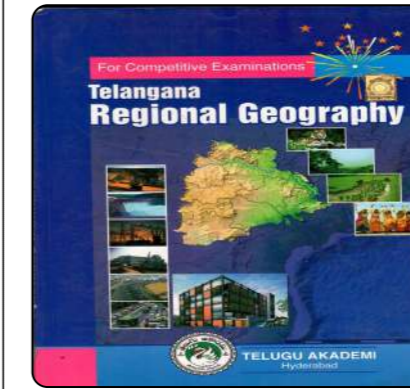
**RESEARCH**  
Papers 03 | Citations 08 | H-Index 02

### FACULTY HIGHLIGHTS

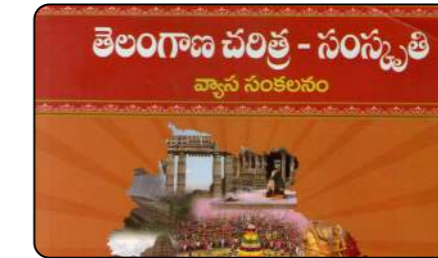
1

Dr. E. Venkatesham is an esteemed geographer and academic, known for his expertise in geography and geospatial technologies.

3



Dr. Venkatesham has authored significant works, including books and research papers, covering urban, environmental, and regional development geography.



4 He has delivered invited lectures and presented research papers at both national and international conferences.

5

His dedication to promoting sustainable environments and urban growth dynamics reflects his profound commitment to the field.

### TOP PUBLICATIONS

**Web and mobile based future Geo-Information Systems.** *GIS India*, 2016.

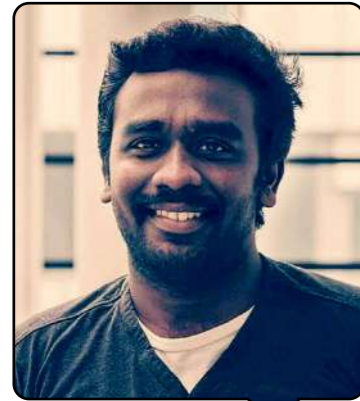
**Primacy of Hyderabad.** *IJMER*, 2018; 7 3(1): 272-84.

**Digital Plan: A Better Decision Support System.** *IJMER*, 2020; 9 12(6): 145-149.

**A comprehensive study on preparedness, impacts, response and recovery from tropical severe cyclonic storm 'GAJA': lessons for the future.** *Journal of Coastal Conservation*, 2021; 25(58).

**Regional reflections of urbanisation in Andhra Pradesh.** *IJMER*, 2022; 11 12(2): 117-137.

TOTAL INDUSTRY EXPERIENCE IN YEARS 0 | TOTAL TEACHING AND RESEARCH EXPERIENCE IN YEARS 06 | BOOKS 04 | BOOK CHAPTERS 03 | JOURNAL ARTICLES 07



Assistant Professor

HIGHEST DEGREE

Ph.D. in  
Geoinformatics in 2016  
Indian Institute of Space  
Science and Technology

## DR. ARUN PRASAD K.

**D**r. Arun Prasad is working as an Assistant Professor in Department of Geography, Central University of Tamil Nadu, Thiruvavur, since March 2020.

He is the recipient of the prestigious Alexander von Humboldt International Climate Protection Fellowship in 2017 to undergo a post-doctoral research on 'Landscape assessment and ecological monitoring of selected wetland ecosystems in South and Southeast Asia using time series analysis of multi-temporal high-resolution optical and microwave remote sensing data' from the Land Surface Dynamic Group, German Remote Sensing Data Center (DFD), Earth Observation Centre, German Aerospace Center (DLR), Oberpfaffenhofen, Munich. He did his doctoral degree from the Indian Institute of Space Science and Technology, Thiruvananthapuram on 'Hyperspectral Remote Sensing of Mangroves in the Indian East Coast'

between 2011 and 2016. During his PhD tenure, he received the prestigious Green Talents Young Scientist Award in 2015 from the Federal Ministry of Education and Research (BMBF), Government of Germany, and underwent a fully funded three months internship at German Aerospace Centre, Munich in 2016.

Dr Prasad completed his PG from the Madurai Kamaraj University (2010) and UG from the University of Kerala (2008) securing first rank in both the degree programmes. ●

**RESEARCH AREAS**  
Remote Sensing, Wetlands, Coastal  
Aquaculture, Microplastics and  
Disaster Risk Reduction

GOOGLE SCHOLAR

Citations **532** | H-Index **09** | i10index **07**

**RESEARCH**

Papers **23** | Citations **79** | H-Index **04**

**SCOPUS**

THREE PROJECTS WORTH RUPEES **12** LAKH

FACULTY HIGHLIGHTS

**1**

Recipient of the International Climate Protection Fellowship from Alexander von Humboldt Foundation funded by the Federal Ministry for the Environment, Nature Conservation, Building and Nuclear Safety (BMUB), Government of Germany in 2016.



**3**

Received IEEE IGARSS Travel Support Grant to participate and present the research paper in International Geosciences and Remote Sensing Symposium (IGARSS 2014) / 35th Canadian Symposium on Remote Sensing (35th CSRS) held in Québec, Canada.

**4**

Secured 36th Rank and awarded Junior Research Fellowship (JRF) and qualified National Eligibility Test (NET) India in Earth, Atmospheric, Ocean and Planetary Sciences stream organized by Jointed Council for Scientific and Industrial Research and University Grants Commission (CSIR-UGC) under the MHRD, Government of India in July 2010.

**5**

Received UGC PG Merit Scholarship for University Rank holders in Bachelor's degree to study Master's programme for 2008 – 2010.

TOP PUBLICATIONS

**Malaria hotspots and climate change trends in the hyper-endemic malaria settings of Mizoram along the India-Bangladesh borders.** *Scientific Reports*, 2023; 13(4538).

**Quantifying spatio-temporal variation in aquaculture production areas in Satkhira, Bangladesh using geospatial and social survey.** *PLOS One*, 2022; 17(12): e0278042.

**Digitalization to achieve sustainable development goals: Steps towards a Smart Green Planet.** *Science of the Total Environment*. 2021; 794: 148539.

TOTAL INDUSTRY EXPERIENCE IN YEARS **02** | TOTAL TEACHING AND RESEARCH EXPERIENCE IN YEARS **07** | BOOKS **0** | BOOK CHAPTERS **01** | JOURNAL ARTICLES **16**

SCHOOL OF  
EARTH SCIENCES



DEPARTMENT  
OF GEOLOGY



**Dr. Guru Balamurugan**  
Associate Professor & Head



**Dr. Selvaraj Kandasamy**  
Professor



**Dr. V. Kumaravel**  
Associate Professor



**Dr. Anjali Vijayan**  
Assistant Professor



**Mr. Anmol Barla**  
Assistant Professor



**Dr. Priyanka Singh Rao (On-Lien)**  
Assistant Professor



**Dr. Bankim Chandra Mahanta  
(On-Lien)** Assistant Professor



Associate Professor

HIGHEST DEGREE

Ph.D. in Hydrogeology in 2008 IIT Bombay

## DR. GURU BALAMURUGAN

Dr Guru Balamurugan is the Head of Department of Geology, School of Earth Sciences, CUTN. Previously, he has worked as an Associate Professor and Chairperson at the Centre for Geoinformatics, Jamsetji Tata School of Disaster Studies, Tata Institute of Social Sciences, Mumbai.

He has completed an MTech in Remote Sensing and GIS from Bharathidasan University and a PhD from the Indian Institute of Technology Bombay (IIT-B). He bagged the AICTE-NDF-2004 Award from the Government of India, and the DAAD Fellowship Award from the Government of Germany (2006-07) during his PhD tenure on 'Groundwater Resource Mapping and Modelling' at the IIT Bombay. He also obtained the 'Surface Water Resources' certificate course from the ITC, The Netherlands in 2016. He has published three books, over 50 research articles in peer-reviewed journals and more

than 20 conference papers. Furthermore, he has also carried out several projects worth Rs. 12.2 million as PI and Co-PI supported by national and international agencies. Under his guidance, five scholars have been awarded PhD degrees, and six have received their MPhil degrees. Currently, three scholars are pursuing their doctoral research and more than 70 Master's students are pursuing their project research. He has organized several workshops, seminars, training, conferences and outreach programs on disaster management, climate change, and geospatial technology. Dr Balamurugan is actively involved in developing disaster management plans for several state government agencies, disaster responses, NRLM, disaster risk reduction, and resilience aspects. ●

**RESEARCH AREAS**  
Geospatial Technology in Groundwater Exploration and Management; Sustainable development of water resources; Remote Sensing and GIS applications in Disaster Management Plan

GOOGLE SCHOLAR

Citations **613** | H-Index **14** | i10index **16**

**RESEARCH** Papers **28** | Citations **463** | H-Index **12**

**SCOPUS**

SIX PROJECTS WORTH RUPEES **1.2** CRORE

FACULTY HIGHLIGHTS

1

Research at ITC, The Netherlands: Study the Integrated Water Resource Assessments with emphasis on Surface Water. As part of this study, the HBV, HECHMS model for surface water resources concerning drought and flood in both urban and rural areas of sub-basins of Teba Basin, Spain.

2 DAAD Research Fellow: The German Academic Exchange Service (DAAD) awarded a fellowship to carry out the part of Doctoral Research in Germany.

3

**Publications**  
Book/Edited Volume: 03  
Book Chapters/Proceedings: 26  
Journals: 30

**Awards**  
AICTE-NDF-2004 Award

**Research Areas**  
Geospatial Technology in Groundwater Exploration, Modeling and Management  
Sustainable Development of Water Resources  
Climate Change and Impact Study  
Remote Sensing and GIS Applications in Disaster Management  
Natural Disaster Mapping and Damage Assessment  
Geospatial Technology in ERW, rapid assessment, response and rehabilitation.

**Research Guidance**  
Ph.D. - 05 Completed | 01 (Ongoing)  
M.Phil - 04 Completed  
Master's Degree - 70 Completed  
M.Sc. Geology - 05 On going

State Disaster Management Plan for the State of Jammu & Kashmir, and Ladakh – 2014-15  
o Tribal Sub-Plan for the State of Maharashtra – 2015-16.

4

NRLM for the state of Chhattisgarh – 2014-15  
Curriculum Development: M.Sc. Geology, CUTN  
Ph.D. Geology, CUTN  
Master's Degree in Disaster Management, TISS  
Ph.D. in Disaster Management, TISS.

5

Chairperson and Member of the Committee:  
- Policy and Plan Committee  
- Reviewer and Reviewer-Editor in International Journals  
- Doctoral Degree Committee as an External Examiner.

TOP PUBLICATIONS

**Assessment of shelter location-allocation for multi-hazard emergency evacuation.** *International Journal of Disaster Risk Reduction*, 2023; 84: 103435.

**Earthquake and flood resilience through spatial Planning in the complex urban system.** *Progress in Disaster Science*, 2022; 14: 100219.

**Shoreline changes analysis and forecast using digital shoreline assessment system 5.0: Evidence from parts of East Coast of India.** *Journal of the Indian Society of Remote Sensing*. 2021; 49(11):2815-2830.



Professor

HIGHEST DEGREE

Ph.D. in  
Geology (Coastal Marine  
Geology/Geochemistry) in  
2000  
University of Madras

## DR. SELVARAJ KANDASAMY

Dr Selvaraj Kandasamy (Raj) obtained his MSc, MPhil, and PhD degrees from the University of Madras, Tamil Nadu. Dr. Raj was working as a Research Associate at Ocean Science and Technology Cell, Mangalore University during 2002-03 and then as a Post-Doctoral Fellow in the Institute of Marine Geology and Chemistry, National Sun Yat-sen University and Academia Sinica in Taiwan during 2004-11.

Later, he worked as an Associate Professor the State Key Laboratory of Marine Environmental Science and Department of Geological Oceanography at the College of Ocean and Earth Sciences in Xiamen University, China from 2011. Dr. Raj joined the Central University of Kerala as Associate Professor of Geology in 2022 and then he moved to the Department of Geology, Central University of Tamil Nadu in 2023. He is a member of various international bodies such AGU, EGU, AOGS, GS and PAGES. He has served as an Editorial Board member of Elsevier Journals (Paleo3, QI) and currently his serving as an Associate Editor of Frontiers in

Marine Science and Current Chinese Science. Dr. Raj has published more than 80 research articles in Scopus, and peer reviewed national and international journals (Nature, Nature Geoscience, ESR, GCA, GRL, FMS, QSR, JGR, JG, MG, Paleo-3, JQS, Sedimentology, Current Science, JGSI, etc.). He has presented his research findings in national and international conferences, and meetings conducted by AGU, EGU, GSA, AOGS and PAGES. Dr. Raj has completed one major research project as Principal Investigator funded by National Natural Science Foundation of China, and five minor projects supported by various organizations and funding agencies in China and Taiwan. He has participated in more than ten cruise programs in Indian and Chinese marginal seas, and oversees the research activities onboard. He has served as an external examiner of PhD and DSc theses evaluation for Andhra, Berhampur, Bharathidasan, Gandhigram Rural, Madras, and Periyar Universities. ●

**RESEARCH AREAS**  
Biogeochemistry, Isotope Geology/  
Geochemistry, Paleoceanography and  
Climatology

GOOGLE SCHOLAR

Citations **5.2K** | H-Index **32** | i10index **66**

**RESEARCH**

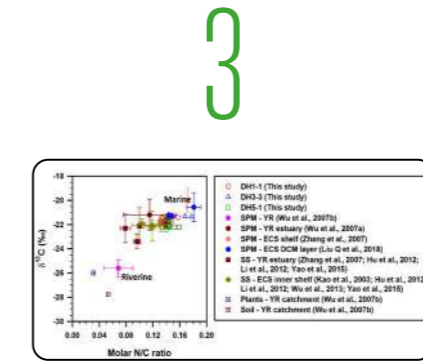
Papers **18** | Citations **183** | H-Index **10**

**SCOPUS**

**EIGHT PROJECTS WORTH RUPEES 1.3 CRORE**

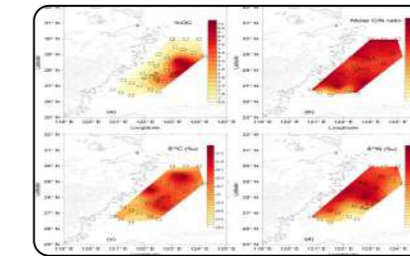
FACULTY HIGHLIGHTS

**1** Expertise in land to ocean organic carbon transfer using dual isotopes ( $^{14}\text{C}$  and  $^{13}\text{C}$ ), and end member mixing models of stable carbon ( $\delta^{13}\text{C}$ ) and nitrogen ( $\delta^{15}\text{N}$ ) isotopes – Estimation of terrestrial versus marine organic carbon in sediments of marginal seas using Br:OC approach.



Evolution of Late Quaternary oceanographic processes and climate in marginal seas of the western Pacific (South China Sea, East China Sea, Gulf of Tonkin, Okinawa Trough and the Japan Sea) and Indian Ocean (the Bay of Bengal and Arabian Sea) – Reconstruction of glacial-interglacial climatic variations based on sediment geochemical and isotopic proxies.

**4** Rebuilding of Holocene climate and environmental changes in East and South Asia.



**5** Pollution investigation of surface and core sediments in estuaries and coastal regions of East and Southeast Asia: Evaluation of detrital and non-detrital trace metal contaminants.

TOP PUBLICATIONS

Temperature is a better predictor of stable carbon isotopic compositions of marine particulates than dissolved  $\text{CO}_2$  concentration, *Communications Earth and Environment*, 2022; 3:303.

Roles of sediment supply, geochemical composition and monsoon on organic matter burial along the longitudinal mud belt in the East China Sea, *Geochimica et Cosmochimica Acta*, 2021; 305: 66–86.

Impact of hydrological conditions on the biogeochemical dynamics of suspended particulate organic matter in the upper mixed layer of the southern East China Sea, *Journal of Geophysical Research: Oceans*, 2019; 124: 6120–6140.

**2** Earth Surface Processes: Geochemical evaluation of chemical weathering in East and Southeast Asia: Weathering indexes, elemental ratios and Sr and Nd isotopic ratios.

TOTAL INDUSTRY EXPERIENCE IN YEARS **0** | TOTAL TEACHING AND RESEARCH EXPERIENCE IN YEARS **23** | BOOKS **0** | BOOK CHAPTERS **03** | JOURNAL ARTICLES **80**





Associate Professor

HIGHEST DEGREE

Ph.D. in  
Rock Magnetism and  
Geochemistry in 2008  
HNB Garhwal University

## DR. V. KUMARAVEL

**D**r Kumaravel serves as an Associate Professor in the Department of Geology at the School of Earth Sciences, CUTN, Thiruvarur, Tamil Nadu. Prior to this role, he held the position of Director (Geology) and served as faculty at the Geological Survey of India Training Institute in Hyderabad.

His educational background includes an MSc in Applied Geology from Pondicherry University and a PhD from HNB Garhwal University, Uttarakhand. In recognition of his contributions, he was honored with the National Geosciences Award in 2017 under the mineral discovery category by the Ministry of Mines, Government of India.

Dr Kumaravel's publication record includes 13 research articles in peer-reviewed journals, one book, and over 12 conference papers. Additionally, he has actively contributed to 12 exploration projects of various scales, significant-

ly enhancing the mineral resource base across different commodities, including Platinum, dunite limestone, phosphate, and lignite.

His commitment to knowledge dissemination is evident through his role in organizing numerous training programs on petrology and exploration-related topics. Notably, his research on base metal mineralization received international acclaim during the 35th International Geological Congress held in Cape Town, South Africa. Dr. Kumaravel's current research pursuits encompass diverse areas such as ore genesis, mineral exploration, magnetostratigraphy, environmental magnetism, and petrology. ●

**RESEARCH AREAS**  
Mineral Exploration, Geological Mapping,  
Magnetostratigraphy, Rock Magnetism  
and Paleosols

GOOGLE SCHOLAR

Citations **317** | H-Index **07** | i10index **07**

### FACULTY HIGHLIGHTS

1

An integrated approach involving geological mapping, surface geophysics, and laboratory studies led to the discovery of base metal mineralization in the previously considered barren Minjhari quartz reef. An innovative conceptual model facilitated the identification of a deep-seated, economically viable copper prospect at Minjhari, Maharashtra. This achievement garnered recognition and appreciation from the international geoscientific community at the 35th IGC in Cape Town in 2016.

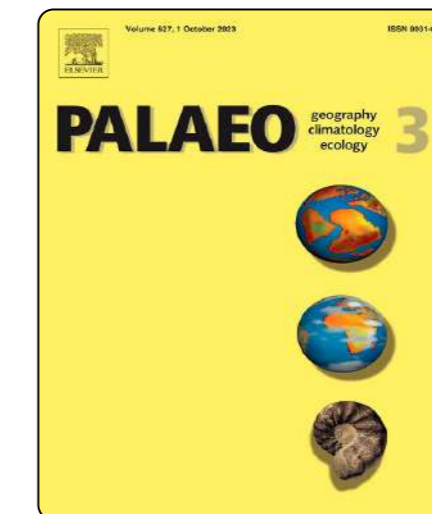
2



Co-authored a special publication on the exploration for Platinum Group of Elements in India, a significant contribution to the field.

3

Successfully formulated and executed several mineral investigation projects in Tamil Nadu, resulting in their recognition as auctionable mineral blocks by the State Government.



4

During doctoral research, established correlations among the rock magnetic, geochemical, and physical properties of paleosols from the Siwalik Group of the Himalayan Foreland Basin in NW Himalaya.

### TOP PUBLICATIONS

**Rock magnetic characterization of paleosols developed in high energy depositional environment: a case study from the Mio-Pliocene Siwalik sequence near Dehra Dun, NW Himalaya, *Sedimentary Geology*, 2005; 177: 229-252.**

**Magnetic polarity stratigraphy of plio-pleistocene pinjor formation (Type Area), Siwalik Group, NW Himalaya, India. *Current Science*, 2005; 88,(9): 1453-1461.**

**Burial and compaction on soil magnetic properties: Result from soil-paleosol sequences in the Himalayan Foreland, India. *Palaeogeography Palaeoclimatology Palaeoecology*, 2008; 267: 235-244.**



Assistant Professor

HIGHEST DEGREE

Ph.D. in  
Geology in 2017  
Indian Institute of Technology  
Bombay

## DR. ANJALI VIJAYAN

**D**r Anjali Vijayan is serving as an Assistant Professor at Department of Geology, School of Earth Sciences, Central University of Tamil Nadu, Thiruvavur.

She received her Master's degree in Applied Geology from Pondicherry University. She completed her PhD from Indian Institute of Technology, Bombay. After a brief stint as an Assistant Professor in the Department of Geology, Central University of Karnataka, she has worked as a Research Associate at the National Centre for Earth Science Studies, Ministry of Earth Sciences, Thiruvananthapuram. She has published

papers in international journals in the areas of igneous petrology, geochemistry and geochronology. Her current passions include medical geology and agricultural geology with special focus on geochemistry. ●

**RESEARCH AREAS**  
Igneous Petrology, Geochemistry,  
Isotope Geology and Geochronology

GOOGLE SCHOLAR

Citations  
**145**

H-Index  
**04**

ioindex  
**04**

RESEARCH

### FACULTY HIGHLIGHTS

1

Delivered an invited lecture on “Medical Geology as an emerging discipline in Geosciences: Challenges and Prospects” in the DST-GATI sponsored International Webinar on “Emerging Trends in Geosciences And Its Social Impact (ETGS 2022)” 1st-5th February, 2022 organized by Department of Earth & Atmospheric Sciences National Institute of Technology Rourkela, Odisha, India.



2



Organized a One-Day Workshop on “Advanced Microscopic Techniques” at Department of Geology in collaboration with InBiotek Microsystems, Kochi, Kerala, conducted on 8th March 2023.



3

Participated a Two-day National Workshop on “Geodynamic Evolution of South India-Eastern Ghats-Antarctica: Current perspectives and future prospects” organized by National Centre for Earth Science Studies (NCESS), Thiruvananthapuram on 11th to 12th September 2023.

### TOP PUBLICATIONS

**Recurrent Early Cretaceous, Indo-Madagascar (89-86 Ma) and Deccan (66 Ma) alkaline magmatism in the Sarnu-Dandali complex, Rajasthan: 40Ar/39Ar age evidence and geodynamic significance.**  
*Lithos*, 2017; 284-85: 512-524.

**Placement of the Mundwara alkaline complex, Rajasthan, India: 40Ar/39Ar geochronology, petrochemistry and geodynamics.** *International Journal of Earth Sciences*

**Tectonic significance of dykes in the Sarnu-Dandali alkaline complex, Rajasthan, northwestern Deccan Traps.** *Geoscience Frontiers*, 2016; 7(5): 783-791.

TOTAL INDUSTRY  
EXPERIENCE  
IN YEARS  
**0**

TOTAL TEACHING  
AND RESEARCH  
EXPERIENCE IN YEARS  
**03**

BOOKS  
**0**

BOOK CHAPTERS  
**0**

JOURNAL ARTICLES  
**04**



Assistant Professor

HIGHEST DEGREE

M.Sc. in Applied Geology in 2017 National Institute of Technology, Rourkela

## MR. ANMOL BARLA

**M**r Anmol Barla is an Assistant Professor in the Department of Geology, School of Earth Sciences, Central University of Tamil Nadu, Thiruvavur, since November 2022. He completed his MSc at the National Institute of Technology, Rourkela, Odisha, in 2017, and he is pursuing PhD from the Indian Institute of Technology (Indian School of Mines), Dhanbad, Jharkhand.

He completed his BSc at the St. Xavier's College, Ranchi, Jharkhand, in 2014. He is working in the fields of economic geology and ore geology. His main interest is in the genesis of gold mineralization. To determine the genesis of this mineralization, he used the trace element geochemistry of associated minerals and the host rock of the study area. He received funding to participate in the 16th SGA Biennial Meeting

in 2022. He was also selected for a field trip program (SFT-2021) organized by the Society of Economic Geology (SEG), USA. He also received funding support to attend a workshop held at the University College Dublin (UCD), Ireland, by ICRAAG in 2019. He has 11 years of teaching experience at CUTN. ●

### RESEARCH AREAS

Economic Geology, Genesis of Gold Mineralization, Trace Element Systematics of Magnetite, Minerals Geochemical Characterization of Au-bearing Pyrite

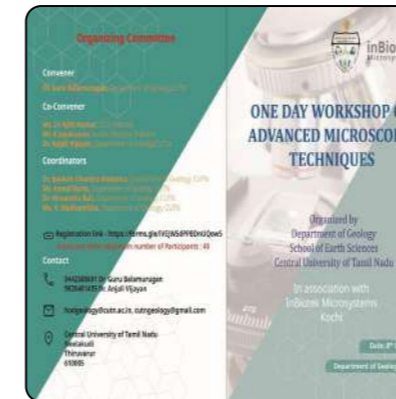
### GOOGLE SCHOLAR

Citations 12 | H-Index 02 | i10index 0

### FACULTY HIGHLIGHTS

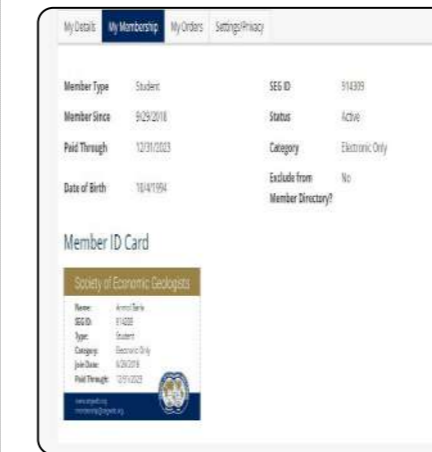
1

Organized one-day workshop on advanced Microscopic Techniques at the Department of Geology, CUTN (Coordinator).



2

Member of the Society of Economic Geology, USA from 2018.



3

He was selected and funded among the few students in the world to attend the workshop at University College Dublin (UCD), Dublin, Ireland, organized by ICRAAG in 2019.

4

Mr. Anmol Barla got the funding to participate in the 16th SGA Biennial Meeting, Rotorua, New Zealand, in 2022.

TOTAL INDUSTRY EXPERIENCE IN YEARS 0

TOTAL TEACHING AND RESEARCH EXPERIENCE IN YEARS 07

BOOKS 0

BOOK CHAPTERS 0

JOURNAL ARTICLES 03

### TOP PUBLICATIONS

**Genesis of metasomatic gold mineralization in the Pahardiha-Rungikocha gold deposit, eastern India: Constraints from trace element signatures in chromite-cored magnetite and bulk rock geochemistry.** *Ore Geology Reviews*, 2020 ; 121: 103482.

**A holistic approach on the gold metallogeny of the Singbhum crustal province: Implications from tectono-metamorphic events during the Archean-Proterozoic regime.** *Precambrian Research*, 2021; 365: 106376.

**A geochemical and mineral chemical assessment of sediment provenance and post-depositional alteration of auriferous conglomerates in the Singbhum Craton.** *Journal of Geochemical Exploration*, 2022; 243: 107095.

**SCHOOL OF EDUCATION  
AND TRAINING**



**Prof. Srinivasan P.**  
Professor and Head



**Prof. D. S. Venkataraman**  
Professor



**Dr. Bhimappa Rangannavar**  
Associate Professor



**Dr. Poornima Rajendran**  
Assistant Professor



**Dr. Biju K**  
Assistant Professor



**Dr. Pramila Ramani**  
Assistant Professor



**Mr. Sunil Kumar**  
Assistant Professor

**DEPARTMENT  
OF EDUCATION**  
NCTE-RECOGNISED DEPARTMENT



Professor

HIGHEST DEGREE

Ph.D. in Education in 2011 Tamil University

## PROF. SRINIVASAN P.

Prof Srinivasan has a 21 years long experience in Teacher Education, with specialization in Educational Psychology and ICT. He prefers to combine qualitative and quantitative approaches in his research. He has served as a resource person in teaching discourses on 140 occasions, and has provided training to school teachers and higher education teachers.

He has organised two international seminars, and three national seminars. Prof Srinivasan has evaluated a few projects of the UGC, and has been a member of the NCTE inspection team. Prof. Srinivasan is an editorial board member of two journals, and is serving as the Chairperson of the MoU Committee and the Students' Grievance Redressal Committee of the Central University of Tamil Nadu. Besides, he is also a member of various other committees of

the university and offers administrative support to the university. Prof Srinivasan is the BoS and School Board Chairperson and a Member of the BoS for Japanese and Russian languages at the Central University of Tamil Nadu. He is a BoS and PhD thesis adjudicator for a few other universities. Besides, Prof Srinivasan is a Member of the American Journal of Educational Psychology, Sarada Journal of Frontiers of Knowledge, All India Association of Educational Research, and the Council of Teacher Educators. ●

RESEARCH

RESEARCH AREAS  
Educational Psychology and ICT

GOOGLE SCHOLAR

Citations 137 | H-Index 07 | i10index 05

RESEARCH

Papers 03

SCOPUS

Citations 40

H-Index 03

THREE PROJECTS WORTH RUPEES

7.7 LAKH

### FACULTY HIGHLIGHTS

1

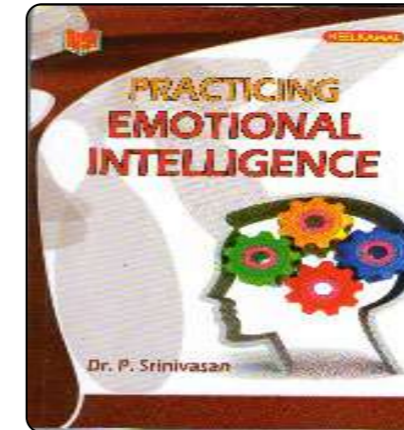
Prof. Srinivasan has organised two international seminars, and three national seminars.



2

Prof. Srinivasan is an Editorial Board Member of two journals, and is serving as the Chairperson of the MoU Committee.

3



He is a member of various other committees of the university and offers administrative support to the university.

4

Prof Srinivasan is the BoS and School Board Chairperson and a Member of the BoS for Japanese and Russian languages at the Central University of TN.

5

He is a member of the American Journal of Educational Psychology and Sarada Journal of Frontiers of Knowledge.

### TOP PUBLICATIONS

**Impact of three waves of COVID-19 on students of higher education institutions – Challenges and way forward.** *Social Development Issues*, 2023: 45(2), 1-29.

**Attitude and practices towards COVID-19 among higher education students in India: A cross-sectional study.** *Journal of Public Health*, 2021: 1-13.

**Public health is under mental health risk: COVID-19 and stress among frontline health workers.** *International Journal of Indian Psychology*, 2020: 8(3), 1514-1517.

TOTAL INDUSTRY EXPERIENCE IN YEARS

03

TOTAL TEACHING AND RESEARCH EXPERIENCE IN YEARS

16

BOOKS 12

BOOK CHAPTERS 07

JOURNAL ARTICLES 67

RESEARCH

TWO PROJECTS WORTH RUPEES **18** LAKH



Professor

HIGHEST DEGREE

Ph.D. in Education in 2009 Annamalai University

## PROF. D. S. VENKATARAMAN

Prof. Venkataraman has 17 years of teaching and research experience in Teacher Education. He started his career in 2006 as an Assistant Professor in the Department of Education, Annamalai University. He has Master's degrees in Physics and Education, and subsequently went on to complete his doctoral degree in 2009.

Prof Venkataraman has successfully supervised seven PhD researchers, thus far. Before joining the Central University of Tamil Nadu, he has served as an Assistant Professor of Education in the Department of Educational Technology, Tamil Nadu Teachers Education University, Chennai. His areas of specialisation are educational psychology and applications of technology for education. He has completed UGC and ICSSR major research projects, and has developed mobile applications for the execution of the teacher education curriculum. Prof Venkataraman has organised one ICSSR sponsored national level seminar and has served as the organising secretary for four national

level UGC-SAP-DRS-II and NIEPMD supported seminars, two workshops and two international conferences till date. He also has served as the Deputy Director of Educational Multimedia Centre (EMMC) of Annamalai University since its establishment, and has extended support to various faculty members of Annamalai University for eContent development. He is a BoS member of the Tamil Nadu Teacher Education University in Chennai. Further, he is serving as an editorial board member of two journals. At Annamalai University, he has received three awards for his best research publications and research grant generation. He has published 85 research articles in reputed journals, and has published seven books and 26 chapters in edited books. Prof Venkataraman has acted as a resources person on numerous occasions and has delivered invited talks at various institutions. He also owns the privilege of having served as an RJ (casual announcer) in the All India Radio, Karaikal FM for six years since 2000.

### RESEARCH AREAS

Educational Psychology, Applications of Technology for Education

### GOOGLE SCHOLAR

Citations **145** | H-Index **08** | i10index **03**

### FACULTY HIGHLIGHTS

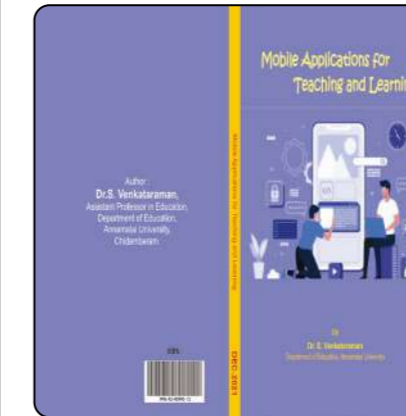
1

Prof. S. Venkataraman has specialised in applications of technology for education, developed Android-mobile applications and websites.



2 Young Researcher Award - 2018-19, in recognition of Publications by Annamalai University in 2019.

3



Venkataraman S (2022), Digitalization of Teaching and Learning, Rudra Publications, ISBN: 978-93-93767-57-8.



4 Venkataraman S (2022) Mobile Applications for Teaching and Learning, Mathi Offset Printers, ISBN: 978-93-92990-13-7.

5

Extended guidance for research in Mobile Applications' usage at Secondary and Higher School secondary levels and for Teacher education.

### TOP PUBLICATIONS

Assessment process of National Assessment and Accreditation Council (NAAC) of India – A Critical review, *International Journal of Innovative Research in Engineering and Multidisciplinary Physical Sciences (IJIRMP)*, 2022: 10(3),1-5.

Problems related to Smart classroom utilization, *International Journal of Advance Multidisciplinary Research*, 2022: 9(5), 126-130.

Effectiveness of M-learning for teacher education (B.Ed.), *Edu Reflections*, 2021: 8(1), 43-48.

Development of cell phone-Android applications for the execution of teacher education curriculum, *Think India*, 2019: 22(4), 9284-9289.



Associate Professor

HIGHEST DEGREE

Ph.D. in  
Education in 2019  
Karnatak University Dharwad

## DR. BHIMAPPA RANGANNAVAR

**D**r Bhimappa Rangannavar has Completed B.A from Karnataka College, Karnataka University Dharwad, B.Ed from MES Teachers College Bangalore, M.Ed. from NCERT-Regional Institute of Education, Mysore, M.A History by KSOU Mysore & sociology by IGNOU New Delhi, M.Sc. Geography by University of Madras Chennai Tamil Nadu, M.Phil. Periyar University Selum TamilNadu, Ph.D rom Karnataka University Dahrawd, D.Litt. Honorary Award by Internal Economics University for SAARC Male, Maldives, PGDHE by IGNOU, and Qualified KSET in History and Geography from University of Mysore and he has Qualified the KES Exam through Karnataka Public Service commission, Bangalore..

He has Working as Associate Professor of Education on 10/11/2022 to till date in School of Education and Training, in Central University of Tamil Nadu Thiruvarur. Tamil Nadu. He had Worked As Assistant Professor in the MANU University College of Teacher Education Darb-

hanga, Bihar and MANUU CTE Bidar Karnataka campuses since 17/02/2012 to 09/11/2022 and he had worked As Regular employer of Jawahar Navoday Vidyalaya, karimganj Assam and Worked as Lecturer in B.Ed. College Bangalore , Worked as academic Counsellor in MANUU to Distance Mode B.Ed. and M.Ed Programme since to 2012 to 09/11/2022.

He has research interests in Educational Technology, Teacher education, Methods of Teaching social studies and research. ●

RESEARCH AREAS  
Educational Technology  
and Teacher Education

GOOGLE SCHOLAR

Citations 27 | H-Index 03 | i10index 01

RESEARCH

### FACULTY HIGHLIGHTS

**1**  
UGC National seminar the best paper Presentation award on “Development of Inclusive Education through policies and strategies” by Kasturba College of Education Sholapur Maharashtra on 26 Feb 2017

**2**  
Honorary Doctors of Letters Award by International Economics University, Male(Maldives) on 28/12/2018 in Madhrai Tamailanau, for Achievements in Higher Education

**3**  
National Level Education Excellence Award from ESN Publications, Chennai on 30th January 2021



**4**  
National Level recipient of the Bharat Shiksha Gouarava Puraskar in the field of Education on 14th November 2021 at the Outstanding Achievers Foundation, New Delhi

**5**  
Best Paper presentation award on “Effectiveness of ICT and Global education in Teaching Learning Process” by Osmania University , centre for international Programme on 04/11/2018

TOTAL INDUSTRY EXPERIENCE IN YEARS **16**

TOTAL TEACHING AND RESEARCH EXPERIENCE IN YEARS **13**

BOOKS **01**

BOOK CHAPTERS **28**

JOURNAL ARTICLES **37**

### TOP PUBLICATIONS

**Higher education in India: Issues and challenges**, *International Journal of Academic Research*, 2021; 8(5-3): 19-22.

**New Dimensions in higher education in the past Covid -19**, *Dogo Rangsang Research Journal*, 2022; 12(8).

**Effect of Creativity in Language Education on Academic Achievements**, *International Journal for Multidisciplinary Research*, 2023 ; 5(2): 1-8.



Assistant Professor

HIGHEST DEGREE

Ph.D. in Education in 2011  
Dravidian University

## DR. POORNIMA RAJENDRAN

Dr. Poornima Rajendran after completing her BSc, BEd, and MEd programs at the Avinashilingam University, went on to pursue her MSc in Applied Psychology at the Annamalai University, subsequently her PhD at the Dravidian University in Andhra Pradesh. She has been honored with the Smt. Malini Lionel Award for her excellence in special education and rehabilitation at the graduate level and has secured proficiency prizes throughout her academic career. She cleared UGC-NET in 2009.

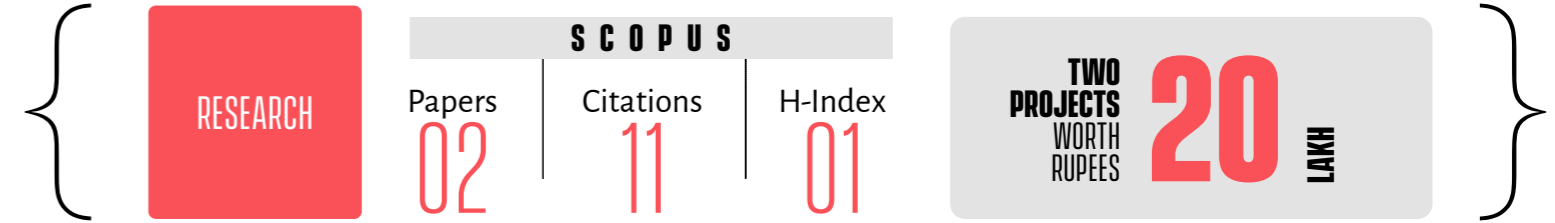
Further, she was awarded the Young Guest and Doctoral Researchers' Annual Scholarship for Investigation and Learning (Yggdrasil) in Norway during the academic year 2011–12 for pursuing post-doctoral research on inclusive education practices in Norway. Further, she received the Srinath Bhargava Memorial Award 2012 from the Indian Psychometric and Educa-

tional Research Association in Patna. She is the author of two research books on education and has also published more than 50 papers, both theoretical and empirical, based on various aspects of education, special education, and disability studies in peer-reviewed journals. She has also presented about 35 papers at various national and international seminars and conferences. Apart from this, she is an RCI-registered professional special educator. She worked as a project fellow for a period of 3 years on the UGC Major Research Project. Before joining the Central University of Tamil Nadu, she worked as an Assistant Professor in Education for a period of three years at the Central University of Orissa, Koraput. Poornima received an ICSSR-funded major research project that focuses on the professional development of teachers with respect to inclusive education. ●

RESEARCH AREAS  
Educational Psychology and Inclusive Education

GOOGLE SCHOLAR

Citations 240 | H-Index 06 | i10index 05



### FACULTY HIGHLIGHTS

1

Registered Professional Special Educator under section 19 of the Rehabilitation Council of India Act 1992.



2 Smt. Malini Lionel Award 2007 for outstanding performance in BSc Special Education at Avinashilingam University.

3

Yggdrasil (Young Guest Doctoral Researchers Annual Scholarship for Investigation and Learning) Fellow, Research Council of Norway, Oslo, during 2011–12.



4 Developed 5 E-content modules for UGC MOOCs SWAYAM Programme B.Ed. Visual Impairment: Intervention and Teaching Strategies.

### TOP PUBLICATIONS

Discourses of teachers on strategies used to teach students with special educational needs (SWSEN) in inclusive classrooms, *EDUTracks*, 2020: 19 (8), 26–35.

Teacher competencies for inclusive education: Will emotional intelligence do justice? *Journal of Education*, 2020: 9 (1), 169–182.

Knowledge, attitude, and practices towards COVID-19 among higher education students in India: a cross-sectional study, *Journal of Public Health (Berl.)*, 2022: 30, 1661–1673.

Emotional intelligence (EI) of school teachers: implications for school leadership, *Journal of Frontiers in Education*, 2022: 11(3), 12–27.





Assistant Professor

HIGHEST DEGREE

Ph.D. in  
Education in 2014  
University of Mysore

## DR. BIJU K.

**D**r Biju is an Assistant Professor in the Department of Education, School of Education and Training, Central University of Tamil Nadu. He has a PG degree in Physics and has a B.Ed degree in Moral and Spiritual Education from the Ramakrishna Institute of Moral and Spiritual Education, Mysuru and an M.Ed from Regional Institute of Education, Mysuru, with first ranks. He Started his career as a Higher Secondary school teacher in Physics, and then as a teacher educator.

Dr. Biju K has worked as Manager, Product Development and Alliances at NIIT, and as a Training Manager in SMART India Pvt Ltd. He has trained over five thousand school teachers across the country in various topics like assessment, and 21st-century education, prepared and handled classes in CTET, and was a corporate trainer in soft skills. He has vast expertise in science education, ICT, educational research

and statistical analysis, and curriculum design and development. Dr. Biju has contributed to different SWAYAM MOOCs, and has published several papers in national and international journals. He has served as a master trainer for Microsoft and Intel, and has handled sessions and workshops for NCERT CIET, SIET Kerala, and also at all HRDCs of Kerala. He has designed and conducted training programmes at APJ Abdul Kalam Technical University, University of Calicut, Kannur University and Sree Sankara University on LMS, OBE, and Instructional Design. ●

### RESEARCH AREAS

Science Education, Information and Communication Technology (ICT), Curriculum Development, Evaluation Methodologies, and Environmental Education

RESEARCH

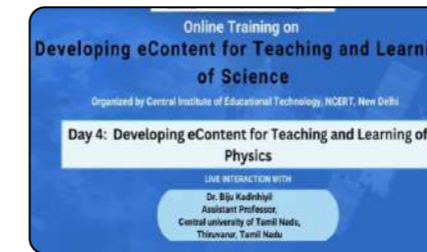
### GOOGLE SCHOLAR

Citations 04 | H-Index 01 | i10index 0

### FACULTY HIGHLIGHTS

1

Online Training on e-Content for Teaching and Learning of Science organized by Central Institute of Education Technology (NCERT)



2 Online Training on Learning Management System(LMS) to enhance Teaching-Learning Process organized by CIET (NCERT), New Delhi

3

Contribution to PM eVidya Channel



4 Contribution to SWAYAM MOOC on Internship in Teaching at National Resource Centre

TOTAL INDUSTRY EXPERIENCE IN YEARS 08

TOTAL TEACHING AND RESEARCH EXPERIENCE IN YEARS 12

BOOKS 0

BOOK CHAPTERS 04

JOURNAL ARTICLES 08

### TOP PUBLICATIONS

**Mathematics education in India through policy documents.** *Journal of Indian Education, National Council of Education Research and Training, 2023;48(4).*

**Exploring the possibilities of artificial intelligence in the education of children with disabilities.** *Journal of the Asiatic Society of Mumbai. 2023; XCVI(25).*

**Literacies in new normal. Techno-pedagogic experiments and modalities for better classrooms.** Sameer Babu M (ed). Archers & Elevators Publishing House, Bangalore. 2022: ISBN 978-93-94958-67-8.



Assistant Professor

HIGHEST DEGREE

Ph.D. in  
Education in 2014  
MS University of Baroda

## DR. PRAMILA RAMANI

Self-learning material can help students as a supplement to classroom teaching therefore a teacher should be able to develop such materials using psychological theories. A teacher should be a good researcher, enthusiastic, energetic, and multitasking, have wide knowledge about all subjects and in-depth knowledge of the particular subject (T shaped), have good character, be fun-loving, enjoy students' company, and be a good human being.

Dr. Pramila Ramani have these characteristics therefore she will be a good teacher. She will do her best for the organization and well-being of the students. ●

### RESEARCH AREAS

Educational Philosophy, Mathematics Education, Educational Technology, ICT in Education

### GOOGLE SCHOLAR

Citations 32 | H-Index 03 | i10index 02

RESEARCH  
THREE PROJECTS WORTH RUPEES 9 LAKHS

### FACULTY HIGHLIGHTS

1  
Development and Implementation of E-Learning in Discrete Mathematics, funded by ICSSR, India, 2017-2018, Sanctioned Amount: Rs 2 lakh.

2  
A Study of ICT Integration in Teaching and Learning in Higher Education in India, funded by Inter-University Centre for Teachers Education [IUCTE] A Scheme of [PMMMNMTT] The MSU of Baroda, India, 2019-2020, Sanctioned Amount: Rs 6,60,000/-

3  
Construction and Implementation of E-Learning in Data Analytics using Python, funded by Inter-University Centre for Teachers Education [IUCTE] A Scheme of [PMMMNMTT] The MSU of Baroda, India, October 2019-March 2020, Sanctioned Amount: Rs 1,10,250/-



TOTAL INDUSTRY EXPERIENCE IN YEARS 0 | TOTAL TEACHING AND RESEARCH EXPERIENCE IN YEARS 13 | BOOKS 08 | BOOK CHAPTERS 02 | JOURNAL ARTICLES 34

### TOP PUBLICATIONS

Effectiveness of self-developed multimedia package tool's influence on listening skill acquisition among integrated B.Sc B.Ed students in higher education, *IJHS*, 2022; 4683-4696.

Artificial intelligence in higher education and changing roles of educators, *World Journal of Educational Research*, 2022; 56-67.

Bhagwat Gita as a part of Mahabharata and its comparison with other religious literature, *World Journal of Educational Research*, 2021; 1-8.

E Challenges faced by students due to online learning during this COVID-19 pandemic situation. *International Journal of Management and Humanities*, 2021; 1-11.



Assistant Professor

HIGHEST DEGREE

M.Phil. in  
Education in 2015  
Utkal University

## MR. SUNIL KUMAR

**M**r Sunil Kumar works as an assistant professor in the Department of Education, School of Education & Training, Central University of Tamil Nadu. He had completed an MPhil in Education & M.Ed. from the Regional Institute of Education (NCERT) in Bhubaneswar and completed UG and PG in Zoology from Mumbai University. Started his career as a lecturer in Zoology and then shifted to Teacher Education..

In an administrative capacity, he has handled IQAC, Examination Cell, Gymkhana, NSS. His research area is Teacher Education, Guidance and Counselling, and Educational Administration and Management. Has published 2 papers, attended 10 seminar/conference / workshop. Acted as resource person in various

forums (16). He has delivered more than 20 invited talks at various institutions. In his youth, he participated in 100 metres and 200 metres sprint. His non-scholastic hobbies are travelling, photography and playing tennis. ●



FACULTY HIGHLIGHTS

**1** Coordinator for the one-day orientation programme on 'Motivation of Youth for Inspiring Rural Reconstruction' organized by Department of Education, Central University of Tamil Nadu and sponsored by National Council of Rural Institutes (MHRD) Hyderabad.



**2** Acted as a Chairperson of the Question Paper Scrutiny Board for the B.Ed. distance education course, Alagapa University, Karaikudi, Tamil Nadu.

**3** Acted as a resource person and moderator in six-day Faculty Development Programme organized by Perunthalaivar Kamrajar College of Education, Karaikal in association with Mahatma Gandhi National Council of Rural Education, New Delhi on 26 & 27 November 2018.



**4** Invited Speaker in the National Webinar on national Educational Policy 2020: Prospects and Challenges held on October 10th 2020 organized by Government Girls degree College, Saharanpur, Meerut, UP

**5** Chaired a session in the ICCSR sponsored two-day national seminar on "Quality Teacher Education: Issues & Challenges of Two-Year B.Ed. programme" organized by Department of Education, Nagaland University.



TOTAL INDUSTRY EXPERIENCE IN YEARS **0** | TOTAL TEACHING AND RESEARCH EXPERIENCE IN YEARS **09** | BOOKS **0** | BOOK CHAPTERS **01** | JOURNAL ARTICLES **03**

TOP PUBLICATIONS

**Pre-service secondary level teacher education programme of Jharkhand: An analysis,** ANWESHAN peer reviewed National Journal of Education. 2017 ; V (1): 121-128.

**Quality of teacher education programme in Jharkhand: An analysis with reference to NCFTE (2009).** Proceeding of Conference on Quality Assurance in School Education, RIE (NCERT), Bhubaneswar, Odisha, 2016; 124-129.

**Paper on quality teacher education: Issues and challenges of two-year B.Ed. programme in teacher education quality indicator,** Department of Education, Nagaland University.

SCHOOL OF EDUCATION  
AND TRAINING



# DEPARTMENT OF PHYSICAL EDUCATION AND SPORTS



**Prof. D. Maniazhagu**  
Professor and Head



**Dr. S. Jayaraman**  
Associate Professor



**Dr. K. Vishnuvardhan Reddy**  
Assistant Professor



**Dr. Nagaraja Y.**  
Assistant Professor



**Dr. S. Binthu Mathavan**  
Assistant Professor



**Dr. S. Akila**  
Assistant Professor

RESEARCH

SEVEN PROJECTS WORTH RUPEES 62 LAKH



Professor

HIGHEST DEGREE

Ph.D. in Physical Education in 2016 Alagappa University

## PROF. D. MANIAZHAGU

Prof Maniazhagu started his education at the Government Higher Secondary School, Vandavasi, and later his BSc (Zoology) degree at the Arignar Anna Government Arts College, Cheyyar, Thiruvannamalai District.

After completing his graduation, he underwent his Bachelor's and Master's degree programmes in Physical Education at the YMCA College of Physical Education in Chennai, between 1995-96 and 1997-98, respectively.

During his MPED programme, he successfully cleared the State Level Eligibility Test (SLET) for Lectureship conducted by the Bharathidasan University, Thiruchirapalli, in April 1998. He started his career in 1998 as a Lecturer in Physical Education at the YMCA College of Physical Education, Chennai. In May 2001, Prof

Maniazhagu completed his MPhil programme in Physical Education with First Rank at the Department of Physical Education and Health Sciences, Alagappa University, Karaikudi. He completed his PhD in Physical Education at the Alagappa University in 2006. He joined Alagappa University as an Assistant Professor and continued as an Associate Professor, and subsequently a Professor in the Department of Physical Education and Health Sciences from 2006 to 2023. Prof Maniazhagu is currently a Professor in the Department of Physical Education and Sports, Central University of Tamil Nadu, from 12th April 2023 onwards. ●

RESEARCH AREAS  
Sports Physiology, Training Methods, Exercise Prescription

### GOOGLE SCHOLAR

Citations 256 | H-Index 10 | i10index 10

### FACULTY HIGHLIGHTS

1

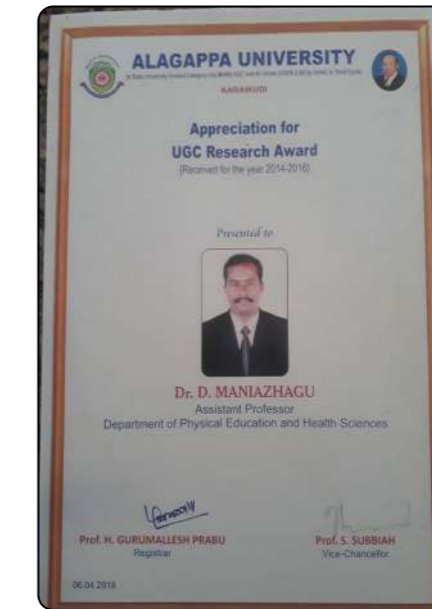
Outstanding Researcher Award Korean National Sports University, Asia Pacific conference on Coaching Science, Seoul, Korea, 2018.



2



Alagappa Excellence Award for Research in 2018, Alagappa University.



3 UGC Research Award at New Delhi in 2016.

### TOP PUBLICATIONS

Effects of circuit training and battle rope training on cardio-respiratory endurance of school girls, *Indian Journal of Yoga Exercise and Sports Science and Physical Education*, 2023; 8(1).

Effects of throw ball practice combined with neuromuscular drills on upper body muscular endurance, *International Journal of Physical Education Sports Management and Yogic Sciences*, 2023; 13 (1): 20-28.

Effects of kids plyometric training combined with stretching exercise on the agility of school boys, *International Journal of Physical Education Sports Management and Yogic Sciences*, 2023 ; 13(1): 6-14.



Associate Professor

HIGHEST DEGREE

Ph.D. in Physical Education in 2016 Alagappa University

## DR. S. JAYARAMAN

**D**r Jayaraman has vast expertise in track, field, strength and conditioning. He is a qualified NIS Coach in Athletics, and has Level II Athletics Coach international license by the World Athletics Federation (formerly International Association of Athletics Federation).

He also owns the Level 1 License in Athletics (Ethiopia) and Level 1 The International Society for the Advancement of Kinanthropometry (ISAK). He has published his findings titled New Studies in Athletics by IAAF on identification of climatically suitable Ethiopian training sites to prepare marathon runners for the 2020 Olympic games 32: 3/4;103-109,2017 in a renowned magazine, World Athletics. He owns an electronic media on comprehensive teaching of all throws in athletics, which has

a wider circulation in the country, and has also directed three documentaries on Africans Making Strides by Leaps and Bounds, Human Race (Humanity redefined in Sports) and Rise of Indian Sports-Through the Horizon. Dr. Jayaraman has contributed meticulously in the coaching department of athletics, and his keen on nurturing intermediate athletes through eKhel Pathashala through community coaching, coach athlete development education program via Khelo India and Fit India. He has produced many national champions in the country and overseas, as well. ●

**RESEARCH AREAS**  
Sports Physiology, Training Methods, Exercise Prescription



### FACULTY HIGHLIGHTS

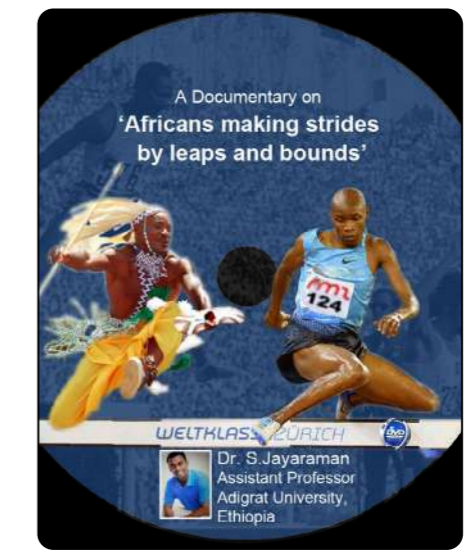
1

Expertise in Track and Field and strength and conditioning, who is a Qualified NIS Coach in Athletics and who also has international license of Level II Athletics Coach by World Athletics (formerly International Association of Athletics Federation).



2

Received Best Paper Award in International and National Conferences, Received best documentary award twice in International Short Film and Documentary Context and Directed a e Teaching source (Electronic Media).



3

Trained elite athletes in India and Overseas.

TOTAL INDUSTRY EXPERIENCE IN YEARS **0**

TOTAL TEACHING AND RESEARCH EXPERIENCE IN YEARS **10**

BOOKS **02**

BOOK CHAPTERS **01**

JOURNAL ARTICLES **36**

### TOP PUBLICATIONS

**Identification of climatically suitable ethiopian training sites to prepare marathon runners for the 2020 Olympic games, *New Studies in Athletics*, 2017; 3 : 103-109.**

**Performance analysis of track events between London 2017 and Doha 2019 IAAF world championships, *Parishodh Journal*, 2020; 9: 10632-37.**

**Somato types of Indian elite rowers, *Parishodh Journal*, 2020; 9: 2819-2825.**

**Google earth and GIS on preparation of elite Athletes, *International Journal of Physiology Nutrition and Physical Education*, 2019; 4: 51-55.**



Assistant Professor

HIGHEST DEGREE

Ph.D. in Training Method in Physical Education and Sports in 2021 Osmania University

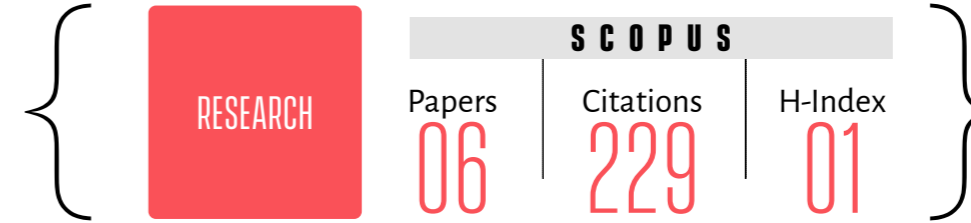
## DR. K. VISHNUVARDHAN REDDY

Dr. Vishnuvardhan Reddy is an Assistant Professor at the Central University of Tamil Nadu, Thiruvaur, in the Department of Physical Education, School of Education and Training. He completed his Masters in Physical Education at RCPE, Proddatur in 2014.

He pursued his MPhil programme in Physical Education at the TNPESU in 2016, and PhD in Physical Education at the Osmania University in 2021. He also obtained a PG Diploma in Yoga

from the Annamalai University and NIS in Yoga from the NSNIS in Patiala, Punjab.

From February 2022 to June 2023, he has worked as an Assistant Professor in the Department of Physical Education, Palamuru University, Mahabubnagar, Telangana. ●



FACULTY HIGHLIGHTS

1

One patent was granted. (2023). *Method to Extract and Identify Immunity Boosting Properties in Plants.*



2

Received Young Researcher Award from International Federation of Physical Education, Fitness and Sports Science (IFPEFSSA-2021) India.

3

Organised a Two-Day International Conference on Recent Advances in Physical Education, Fitness and Sports Science 2022 from 7-8th January, 2023 at Palamuru University, Telangana.



4

Book on (2021) *Application of Isolated and Combined Effects of Plyometric and SAQ Training Combined with Skill Training on Performance Parameters of Osmania University Male Football Players*, Lulu Publication, 3101 Hillsborough, Raleigh, NC 27607, United States, ISBN-978-1-716-07029-7.

5

Kondapuram V. Reddy (2019). *Consequence of Strength Trainings on Special Body Compositions Significance of Muscle Training on Unusual Body Concertos*, LAP Lambert.

TOP PUBLICATIONS

**Influence of low intensity aerobic exercise training on the Vo2 Max in 11 to 14 years school girls in Hyderabad district.**, *Asian Journal of Applied Science and Technology*, 2022; 6(3): 22-24.

**Difference between inter college female basketball players and handball players in motor fitness and health related parameters.** *International Journal of Health, Physical Education and Computer Science in Sports*, 2021: 43(2): 24-26.

**Impact of yogasana training on physiological parameters of interscholastic boys.** *Asian Journal of Physical Education and Computer Science in Sports*, 2021: 24(1): 26-38.





Assistant Professor

HIGHEST DEGREE

Ph.D. in  
Physical Education in 2022  
Kuvempu University

## DR. NAGARAJA Y.

**D**r Nagaraja was born in a small village, G Dadapura in Harapana-halli Taluk, Vijayanagara District, Karnataka. He started his education at the Government Higher Secondary School in Shivamogga and he pursued his BA (Kannada) degree at the Government First Grade College in Shivamogga. Later, he completed his Bachelor's (BPed) and Master's (MPed with 1st rank) degrees in the Department of PG Studies and Research in Physical Education in Kuvempu University, Shivamogga, between 2014-15 and 2015-17, respectively.

While pursuing his MPed programme, he successfully cleared the Karnataka State Eligibility Test (KSET) for Lectureship conducted by the University of Mysore in 2015 and subsequently the UGC-NET for Lectureship in November 2017. He completed his PhD (Physical Education) at the Kuvempu University in 2022 with NFST fellowship. He started his teaching

career as a Guest Lecturer in the Department of Physical Education, Sahyadri Science college, Shivamogga, and later at the Department of PG Studies and Research in Physical Education in Kuvempu University. He joined the Central University of Tamil Nadu as an Assistant Professor in the Department of Physical Education and Sports, from June 2023. He has published 18 research papers in reputed journals, and has participated and presented more than 15 research papers in several national and international conferences as well as seminars and workshops. Being a sportsman, he is primarily focused on imparting advanced sports and physical fitness training to students. He is also a sports educator who provides health tips to augment the of quality of life. ●

RESEARCH AREAS

Physical Fitness, Sports Training  
and Athletic Career

RESEARCH

FACULTY HIGHLIGHTS

1

Karnataka State Eligibility Test Center  
Mysore (KSET) for  
Lectureship 2015.

3

5th Rank in BPED degree exam  
Kuvempu University 2015.  
1st Rank in MPED post-graduation  
Kuvempu University 2017.



2

NET, UGC National educational  
testing bureau 2017.  
Karnataka Teachers Eligibility  
Test (KAR-TET), Government of  
Karnataka 2015.

4

Represented Kuvempu  
University in the Kho-Kho  
South zone Inter-University  
Competition in the years of  
2011-12, 2012-13.

5

Represented Kuvempu  
University in the Soft Ball All India  
Inter-University Competition in  
2016-17, held in Kerala.

TOP  
PUBLICATIONS

**A comparative study on physical fitness, body composition and psychological aspects of male retired sportspersons and non-sportspersons.** *Shodh Sanchar*, 2021 :8(29): 31-35.

**A study on apprehensions about sports retirement in male and female sportspersons of Karnataka state.** *Shodh Sarita*, 2021 :8(29): 26-30.

**Health profiles of retired male and female sports persons of Karnataka state.** *International Journal of Health, Physical Education and Computer Science in Sports*, 2021 :40(1).

TOTAL INDUSTRY  
EXPERIENCE  
IN YEARS **0**

TOTAL TEACHING  
AND RESEARCH  
EXPERIENCE IN YEARS **04**

BOOKS **0**

BOOK  
CHAPTERS **0**

JOURNAL  
ARTICLES **18**



RESEARCH

ONE PROJECTS WORTH RUPEES **1.5** LAKH



Assistant Professor

HIGHEST DEGREE

Ph.D. in  
Methods of Training in 2014  
Pondicherry University

## DR. S. BINTHU MATHAVAN

**D**r Binthu Mathavan is an Assistant Professor at the Department of Physical Education and Sports at the Central University of Tamil Nadu's School of Education and Training (since 2023). Between 2020 and 2023, he has worked as an Assistant Professor in the Department of Physical Education at the Central University of Punjab in Bathinda.

Following his PhD, MPhil, MPEd, and PG Diploma in Health Fitness, Wellness, and Lifestyle Management at the Pondicherry University between 2008 and 2014, he was a postdoctoral fellow from 2015 to 2020. During his MPED and MPhil programmes he has bagged the best student gold medal awards.

In 2009, he received his PG Diploma in Yoga from the Annamalai University at Chidambaram. In 2007-08, he earned a BPEd degree from Alagappa University and a BSc in Physical Education from Manonmaniam Sundaranar Uni-

versity in Tirunelveli (2004-07). He attended the ICI Government Higher Secondary School in Tenkasi and the Chatram Bharathi Higher Secondary School in Kadayam in Tenkasi. He is an AIFF Qualified 'D' License Football Coach, a Level One Kin-Anthropometricist, an 'ISSA' Qualified Personal Fitness Trainer, and an Obesity Consultant. Dr Mathavan has authored 23 research papers, and has presented his research findings in five international conferences, and 11 national-level workshops.

His seminar papers have been published on Scopus, Web of Science, and several other peer-reviewed journals. His research domains are obesity and physical therapy, human motion analysis and development, methods of training sports enhancement, and the impact of psychology on sports performance. ●

FACULTY HIGHLIGHTS

1

Twenty three research articles, 16 conference papers have been published on Scopus, Web of Science, and peer-reviewed journals.



Two books: *Impact of Core Training and Plyometric Training on Soccer Players* and *Sports Coaching and Officiating in Physical Education*.

3

The patent was registered and published in German entitled *An Artificial Intelligence-based System for proactive Network Security*.

4

Professional Licensed Football Coach and 10 years of coaching Experience in coaching of football Men and Women team in several universities.

5

Qualified level one Anthropometrist ISAK and Qualified Fitness Trainer, International Sports Sciences Association (ISSA).

TOP PUBLICATIONS

**Analysis of the factors associated with the computer's satisfaction level on services provided in the library with special references to engineering college in Tirunelveli, Tamilnadu.** *Journal of Physical Education and Sports*, 2023; 21(6): 2732-2741.

**Operative summary: Status of obesity prevalence and therapy.** *Indian Journal of Natural Sciences*, 2022;13 (73).

**Psychological factors affecting the mental health: A study on Elite Wushu athletes.** *Indian Journal of Natural Sciences*, 2022; 13(75).

RESEARCH

RESEARCH AREAS  
Methods of Training, Sports Psychology, Obesity and Physical Therapy, Bio-Mechanical Analysis

GOOGLE SCHOLAR

Citations 10 | H-Index 01 | i10index 0

TOTAL INDUSTRY EXPERIENCE IN YEARS 0 | TOTAL TEACHING AND RESEARCH EXPERIENCE IN YEARS 09 | BOOKS 0 | BOOK CHAPTERS 03 | JOURNAL ARTICLES 24



Assistant Professor

HIGHEST DEGREE

Ph.D. in Physical Education and Yoga for special needs in 2012 Ramakrishna Mission Vivekananda University

DR. S. AKILA

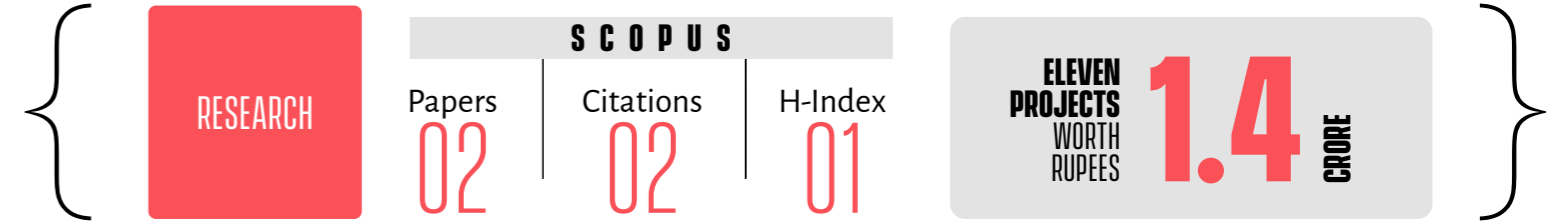
Dr Akila is currently serving as an Assistant Professor in the Department of Physical Education and Sports which encompasses teacher education and research programs on regular basis at CUTN located at Thiruvarur-the granary of south India. Prior to this appointment she served at the Bharathiar University, Coimbatore. She was born in Coimbatore- the Manchester of South India in a family bound to Tamil tradition. She graduated BSc Physical Education from Avinashilingam University, BPEd from Madras University and pursued MPEd at Bharathiar University securing a gold medal for her academic excellence. Her PhD research work was into adapting Yoga and physical education for the disabled. She developed interdisciplinary knowledge by acquiring degrees such as BEd in Mental retardation, MSc Yoga, MSc in Psychology, PG diploma in fitness management, child devel-

opment and Special Olympics. Out of her deep interest in transforming life of special needs, she specialised in yoga for special needs from a US based Brazilian special yoga trainer. She was an elite athlete, a national level race walker who had set records in state, district and inter-collegiate levels and a state basketball player. Her literary services were her passion not only by interest but also by genetic inheritance as proof she has trilingual publications. Her vision for the field is to raise standards of physical education and enhance the health status of the country. With a bag full of awards for academic, research and sports, having in mind the legacy she wanted to leave for life, she also serves the society as a social activist, a Rotarian empowering women, transgender, special needs community and the educationally backward through sports towards nation building. ●

**RESEARCH AREAS**  
Research, Adapted Physical Education, Yoga for Special Needs and Transgender, Sports Psychology, Special Olympics, Bio-mechanics in Para-sports, Athletics and Basketball

GOOGLE SCHOLAR

Citations 09 | H-Index 01 | i10index 0



FACULTY HIGHLIGHTS

1

Three-time and only young scientist fellowship awardee in the field of physical education in Tamil Nadu, completed projects worth Rs1.4 crore and has ongoing ICSSR projects worth Rs26 lakh for CUTN. Holds the highest Web of Science editor record and Publon excellent reviewer record in India in the sports category. Serves as an editorial member in reputed scholarly journals. She has authored 19 books widely used as reference materials for physical education and research programmes. She is presently writing her 20th book.

2



Predicted Olympic medal tally and role of sports management towards Olympic Victory in Southeast Asian games conference 2019.

3



She served as a resource person for international conferences in India and the Philippines. MOU initiation with UTM Malaysia and University Putra Malaysia

4

Dr. Akila is a national-level long-distance athlete, State Gold medalist, and university record holder.

TOP PUBLICATIONS

**The Emerging Role of Artificial Intelligence in STEM Higher Education: A Critical Review**, *International Research Journal of Multidisciplinary Technovation*, 5(5) (2023) 1-19.

**The Influence of Various Exercise regimen for Improving Bone Health of Postmenopausal Women – A Review**, *International Journal of Human Movement and Sports Sciences*, Vol. 10(6) (2022) 1337-1347.

**Assessment of nurses' knowledge, attitude and perception on cardiac rehabilitation program at a tertiary care teaching hospital**, *International Journal of Research in Pharmaceutical Sciences* 11(3) (2020) 4099-4110.



**SCHOOL OF  
INTEGRATIVE BIOLOGY**



**DEPARTMENT OF  
BIOTECHNOLOGY**

DST-FIST SPONSORED AND DBT-RECOGNISED DEPARTMENT



**Prof. P. Rajaguru**  
Professor and Head



**Prof. E. M. Shankar**  
Professor



**Dr. J. Rajesh Banu**  
Associate Professor



**Dr. S. Kathiresan**  
Associate Professor



**Dr. Jayalakshmi Krishnan**  
Assistant Professor



**Dr. Meganathan Kannan**  
Assistant Professor



**Dr. Indranil Chattopadhyay**  
Assistant Professor



**Dr. Dinakar Challabathula**  
Assistant Professor



**Dr. Latchoumycandane Calivarathan**  
Assistant Professor



**Dr. Poornachandar Gugulothu**  
Assistant Professor



Professor

HIGHEST DEGREE

Ph.D. in Environmental Science in 1998 Bharathiar University

## PROF. P. RAJAGURU

Prof Rajaguru obtained his MSc degree in Environmental Toxicology from the University of Madras, Chennai. He received his PhD degree in Environmental Sciences from the Bharathiar University, Coimbatore, and has undergone his postdoctoral training at the National Institute of Health Sciences, Japan.

He has more than three decades of teaching and research experience in environmental toxicology and biotechnology. Besides, his specialization includes human health risk assessment, and molecular toxicology. He has successfully completed 16 research projects and has published over 60 research articles in peer-reviewed scientific journals. He is a proud recipient of the International Cancer Technology Transfer Award from the International Union

Against Cancer (UICC), Geneva, Switzerland twice (1998 and 2002) and has received the Short Term ICMR-DHR International Fellowship twice (2014 and 2019). ●

RESEARCH

Papers

66

SCOPUS

Citations

2293

H-Index

28

17 PROJECTS WORTH RUPEES

5.6

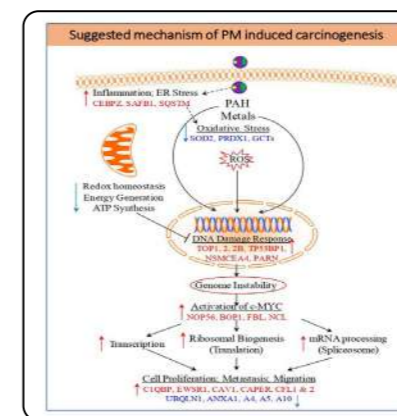
CRORE

### FACULTY HIGHLIGHTS

1

Specialized in applying OMICS techniques to understand the molecular mechanisms and therapeutic target(s) for cancer and diabetes.

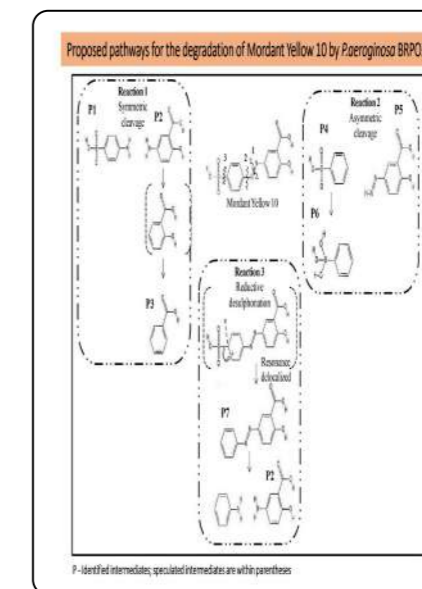
2



Expertise in the development of biomarker-based newer monitoring techniques to assess the impact of air/water pollution on health.

3

Vast expertise in biodegradation and bioremediation of persistent organic pollutants.



### TOP PUBLICATIONS

Integrated bio-chemo degradation of mordant yellow 10 using upflow anaerobic packed bed reactor (UAPBR) and tray type photo-Fenton reactor (TPFR). *Journal of Cleaner Production*, 2019; 208: 602-11.

Toxicoproteomic analysis of human lung epithelial cells exposed to steel industry ambient particulate matter (PM) reveals possible mechanism of PM related carcinogenesis. *Environmental Pollution*, 2018; 239:483-92.

In vitro cytotoxicity of *Gymnema montanum* in human leukemia HL-60 cells: Induction of apoptotic cell death by mitochondrial membrane potential collapse. *Cell Proliferation*, 2013; 46(3):263-71.

RESEARCH

RESEARCH AREAS  
Molecular Toxicology and Proteomics

GOOGLE SCHOLAR

Citations 3.1K | H-Index 33 | i10 index 58

TOTAL INDUSTRY EXPERIENCE IN YEARS

01

TOTAL TEACHING AND RESEARCH EXPERIENCE IN YEARS

38

BOOKS

0

BOOK CHAPTERS

02

JOURNAL ARTICLES

62



Professor

HIGHEST DEGREE

Ph.D. in Medical Microbiology in 2007  
PG Institute of Basic Medical Sciences

## PROF. E.M. SHANKAR

**B**orn in Kanyakumari in an agrarian family amidst five siblings in 1975, Shankar underwent his schooling at the Vivekananda Kendra Vidyalaya, Kanyakumari (1981-91), and subsequently at the SLB Government Higher Secondary School in Nagercoil. He received his UG degree in Microbiology from the University of Madras.

Fascinated by certain pathomechanistic intricacies in infectious diseases, he got enrolled for a 3-year MSc programme in Medical Microbiology at the PG Institute of Basic Medical Sciences (PG IBMS) in Chennai. Following his ICMR-JRF/SRF-supported PhD stint, Shankar became an Assistant Professor at the YRG Center for AIDS Research and Education, Chennai. He has worked for the Collaboration for AIDS Vaccine Discovery (CAVD), a flagship programme of the Bill and Melinda Gates Foundation at the Department of Surgery, Duke University,

North Carolina, USA, in 2007. Later, he worked with Prof Marie Larsson at the Department of Clinical and Experimental Medicine, Linkoping University, Sweden, in 2009 as a postdoctoral scientist on myeloid-derived dendritic cell-T cell interactions in mucosal HIV infection. In 2011, he moved to the University of Malaya, Kuala Lumpur, to work as an Associate Professor (Medical Microbiology) at the Faculty of Medicine. He joined the Central University of Tamil Nadu as an Associate Professor in 2016, and has served as the founding Head of the Department of Life Sciences, and the founding Dean of School of Life Sciences until 2019. He spearheaded the establishment of the Central Instrumentation Facility at the School in 2019. He has supervised four PhD scholars, 28 PG students, and two postdoctoral researchers. He is a Scientific Advisory Committee Member of the Regional Medical Research Centre (ICMR), Bhubaneswar since 2022. ●

**RESEARCH AREAS**  
Infectious Diseases and Inflammatory Disorders

GOOGLE SCHOLAR

Citations **5.1K** | H-Index **41** | i10 index **106**

**RESEARCH** | SCOPUS | **SIX PROJECTS WORTH RUPEES 1.45 CRORE**

Papers **160** | Citations **3206** | H-Index **32**

FACULTY HIGHLIGHTS

1

Fellow of the Royal College of Pathologists, United Kingdom since 2019, with voting rights to elect office bearers of the College, established in 1970 under the auspices of Her Majesty, the Queen Elizabeth-II.



2



Recipient of the Outstanding Research Scientist Award (Immunology) 2023 by the Antiviral Research Society, India.

4



Editor of *Scientific Reports*, *BMC Infectious Diseases*, *Frontiers in Immunology and Medicine*.

3

Awardee of the PLoS One Editorial Board Long Service Award, by the Public Library of Science, USA, in 2023.

5



Edited and catalogued the Flora (2023) & Fauna (2019) of CUTN in two volumes.

TOP PUBLICATIONS

**Clinical characteristics and novel mutations of omicron subvariant XBB in Tamil Nadu, India - A cohort study.** *Lancet Regional Health - South-east Asia*, 2023; 13: 100272.

**Aberrant inflammasome activation characterizes tuberculosis-associated immune reconstitution inflammatory syndrome.** *Journal of Immunology*, 2016;196(10):4052-63.

**Impaired NK cell activation and chemotaxis toward dendritic cells exposed to complement-opsonized HIV-1.** *Journal of Immunology*, 2015;195(4):1698-704.

**Functional role of mucosal-associated invariant T cells in HIV infection.** *Journal of Leukocyte Biology*, 2016;100(2):305-14.



Associate Professor

HIGHEST DEGREE

Ph.D. in Environmental Biotechnology in 2006 Anna University

## DR. J. RAJESH BANU

Dr Rajesh Banu is an Associate Professor in the Department of Biotechnology, Central University of Tamil Nadu (CUTN), India. He is also a Visiting Professor at the Center for Excellence in Environmental Studies, King Abdul Aziz University, Saudi Arabia. He has 19 years of teaching experience in national (Anna University and CUTN) and international universities (SKKU, South Korea). He is a visiting researcher at the East China Normal University, China, and is a former post-doctoral fellow at the Sungkyunkwan University (SKKU), South Korea.

He has authored over 350 publications in SCI and SCIE journals with a cumulative impact factor of 2010. His publications have earned over 13800 citations and 63 h-index so far.

He is a Senior Editor of e-Prime, an Elsevier journal. He has authored seven books, and has published 46 book chapters and 14 conference

proceedings. He has received 12 major grants from the Government of India and four consultancies from industries. He has supervised 17 PhD students and 100 postgraduate engineering students in the discipline of Environmental Biotechnology.

He has been recognized as one of the top 2% global scientists, accredited by the Stanford University, USA. Dr Banu has been bestowed with the Hiyoshi Think of Ecology, a preternatural award conferred on ecological scientists by Japan in 2018. His research centers around waste to energy, value-added product recovery from waste, biological wastewater treatment, nutrient removal, membrane bioreactor, and microbial fuel cells. ●

**RESEARCH AREAS**  
Bioenergy, Microbial Fuel Cell, Bioplastics and Biorefinery

GOOGLE SCHOLAR

Citations 13.8K | H-Index 63 | i10 index 250

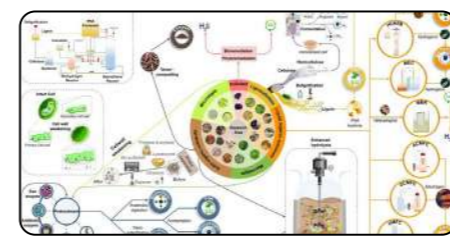
**RESEARCH** | SCOPUS | **12 PROJECTS WORTH RUPEES 3 CRORE**

Papers 378 | Citations 12.3K | H-Index 59

FACULTY HIGHLIGHTS

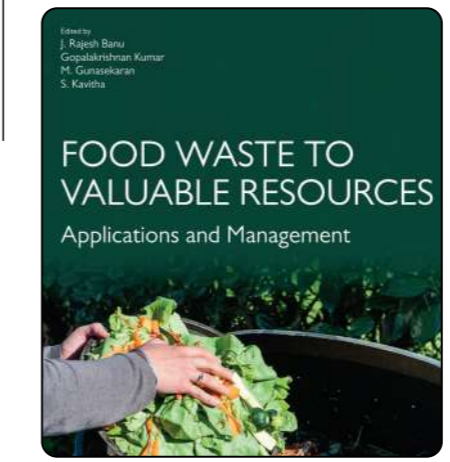
**1** Visiting Professor, CEES, King Abdul Aziz University, Saudi Arabia- 2021.

**2** Ranked among the world's top 2% scientists (2019-20; 2020-21; 2021-22; 2022-23).



**3** Published two textbooks and four edited books.

**FOOD WASTE TO VALUABLE RESOURCES**  
Applications and Management



**4** Senior Editor: E-Prime, an Elsevier journal 2021 to 2024 – Honorarium of \$1000/year.



**5** Owns six granted and three published patents.

**TOP PUBLICATIONS**

**A review on current advances in the energy and cost-effective pretreatments of algal biomass: enhancement in liquefaction and biofuel recovery.** *Bioresource Technology*, 2023;369: 128383.

**Surfactant addition on disperser disintegration of water hyacinth: a new insight to overcome the inhibitory effect of lignin on methanogenesis energy and economic aspects.** *Sustainable Energy and Fuels*, 2023;7: 502-14.

**Development of integrated biorefinery system for bio-conversion of lignocellulosic biomass to polyhydroxyalkanoates and biohydrogen.** *Sustainable Chemistry and Engineering*, 2023;11(12): 4606-22.

**RESEARCH**

TOTAL INDUSTRY EXPERIENCE IN YEARS **0** | TOTAL TEACHING AND RESEARCH EXPERIENCE IN YEARS **18** | BOOKS 06 | BOOK CHAPTERS 46 | JOURNAL ARTICLES 323



Associate Professor

HIGHEST DEGREE

Ph.D. in  
Biotechnology in 2010  
CSIR-Central Food  
Technological Research  
Institute

## DR. S. KATHIRESAN

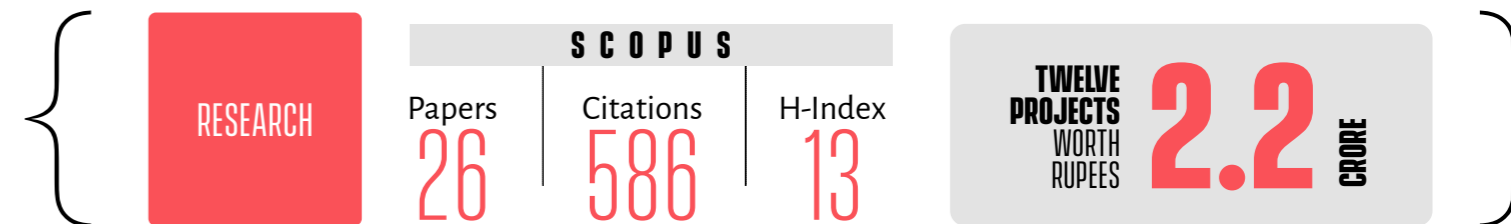
**D**r Shanmugam Kathiresan is an Associate Professor at the Department of Biotechnology, Central University of Tamil Nadu, Thiruvarur, India. Basically, he is an agricultural graduate who pursued his MSc (Agri) in Plant Pathology as an ICAR-JRF at the University of Agricultural Sciences (UAS-B), Bangalore. After clearing CSIR-JRF, he pursued his PhD programme in Biotechnology at the Central Food Technological Research Institute (CSIR-CFTRI), Mysore. He has over 15 years of teaching and research experiences across various state universities. He has undergone several major

research projects funded by UGC, DST, SERB, DBT and CSIR, Government of India, and has published his research findings in several peer-reviewed international journals besides several book chapters with leading international publishers. ●

**RESEARCH AREAS**  
Plant Genomics, Metabolic Regulation  
and Microalgal Biotechnology

GOOGLE SCHOLAR

Citations **761** | H-Index **12** | i10index **14**



FACULTY HIGHLIGHTS

- 1 Identified and characterized PUFA specific genes from marine microalgae and cloned the  $\Delta 5$ Des,  $\Delta 6$ Des and  $\Delta 6$ Elo genes and functionally characterized their expression in *E.coli*.
- 2 Genetically engineered *Arabidopsis thaliana* and oilseed plants, soybean and sesamum.
- 3 Evaluated PUFA-enriched microalgal biomass in an animal model, and demonstrated the supplementation of *Isochrysis* biomass to elevate eicosapentaenoic acid (EPA) and docosahexaenoic acid (DHA) in brain and other organs.
- 4 First to describe *Agrobacterium*-mediated genetic transformation in freshwater green microalga – *Haematococcus pluvialis*-regulated carotenoid biosynthesis for astaxanthin production.

TOP PUBLICATIONS

**Maternal supplementation of high-value PUFA-rich *Isochrysis* sp. biomass prevents monosodium glutamate-induced neurotoxicity in first-generation wistar rats.** *Neurochemistry International*, 2022; 154:105292.

**Extending omega 3/6 fatty acid pathway in *Arabidopsis thaliana* using microalgal gene  $\Delta 6$ Des for stearidonic acid and dihomo- $\gamma$ -linolenic acid production.** *South African Journal of Botany*, 2022; 151: 178-86.

**Iron and methyl jasmonate increase high-value PUFA production by elevating the expression of desaturase genes in marine microalga *Isochrysis* sp.** *Journal of Applied Microbiology*, 2022; 132(3):2042-53.

TOTAL INDUSTRY EXPERIENCE IN YEARS **0** | TOTAL TEACHING AND RESEARCH EXPERIENCE IN YEARS **14** | BOOKS **01** | BOOK CHAPTERS **06** | JOURNAL ARTICLES **31**



Assistant Professor

HIGHEST DEGREE

Ph.D. in Physiology in 2006  
Bharathiar University

## DR. JAYALAKSHMI KRISHNAN

Dr Jayalakshmi underwent her post-doctoral training at the Ajou University in South Korea from 2006 to 2008. She received her PhD degree from the DRDO, Delhi, between 2002 and 2006. She has served as a Research Assistant Professor at the Ajou University, South Korea from 2008 to 2009, and later at the SRM University, Chennai, in 2011.

She has worked as an Assistant Professor in the Department of Life Sciences, Central University of Tamil Nadu, from 2012 to 2022, and thereafter at the Department of Biotechnology, Central University of Tamil Nadu. She has served as the Head (in-charge) of the Department of Life Sciences from 2012 to 2016. During her tenure as the Coordinator of the Department of Epidemiology and Public Health, she has organized various scientific and outreach programmes on vector control, including the WHO Expert Meeting for Kala-Azar Elimina-

tion in 2016. She was the key organizer of the 13th International Conference on Vector Borne Diseases in 2017 that was held at Chennai, which hosted experts in vector borne diseases from across the world as resource persons and panel experts. She has vast expertise in organizing scientific workshops and various outreach activities at the university. Dr Krishnan has produced two PhD graduates in the field of entomological surveillance and insecticide resistance till date, and has supervised 19 master students in Medical Entomology. She has completed two projects for the ICMR and TIGS on vector surveillance at the Lakshadweep islands. Her teaching area includes Neurobiology, Vector Biology, and Vector Control and Management. ●

RESEARCH

RESEARCH AREAS  
Vector Biology, Public Health and Neuroimmunology

GOOGLE SCHOLAR

Citations 981 | H-Index 12 | i10index 13

RESEARCH

Papers 18

SCOPUS

Citations 47

H-Index 08

THREE PROJECTS WORTH RUPEES

65

LAKHS

### FACULTY HIGHLIGHTS

1

She has served as the Coordinator of the Department of Epidemiology and Public Health, and has contributed to the establishment and growth of the department for 4 years.

2

Dr. Jayalakshmi has served as the Girls Hostel Warden for eight years at the Central University of Tamil Nadu.

3

She has organised several department programmes and outreach activities for school students such as Know your brain and has created awareness among the elderly on old age memory conditions. She has also collaborated with the University Health Center and the Lions Club for general health check-ups and eye donation campaigns.

4

She has served as the anti ragging committee member. She has been the founding Head i/c of the Department of Life Sciences for 4 years.

5

She has co-ordinated Expert Consultation for KALA AZAR Elimination funded by the World Health Organization.

### TOP PUBLICATIONS

**Island biogeography and human practices drive ecological connectivity in mosquito species richness in Lakshadweep Archipelago.** *Scientific Reports*, 2022;12(1):8060.

**Monitoring of insecticide resistance and exploring the presence of virus in field populations of *Culex gelidus* at Thiruvavur District of Tamil Nadu, India.** *Journal of Communicable Diseases*, 2021;53(4):76-83.

**Preliminary study on underlying biochemical mechanism of insecticide resistance of *Aedes albopictus* in Thiruvavur District, Tamil Nadu, India.** *WHO Dengue Bulletin*, 2020;41(41):129-39.

TOTAL INDUSTRY EXPERIENCE IN YEARS 0

TOTAL TEACHING AND RESEARCH EXPERIENCE IN YEARS 16

BOOKS 03

BOOK CHAPTERS 01

JOURNAL ARTICLES 33



RESEARCH

Papers 79

Citations 1084

H-Index 18

SCOPUS

THREE PROJECTS WORTH RUPEES 58 LAKHS



Assistant Professor

HIGHEST DEGREE

Ph.D. in Hematology in 2008  
All India Institute of Medical Sciences New Delhi

## DR. MEGANATHAN KANNAN

Dr Meganathan Kannan's primary area of research is Blood and Vascular Biology. Kannan received his PhD from the All India Institute of Medical Sciences (AIIMS), New Delhi, and subsequently underwent postdoctoral research training in the USA for five years, before getting on-board the CUTN.

Kannan's research studies have been recognized by various national and international hematology agencies, which have earned him numerous awards notably the JC Patel Award for active research work in hematology in India by the Indian Society of Hematology and Transfusion Medicine and the Pier M Mannucci Young Investigator Award by the International Society on Thrombosis and Haemostasis, USA. Kannan has published more than 75 research papers in peer-reviewed national and international journals, besides 16 chapters in edited books. Some of his studies have featured as journals' cover

images, and have been selected as best research articles. Kannan's research has been supported by various funding agencies including UGC, ICMR, DBT and SERB. He has supervised two doctoral students. Kannan is also a recipient of the 'Visiting Assistant Professorship', supported by the International Society on Thrombosis and Haemostasis that offered him an opportunity to visit the Rockefeller University, New York, USA for the period of two months.

He is a Visiting Professor at the Loyola University Medical Center, Chicago, USA. He has also been a Visiting Professor at the University Medical Center Eppendorf, Hamburg, Germany. He is a member of various national and international academic societies. Kannan has been a resource person in distinguished scientific discourses on various occasions. ●

RESEARCH AREAS  
Blood and Vascular Biology

GOOGLE SCHOLAR

Citations 1.5K

H-Index 23

i10index 42

RESEARCH

### FACULTY HIGHLIGHTS

1

Published several high quality research articles in reputed national and international journals.



2

His research studies were featured on the journals' front cover page.

3

Recipient of Visiting Professorship to various international institutions across USA and Germany.



### TOP PUBLICATIONS

**Clinical characteristics and novel mutations of omicron subvariant XBB in Tamil Nadu, India - A cohort study.**  
*Lancet Regional Health - South-east Asia*, 2023; 13: 100272.

**Depolarized mitochondrial membrane potential and elevated calcium in platelets of sickle cell disease.**  
*Indian Journal of Hematology and Blood Transfusion*, 2023;39(4):565-71.

**Plasma CXCL8 and MCP-1 as surrogate plasma biomarkers of latent tuberculosis infection among household contacts-A cross-sectional study.**  
*PLOS Global Public Health*, 2023;3(11):e0002327.

**Association of VEGF and p53 polymorphisms and spiral artery remodeling in recurrent pregnancy loss: A systematic review and meta-analysis.**  
*Thrombosis and Haemostasis*, 2022;122: 363-76.



Assistant Professor

HIGHEST DEGREE

Ph.D. in Genomics and Bioinformatics in 2009  
Birla Institute of Technology and Science Pilani

## DR. INDRANIL CHATTOPADHYAY

**D**r Indranil is a cancer biologist by profession who underwent his post-doctoral training at the Roswell Park Cancer Institute, Buffalo, New York, USA, from 2010 to 2013 in cancer genomics. He obtained his Masters degree in Zoology from the Visva Bharati University, West Bengal, and his doctoral research was on cancer genetics at the Birla Institute of Technology and Science, Pilani, India.

He joined the Central University of Tamil Nadu in 2013, and expanded his expertise thereafter across related specializations such as environmental and industrial metagenomics besides host metagenomics.

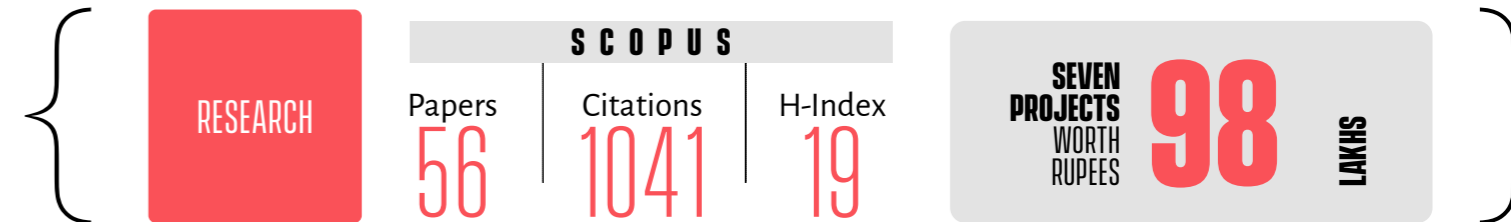
During his 16 years of research stint, he has been involved in over six research and consultancy projects in various capacities, both as principal investigator, and co-principal inves-

tigator. His special interest is to sleuth around the development of non-invasive biomarkers for potential diagnosis of cancer. His future plans are to continue with the development of non-invasive biomarkers detection, explore into the realms of microbial diversity, biofilm formation, anti-microbial resistance and strain profile in polluted environment with a view to bring about changes in health policies that likely would reduce global disease burden. ●

RESEARCH AREAS  
Metagenomics and Bioinformatics

GOOGLE SCHOLAR

Citations 1.4K | H-Index 21 | i10index 31



### FACULTY HIGHLIGHTS

- 1 DBT Visiting Research Fellowship 2017-18 at North-East.
- 2 Experience in advanced genomic technology & bioinformatics.
- 3 INSA Visiting Scientist Fellowship 2017-18.

### TOP PUBLICATIONS

**Impact of environment on transmission of antibiotic-resistant superbugs in humans and strategies to lower dissemination of antibiotic resistance.** *Folia Microbiologica*, 2023;68:657-75.

**Application of antimicrobial peptides as next-generation therapeutics in the biomedical world.** *Biotechnology and Genetic Engineering Reviews*, 2023;1-39.

**Can metagenomics unravel the impact of oral bacteriome in human diseases?** *Biotechnology and Genetic Engineering Reviews*, 2022;1-33.

**Exploring the role of microbial biofilm for industrial effluents treatment.** *Bioengineered*, 2022;13(3):6420-40.



RESEARCH

SCOPUS  
Papers 21 Citations 567 H-Index 12

FOUR PROJECTS WORTH RUPEES 1.5 CRORE



Assistant Professor

HIGHEST DEGREE

Ph.D. in Plant Molecular Stress Physiology in 2009 University of Hyderabad

## DR. DINAKAR CHALLABATHULA

Dr Dinakar received his PhD from the University of Hyderabad, India in the field of Molecular Plant Physiology. He was a post-doctoral fellow at the Institute for Molecular Physiology and Biotechnology of Plants, University of Bonn, Germany. His research focus is on molecular physiology of drought/salinity stress responses and plant-microbe interactions.

He is currently a reviewer for international national funding agencies and for international peer-reviewed journals including the Frontiers in Plant Science, Planta, Journal of Plant Physiology and Gene. He was a visiting scientist at Institute of Molecular Physiology and Biotechnology of Plants, University of Bonn, Germany under the INSA-DFG Bilateral Exchange Pro-

gramme and IPID4all (International promovieren in Deutschland – für alle) DAAD funding programmes. He was also a visiting scientist at the Swedish University of Agricultural Sciences, Uppsala, Sweden. ●

### FACULTY HIGHLIGHTS

1

Visiting Scientist, Department of Plant Biology, Swedish University of Agricultural Sciences, May 2018.



2 IPID4all (International promovieren in Deutschland – für alle) DAAD funding for travel to Germany 2017.

3



INSA Bilateral Exchange Programme: Visiting Scientist, University of Bonn, 8th May to 5th August 2017.



4 Outstanding Publication Award 2016- Central University of Tamil Nadu (CUTN) - India Visiting Scientist, University of Bonn, Germany 2015.

### TOP PUBLICATIONS

Differential modulation of photosynthesis, ROS and antioxidant enzyme activities in stress-sensitive and -tolerant rice cultivars during salinity and drought upon restriction of COX and AOX pathways of mitochondrial oxidative electron transport. *Journal of Plant Physiology*, 2022;268:153583.

Molecular insights into plant desiccation tolerance: transcriptomics, proteomics and targeted metabolite profiling in *Craterostigma plantagineum*. *Plant Journal*, 2021;107:377-98.

Single molecule sequencing of the desiccation tolerant grass *Oropetium thomaeum*. *Nature*, 2015;527:508-11.

RESEARCH

RESEARCH AREAS  
Plant Molecular Stress Physiology and Plant Growth Promoting Rhizobacteria

### GOOGLE SCHOLAR

Citations 1.9K H-Index 20 i10index 23

TOTAL INDUSTRY EXPERIENCE IN YEARS 0 | TOTAL TEACHING AND RESEARCH EXPERIENCE IN YEARS 14 | BOOKS 0 | BOOK CHAPTERS 05 | JOURNAL ARTICLES 28



Assistant Professor

HIGHEST DEGREE

Ph.D. in Molecular Toxicology in 2002 Pondicherry University

## DR. LATCHOUMYCANDANE CALIVARATHAN

Dr Latchoumycandane Calivarathan is a distinguished researcher with an academic background primarily in neurobiology, pharmacology, and toxicology. He received a PhD in Life Sciences, specializing in Molecular Toxicology from the Pondicherry University, India. Dr Calivarathan has significantly advanced the frontiers of knowledge across diverse facets of life sciences.

His professional journey encompasses tenures at prestigious educational institutions in India, Singapore, and the United States, notably the Central University of Tamil Nadu, the renowned National University of Singapore, and the Cleveland Clinic in the US. He has been actively involved in pivotal pre-clinical and clinical investigations, securing substantial research funding from diverse funding agencies like SERB, UGC, and ICMR. He has an impressive publication record, with 41 research papers in

international peer-reviewed journals featuring a Scopus h-index 29. Beyond his prolific research contributions, Dr Calivarathan has authored publications encompassing books and book chapters. He contributed to CUTN's efforts to catalogue the Flora and Fauna indigenous to the university campus in two volumes. He has actively presented his findings at numerous national and international conferences both in India and overseas.

Dr Calivarathan's unwavering commitment to his field and extensive scholarly contributions have firmly established him as a prominent scientist in life sciences. ●

RESEARCH

Papers

43

SCOPUS Citations

2292

H-Index

27

THREE PROJECTS WORTH RUPEES

1

CRORE

### FACULTY HIGHLIGHTS

1

Certified Toxicologist by the American Board of Toxicology, USA.

2

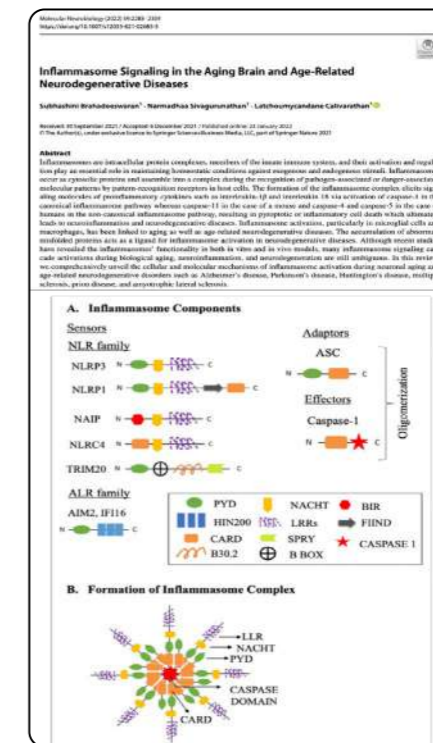
Recipient of the EMBO-DBT Travel Award 2020, Laboratory Leadership Course, Hyderabad.

3

Recipient of the Society of Toxicology / IUTOX/ AstraZeneca Travel Award (U.S. \$2000), USA (2007).

4

Invited Speaker in NIAAA/ National Institutes of Health, USA (Research Society on Alcoholism, June 2014).



### TOP PUBLICATIONS

**Inflammasome signaling in the aging brain and age-related neurodegenerative diseases.** *Molecular Neurobiology*, 2022;4:2288-304.

**Myeloperoxidase formation of PAF receptor ligands induces PAF receptor-dependent kidney injury during ethanol consumption.** *Free Radical Biology and Medicine*, 2015; 86: 179-90.

**Chronic ethanol ingestion induces oxidative kidney injury through taurine-inhibitable inflammation.** *Free Radical Biology and Medicine*, 2014;69: 403-16.

RESEARCH

**RESEARCH AREAS**  
Neurobiology and Molecular Toxicology

GOOGLE SCHOLAR

Citations

3.3K

H-Index

29

i10index

35

TOTAL INDUSTRY EXPERIENCE IN YEARS

0

TOTAL TEACHING AND RESEARCH EXPERIENCE IN YEARS

20

BOOKS

0

BOOK CHAPTERS

06

JOURNAL ARTICLES

42



Assistant Professor

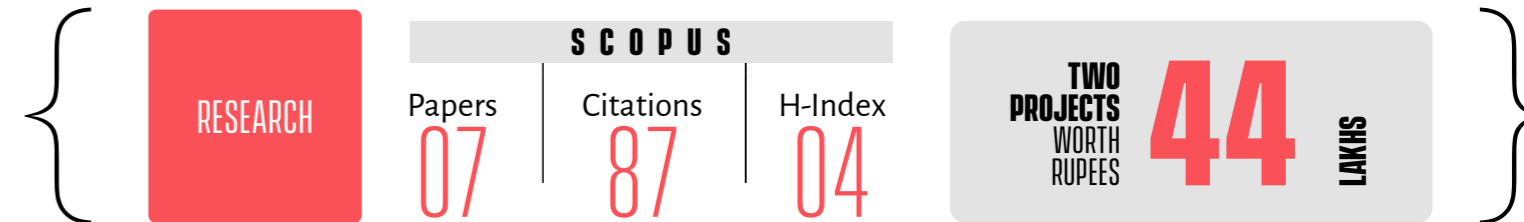
HIGHEST DEGREE

Ph.D. in Cancer Biology in 2021 Osmania University

## DR. POORNACHANDAR GUGULOTHU

**D**r Poornachandar Gugulothu received his PhD from the Osmania University, Hyderabad, Telangana, India. He has worked as an Assistant Professor at the Srinivasa Pharmaceutical Institute and Center for Research, Vikarabad, Telangana, India between 2010 and 2015. He has cleared CSIR and UGC SET examinations and has an overall eight years

of teaching and research experiences. He is an active member of many scientific societies and organisations. He is serving as a reviewer in many scientific journals. He has delivered several scientific talks at various national and international conferences. His area of specialization includes cancer biology, animal biotechnology, and endocrinology. ●



### FACULTY HIGHLIGHTS

1

Research interests include natural biometabolites and their applications, drug combination studies in cancer therapy, and pathway studies in cancer biology.

2

His present research is focused on exploration of combination drug delivery system to target cancer cells.

3

Vast expertise in cancer biology, animal biotechnology, endocrinology, phytochemistry, algal biology and drug delivery systems.



### TOP PUBLICATIONS

**Amelioration of biogas production from waste-activated sludge through surfactant-coupled mechanical disintegration fermentation.** *Fermentation*, 2023;9(1):57.

**Renewable biofuels from microalgae: technical advances, limitations and economics.** *Environmental Technology Reviews*, 2023; 12(1): 18-36.

**Bioactive compound from microalgae and their anti-cancer properties.** *Biomedical Journal of Scientific and Technical Research*, 2022;42(4):33928-31.

**Genetic engineering of microalgae for secondary metabolite production: Recent developments, challenges, and future prospects.** *Frontiers in Bioengineering and Biotechnology*, 2022;10:836056.



**RESEARCH AREAS**  
Cancer Biology, Fermentation Technology and Phytochemistry

### GOOGLE SCHOLAR



**SCHOOL OF  
LEGAL STUDIES**



**Dr. Balashanmugam S. K.**  
Assistant Professor & Head (I/c)



**Dr. Sangeetha Sriraam**  
Assistant Professor



**Dr. Bhagyalakshmi R. Rao**  
Assistant Professor

▶

**DEPARTMENT  
OF LAW**



Assistant Professor

HIGHEST DEGREE

Ph.D. in Law in 2017  
Rajiv Gandhi School of Intellectual Property Law, Indian Institute of Technology, Kharagpur

## DR. BALASHANMUGAM S. K.

Dr Balashanmugam is an Assistant Professor of Law and Head i/c at the Department of Law, School of Legal Studies, Central University of Tamil Nadu, Tiruvarur. His broad area of research includes corporate laws, banking laws and financial institutions, international trade laws, environmental law, biotechnology laws, food laws, and biodiversity laws. Following the successful completion of his doctoral programme from the prestigious Rajiv Gandhi School of Intellectual Property Law, Indian Institute of Technology Kharagpur, West Bengal,

India, he involved himself in various research activities. He has a good number of publications in various international journals. He has also participated in several international and national conferences on international trade laws, international environmental law, biotechnology law, and public laws. ●

FACULTY HIGHLIGHTS

1

Faculty Coordinator – Climate Change Conference

2 As a Coordinator, organised *Climate Change Conference* under the UGC's Scheme for Transdisciplinary Research for India's Developing Economy (STRIDE) in association with the Centre for Climate Change Studies at the Central University of Tamil Nadu between 20 and 21 July 2022.



3 As a Faculty Coordinator, organized a *Two Day Advanced Regional Workshop on Biological Diversity Laws and Access and Benefit Sharing* in association with United Nations Development Program – Global Environmental Facility and National Law School of India University, Bengaluru at TNN-LU campus between 11th and 12th of May 2019.

TOP PUBLICATIONS

**Development of liability framework for genetically modified (Gm) food: Problems and perspectives under international law and Indian law**, *International Journal of Private Law*, 2010; 9(4): 201-230.

**International trade and GM crops: A comparative analysis of safety regulations and their institutional framework in south Asian countries**, *Bio-Science Law Review*, 2018; 16(5): 231-241.

**Safety assessment and liability regulations in the context of genetically modified food in the Brics Countries**, *Brics Law Journal*, 2018; 5(1): 27-55.

**South Asian perspective on institutional mechanism for introduction and import of GM crops**, *Biotechnology Law Report*, 2016; 35(2): 73-79.



Assistant Professor

HIGHEST DEGREE

Ph.D. in Public International Law in 2018 National Law School of India University

## DR. SANGEETHA SRIRAAM

**D**r Sangeetha Sriraam is an Assistant Professor at the Department of Law, Central University of Tamil Nadu, Thiruvavur. She is one of the founding faculties of the Legal Department of the University. She was the university gold medalist at the under-graduation level and possessed a Master's in Human Rights Law. She is among the youngest scholars to gain a doctorate from the National Law School of India University in 2018 for her research on the Right to Self-Determination and its relationship with the Prohibition on the Use of Force. She has

several publications to her credit. She specialises in Public International Law, Constitutional Law, and Human Rights Law, and her research interests include Gender Justice, Reproductive Rights, Personal Autonomy, and Organ and Tissue Donation, amongst others. ●

**RESEARCH AREAS**  
Human Rights, Public International Law, Bioethics, Gender Justice, Health Law, Sustainability Law, IBC, IHL and Constitutional Law

GOOGLE SCHOLAR

Citations 02 | H-Index 01 | i10index 0

**RESEARCH**  
Papers 02 | Citations 05 | H-Index 01

FACULTY HIGHLIGHTS

**1**  
Convenor of Lecture Series on competition laws in collaboration with the Competition Commission of India.



**3**  
Published a book on *A Comprehensive Guide on Gender-Related Laws in India* to create awareness about gender-based laws in India. The book is available for free circulation on the CUTN website.

**2**  
Drafted the Gender Policy of CUTN in the capacity of Chairperson, Internal Gender Audit Committee.



TOP PUBLICATIONS

**Revitalizing adoption laws.**  
*Indian Law Review*, 2022; 6(1): 110-126.

**The portrayal of queers in Tamil cinema: Questioning the role of Central Board of Film Certification.** *Quarterly Review of Film and Video*. 2022.

**Let there be light: but not too much: The need to legally address light pollution in India.** *Indian Journal of Environmental Protection*. 2023; 43(3): 257-262.

**Restorative justice and the indian legal system: Developments and challenges.** *Internet Journal of Restorative Justice*, 2023.

**A Comprehensive Guide on Gender-Related Laws in India.** Publication Cell, Central University of Tamil Nadu, 2023.

**RESEARCH**

TOTAL INDUSTRY EXPERIENCE IN YEARS 0 | TOTAL TEACHING AND RESEARCH EXPERIENCE IN YEARS 04 | BOOKS 01 | BOOK CHAPTERS 05 | JOURNAL ARTICLES 05





Assistant Professor

HIGHEST DEGREE

LLM. in Corporate and Commercial Laws in 2016 NALSAR University of Law

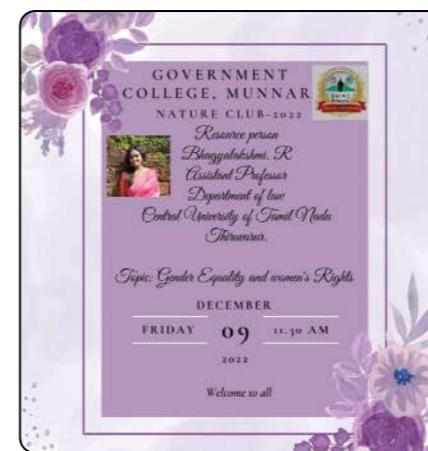
## Ms. BHAGYALAKSHMI R.

**M**s Bhagyalakshmi is currently an Assistant Professor at the Department of Law, Central University of Tamil Nadu, and is a Research Scholar at the National Law School of India University, Bengaluru, India. She has been a recipient of Junior Research Fellowship of the University Grants Commission, India. She has completed her BAL LLB from the Mahatma Gandhi University, Kerala with third rank and LLM from NALSAR University of Law, Hyderabad with second rank. She holds teaching experience from Christ University, Bengaluru and the Sree Narayana

College of Law, Kerala. She also had undertaken teaching assistantship at the NALSAR University of Law, Hyderabad. Her research interest includes corporate and commercial laws, regulatory theory, infrastructure and energy laws, international law, intersection of law and development. ●

FACULTY HIGHLIGHTS

1



Resource Person- Invited Lecture at Government College, Munnar (December, 2022).

2



International Visit and Presentation- International Conference organised by Singapore Management University (August, 2023) and Asian Society of International Law Nepal Charter (July, 2022).



TOP PUBLICATIONS

**Indigenous people participation in investment negotiation: A case for mitigating rising ITA claims in resource extraction**, *Kerala Law Times*, 2020; 5: 1-10.

**Neoliberal economic reforms and concept of state: A study highlighting the need for mapping the legal contours of public private partnership in infrastructure development**. *Conference Proceedings of International Interdisciplinary Seminar on State, Civil Society and Human Rights: Neo Liberal Reflections*. Department of Law, CUK, 2020; ISBN No. 978-93-5396-695-9.

**Changing contours of competition: An analysis of market regime in infrastructure projects by PPP**. In: Sairam Bhat (ed.), *Public private partnership in India-A sectoral analysis*, NLSIU Book Series-5, 2019, ISBN 978-93-83363-72-8.

SCHOOL OF  
LIFE SCIENCES



# DEPARTMENT OF EPIDEMIOLOGY AND PUBLIC HEALTH



**Prof. Natarajan Gopalan**  
Professor and Head



**Dr. Lekha D. Bhat**  
Assistant Professor



**Dr. Sujit Kumar Behera**  
Assistant Professor



**Dr. Neena Elezabeth Philip**  
Assistant Professor



Professor

HIGHEST DEGREE

Ph.D. in Medical Entomology in 1995  
Jiwaji University

## PROF. NATARAJAN GOPALAN

Prof Natarajan Gopalan is serving as the Head of the Department of Epidemiology and Public Health at the Central University of Tamil Nadu. He aims to educate people against cancer, vector borne diseases, as well as food and water borne diseases. He has served as a Scientist at the DRDO on various capacities with over 37 years of experience in research and development in multidisciplinary fields. In addition, he had nearly two decades of subject expertise in technology and business development due to his active involvement in planning and technical co-ordination, project management, product development, human resources development and scientific administration.

He considers himself as a committed team-builder, leader and a team player who enjoys taking up challenges and responsibilities. He adds worthwhile contribution to institutional growth with his vast technical and

administrative expertise. He has contributed to research and development of food products and technologies to provide food security and safety to the armed forces by delivering solutions for evolving field feeding challenges. He has contributed to the development of a first-aid kit for the armed forces, and has obtained licenses for tablets and formulations. Gopalan has obtained a GMP certificate from the FDA for scale-up facility towards drug-filling for the bioprocessing scale-up facility at the DRDE, Gwalior, and has obtained certifications for QA and QC pollution-free certificate from the Madhya Pradesh Pollution Board. He has over 125 publications and 19 patents to his credit, and is a Guest Editor for the Defence Life Sciences Journal and Technology Focus of the DRDO.

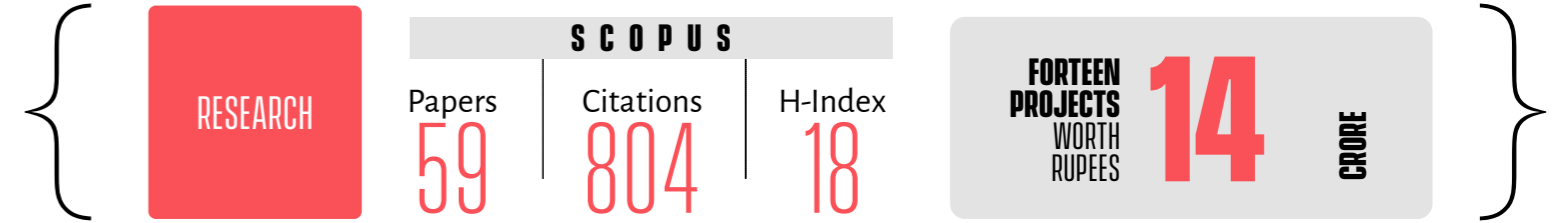
He is a member of many scientific bodies as well as a Member of the Task Force DRDO Committee for the CYBORG Programme. ●

RESEARCH AREAS

Cancer biology, Molecular Biology, Diseases Management, Epidemiology, Food Technology and Public Health

GOOGLE SCHOLAR

Citations 2.3K | H-Index 27 | i10 index 45



FACULTY HIGHLIGHTS

- 1 Worked in DRDO for 37 years in various capacities of research activities in areas such as entomology, biotechnology, herbal plant products and cancer biology.
- 2 Contributed to the development of a first-aid kit for the Armed Forces, and has obtained licenses for tablets and formulations.
- 3 He has obtained a GMP certificate from the FDA for scale-up facility towards drug-filling for the bioprocessing scale-up facility at the DRDE, Gwalior, and has obtained certifications for QA and QC pollution-free certificate from the Madhya Pradesh Pollution Board.

TOP PUBLICATIONS

**Clinical characteristics and novel mutations of omicron subvariant XBB in Tamil Nadu, India - A cohort study.** *Lancet Regional Health - Southeast Asia*, 2023; 13: 100272.

**Plasma CXCL8 and MCP-1 as surrogate plasma biomarkers of latent tuberculosis infection among household contacts-A cross-sectional study.** *PLOS Global Public Health*, 2023;3(11):e0002327.

**Development of magnetic nanoparticle assisted aptamer-quantum dot based biosensor for the detection of Escherichia coli in water samples.** *Science of the Total Environment*, 2022;831, 154857-67.

**Socio-economic and household determinants of malaria in adults aged 45 and above: analysis of longitudinal ageing survey in India, 2017-2018.** *Malaria Journal*, 2021;30:306.





Assistant Professor

HIGHEST DEGREE

Ph.D. in Social Sciences (Health) in 2014  
Jawaharlal Nehru University

## DR. LEKHA D. BHAT

**D**r Lekha Bhat is working with the Department of Epidemiology and Public Health, Central University of Tamil Nadu. She has undergone a basic training in Public Health with an MPhil and a PhD in Social Medicine and Community Health from the prestigious Jawaharlal Nehru University (JNU) New Delhi.

Her background in public health has created a keen interest in developing a social epidemiological/social determinants approach in public health. Before getting on board the Central

University of Tamil Nadu, Lekha Bhat has been working as an Assistant Professor at the Mizoram University for four years. ●

RESEARCH AREAS

Gender and Health, Occupational Health and Social Epidemiology

GOOGLE SCHOLAR

Citations 246 | H-Index 07 | i10 index 06

RESEARCH

Papers 17 | Citations 66 | H-Index 06

SCOPUS

FOUR PROJECTS WORTH RUPEES 35 LAKHS

FACULTY HIGHLIGHTS

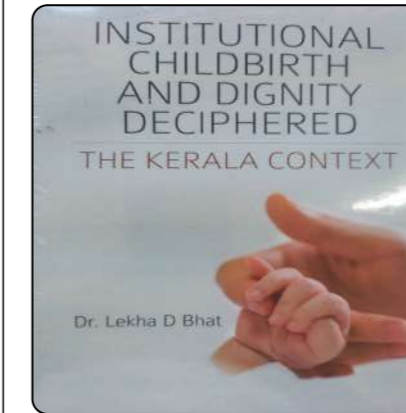
1

Lekha Bhat's research areas are informal sector and health, adolescent health, social epidemiological approach in public health, and qualitative methods.

2

Published articles in reputed journals in Elsevier, Springer Nature, SAGE, Taylor and Francis, Wiley, and MDPI Publishers. She has authored books and edited books with reputed publishers.

3



Actively involved in research, and owns projects funded by NHRC, ICSSR, ICMR, and the National Commission for Women.

4



Regular Panel Expert for the Rajya Sabha TV and BBC World News to discuss on public health-related issues in the Indian context.

5

Serves as the Associate NCC Officer of CUTN.

TOP PUBLICATIONS

**The need for mental health promotion among pregnant women: A narrative review to strengthen the agenda.** *Women's Reproductive Health*, 2023;2202652.

**Prevalence and associated factors of cardiovascular diseases among men and women aged 45 years and above: Analysis of the longitudinal ageing study in India, 2017-2019.** *Indian Heart Journal*, 2023;75(1):31-5.

**Prevalence and associated factors of stroke among older adults in India: Analysis of the longitudinal ageing study in India-wave 1 2017-18.** *Indian Journal of Public Health*, 2022; 66(2):128-35.

RESEARCH

TOTAL INDUSTRY EXPERIENCE IN YEARS 0 | TOTAL TEACHING AND RESEARCH EXPERIENCE IN YEARS 10 | BOOKS 02 | BOOK CHAPTERS 15 | JOURNAL ARTICLES 25



Assistant Professor

HIGHEST DEGREE

Ph.D. in Veterinary Public Health in 2016 Indian Veterinary Research Institute

## DR. SUJIT KUMAR BEHERA

Dr Sujit Kumar Behera is an Assistant Professor in the Department of Epidemiology and Public Health at Central University of Tamil Nadu. Sujit did his MVSc and PhD from Veterinary Public Health and Epidemiology, Indian Veterinary Research Institute (IVRI), an institute of national importance. Dr Behera was the recipient of Merit Scholarship of IVRI, KVAFSU.

He has published more than 20 research articles in national and international peer reviewed journals. Dr Behera is a qualified veterinary public health specialist, and his research interests are zoonotic diseases and

development of novel diagnostics for diseases of public health importance, more specifically leptospirosis and rickettsial diseases. ●

RESEARCH

SCOPUS  
Papers 25 Citations 158 H-Index 06

THREE PROJECTS WORTH RUPEES 1.2 CRORE

### FACULTY HIGHLIGHTS

1

Recipient of Best Poster Award from Indian Association of Veterinary Microbiologists and Immunologists on leptospirosis diagnostics and epidemiology in pigs.

2

Recipient of Best Paper Award from *Krishi Sanskriti* on leptospirosis epidemiology in goats.



### TOP PUBLICATIONS

**Isothermal amplification technology (IAT) for rapid diagnosis of rickettsioses: Scope, overview, existing evidence and the way forward.** *Diagnostic Microbiology and Infectious Diseases*, 2023;116046.

**Socio-economic and household determinants of malaria in adults aged 45 and above: analysis of longitudinal ageing survey in India, 2017–2018.** *Malaria Journal*, 2021; 20:1-9.

**Immunoinformatic study of recombinant LigA/BCon1-5 antigen and evaluation of its diagnostic potential in primary and secondary binding tests for serodiagnosis of porcine leptospirosis.** *Pathogens*, 2021; 10(9):1082.

RESEARCH AREAS  
Diagnostics, One Health

GOOGLE SCHOLAR

Citations 259 H-Index 08 i10 index 06

RESEARCH

TOTAL INDUSTRY EXPERIENCE IN YEARS

00

TOTAL TEACHING AND RESEARCH EXPERIENCE IN YEARS

07

BOOKS

00

BOOK CHAPTERS

02

JOURNAL ARTICLES

23

RESEARCH

Papers 04 | Citations 70 | H-Index 02

SCOPUS

ONE PROJECTS WORTH RUPEES 7.6 LAKH



Assistant Professor

HIGHEST DEGREE

Ph.D. in Public Health in 2018  
Sree Chitra Tirunal Institute of Medical Sciences and Technology

## DR. NEENA ELEZEBETH PHILIP

Dr Neena Elezabeth Philip is an Assistant Professor in the Department of Epidemiology and Public Health, at the Central University of Tamil Nadu. She is a research fellow with the WHO-South East Asia Regional Office (SEARO) and holds a PhD from the Achutha Menon Centre for Health Sciences Studies at the Sree Chitra Tirunal Institute for Medical Sciences and Technology.

She is an MPH graduate from the same institute who completed her MPH internship with the DAAD (German Academic Exchange Service) Scholarship at the Bielefeld University, Germany. She was an INSPIRE Fellow under the Department of Science and Technology in India. She has published two book chapters and seven

research publications in international peer-reviewed journals. Neena was part of two international projects with training conferred by the National Institutes of Health, USA, and has worked as a temporary consultant for the Department of Reproductive Health and Research at the World Health Organization (WHO). ●

### FACULTY HIGHLIGHTS

1  
Research interests are Health-care Economics, Health Systems and Health Policy.



3  
Recipient of a Research Fellowship on strengthening Gender Equity and Intersectionality in Health Policy and System Research WHO-SEARO with a USD 12,500. She was also selected for the Advanced Course on Health Financing for UHC, 1st Facilitated Online Course by the WHO in 2021.



**Towards Universal Health Coverage? Taking Stock of Two Decades of Health Reforms in India**  
India's Economy and Society pp 253-285 | Cite as  
• T. K. Sundari Ravindran (1) (2)  
• Neena Elezabeth Philip (3)  
1. United Nations University—International Institute for Global Health (UNU-IIGH), Kuala Lumpur, Malaysia  
2. Sree Chitra Tirunal Institute for Medical Sciences and Technology, Thiruvananthapuram, India  
3. Department of Epidemiology and Public Health, Central University of Tamil Nadu, Nilakkudi, India  
Chapter  
First Online: 10 July 2021  
• 92 Downloads  
Part of the *India Studies in Business and Economics* book series (ISBE)  
**Abstract**  
As part of the 2030 Agenda for Sustainable Development, all countries, including India, have committed to trying to achieve universal health coverage (UHC) by 2030. There are three dimensions to UHC: population coverage, services coverage, and financial risk protection. The goal is to make available to 100% of the population a broad-enough range of essential health services that cover 100% of their healthcare needs and ensure that 100% of the population can receive these services without incurring health expenditure that is more than 10% of the monthly household expenditure. While UHC is a desirable goal, it poses significant challenges for low- and middle-income countries on many fronts. Over the past two decades, India has implemented a wide range of reforms in the health sector ostensibly towards making healthcare services accessible to all. This paper discusses major health financing reforms and private sector engagement in health in India from the perspective of their contribution to UHC. Based on the existing evidence, the paper argues that recent health reforms in India have made limited contributions to access with financial risk protection for socially and economically marginalised groups. Inequalities in coverage by health services have been accentuated and the less privileged bear a disproportionate burden of catastrophic health expenditures. Drawing on the

### TOP PUBLICATIONS

Prevalence and factors associated with incomplete immunisation among children aged 12 to 35 months in Eswatini: Analysis of the Eswatini multiple indicator cluster survey. *Pan African Medical Journal*, 2023;45:51.

Prevalence and associated factors of cardiovascular diseases among men and women aged 45 years and above: Analysis of the longitudinal ageing study in India, 2017-2019. *Indian Heart Journal*, 2023;75(1):31-5.

Towards universal health coverage? Taking stock of two decades of health reforms in India. In: *Mani S., Iyer C.G. (Eds) India's Economy and Society*. India Studies in Business and Economics. Springer, Singapore. pp. 253-85.

RESEARCH AREAS  
Health Economics, Healthcare System and Policy, Gender and Health

### GOOGLE SCHOLAR

Citations 139 | H-Index 04 | i10index 02

RESEARCH

**SCHOOL OF  
LIFE SCIENCES**



# DEPARTMENT OF HORTICULTURE



**Dr. A. Ramesh Kumar**  
Associate Professor & Head



**Prof. S. Manivannan**  
Professor



**Dr. K. Rama Krishna**  
Assistant Professor



**Dr. Senthilkumar S**  
Assistant Professor



**Dr. Srivignesh S**  
Assistant Professor



**Dr. Moumita Malakar**  
Assistant Professor



Professor

HIGHEST DEGREE

Ph.D. in Horticulture in 2002  
Indian Agricultural Research Institute

## PROF. S. MANIVANNAN

Prof Manivannan has 21 years of experience in teaching, research, and extension in plant sciences, including indigenous, wild edible, and orphan crops. His research focuses on the use of plant omics and artificial intelligence (AI) in managing biotic and abiotic stresses, urban horticulture, hydroponics, vertical farming, plant nutrition, and organic horticulture. In addition, his team works on commercial product preparations from crops. He is a graduate of the Tamil Nadu Agricultural University, and the IARI, who began his career as an Assistant Professor at the Central Agricultural University, Arunachal Pradesh.

He established citrus rootstock and bud wood bank with a certification laboratory to test all viral diseases and introduced oil palm in the northeast. Later, he joined the Sikkim University as an Associate Professor where he headed the Department of Horticulture. Prof Manivannan introduced PG and PhD (Horticulture)

at the Sikkim University, and served as the Dean of Students Welfare for three years, and as Chairman of the Working Committee on Admission from 2016-18.

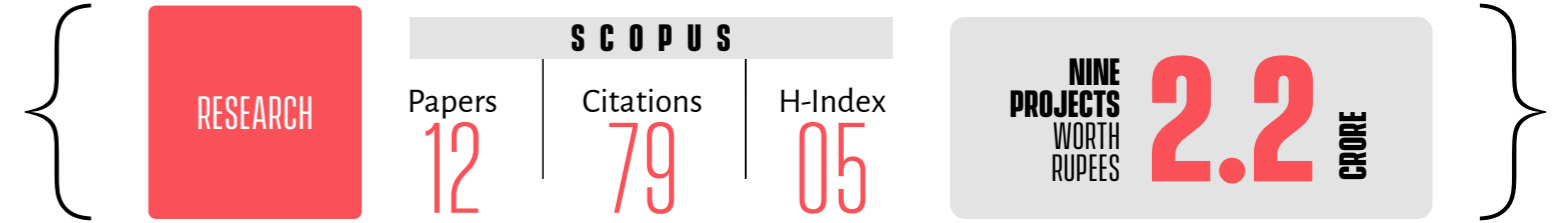
He established a plant nutrition and ionomics laboratory, which played an important role in the Sikkim Organic Mission. Presently, he is a Professor of Horticulture at the Central University of Tamil Nadu. He has supervised 31 MSc and four PhD students till date. He is the recipient of ICAR-JRF, ICAR-SRF, and the Inspired Teacher Award. He has handled several major projects including an international project in association with CABI, UK. Prof Manivannan has published many research articles, reviews, book chapters, and authored books.

He has organized an international symposium, a national seminar, a refresher course, Kisan Melas, workshops, and several training and extension programmes for farmers.

RESEARCH AREAS  
Ionomics and Metabolomics for Crop Conservation and Improvement

GOOGLE SCHOLAR

Citations 177 | H-Index 07 | i10index 04



### FACULTY HIGHLIGHTS

1

Over two decades of experience in teaching, and is a recipient of the *Inspired Teacher Award*. Supervised 31 MSc and four PhD students, developed curricula for PG and PhD in Horticulture, introduced PG and PhD in Horticulture at Sikkim University and PhD, and Certificate Courses at the CUTN.

Expert in plant ionomics, budwood certification, hydroponics, vertical farming, and organic horticulture and recently into integrating plant omics and AI for crop improvement.

3



Served as the Student Welfare Officer for seven years at the Central Agricultural University and Dean of Student Welfare at Sikkim University. Formerly, Head (Horticulture) at Sikkim University and CUTN. Presently serving as Nodal Officer, Skill Hub Initiative under PMKVY 4.0

4

Authored several technical bulletins, compendiums and practical manuals. His research work serves as the basis for securing a GI tag to *Panruti* Jack.

5

Organized an international symposium, a national seminar, a 21 days refresher course, and several *kisan melas* and workshops.

### TOP PUBLICATIONS

**Value addition and product diversification of mango ginger (*Curcuma amada*).** *Journal of Postharvest Technology*, 2023;11(1):66-76.

**Ionome signatures discriminate the geographical origin of jackfruits (*Artocarpus heterophyllus* Lam.).** *Food Chemistry*, 2021;127896.

**In silico analysis of phytochemicals as potential inhibitors of proteases involved in SARS-CoV-2 infection.** *Journal of Biomolecular Structure and Dynamics*, 2020.

**Targeted metabolic profiling of black turmeric (*Curcuma caesia* Roxb.).** *Research Journal of Biotechnology*, 2019;14(9):24-8.

TOTAL INDUSTRY EXPERIENCE IN YEARS 0 | TOTAL TEACHING AND RESEARCH EXPERIENCE IN YEARS 21 | BOOKS 02 | BOOK CHAPTERS 10 | JOURNAL ARTICLES 34





Associate Professor

HIGHEST DEGREE

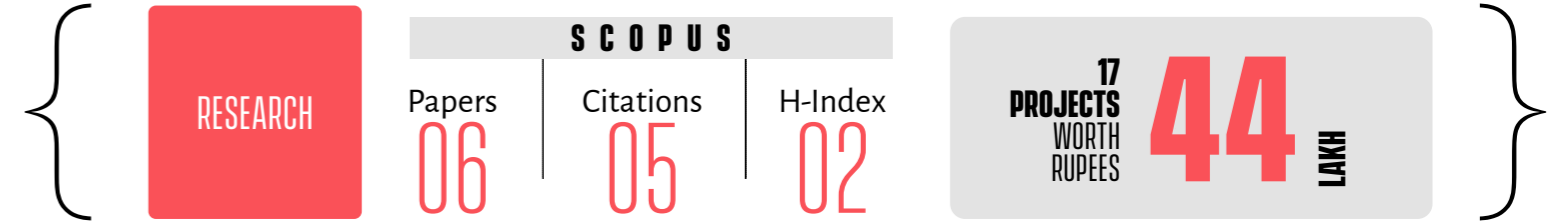
Ph.D. in Horticulture in 2005  
Tamil Nadu Agricultural University

## DR. A. RAMESH KUMAR

**D**r Ramesh Kumar works as an Associate Professor of Horticulture at the Central University of Tamil Nadu, Thiruvavur. He specializes in fruit and vegetable crops, precision, and protected horticulture. He has more than 15 years of teaching and research experience in Horticulture. He qualified the ICAR- ASRB-NET examination in 2000. He obtained his PhD (Horticulture) in 2005 from Tamil Nadu Agricultural University (TNAU), Coimbatore with a specialization in fruit crops.

He received the IPI Fellowship (Kali and Salz, Germany) for his doctorate. He has published 41 books, 19 book chapters, and 49 research papers in reputed peer-reviewed international and national journals. He has presented many invited lectures and papers at many international and national conferences. Notably, he has won best presentation awards for many of his oral presentations. He has received 18 awards

for his academic and research contributions till date. He is a recipient of the 'Certificate of Merit' for his research contribution from the Academy of Plant Sciences India (APSI), Uttar Pradesh, in 2008. He has also bagged the MS Swaminathan Best Agriculture Scientist Award, the ACHIEVER Award by SADHNA, Himachal Pradesh, and has been listed under the World Scientists 2021 by the AD Scientific Index 2021 in Horticultural Sciences on the Google Scholar database. He is a Fellow of the Bose Science Society (FBSS), and has operated many extramural funded GOI projects with a financial outlay of 44.25 lakhs. He has also served as an Associate Investigator in an ICAR-funded NAIP project with a budget of 144 lakhs. He is member of many scientific bodies and a reviewer in many scientific journals. He has supervised eight PG students in Horticulture. Currently, he is supervising four PG and two PhD scholars in Horticulture. ●



### FACULTY HIGHLIGHTS

1

Established a *Mini-Forest* at the Residential Campus of CUTN, Thiruvavur.



2

Conducted a funded training on *Improved production technologies and value addition in cashew* to 100 farmers of Pudukottai District.

3



Recipient of the MS Swaminathan Best Agricultural Scientist Award, and the Achiever Award by SADHNA, Himachal Pradesh.

4

Listed as one of the World Scientists 2021 by AD Scientific Index in Horticulture Sciences by Google Scholar database.

5

Fellow of the Bose Science Society (FBSS).

### TOP PUBLICATIONS

**Sulfate of potash foliar spray effects on yield, quality, and post-harvest life of banana.** *Better Crops*, 2007;91(2): 22-4.

**Influence of different organic substances on growth and herb yield of sacred basil (*Ocimum sanctum L.*).** *Indian Journal of Agricultural Research*, 2010;44 (1):48-52.

**Studies on the efficacy of sulphate of potash (SOP) on the physiological, yield and quality parameters of banana cv. *Robusta* (Cavendish-AAA).** *EurAsian Journal of BioSciences*, 2008.

**Role of potassium in fruit crops - A review.** *Agriculture Reviews*, 2006;27 (4):284-91.



RESEARCH AREAS  
Crop Management and Improvement

### GOOGLE SCHOLAR





Assistant Professor

HIGHEST DEGREE

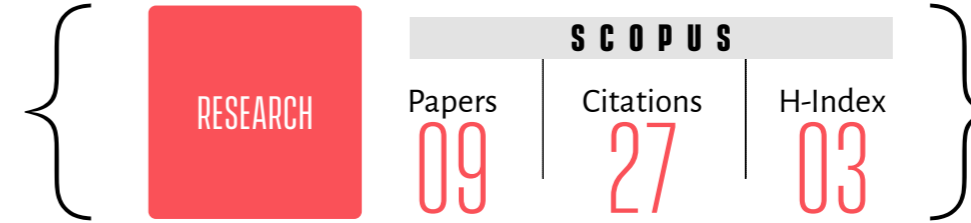
Ph.D. in Horticulture in 2018  
Indian Agriculture Research Institute, New Delhi

## DR. K. RAMA KRISHNA

**D**r Rama Krishna is working as an Assistant Professor in the Department of Horticulture under the School of Life Sciences, Central University of Tamil Nadu. He undertook his PhD research on post-harvest technology at the Indian Agriculture Research Institute (IARI) under the Indian Council of Agricultural Research (ICAR), New Delhi. He received his MSc Horticulture (Postharvest Technology) degree from the University of Horticultural Sciences, Bagalkot, Bengaluru Campus. His PhD work was on a thesis titled 'Studies on jelly seed disorder in mango and its detection with X-ray imaging.'

His current area of specialization is storage/shelf-life studies, processing and value-addition of horticultural crops, packaging of horticultural crops and non-destructive technologies. He has published 18 original research articles,

11 book chapters, and 11 magazine articles in the field of horticultural sciences, exclusively on post-harvest management of horticultural crops. He has supervised nine MSc student dissertations till date. Dr Rama Krishna is a life member of many reputed research societies/Institutes/organizations such as the Indian Science Congress Association, Kolkata, West Bengal; Indian Academy of Horticultural Sciences, New Delhi, Delhi etc. ●



### FACULTY HIGHLIGHTS

**1**  
Recipient of research excellence award.



**2**  
He has received several best paper awards for his oral and poster presentations.

**3**  
He has published several book chapters with Springer as well as Taylor and Francis Publishers.

**4**  
He has served on the jury of one of the technical sessions in an International Seminar held at ICAR-IIHR, Bengaluru.



**RESEARCH AREAS**  
Storage, Packaging and Value-Addition of Horticultural Crops



### TOP PUBLICATIONS

**Physiological and biochemical attributes associated with jelly-seed disorder in mango (*Mangifera indica* L.).** *Acta Physiologiae Plantarum*, 2020;:42:1-12.

**Non-destructive detection of jelly seed disorder in 'Amrapali' and 'Pusa Surya' varieties of mango (*Mangifera indica* L.).** *Indian Journal of Agricultural Sciences*, 2019; 89(1): 94-8.

**Postharvest applications of cold plasma technology: A review.** *Agricultural Reviews*, 2021; 2221:1-14.

**Package and storage of temperate nuts. In: Temperate Nuts.** Singapore: Springer Nature Singapore 2023. pp. 295-304.



Assistant Professor

HIGHEST DEGREE

Ph.D. in Horticulture in 2014  
Tamil Nadu Agricultural University

## DR. SENTHILKUMAR S.

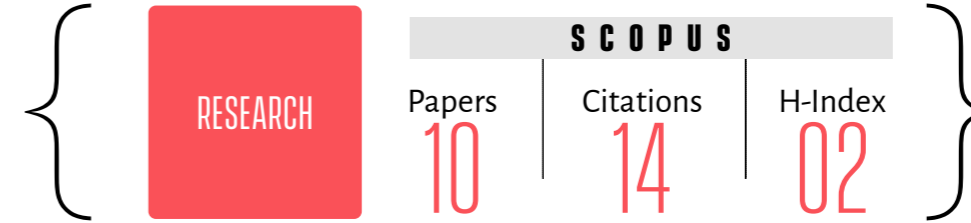
**D**r Senthilkumar Shanmugasundram pursued his UG programme in Agriculture, and PG as well as PhD programmes in Horticulture (Fruit Science) at the Tamil Nadu Agricultural University, Coimbatore. He has almost nine years of teaching and about 12 years of research experience in horticulture. He started his career as an Assistant Professor of Horticulture at the RVS Padmavathy College of Horticulture (affiliated to the Tamil Nadu Agricultural University, Coimbatore), Sempatti (Dindigul), in 2014. Later, he joined the School of Agriculture, Lovely Professional University, Punjab, as an Assistant Professor (Horticulture) from 2015-18.

He has served as the School Academic Counsellor. During his tenure as a Steering Committee Member for ICAR accreditation, the institute earned the privilege of becoming the first private institution in the country to earn ICAR accreditation. He became an Assistant

Professor in the Faculty of Agricultural Sciences, SRM Institute of Science and Technology, Chennai in 2018-19 and has served as an Academic Coordinator for over a year. He is working as an Assistant Professor in the Department of Horticulture, Central University of Tamil Nadu since 2019. Dr Senthilkumar has received 15 research awards including six international awards for his contribution to the field of horticulture.

He has published several research papers in various Scopus-indexed, NAAS and UGC CARE journals of national and international repute.

He has served as a resource person for various scientific sessions in conferences, and has served as a reviewer for several national and international journals. He has supervised 15 PG students, and is guiding two PhD scholars and three PG scholars. He has visited countries like China and Nepal for his research presentations.



### FACULTY HIGHLIGHTS

1

Standardized a production package for water apple in the Delta track of Tamil Nadu, which enlighten a key way to introduce the crop in the region.



2 Performed farm level extension activities in identification and selection of elite planting materials and their establishment in orchard.

3



Training provider for Certificate Course on *Gardening* in Skill Hub initiatives under Ministry of Skill Development and Entrepreneurship.

4

Received several national and international awards for his remarkable contributions to Horticulture.



5

Delivered invited talks at various scientific fora in the agriculture sector.

### TOP PUBLICATIONS

**Response of pre-harvest plant bio-regulator applications over the bunch characters and yield traits in banana cv. Poovan under the Cauvery delta.** *AATCC Review*, 2023;11(3):222-5.

**A study of certain organic inputs on phenological, yield and quality related traits of strawberry (cv. Camarosa) in pot culture.** *Emergent Life Sciences Research*, 2023; 9(1):77-82.

**Essentiality and role of hydrogel technologies in commercial horticulture production.** *Water and Energy International*, 2023; 66(1):15-8.

### RESEARCH AREAS

Nursery Management, Plant Propagation and Rootstocks, Crop Management and Crop Regulation in Fruit Crops (Tropical and Subtropical Fruits), and Sustainable Horticulture

### GOOGLE SCHOLAR



**RESEARCH**

Papers	SCOPUS	
13	Citations	H-Index
	381	08

FIVE PROJECTS WORTH RUPEES **89** LAKH



Assistant Professor

HIGHEST DEGREE

Ph.D. in Horticulture in 2017 Hebrew University of Jerusalem

## DR. SRIVIGNESH S.

Dr Srivignesh is an Assistant Professor of Horticulture at the School of Life Sciences, Central University of Tamil Nadu, Thiruvavur, since 2019. Following his doctoral programme at the Hebrew University of Jerusalem, Israel in 2016, he underwent a post-doctoral training through the National Post-Doctoral Fellowship (N-PDF) funded by DST-SERB at the Department of Nanoscience and Technology, Tamil Nadu Agricultural University, Coimbatore.

Earlier, he had received his BSc degree from the Tamil Nadu Agricultural University, Coimbatore (2006) and MSc degree in Horticulture from the Hebrew University of Jerusalem in Israel (2010). He was granted a Pear's Fellowship, England and HUJI administered research fellowship, Israel, for pursuing his MSc degree programme. Further, he has also secured the Indian Council for Agricultural Research - In-

ternational Fellowship (ICAR-IF) from the ICAR, New Delhi for pursuing his doctoral studies. He has been serving as a life member in prestigious societies such as the ISVS - Varanasi, HIS - New Delhi, ISPP - New Delhi, ASPB - USA, and ISHS - Belgium. He has published 30 research articles in international journals, 38 national and international abstracts in conference proceedings, five books, 13 book chapters and 26 popular articles. He has obtained four research projects from DST-SERB, DST-CRG, UGC and DCCD with a financial outlay of 70 lakh rupees. ●

**RESEARCH**

**RESEARCH AREAS**  
Vegetable Sciences, Plant Molecular Biology, Transgenics and Nanotechnology

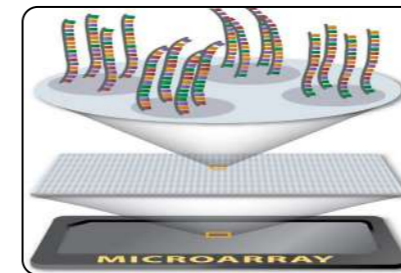
GOOGLE SCHOLAR

Citations	H-Index	i10index
543	11	11

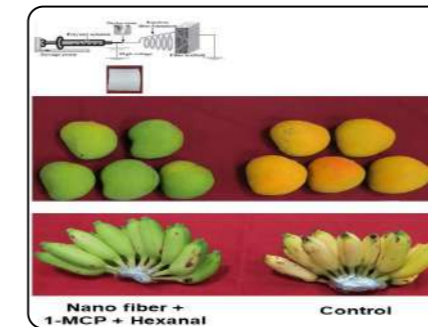
FACULTY HIGHLIGHTS

1

Significantly contributed to a better understanding of the field, such as mapping the abscission pathway in tomatoes, developing a customized microarray for abscission research, identifying the alkalization pattern of cells associated with abscission, and developing new transgenic lines with less abscission in tomato.



3



Developed a multi-layered electrospun nanofiber encapsulated with 1-MCP and hexanal to extend the shelf-life of bananas and mangoes.



4 Currently, working on the producing a nanomatrix for solanaceous vegetable grafting and creating transgenic lines by CRISPR Cas9 for genotypes in tomatoes with lower abscission rates. Also working on various nanomaterials to improve vegetable productivity.

TOP PUBLICATIONS

**Microarray analysis of the abscission-related transcriptome in the tomato flower abscission zone in response to auxin depletion.** *Plant Physiology*, 2010;154:1929-56.

**A new aspect of flower abscission: involvement of a specific alkalization of the cytosol in the abscission zone cells.** *Journal of Experimental Botany*, 2014;66:1355-68.

**De novo transcriptome sequencing and development of abscission zone-specific microarray as a new molecular tool for analysis of tomato organ abscission.** *Frontiers in Plant Science*, 2016; 10:1258.

TOTAL INDUSTRY EXPERIENCE IN YEARS	0	TOTAL TEACHING AND RESEARCH EXPERIENCE IN YEARS	16	BOOKS	05	BOOK CHAPTERS	19	JOURNAL ARTICLES	29
------------------------------------	---	---	----	-------	----	---------------	----	------------------	----

**RESEARCH**

Papers **08** Citations **14** H-Index **02**

**SCOPUS**



Assistant Professor

**HIGHEST DEGREE**

Ph.D. in Floriculture and Landscaping in 2018 University of Calcutta

## DR. MOUMITA MALAKAR

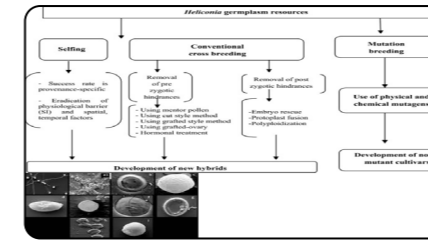
Dr Moumita Malakar has earned a PhD in Agriculture (Specialization: Floriculture) from the University of Calcutta, India in 2018. She is an Assistant Professor at the Department of Horticulture, Central University of Tamil Nadu since 2019. She completed her MSc (Gold Medalist) in Horticulture in 2012 from University of Calcutta; later she also secured her MSc degree in Botany in 2017 from Vidyasagar University with a first class. Malakar went on to become an SERB-DST INSPIRE Fellow (National Doctoral Fellowship) from 2013 to 2018.

She has worked as a visiting post-doctoral researcher for a brief span at the Trakia University, Stara Zagora, Bulgaria in 2018, and as a Visiting Scientist at the Indian Statistical Institute (ISI), Kolkata, West Bengal, from January to April, 2019. She is serving as a reviewer for international peer-reviewed research journals.

She has attended more than 30 international and national seminars, and has received a Foreign Travel Grant from SERB-DST in 2019, CSIR-HRDG in 2018, Overseas Endowment Travel Fellowship/ Scholarship by Estate and Trust Officer of University of Calcutta in 2018 (October) and a Foreign Travel Grant extended by the ISHS and University of Genoa, Italy. She is the Life Member of the Indian Science Congress Association of India and the International Society of Horticultural Sciences, Belgium. ●

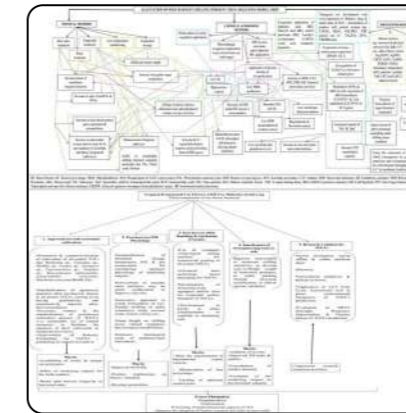
**FACULTY HIGHLIGHTS**

**1** Her areas of specialisation are dry flower production, post-harvest study and value-addition in ornamental tropical flowering crops.



**2** Her principal contributions are on the analysis of diversity of Heliconia genotypes, available in Eastern India, using DNA and physiognomic markers.

**3**



Accomplished scientific advancement in Heliconia breeding for it's potential acceptance as cut flower by consumers.



**4** Contributed to the development of *Dry Flora* as a sustainable alternative to fresh flowers favoring benign scientific advancement.

**5**

Published in reputed international research journals, and book chapters in Springer, CRC Press and Taylor & Francis Publishers.

**TOP PUBLICATIONS**

Review of recent advances in post-harvest techniques for tropical cut flowers and future prospects: **Heliconia as a case-study.** *Frontiers in Plant Science*, 2023;14:1221346.

Biotechnological approaches to overcome hybridization barriers and use of micro-propagation tool for further improvement in **Heliconia – A review.** *Plant Cell, Tissue and Organ Culture*, 2022;149: 503-22.

Molecular characterization of ten **Heliconia (Heliconiaceae) genotypes by means of RAPD markers.** *Acta Horticulturae*, 2020;1288:95-102.

**RESEARCH**

**RESEARCH AREAS**  
Tropical Speciality Cut Flowers, Post-Harvest Life, Value-Addition, Sustainability Approach and Breeding Improvement

**GOOGLE SCHOLAR**

Citations **72** H-Index **05** i10index **01**

TOTAL INDUSTRY EXPERIENCE IN YEARS **0** | TOTAL TEACHING AND RESEARCH EXPERIENCE IN YEARS **05** | BOOKS **0** | BOOK CHAPTERS **07** | JOURNAL ARTICLES **05**

**SCHOOL OF  
LIFE SCIENCES**



# DEPARTMENT OF MICROBIOLOGY

DST-FIST SPONSORED DEPARTMENT



**Dr. Ravanan P.**  
Associate Professor & Head



**Prof. Ram Rajasekharan**  
Professor



**Dr. D. Siva Sundara Kumar**  
Associate Professor



**Dr. Suchitra Rakesh**  
Assistant Professor



**Dr. Kaushik Rajaram**  
Assistant Professor



**Dr. Kavya Bakka**  
Assistant Professor



**Dr. Amit Kumar Bajhaiya**  
Assistant Professor



Associate Professor

HIGHEST DEGREE

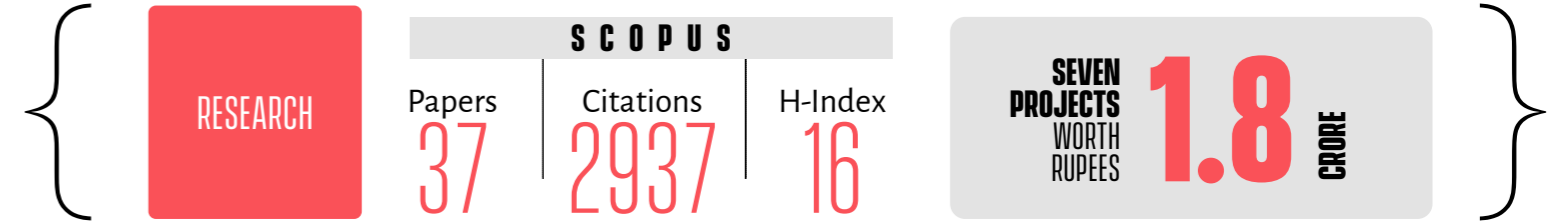
Ph.D. in Cell and Molecular Biology in 2007  
Universite de La Reunion

## DR. RAVANAN P.

**D**r Ravanan has more than 13 years of teaching, research cum administrative experience from various reputed institutes. Since 2010, he has been working at the Vellore Institute of Technology (VIT) as a faculty until he joined the Central University of Tamil Nadu, Thiruvarur in 2019.

Previously, he has also worked at the Indian Institute of Science, Bangalore and the Sanford

Burnham Prebys Medical Discovery Institute, USA for his pre-doctoral (2 years) and postdoctoral (2 years) research stints, respectively. ●



### FACULTY HIGHLIGHTS

1

Raman Charpak Fellowship 2022 (Indo-French fellowship), Mathilde Blancard - RCF-FRM-00287 for Masters Project internship.

3



ERASMUS Fellowship-Mobilité Internationale de Credits (2019-22), between Functional Genomics Lab, Central University of Tamil Nadu and Université de La Reunion, France.



4

Invited expert Teacher and Researcher Fellowship (March 4–14, 2017) by Université de la Réunion, France.

5

Research Award for contributing to the increase of h index of VIT University through publication (2017), VIT University, Vellore.

### TOP PUBLICATIONS

**Prospects on the nanoplastic particles internalization and induction of cellular response in human keratinocytes.** *Particle and Fibre Toxicology*, 2021;18(1):35.

**Guidelines for the use and interpretation of assays for monitoring autophagy (4th edition).** *Autophagy*, 2021;17(1): 1-382.

**IRE1α is critical for Kaempferol-induced neuroblastoma differentiation.** *The FEBS Journal*, 2019;286(7):1375-92.

**Prolonged lipopolysaccharide exposure induces transient immunosuppression in BV2 microglia.** *Journal of Cellular Physiology*, 2019;234(2):1889-903.



RESEARCH AREAS  
Endoplasmic Reticulum Stress,  
Glial Biology and Cancer

### GOOGLE SCHOLAR



TOTAL INDUSTRY EXPERIENCE IN YEARS **0**

TOTAL TEACHING AND RESEARCH EXPERIENCE IN YEARS **17**

BOOKS **0**

BOOK CHAPTERS **2**

JOURNAL ARTICLES **35**



Professor

HIGHEST DEGREE

Ph.D. in Biochemistry in 1987  
Indian Institute of Science

## PROF. RAM RAJASEKHARAN

Prof Ram Rajasekharan is a biologist, food technologist and a former director of the Central Food Technological Research Institute (CFTRI) and Central Institute of Medicinal and Aromatic Plants (CIMAP), a constituent laboratory of the Council of Scientific and Industrial Research (CSIR). Known for his studies on lipid metabolism, Prof Rajasekharan is a former professor of eminence at the Indian Institute of Science, Bangalore and an elected fellow of all the three major Indian science academies namely Indian Academy of Sciences, National Academy of Sciences and Indian National Science Academy as well as the National Academy of Agricultural Science. Prof Rajasekharan holds 11 patents of which seven have been licensed to various companies.

The Department of Biotechnology, Government of India awarded Prof Rajasekharan the National Bioscience Award for Career Develop-

ment in 2001. He received the Sir CV Raman State Award in Life Sciences of the Karnataka State Council for Science and Technology in 2004 and the Pro Vice-chancellor's Award for excellence in research at the Monash University for two consecutive years in 2008 and 2009.

He is also a recipient of 2011 Bhatia Memorial Award of the Society of Biological Chemists and 2012 CSIR Technology Award for Life Sciences. The Department of Science and Technology selected him for JC Bose National Fellowship in 2013. Recently, the Society of Chemical and Synthetic Biology awarded him the Life Time Achievement Award 2021. ●

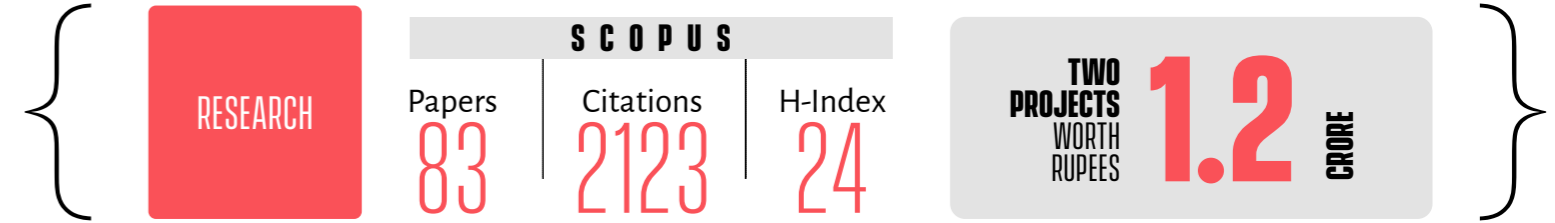
### RESEARCH AREAS

Lipid Biology

RESEARCH

### GOOGLE SCHOLAR

Citations **3K** | H-Index **29** | i10index **59**



### FACULTY HIGHLIGHTS

1

Chairman of *Futuristic Space Research Sectorial Expert Committee on Biomanufacturing*, Department of Biotechnology, Ministry of Science & Technology, New Delhi (July 2023 to June 2026).

3



Chairman of Fats and Oils Scientific Panel, Food Safety and Standard Authority of India (FSSAI), April 2023 to March 2026.

4

Chairman Drinks and Drinking Water Sectional Committee, FAD 14. Bureau of Indian Standards, Ministry of Consumer Affairs, Food and Public Distribution, New Delhi,

5

Member of Task Force on *Biotechnological Approaches for Food and Nutritional Security*, Department of Biotechnology, Ministry of Science & Technology, New Delhi.

### TOP PUBLICATIONS

**Impairment of transcription factor Gcr1p binding motif perturbs OPI3 transcription in *Saccharomyces cerevisiae*.**  
*Journal of Cellular Biochemistry*, 2022;123(6):1032-52.

**The stress regulatory transcription factors Msn2 and Msn4 regulate fatty acid oxidation in budding yeast.**  
*Journal of Biological Chemistry*, 2017;292:18628-43.

**The m6A methyltransferase Ime4 epitranscriptionally regulates triacylglycerol metabolism and vacuolar morphology in haploid yeast cells.**  
*Journal of Biological Chemistry*, 2017;292(33):13727-44.



RESEARCH

Papers 50 | Citations 2331 | H-Index 27

SCOPUS

NINE PROJECTS WORTH RUPEES 56 CRORE



Associate Professor

HIGHEST DEGREE

Ph.D. in Fungal Biotechnology in 2004 The University of Hong Kong

## DR. D. SIVA SUNDARA KUMAR

**D**r Siva Sundara Kumar, an Associate Professor at the Central University of Tamil Nadu, is an accomplished researcher with a background in microbiology and neurodegenerative diseases. His educational background includes a PhD in fungal biotechnology from the University of Hong Kong, with subsequent postdoctoral training in Taiwan and Hong Kong. During his doctoral studies at HKU, he gained valuable expertise in fungal taxonomy and diversity, benefiting from the mentorship of esteemed mycologist Prof Kevin D Hyde.

Prior to this, he completed Master's degrees in Science and Technology at the University of Madras and the Indian Institute of Technology in 1996 and 2000, respectively. In his initial postdoctoral appointment at the Vaccine R&D Centre, NHRI, Taiwan (2005-06), he was actively involved in the research project titled 'Identification of an alternative receptor for the SARS

CoV virus.' To further expand his knowledge and skills in the field of neuroprotective strategies for addressing neurodegenerative diseases, he enthusiastically accepted a subsequent postdoctoral fellowship at HKBU (2006-12).

Kumar's research pursuits primarily center on drug discovery, particularly in the areas of antivirals and neurodegenerative agents, with a specific emphasis on Alzheimer's and Parkinson's diseases. Over the last decade, he has made significant contributions to both teaching and research across diverse domains while mentoring a substantial number of students. Dr Kumar's distinguished academic career is punctuated by 49 publications in peer-reviewed journals, as well as the acquisition of two US patents, two Chinese patents, and the successful securing of eight research grants from institutions in Hong Kong and India. ●

FACULTY HIGHLIGHTS

1

Recipient of *Outstanding Researcher Award in Fungal Biotechnology* at the 8th Annual Science and Technology Meet – ASTM 2022, Venus International Foundation, India.



2



Recipient of a Chinese patent with the title *Herbal Composition and its Application in the Treatment of Neurodegenerative Diseases* (No. CN 1102629894 B), in 2022.

3

Awardee of a US patent titled *Applications and Advancements of Neurodefend for the Treatment of Neurodegenerative Diseases* (No: 62/16/219976) on September 11, 2021.

4

Bestowed with the prestigious title of Honorary Assistant Professor in the School of Biomedical Sciences at the University of Hong Kong, in 2018.

TOP PUBLICATIONS

**Reduction of kinesin I heavy chain decreases tau hyperphosphorylation, aggregation, and memory impairment in Alzheimer's disease and tauopathy models.** *Frontiers in Molecular Biosciences*, 2022;9:1050768.

**Bromo-protopine, a novel protopine derivative, alleviates tau pathology by activating chaperone-mediated autophagy for Alzheimer's disease therapy.** *Frontiers in Molecular Biosciences*, 2022; 9:1050534.

**Berberine ameliorates beta-amyloid pathology, gliosis, and cognitive impairment in an Alzheimer's disease transgenic mouse model,** *Neurobiology of Aging*, 2012; 33:2903-19.

RESEARCH AREAS  
Molecular Mycology, Antiviral Research, Drug Discovery, Autophagy and Neurodegenerative Diseases

GOOGLE SCHOLAR

Citations 3.1K | H-Index 29 | i10index 42

RESEARCH

TOTAL INDUSTRY EXPERIENCE IN YEARS 0 | TOTAL TEACHING AND RESEARCH EXPERIENCE IN YEARS 18 | BOOKS 0 | BOOK CHAPTERS 05 | JOURNAL ARTICLES 50

**RESEARCH**

Papers: 13 | Citations: 120 | H-Index: 05

**SCOPUS**

TWO PROJECTS WORTH RUPEES **70** LAKH



Assistant Professor

HIGHEST DEGREE

Ph.D. in Microbiology - Biofuels in 2012  
Tamil Nadu Agricultural University

## DR. SUCHITRA RAKESH

Dr Suchitra Rakesh is an Assistant Professor in the Department of Microbiology, Central University of Tamil Nadu since 2017. She has completed her MSc and PhD degree programmes in Agricultural Microbiology from the Tamil Nadu Agricultural University in Coimbatore. She underwent a post-doctoral training at the Indian Agricultural Research Institute (IARI), New Delhi.

Having earned a Gold Medal for her PhD research work, she embarked on a research pursuit in search for clean and green energy resources, and hence her research is mainly focused on sustainable bioconversion. More specifically, her vision is to generate biofuels from agricultural wastes and algae. She also works on waste water treatment. She has eight years of teaching and research experience. She

was awarded the DST-SERB project worth 35 lakhs to execute research on biodiesel production using co-cultivation of yeast and microalgae. Being an interdisciplinary researcher, she is working on hot topics related to sustainable energy production from microbial fuel cells, algal lipid, and biohydrogen from wastewater. She has authored more than 20 research articles in peer-reviewed journals as corresponding author and owns more than 10 book chapters with international publishers. ●

**RESEARCH AREAS**  
Biomass Conversion, Biofuel Production and Wastewater Treatment

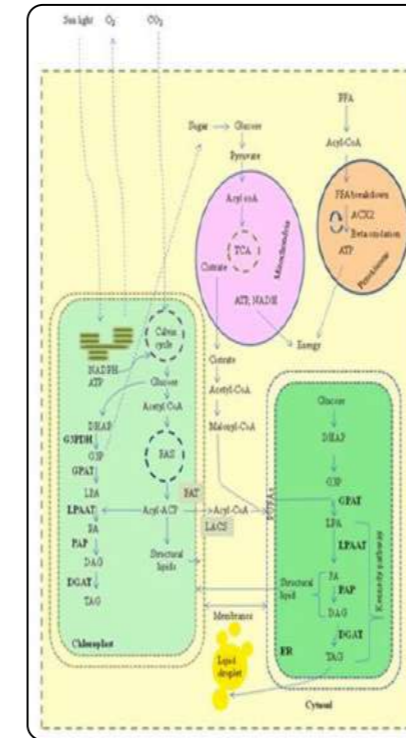
**GOOGLE SCHOLAR**

Citations: 296 | H-Index: 09 | i10index: 09

### FACULTY HIGHLIGHTS

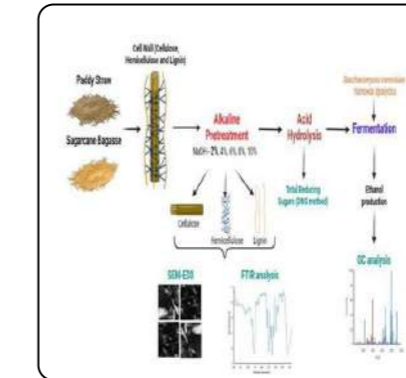
1

Expertise in algal biofuel production, phycoremediation, wastewater treatment, biomass conversion to biofuels and downstream processing.



2

Bioethanol production from agricultural waste, co-cultivation of microalgae with yeast for lipid enhancement, biochemical pathway for lipid enhancement in microalgae and sewage wastewater treatment via co-cultivation of microalgae.



### TOP PUBLICATIONS

**Comparative analysis of lipid content in mono and co-culture microalgae for potential biodiesel production using diverse cell disruption techniques.**  
*Biomass Conversion and Biorefinery*, 2023;1-9.

**A study exploring the effects of cell disruption techniques on lipid recovery in co-cultivated microalgae and oleaginous yeast.**  
*Bioenergy Research*, 2022;1-11.

**Impact of microalgal cell wall biology on downstream processing and nutrient removal for fuels and value-added products.**  
*Biochemical Engineering Journal*, 2022 :187, 108642.

**Recent developments in microalgal genome editing for enhancing lipid accumulation and biofuel recovery.**  
*Biomass and Bioenergy*, 2021;150:106093.

TOTAL INDUSTRY EXPERIENCE IN YEARS: 0 | TOTAL TEACHING AND RESEARCH EXPERIENCE IN YEARS: 09 | BOOKS: 01 | BOOK CHAPTERS: 15 | JOURNAL ARTICLES: 20

**RESEARCH**



Assistant Professor

HIGHEST DEGREE

Ph.D. in Biomedical Sciences in 2016 Hasselt University

## DR. KAUSHIK RAJARAM

Dr Kaushik Rajaram completed his PhD from Hasselt University, Belgium, and worked at various internationally acclaimed universities/institutes in India and other countries. He was a recipient of a National Postdoctoral Fellowship and worked at the Indian Institute of Science, Bangalore before he joined CUTN. His research interests lie in alternative antimicrobials and antimicrobial resistance (AMR).

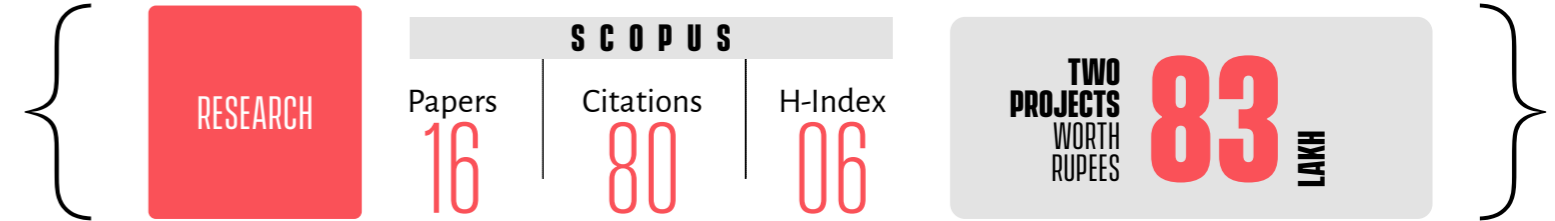
He is leading the Nano-biomaterials and Phage lab at the Department of Microbiology, and his lab develops wound-healing nanofiber scaffolds with infection control and wound healing promoting capabilities. His lab utilizes cationic polymers and drug molecules in their nanofiber scaffolds and develops them for dual purposes such as wound healing as well as

infection control properties. His team is also working on phage therapy, and is involved in the identification of phages against different multi-drug resistant pathogens. His lab also develops phage combinations to combat the resistance formation and effective treatment of pathogenic infections. Currently, he is supervising three PhD scholars in the above research areas, and he has successfully guided 16 MSc, dissertations, so far. He owns 17 papers, seven book chapters and one patent through his academic career, thus far. ●

**RESEARCH AREAS**  
Nanobiomaterials, AMR, Phage Therapy, and Wound Healing

### GOOGLE SCHOLAR

Citations **278** | H-Index **08** | i10index **05**



### FACULTY HIGHLIGHTS

1

Recipient of a UGC Research Grant of 10 lakhs, which helped set up his lab in 2020. He was also a part of a 73 lakhs Grant (Co-PI). He serves as a University Coordinator for the Microbiologists Society, India.



2

He leads the Bio-nanomaterials and Phage Research Lab.

3

Recipient of best oral presentation award at the International Conference held at Karnatak University, Dharwad.

4

He has served as the Organizing Secretary of the Symposium on Antimicrobial Resistance held at CUTN in 2023.

### TOP PUBLICATIONS

**Repurposing ivermectin and ciprofloxacin in nanofibers for enhanced wound healing and infection control against MDR wound pathogens.** *Journal of Drug Delivery Science and Technology*, 2023;90:105166.

**Starch-mediated synthesis of chitosan/silver nanocomposites: in-vitro antibacterial and wound healing applications.** *Journal of Drug Delivery Science and Technology*, 2023;84:104424.

**Characterization and antimicrobial evaluation of green synthesized silver nanoparticle thin films with reusable applications.** *Materials Letter*, 2022;314:131923.

**Enhanced in vitro wound healing using PVA/B-PEI nanofiber mats: A promising wound therapeutic agent against ESKAPE and opportunistic pathogens.** *ACS Applied Biomaterials*, 2021;4(12):8466–76.

TOTAL INDUSTRY EXPERIENCE IN YEARS **0** | TOTAL TEACHING AND RESEARCH EXPERIENCE IN YEARS **15** | BOOKS **0** | BOOK CHAPTERS **07** | JOURNAL ARTICLES **17**



Assistant Professor

HIGHEST DEGREE

Ph.D. in Microbiology in 2015 University of Cologne

## DR. KAVYA BAKKA

**D**r Kavya Bakka earned her PhD from the University of Cologne in Germany. During this tenure, she was awarded with an Young Scientist Award by the Ministry of Innovation, Science and Research for North Rhine Westphalia, Germany. Dr Kavya underwent her Post Doctoral training at the Department of Life Sciences, Central University of Tamil Nadu after securing a SERB-NPDF grant.

Dr Kavya did her second Post Doctoral research training from Uppsala University, Sweden, sponsored by the distinguished SciLifeLab consortium. She joined the Central University of Tamil Nadu as an Assistant Professor in the Department of Microbiology and is currently working in the field of microbial genetics and mitochondrial biology. Dr Kavya Bakka thoroughly enjoys her teaching profession and

is always looking forward to exploring and experiencing different approaches to scientific pedagogy. Recently, Kavya had the opportunity to coordinate a NASI-CUTN 'Science and Society Program', which has ignited a new passion for outreach activities. ●

RESEARCH

RESEARCH AREAS  
Mitochondrial Biology, Microbial Genetics and PGPR

GOOGLE SCHOLAR

Citations 600 | H-Index 09 | i10index 09

RESEARCH

Papers 09

SCOPUS

Citations 277

H-Index 05

FIVE PROJECTS WORTH RUPEES

77 LAKH

### FACULTY HIGHLIGHTS

1

SciLifeLab Researcher at IMBIM, Uppsala University.



2 Graduated with *magna cum laude* in PhD from the University of Cologne, Germany, 2015

3



NRW Young Scientist Award-2012 from the Ministry of Innovation, Science and Research, North Rhine Westphalia, Germany.

4

Cologne Excellent in Ageing Research (CECAD) Fellowship, Germany, 2015.

5

Max Planck Institute for Biology of Ageing Fellowship, Germany, 2011-14

### TOP PUBLICATIONS

**Differential modulation of photosynthesis, ROS and antioxidant enzyme activities in stress-sensitive and-tolerant rice cultivars during salinity and drought upon restriction of COX and AOX pathways of mitochondrial oxidative electron transport.** *Journal of Plant Physiology*, 2022;268:153583.

**Cytochrome oxidase and alternative oxidase pathways of mitochondrial electron transport chain are important for the photosynthetic performance of pea plants under salinity stress conditions.** *Plant Physiology and Biochemistry*, 2020;154:248-59.

**Regulation of MCU-dependent mitochondrial calcium influx by the m-AAA protease associated with neurodegeneration.** *Molecular Cell*, 2015;64:148-62.

TOTAL INDUSTRY EXPERIENCE IN YEARS 2

TOTAL TEACHING AND RESEARCH EXPERIENCE IN YEARS 16

BOOKS 0

BOOK CHAPTERS 04

JOURNAL ARTICLES 08



Assistant Professor

HIGHEST DEGREE

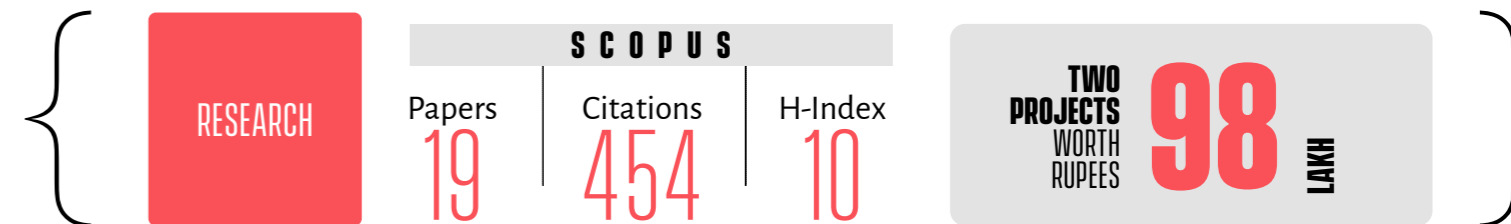
Ph.D. in Biotechnology in 2015 University of Manchester

## DR. AMIT KUMAR BAJHAIYA

**D**r Amit Kumar Bajhaiya is an Assistant Professor at the Central University of Tamil Nadu. He completed his MSc degree in Biotechnology at the Jiwaji University, Gwalior. Later, he has worked for a year as a Project Assistant at the CSIR-National Botanical Research Institute, Lucknow before starting his PhD degree in Biotechnology at the University of Manchester in the United Kingdom.

He has worked on abiotic stress biology, molecular taxonomy and transcriptional engineering of Microalgae during his PhD research. Following his PhD, he moved to Sweden to work as a postdoctoral fellow at the Umea Plant Science Centre and the Chemical Biological Centre. During his postdoctoral training, he has worked on the regulation of carbon concentrations mechanism and programmed cell death in

microalgae with an aim to develop microalgal cells as an efficient microbial cell factory. Amit is a recipient of the INSPIRE Faculty Award and an SERB Startup Grant along with several national and international travel grants. Amit has vast expertise in algal molecular biology, molecular taxonomy, analysis of algal metabolites, transcriptional engineering, secondary metabolites analysis, bioremediation and abiotic stress biology of microalgae. ●



### FACULTY HIGHLIGHTS

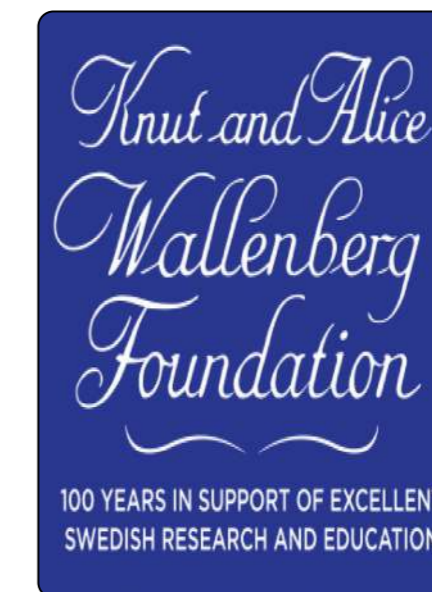
**1**  
Awardee of Company of Biologists Travel Grants 2020, Society for Experimental Biology, United Kingdom.



**2**  
Received the Wallenberg Foundation Travel Grant 2019, from Wallenberg Foundation, Sweden.

**3**  
INSPIRE Faculty Fellowship Scheme

Awardee of Inspire Faculty Fellowship 2018, Department of Science and Technology, Government of India.



**4**  
Awardee of Postdoctoral Fellowship, Lawski's Foundation, Sweden (2017).

### TOP PUBLICATIONS

**Algal lipids for biofuel production: Strategies, environmental impacts, downstream processing and commercialization.** *Phytochemical Reviews*, 2022;22(2):1-19.

**Genetic engineering of microalgae for secondary metabolite production: Recent developments, challenges, and future prospects.** *Frontiers in Bioengineering and Biotechnology*, 2022;10:836056.

**Changes in lipid and carotenoid metabolism in *Chlamydomonas reinhardtii* during induction of CO<sub>2</sub>-concentrating mechanism: Cellular response to low CO<sub>2</sub> stress.** *Algal Research*, 2020; 52:102099.



**RESEARCH AREAS**  
Secondary Metabolites, Transcriptional Engineering of Microalgae, Metabolomics, Sub-cellular Proteomics, Carbon Concentration Mechanism of Microalgae and Regulation of Lipid

### GOOGLE SCHOLAR



TOTAL INDUSTRY EXPERIENCE IN YEARS **0**

TOTAL TEACHING AND RESEARCH EXPERIENCE IN YEARS **8**

BOOKS **0**

BOOK CHAPTERS **10**

JOURNAL ARTICLES **20**

**SCHOOL OF MATHEMATICS AND  
COMPUTER SCIENCES**



# DEPARTMENT OF COMPUTER SCIENCE



**Dr. Chandra Mouli PVSSR**  
Associate Professor & Head



**Dr. Nandhini K.**  
Assistant Professor



**Dr. Saranya R.**  
Assistant Professor



**Dr. Martin A.**  
Assistant Professor



**Dr. P. Thiyagarajan (On Lien)**  
Assistant Professor



Associate Professor

HIGHEST DEGREE

Ph.D. in  
Computer Science in 2010  
National Institute of  
Technology-Trichy

## DR. CHANDRA MOULI PVSSR

**D**r Chandra Mouli is an Associate Professor in the Department of Computer Science, Central University of Tamil Nadu since December 2019. His research interests are Digital Image Processing, Machine Learning, Deep Learning, Digital Watermarking, Hyper-spectral Imaging. He earned his PhD from National Institute of Technology (NIT) Trichy in 2010 under the supervision of Dr TN Janakiraman.

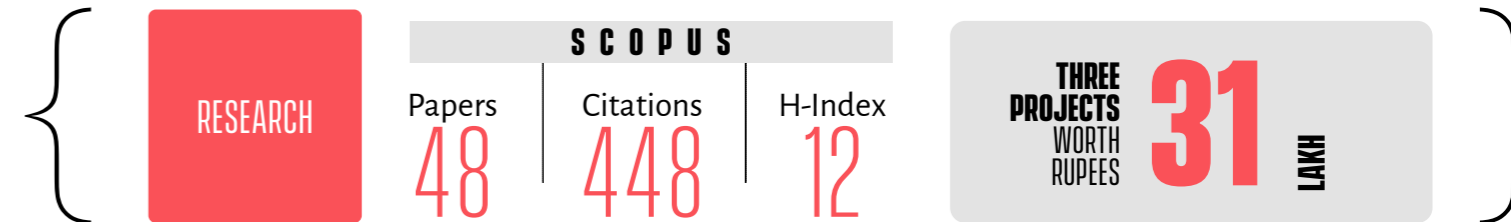
He worked as a JRF in a research project sponsored by the DRDO, New Delhi while pursuing PhD Prior to joining CUTN, he was associated with VIT University, Vellore from 2009 to 2018 in the capacities of Associate Professor and Professor. Later, he moved to National Institute of Technology, Jamshedpur as Assistant Professor during June 2018 to December 2019. Three research scholars have completed PhD under his guidance. He has guided several BTech, MTech, and MSc students. He has

executed two research projects sponsored by DRDO, New Delhi one as a principal investigator and the other as co-investigator. He is a reviewer for many reputed SCI/SCIE indexed journals that include Multimedia Tools and Applications, IET Image Processing, etc. ●

**RESEARCH AREAS**  
Digital Image Processing, Machine Learning, Deep Learning, Digital Watermarking, Hyper-spectral Imaging

GOOGLE SCHOLAR

Citations	H-Index	ioindex
641	14	18



FACULTY HIGHLIGHTS

1

He associated with Dr KC Santosh from University of South Dakota and Dr Byoung-Kwan Cho from Chungnam National University South Korea.

2

He is working on image enhancement, watermarking areas using machine learning and deep learning concepts.

TOP PUBLICATIONS

**Robust digital color image watermarking based on compressive sensing and DWT.** *Multimedia Tools and Applications*, 2023; 1-15.

**A comprehensive survey on image enhancement techniques with special emphasis on infrared images.** *Multimedia Tools and Applications*, 2022; 1-33.

**Breast cancer classification using deep neural networks.** *Knowledge Computing and Its Applications: Knowledge Manipulation and Processing Techniques*, 2018; 1: 227-241.

**A robust semi-blind watermarking for color images based on multiple decompositions.** *Multimedia Tools and Applications*, 2017; 76, 25623-25656.





Assistant Professor

HIGHEST DEGREE

Ph.D. in Computer Science in 2014 National Institute of Technology-Trichy

## DR. NANDHINI K.

Dr K Nandhini is working as an Assistant Professor in the Department of Computer Science, School of Mathematics and Computer Sciences, Central University of Tamil Nadu, Thiruvarur. She completed her PhD in Computer Science in September 2014, from the National Institute of Technology, Trichirappalli. Before joining the Central University of Tamil Nadu, she has worked as a contract faculty at the NIT, Trichirappalli. She has 15 years of work experience which includes academic, research, and teaching. She has organized and coordinated various workshops. Her research interests

are text processing, depression detection, automatic question answering, social media text analytics, etc. She has published more than 33 research articles in peer-reviewed journals and renowned conferences. ●

RESEARCH AREAS

Text Summarization, Depression detection, Question Generation, Text Analytics

GOOGLE SCHOLAR

Citations 390 | H-Index 08 | i10index 05



FACULTY HIGHLIGHTS

1

Published two book chapters in Legal Document Summarization, Pregnancy Prediction using Machine Learning under CRC Press and IGI Global, respectively.

3



Developed ICT-based Demo for DBMS Laboratory Session.



4 Developed Assistive Native Language voice-over PPT for slow learners.

5

Coordinated an in-house project Thesis tracking software developed by MSc 2002 student batch.

TOP PUBLICATIONS

Improving readability through extractive summarization for learners with reading difficulties, *Egyptian Informatics Journal*, 2013; 14 (3): 195-204.

Improving readability through individualized summary extraction, using interactive genetic algorithm, *Applied Artificial Intelligence*, 2016; 30(7): 635-661.

A comprehensive study on lexicon-based approaches for sentiment analysis, *Asian Journal of Computer Science and Technology*, 2019; 8 (2): 1-6 214.

Improving depression prediction accuracy using fisher score-based feature selection and dynamic ensemble selection approach based on acoustic features of speech, *IJETA Traitement Du Signal*, 2023; 39 (1): 87-107.





Assistant Professor

HIGHEST DEGREE

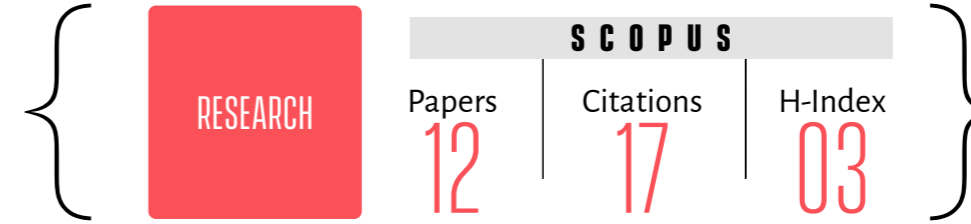
Ph.D. in  
Computer Science in 2015  
Madurai Kamaraj University

## DR. SARANYA R.

Dr Saranya holds an impressive educational background, with a PhD in Computer Science from Madurai Kamaraj University in 2015, where her research achievements earned her a highly commendable rating. Prior to her doctoral studies, she completed her Master's degree in Computer Science and Engineering from Anna University, Chennai (2011), achieving a remarkable CGPA of 8.69 and earning a first class with distinction.

Her academic journey began with a Bachelor's degree in Computer Science and Engineering from the same institution in 2008, where she secured an impressive 75% and again earned a first class with distinction. In addition to her exceptional academic qualifications, Dr Saranya has gained valuable professional experience in the field of academia. She has been serving as an Assistant Professor in Computer Science at the Central University of Tamil

Nadu, Thiruvarur, since July 2016, reaching the position of senior scale. She has accumulated 12 years of academic experience. She has a diverse range of research interests in the field of computer science. Her expertise spans across several domains, including social media data analytics, content moderation, data science, IoT and distributed networks and systems. Her research team works in areas such as RAFT consensus algorithm, multimodal abusive/offensive data classification and blockchain in healthcare under her supervision. She has published papers in highly reputed journals, and has presented her work in multiple international conferences. She is an active member of professional academic bodies, including the CSI, IAENG, IEI and IEEE. ●



### FACULTY HIGHLIGHTS

1

Book Chapter : Kathiravan, P, Saranya, R., & Shanmugavadivu P. (2023), Intelligent Named Entity-Based Cybercrime Recognition System for Social Media Network Platform, Cybersecurity for Decision Makers, CRC Press , Taylor & Francis Group ,

2

Book Chapter : Kathiravan, P, Saranya, R., & Sridurga S., (2023). Sentiment Analysis of COVID-19 tweets using TextBlob and Machine Learning classifiers” Lecture Notes in Networks and Systems, Springer Nature.

3



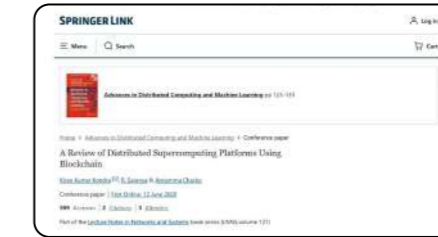
Patent Filed: Smart Jewel Display Box (Application Number: 392758-001) to Intellectual Property India (2023)- General of Patents, Designs and Trademarks, Design Office, Kolkata.

4

Book Chapter : A Review of distributed supercomputing platforms using Blockchain. Lecture Notes in Networks and Systems book series.

5

Book : Security Mechanisms for Software Requirement Analysis. Lulu Book Publications.



### TOP PUBLICATIONS

Integrated quantum flow and hidden markov chain approach for resisting DDoS attack and C-Worm. *Cluster Computing*, 2019; 22: 14299-14310.

CSSCUTN@DravidianLangTech@RANLP 2023: Abusive comments detection in tamil and telugu, 8th International conference on recent advances in natural language processing, Bulgaria, Association for Computational Linguistics, 2023.

Enhancing crime prediction with knora dynamic ensemble selection and cross-validation, *ECB*. 2023, 12(5): 2698 2719.

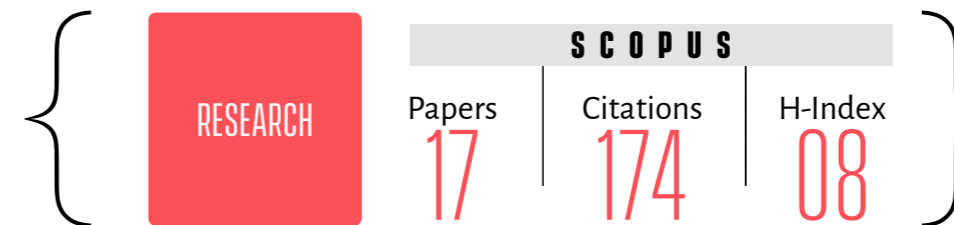
Mitigating imbalanced data in on-line social networks using stratified K-means sampling, 8th International Conference on Business and Industrial Research, Bangkok, 2023; 883-888.



RESEARCH AREAS  
Network Security, NLP and IoT

### GOOGLE SCHOLAR





Assistant Professor

HIGHEST DEGREE

Ph.D. in Computer Science and Engineering in 2014  
Pondicherry University

## DR. MARTIN A.

Dr Martin is an Assistant Professor in the Department of Computer Science, School of Mathematics and Computer Sciences, Central University of Tamil Nadu. He has more than 19 years of teaching experience, which includes academics, research, and administration. His research interest includes data science and big data analytics, business intelligence, soft computing techniques, machine learning, artificial emotional intelligence and mobile applications. He is mentoring several PG students and PhD scholars in data analytics, artificial emotional intelligence, soft computing, and computer vision.

He has published research papers in highly-recognized global journals such as IEEE Transactions, Elsevier, Springer, Emerald, and Inderscience. He has received 1356 citation indices for his publications. His h-index is 16 and has an i-10 index of 20. He is an EMC2-certified

'Data Science and Big Data Analytics' programmer and Oracle Java 2 Certified Programmer. He has received many awards and recognitions for his research work, teaching and training. He has received Faculty Mentor Certification for 'The Great Mind Challenge 2007, 2008 and 2010' from IBM.

He has organized Zenith 2017 (a career guidance programme for UG students) at the Central University of Tamil Nadu in 2017 which hosted more than 1000 UG student participants from different colleges of Thiruvallur and Nagapattinam districts. Besides, he has also organized Sikarathai Nokki (a career guidance programme for HSC students) in May 2013, December 2013, May 2015, and April 2016 at NLC, Neyveli, Tamil Nadu in association with Sri Manakula Vinayagar Engineering College, Puducherry. ●

RESEARCH AREAS  
Business Intelligence, Evolutionary Computation Techniques, Data Science and Big Data, Artificial Intelligence and Machine Learning

GOOGLE SCHOLAR



### FACULTY HIGHLIGHTS

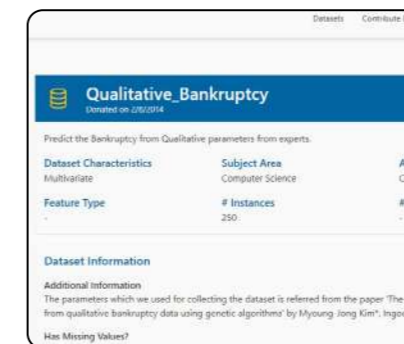
1

Interdisciplinary research work in Computer Science and Engineering (Banking Technology) from Dept. of Banking Technology, Pondicherry University.



2 Publications - International Journals: 42 (SCI:03 and SSCI: 03), Conferences:48, Text Books: 01, Book Chapters: 06

3



Qualitative Bankruptcy Data Set has been recognized by the Center for Machine Learning and Intelligent Systems, University of California, more 100000 researchers have visited the bankruptcy data set.

4

Received a project grant from the Tamil Nadu State Council for Science and Technology under Student Project Scheme – 2020.

5

Received a grant of Rs. 93,000/- for five ATAL Faculty Development Programme on Blockchain Analytics and Big Data - The Future of Business Process 06/12/2021 to 10/12/2021.

### TOP PUBLICATIONS

A genetic bankrupt ratio analysis tool using genetic algorithm to identify influencing financial ratios, *IEEE Transactions on Evolutionary Computation*, 2016; 20(1), pp.38-51.

A study on indirect performance parameters of object detection, *SN Computer Science*, 2022; 3(5): 386.

A study on generic object detection with emphasis on future research directions. *Journal of King Saud University-Computer and Information Sciences*, 2022; 34(9): 7347-7365.

An object-oriented neural representation and its implication towards explainable AI, *International Journal of Information Technology*, 2023.

## SCHOOL OF MATHEMATICS AND COMPUTER SCIENCES



**Dr. V. Renuka Devi**  
Associate Professor and Head



**Prof. T. Sengadir**  
Professor



**Prof. Roopkumar R.**  
Professor



**Dr. B. Sundaravadivoo**  
Associate Professor



**Dr. Chandrashekar A.**  
Assistant Professor



**Dr. Ramesh V. P.**  
Assistant Professor

# DEPARTMENT OF MATHEMATICS

DST-FIST SPONSORED DEPARTMENT



**Dr. Barani Balan N.**  
Assistant Professor



**Dr. Virendra Kumar**  
Assistant Professor



**Dr. Kavaskar T.**  
Assistant Professor



**Dr. Bharanedhar S. V.**  
Assistant Professor



Associate Professor and Head

HIGHEST DEGREE

Ph.D. in Mathematics in 2007 Manonmaniam Sundaranar University

## DR. V. RENUKA DEVI

Dr Renuka Devi, Associate Professor of Mathematics, School of Mathematics and Computer Sciences, Central University of Tamil Nadu, Thiruvarur, was born on May 1976 in Tamil Nadu. She earned her PhD at the Manonmaniam Sundaranar University in 2007.

She did her BSc, MSc, MPhil and MCA from the same university. After seven years of teaching at the Govindammal Aditanar College, Tiruchendur, she moved to VIT, Vellore and later she had spent 12 years at the ANJA College, Sivakasi. She has published more than 90 research articles in various peer-reviewed journals. Her most recent research interests are on topological dynamical systems and algebraic topology. Further, she has participated and presented several of her research findings in national and international conferences/seminars. She is serving as a reviewer for the American Mathematical Society, USA. Her re-

search contribution has earned more than 336 citations till date. Under her capable supervision, seven scholars have received their PhD degrees. She has delivered more than 25 invited lectures on various occasions. She is a motivating teacher with an optimistic spirit enlightening the students for a better and prosperous career. ●

**RESEARCH AREAS**  
Set Topology, Topological Dynamical System, Algebraic Topology

GOOGLE SCHOLAR

Citations 336 | H-Index 10 | i10index 11

**RESEARCH**

Papers 23 | Citations 47 | H-Index 04

SCOPUS

ONE PROJECTS WORTH RUPEES 9.5 LAKH

FACULTY HIGHLIGHTS

1

Received Chebyshev Grant to attend the International Congress of Mathematicians (ICM 2022) Conference from 5th July, 2022 to 14th July, 2022 at St. Petersburg, Russia.

3

Received Tamil Nadu Scientist Award (TANSA) 2015 for Mathematical Sciences honored by Tamil Nadu State Council for Science and Technology.

2

Received a UGC Major Research Project grant of Rs. 9,54,800/- on Study on Soft Sets and Their Applications in Reduction of Attributes from 01.04.2013 to 31.03.2017.

4

Received Tamil Nadu Young Women Scientist Award 2011 for Mathematical Sciences honored by Science City, Department of Higher Education, Tamil Nadu Government.

TOP PUBLICATIONS

**Furstenberg family and multi-transitivity in non-autonomous systems.** *Journal of Difference Equations and Applications*, 2022; 28 (8): 1087 - 1102.

**Transitivity and sensitivity of semi-group actions on uniform spaces.** *Asian-European Journal of Mathematics*, 2022; 15(12): 2250209.

**On lower and upper semi-continuous functions.** *Acta Mathematica Hungarica*, 2020; 160(1): 1 - 12.

**Statistically sequentially covering maps.** *Filomat*, 2017; 31(6): 1681 - 1686.

**Codense and completely codense ideals.** *Acta Mathematica Hungarica*, 2005; 108(3): 197 - 205.

TOTAL INDUSTRY EXPERIENCE IN YEARS 0

TOTAL TEACHING AND RESEARCH EXPERIENCE IN YEARS 23

BOOKS 0

BOOK CHAPTERS 0

JOURNAL ARTICLES 96



Professor

HIGHEST DEGREE

Ph.D. in  
Mathematics in 2011  
IIT Mumbai

## PROF. T. SENGADIR

**B**orn and brought up in Pondicherry. Completed High School in a Government Tamil Medium School and +2 in a Government Higher Secondary School. UG PG and Ph.D degrees were obtained outside Pondicherry . Worked in Government and Private Institutions. Started a Tamil Medium School in Pudupattinam, Tamil Nadu. Member of Reward trust which is working for educational and social development of rural students.

RESEARCH AREAS

Study of ODE and PDE with Delays using  
Tools of Functional Analysis

RESEARCH

GOOGLE SCHOLAR

Citations 60 | H-Index 05 | i10index 02

FACULTY HIGHLIGHTS

1

Author of a book on Discrete  
Mathematics and Combinatorics

2

Works in Nonlinear delay differ-  
ential equations

TOP  
PUBLICATIONS

**Existence of solutions and semi discretization for PDE with infinite delay.**  
*Differential Equations and Applications*, 2015; 7(3): 313–331.

**Fréchet phase space for non-linear infinite delay equations in banach spaces,**  
*Proceedings - Mathematical Sciences*, 2019;129.

**Approximation of nonlinear infinite delay equations in banach spaces by finite delay equations.** *Proceedings - Mathematical Sciences*, 2022; 132 (1).

TOTAL INDUSTRY  
EXPERIENCE  
IN YEARS 0

TOTAL TEACHING  
AND RESEARCH  
EXPERIENCE IN YEARS 29

BOOKS 01

BOOK  
CHAPTERS 0

JOURNAL  
ARTICLES 18



Professor

HIGHEST DEGREE

Ph.D. in Mathematics in 2004  
Madurai Kamaraj University

## PROF. ROOPKUMAR R.

Prof Roopkumar received his Ph.D. in Mathematics under the guidance of Prof V Karunakaran from Madurai Kamaraj University in 2004 supported by the CSIR-JRF and CSIR-SRF fellowships. He has been working as a lecturer/assistant professor/associate professor/professor at the Sri Krishna College of Engineering and Technology (2004-06), Alagappa University (2006-2015), Central University of Kerala (2015-2016), and the Central University of Tamil Nadu (2016 - till date). He has published 66 articles in international journals and a text book on complex analysis.

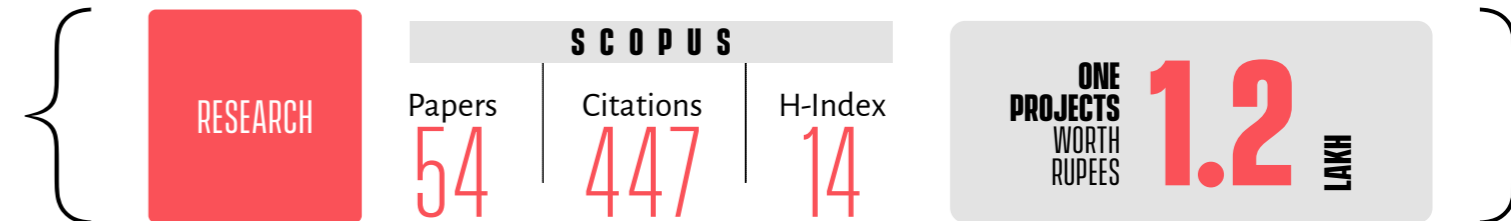
Four research scholars were awarded PhD degree under his guidance. He has delivered more than 160 talks in various conferences, workshops, seminars, and refresher courses. He is one of the recipients of the DST-Young Scientist Award in 2006.

He is one of the well-known international

researchers working on Bohemian spaces. His present areas of research include integral transforms on quaternion valued functions and their applications in signal processing.

He is serving as a referee for various reputed international journals from Taylor and Francis, Springer, Elsevier, De Gruyter and World Scientific publishing company.

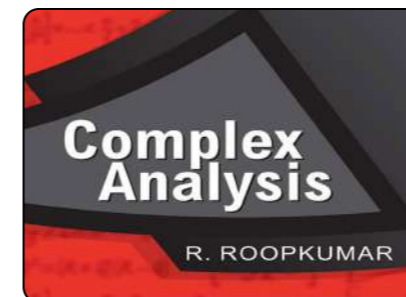
He is regularly writing reviews on published papers for AMS Mathematical Reviews. He has also served as the Head of the Department at Central University of Kerala and Head of the Department and Dean of the School at the Central University of Tamil Nadu. ●



### FACULTY HIGHLIGHTS

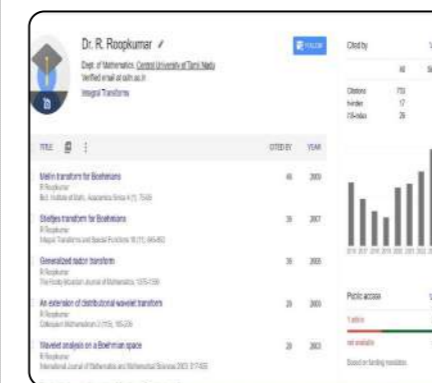
1

Prof R Roopkumar published a text book on Complex Analysis, which was published by Pearson Education with ISBN 9789332537613 in 2015.



2 He has served as a reviewer as well as a domain expert for XII Standard Mathematics text book.

3



Prof R Roopkumar is one among the internationally renowned researchers working on a class of generalized functions called Bohemian spaces.

4

He is collaborating with Prof Al Zayed, Department of Mathematical Sciences, DePaul University, Chicago, IL 60614, USA.



### TOP PUBLICATIONS

**Generalized radon transforms.** *Rocky Mountain Journal of Mathematics*, 2006; 36(4): 1375-1390.

**Mellin transform for boehmians,** *Bulletin of Institute of Mathematics Academia Sinica New Series*, 2009; 4(1): 75-96.

**A natural convolution of quaternion valued functions and its applications,** *Applied Mathematics and Computation*, 2014; 242(1): 633 - 642.

**Quaternionic one-dimensional fractional fourier transform,** *Optik*, 2016; 127: 11657-11661.

**Multidimensional fractional fourier transform and generalized fractional convolution,** *Integral Transforms and Special Functions*, 2020; 31(2): 152-165.

RESEARCH

RESEARCH AREAS  
Integral Transforms, Generalized Functions

### GOOGLE SCHOLAR



TOTAL INDUSTRY EXPERIENCE IN YEARS 0

TOTAL TEACHING AND RESEARCH EXPERIENCE IN YEARS 23

BOOKS 01

BOOK CHAPTERS 02

JOURNAL ARTICLES 65



Associate Professor

HIGHEST DEGREE

Ph.D. in  
Mathematics in 2018  
Alagappa University

## DR. B. SUNDARAVADIVOO

**D**r Sundaravadivoo, is currently working as an Associate Professor at the Department of Mathematics, Central University of Tamil Nadu, Thiruvarur, India from 19th September 2023. She was formerly with the Faculty of Mathematics at Alagappa University, Karaikudi, as an Assistant Professor from 28th May 2012 to 19th September 2023.

She got qualified in CSIR-NET examination. She is a first rank holder and got a gold medal in M.Sc Mathematics. Total year of service is 20 years. 15 MPhil, 125 M.Sc projects were successfully guided. She is serving as an reviewer of ISA Transactions, Mathematical methods in the Applied Sciences, Alexandria Engineering Journal, Mathematics and Computers in Simulation. She has written a course material Analytic Number Theory, Functional Analysis for Alagappa University, Directorate of Distance Education, M.Sc Mathematics students. She

has delivered more than 30 invited lectures on various occasions, chairpersons of the international/national conferences, keynote speaker. •



FACULTY HIGHLIGHTS

1

She is serving as an reviewer of ISA Transactions, Mathematical methods in the Applied Sciences, Alexandria Engineering Journal, Mathematics and Computers in Simulation.

2

She has written a course material Analytic Number Theory, Functional Analysis for Alagappa University, Directorate of Distance Education, MSc Mathematics students.

3

Organised national level workshops and quiz programmes.

TOP PUBLICATIONS

**Controllability of fractional lan-gevin impulsive system with proportional delay**, *International Journal of Dynamics and Control*, 2023.

**Discussion on iterative process of nonlocal controllability exploration for hilfer neutral impulsive fractional integro-differential equation**, *AIMS Mathematics*, 2023; 8(7): 16846-16863.

**New interpretation of topological degree method of hilfer fractional neutral functional integro-differential equation with nonlocal condition**, *AIMS Mathematics*, 2023; 8(7): 17154-17170.

**Relative controllability analysis of fractional order differential equations with multiple time delays**, *Applied Mathematics and Computation*, 2022; 428: 127192.



**RESEARCH AREAS**  
Fractional Differential Equations, Delay Differential Equations, Control Theory, Optimal Control, Number Theory, Mathematical Modelling

GOOGLE SCHOLAR



TOTAL INDUSTRY EXPERIENCE IN YEARS

0

TOTAL TEACHING AND RESEARCH EXPERIENCE IN YEARS

20

BOOKS

0

BOOK CHAPTERS

0

JOURNAL ARTICLES

17



Assistant Professor

HIGHEST DEGREE

Ph.D. in  
Mathematics  
in 2010  
Indian Institute of  
Technology, Madras

## DR. CHANDRASHEKARAN A.

**D**r Chandrashekar is an Assistant Professor of Mathematics at the School of Mathematics and Computer Sciences, Central University of Tamil Nadu, since March 2012. He received his PhD from the Indian Institute of Technology Madras in 2010, followed by a DST-Research Associateship at CR Rao Advanced Institute of Mathematics Statistics and Computer Sciences, Hyderabad. He received his BSc and MSc in Mathematics from the Madurai Kamaraj University, Madurai in 2002 and 2004, respectively. He completed his school education in Thiruthangal, his native place.

He was granted National Board for Higher Mathematics (NBHM) fellowship for both MSc and PhD. Further, he secured CSIR Junior and Senior Research Fellowship for his doctoral studies. He was a proud alumnus of the Mathematics Training and Talent Search (MTTS) programme held in 2002. Since 2013, he has

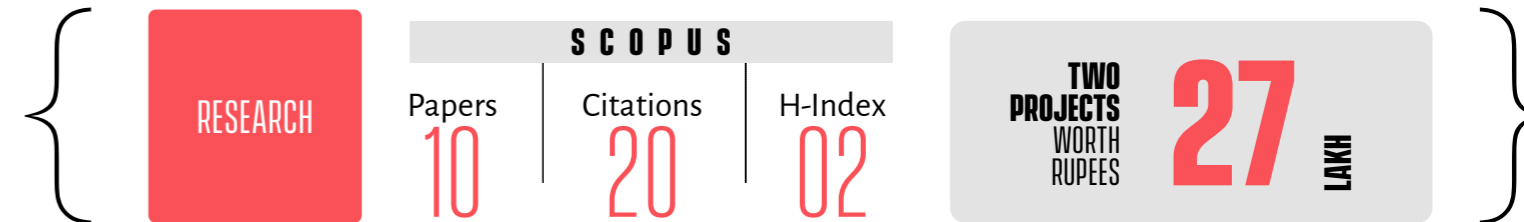
contributed to MTTS as a resident faculty for various programmes organized across India. His research work involves working on problems that arise from mathematical optimization, game theory and related areas.

His other interests include open-source software packages, especially MOODLE, KOHA and SageMath. He has installed and customized MOODLE for CUTN (<https://courses.cutn.ac.in>) and MTTS Classrooms (<https://classroom.mtts.org.in>). Further, he has also installed and customized KOHA for the Chozha Central Library of the Central University of Tamil Nadu (<https://library.cutn.ac.in>). ●

RESEARCH AREAS  
Linear Algebra, Optimization and  
Game Theory

GOOGLE SCHOLAR

Citations 33 | H-Index 04 | i10index 0



FACULTY HIGHLIGHTS

1

Special Invitee to the MTTS Trust since April 2021.

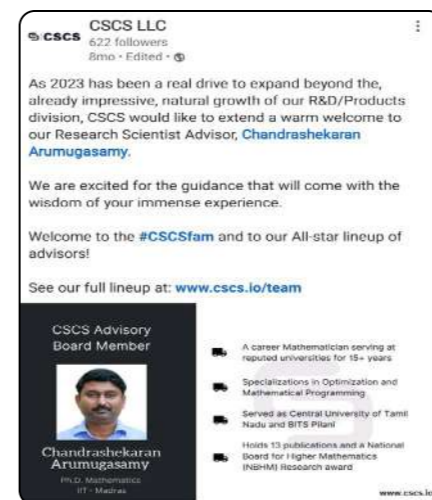


2

A Mathematician who is technically supporting the OPAC @ Chozha Central Library and Learning Management System for CUTN ([courses.cutn.ac.in](https://courses.cutn.ac.in)) and MTTS ([classroom.mtts.org.in](https://classroom.mtts.org.in)).

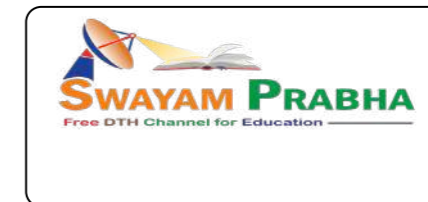
3

Member of the Advisor Board, CSCS LLC since February 2023.



4

Resident Faculty for the prestigious MTTS Programmes organized throughout the country for the past decade. This programme is acclaimed to be unique and the most successful training program for the Mathematics students of this country.



5

Recently recorded a course for SwayamPraba titled "A Foundation Course in Mathematics."

TOTAL INDUSTRY EXPERIENCE IN YEARS 0 | TOTAL TEACHING AND RESEARCH EXPERIENCE IN YEARS 17 | BOOKS 0 | BOOK CHAPTERS 01 | JOURNAL ARTICLES 12

TOP PUBLICATIONS

A characterization of non-negativity relative to proper cones, *Indian Journal of Pure and Applied Mathematics*, 2022; 51(3): 935-944.

On symmetric linear games, *Linear Algebra Application*, 2019; 562: 44-54.

Linear complementarity problems and bi-linear games, *Applications of Mathematics*, 2020; 65: 665-675.

A characterization for the self-duality of proper cones, *Positivity*, 2023; 27: 11.

On the dual of the tensor product of semidefinite cones, *The Journal of Analysis*, 2023.





Assistant Professor

HIGHEST DEGREE

Ph.D. in  
Mathematics in 2007  
Indian Institute of  
Technology Kanpur

## DR. RAMESH V. P.

**D**r Ramesh is working as an assistant professor of mathematics at the Central University of Tamil Nadu. His goal in life is to become an eminent researcher and teacher. He is interested in algorithms, number theory and computing. Currently, he is researching in two directions, one around Gauss's primitive root conjecture and the second on designing scalable algorithms for shock capturing.

Ramesh holds PhD degree in Mathematics from IIT Kanpur. After completing his PhD in 2007, Ramesh joined General Electric Global Research as a research analyst. In 2012 he joined Central University of Tamil Nadu as Assistant Professor of Mathematics. He has published 30 research articles and has guided seven PhD scholars to completion. ●

RESEARCH

**RESEARCH AREAS**  
Number Theory, Numerical Analysis,  
Scientific Computing and Big Data Ana-  
lytics

GOOGLE SCHOLAR

Citations	H-Index	ioindex
234	07	05

RESEARCH

Papers	SCOPUS	
24	Citations	H-Index
	175	06

THREE  
PROJECTS  
WORTH  
RUPEES  
**40**  
LAKH

FACULTY HIGHLIGHTS

1

Established a research lab named "Mathematics, Analytics and Computing Entity (MA-CoE)," (<http://math-analytics.org>) where we conduct theoretical and experimental research towards making robust decision-making tools to make in India.

2

Institutionalized a community outreach initiative, namely, nurture, which aims to inculcate the habit of nurturing Mathematics at various levels. We conduct multiple workshops at the national level, demonstrating a unique pedagogical learning ecosystem. (<https://nurture1729.in/>).

TOP PUBLICATIONS

**A note on the sum of cubic residues with even and odd index,** *Indian Journal of Pure and Applied Mathematics*, 2023.

**On the inverse of a bad primitive root,** *The American Mathematical Monthly*

**A prime primitive root  $p$  of  $2p + 1$  is a Sophie Germain prime,** *The American Mathematical Monthly*, 2022; 129(6): 538.

**A robust numerical algorithm on harmonic mesh for parabolic singularly perturbed convection-diffusion problems with time delay,** *Numerical Algorithms*, 2022; 91(2): 615–634.

TOTAL INDUSTRY  
EXPERIENCE  
IN YEARS

05

TOTAL TEACHING  
AND RESEARCH  
EXPERIENCE IN YEARS

16

BOOKS

0

BOOK  
CHAPTERS

01

JOURNAL  
ARTICLES

29



Assistant Professor

HIGHEST DEGREE

Ph.D. in  
Mathematics in 2009  
Bharathiar University

## DR. BARANI BALAN N.

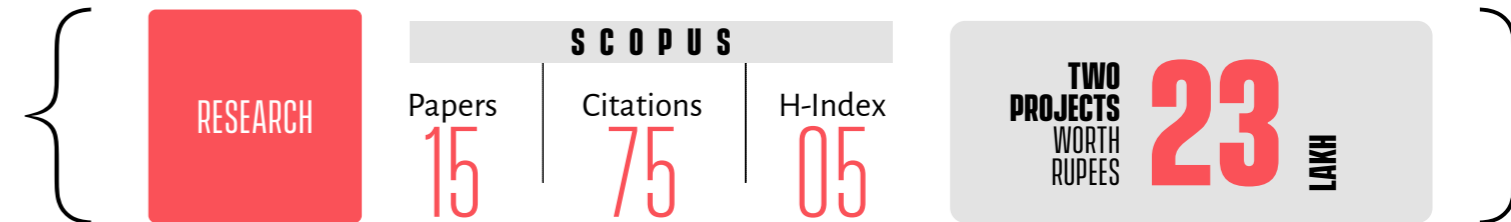
**D**r Barani Balan graduated with M.Sc., M.Phil. in Mathematics from Bharathiar University (BU) and under graduation from Periyar University, Salem. He received his PhD (Mathematics) from BU, Coimbatore. Initially he worked as guest faculty for few years in his parent institution. After which, he entered Central University of Tamil Nadu for a temporary position, in a year he was selected for the permanent faculty position in the same Institution.

His research work is based on Partial Differential Equations and its applications to Control and Inverse Problems which is a highly substantial field in Mathematics. He has a consistent growth in his research which depicts through his projects and papers.

He share his ideas with other esteemed researchers and perform collaborative research in various fields both within and outside India. He

has conducted workshops and conferences in our University in association with other central and state Institutions.

His flexibility supports him in classroom, where there are many different personalities and learning styles. His experience with eminent teachers has given him the perspective to present quality teaching and has strengthened his potentiality. He takes the responsibilities given to him effectively and executes the best. He strongly believes that integrity lies in being true to one's self. ●



### FACULTY HIGHLIGHTS

1

He has successfully completed two projects worth of Rs. 23 lakhs sponsored by National Board for Higher Mathematics (NBHM) and Science and Engineering Research Board (SERB) during the year 2018.

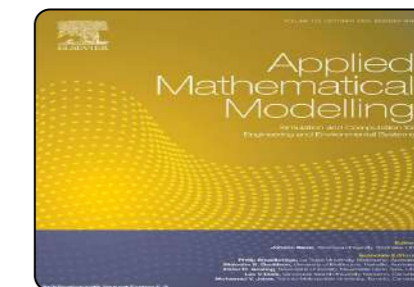


2 He was awarded travel grants from NBHM to attend ICIAM 2015 (Rs. 2Lakhs) and ICIAM 2019 (Rs. 2.05Lakhs) in China and Spain, respectively.

3



He has organized a series of conferences named CIP (Control and Inverse problems) for the years 2016 (funded by NBHM, Rs. 2.2Lakhs), 2019 (funded by SERB, Rs. 1.5Lakhs), and 2022 (funded by CUTN) in association with Central University of Kerala and Periyar University, Salem.



4 He owns 21 high-quality articles published in high-impact journals.

5

Further he serves as a reviewer for American Mathematical Society (AMS) Mathematical Reviews, USA since 2013 and serves as a referee to journals in his area of research.

### TOP PUBLICATIONS

**Simultaneous identification of parameters and initial datum of reaction-diffusion system by optimization method.** *Applied Mathematical Modelling*, 2013; 37: 8251-8263.

**Identification of two time independent coefficients in a nonlinear phase field system.** *Journal of Optimization Theory and Applications*, 2014; 160: 992-1008.

**Weak-renormalized solutions for three species competition model in ecology.** *International Journal of Bio-Mathematics*, 2014; 7: 1450062.

**Lipschitz stability of an inverse problem for the kawahara equation with damping.** *AIMS Mathematics*, 2020; 5: 4529-4545.

**Inverse source problem for the generalized korteweg-de vries equation.** *Journal of Inverse and Ill-Posed Problems*, 2021; 29: 823-848.

RESEARCH

RESEARCH AREAS  
Inverse Problems, Control Theory,  
Partial Differential Equations

GOOGLE SCHOLAR

Citations 101 | H-Index 06 | i10index 03

TOTAL INDUSTRY EXPERIENCE IN YEARS 0

TOTAL TEACHING AND RESEARCH EXPERIENCE IN YEARS 14

BOOKS 0

BOOK CHAPTERS 0

JOURNAL ARTICLES 21



Assistant Professor

HIGHEST DEGREE

Ph.D. in  
Mathematics in 2013  
NIT Hamirpur  
(Himachal Pradesh)

## DR. VIRENDRA KUMAR

**D**r Virendra Kumar joined the Central University of Tamil Nadu in Thiruvarur in 2016. Dr Virendra Kumar received his Ph.D. degree in Mathematics from NIT Hamirpur (Himachal Pradesh), and has undergone post-doctoral research trainings at institutions like JNCASR Bengaluru and IIT Roorkee.

Dr Kumar's current research interests involve intricate dynamics of convective flows, showcasing a commitment to scientific rigor and precision. More precisely, his work revolves around the modeling and solution of convective flows, especially in the context of active swimming particles. He is also interested in

extending his research domain, with a specific emphasis on understanding the dynamics of Turing patterns in the context of algal and bacterial convection. ●

**RESEARCH AREAS**  
Biosystem Modeling, Fluid Mechanics,  
Porous Media

GOOGLE SCHOLAR

Citations **80** | H-Index **05** | i10index **03**

**RESEARCH**

Papers **11** | Citations **74** | H-Index **05**

SCOPUS

### FACULTY HIGHLIGHTS

1

Dr Virendra Kumar has acted as Reviewer for several journals of repute. He was also awarded the NBHM Post-doc fellowship and is member of various professional societies.



TOTAL INDUSTRY EXPERIENCE IN YEARS **0** | TOTAL TEACHING AND RESEARCH EXPERIENCE IN YEARS **10** | BOOKS **0** | BOOK CHAPTERS **04** | JOURNAL ARTICLES **09**

### TOP PUBLICATIONS

**The effect of high-frequency vertical vibration in a suspension of gyrotactic microorganisms.**  
*Mechanics Research Communications*, 2012; 44: 40–46.

**Instability analysis of gyrotactic microorganisms: A combined effect of high-frequency vertical vibration and porous media.**  
*Transport In Porous Media*, 2014; 102: 153–165.

**Vertically oscillated gyrotactic bio-thermal convection in a porous media.** *Forces in Mechanics*, 2022; 9: 100136.

**An overstability analysis of vertically vibrated suspension of active swimmers subjected to thermal stratification.** *SN Applied Sciences*, 2021; 3: 612.



Assistant Professor

HIGHEST DEGREE

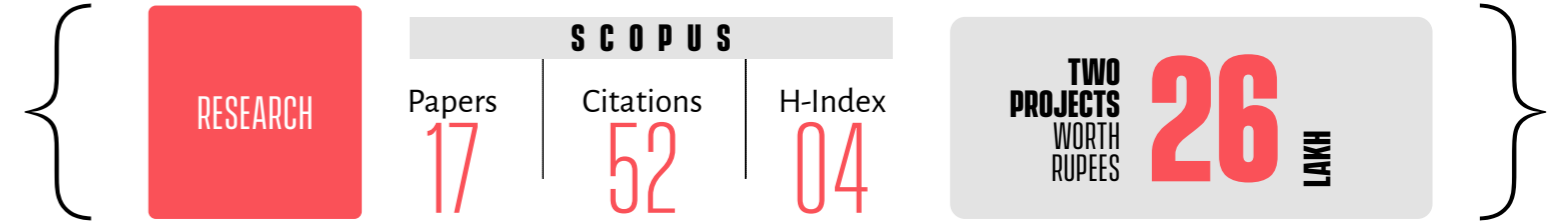
Ph.D. in  
Mathematics in 2011  
SASTRA University

## DR. KAVASKAR T.

Dr Kavaskar is an Assistant Professor in the Department of Mathematics at the Central University of Tamil Nadu. His research areas are coloring of graphs and the graphs obtained from various algebraic structures, like rings, posets, groups, etc.

He has solved many problems in graph col-

oring, namely b-coloring, fall coloring, partial Grundy coloring etc. •



### FACULTY HIGHLIGHTS

1

Received UGC-BSR Start up grant.

2

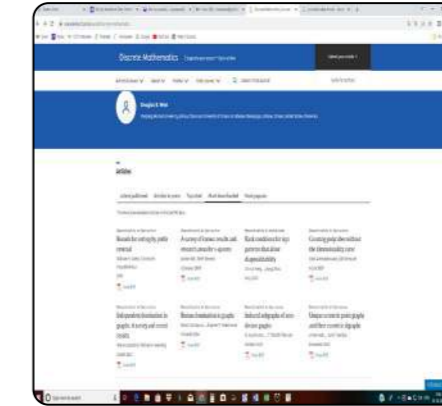
Our paper entitled “ Induced sub-graphs of zero-divisor graphs” has been in the most downloaded in the Discrete Mathematics.

3

Received Post-Doctoral Fellowship at National Taiwan University, Taiwan.

4

Received Dr DS Kothari UGC-Postdoctoral Fellowship .



5

Received DST-Fast Track young scientist award (SERB).

### TOP PUBLICATIONS

**Color chain of a graph**, *Graphs and Combinatorics*, 2011; 27 (4): 487-493.

**B-coloring of kneser graphs**, *Discrete Applied Mathematics*, 2012; 160: 9-14.

**Interpolation theorem for partial grundy coloring**, *Discrete Mathematics*, 2013; 313: 949-950.

**Beck's coloring of finite product of commutative ring with unity**, *Graphs Combinatorics*, 2022; 38: 1-9.

**Induced subgraphs of zero-divisor graphs**, *Discrete Mathematics*, 2023; 346: 113580.



### RESEARCH AREAS

Graph Theory and Algebra

### GOOGLE SCHOLAR





Assistant Professor

HIGHEST DEGREE

Ph.D. in Mathematics in 2014  
Indian Institute of Technology Madras

## DR. BHARANEDHAR S. V.

Dr Bharanedhar is currently an Assistant Professor in the Department of Mathematics, Central University of Tamil Nadu, Thiruvavur from February 2019 onwards. His research interests are complex analysis and graph theory, in particular, harmonic mappings and algebraic graph theory. He received his PhD from the IIT Madras in 2014.

He was a Visiting Scientist at the ISI Chennai Centre from August 2013 to July 2014. From October 2014 to March 2015, he has worked as an Assistant Professor in the Department of Mathematics, Kalasalingam University, Krishnankoil. From April 2015 to March 2016 he was an NBHM Post-Doctoral Fellow at the n-CARD-MATH Kalasalingam University, Krishnankoil.

He has worked as an Assistant Professor in the Department of Mathematics, Mepco Schlenk Engineering College, Sivakasi from July 2016 to January 2017.

He was an Assistant Professor in the Department of Mathematics, Alagappa Chettiar Government College of Engineering and Technology, Karaikudi from May 2017 to January 2019. He has published seven papers in international journals. He has supervised 12 MSc projects. Currently, one candidate is pursuing a PhD programme under his supervision..

RESEARCH AREAS  
Graph Theory and Complex Analysis

RESEARCH

GOOGLE SCHOLAR

Citations 57 | H-Index 03 | i10index 02

RESEARCH

Papers 06

SCOPUS

Citations 33

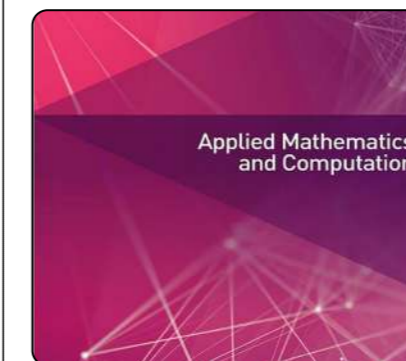
H-Index 03

FACULTY HIGHLIGHTS

1

He was selected for the NBHM Ph.D scholarship for the academic year 2008-2009.

3



He has published a paper in the Journal Applied Mathematics and Computation in 2023 whose impact factor is 4.

4

He has published 7 articles in international journals of high reputation.

5

He served as a Visiting Scientist at Indian Statistical Institute (ISI) Chennai Centre from August 2013 to July 2014.

TOP PUBLICATIONS

Remarks on the univalence criterion of pascu and pascu, *Bulletin of the Australian Mathematical Society*, 2014; 89(2): 210-216.

One parameter family of univalent biharmonic mappings, *Taiwanese Journal of Mathematics*, 2014; 8(4): 1151-1169.

Coefficient conditions for harmonic univalent mappings and hypergeometric mappings, *Rocky Mountain Journal Mathematics*, 2014; 44(3): 753-777.

On the products of group vertex magic graphs, *AKCE International Journal of Graphs and Combinatorics*, 2022; 19(3): 268-275.

TOTAL INDUSTRY EXPERIENCE IN YEARS 0

TOTAL TEACHING AND RESEARCH EXPERIENCE IN YEARS 15

BOOKS 0

BOOK CHAPTERS 0

JOURNAL ARTICLES 07

SCHOOL OF MATHEMATICS AND  
COMPUTER SCIENCES



# DEPARTMENT OF STATISTICS AND APPLIED MATHEMATICS



**Dr. Sakate Deepak Mahadeo**  
Associate Professor & Head



**Dr. Vijayalakshmi C.**  
Associate Professor



**Dr. Kokila J.**  
Assistant Professor



**Dr. Narsimhulu Dunna**  
Assistant Professor



**Dr. Bhabani Shankar Mohanty**  
Assistant Professor



**Dr. M. Manoprabha**  
Assistant Professor



Associate Professor

HIGHEST DEGREE

Ph.D. in Statistics in 2014 Shivaji University, Kolhapur

## DR. SAKATE DEEPAK MAHADEO

**D**r Deepak M Sakate is a statistician with interest to develop statistical methods for identifying necessary predictors for responses considered in a variety of fields of research. He is the principal investigator of a study on development of variable selection procedures in zero and multiple inflated models for count data. He is also interested in non-parametric tests for location, scale and location-scale problems based on the ranked set sampling scheme

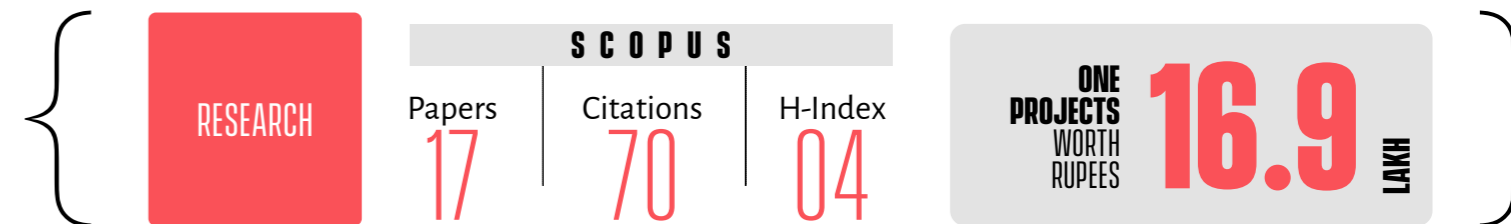
He is actively engaged in developing methods for analyzing high-dimensional data. His abilities to design and undertake interdisciplinary studies in collaboration with scientists from other fields are evidenced by the range of studies where he is involved. He is an expert in data analysis using the R software. Dr Sakate is an Associate Professor and Head of the Department of Statistics and Applied Mathematics at the Central University of Tamil Nadu from

2019 onwards. Previously, he was an Assistant Professor in Department of Statistics, Shivaji University Kolhapur (2010-19). He started his career as an Assistant Professor in the Department of Statistics, KBCNMU, Jalgaon (2009-10). He did his Bachelor's, Master's and Doctorate degree programmes in Statistics from the Shivaji University in Kolhapur. He qualified CSIR NET conducted in 2008 while pursuing his MSc programme. He has also qualified ISS (2008, UPSC) and was offered a position of JTS officer (GROUP A) in Central Civil Services of the Government of India. He has visited the US as an Exchange Visitor for postdoctoral research at the Department of Biostatistics and Epidemiology, Augusta University, Augusta, Georgia, USA (2015-16). He was actively involved in clinical studies related to dementia and obesity in American children. Dr Sakate is a life member of the ISPS, IISA and SUSTA. ●

RESEARCH AREAS  
Statistical Modeling and Inference

GOOGLE SCHOLAR

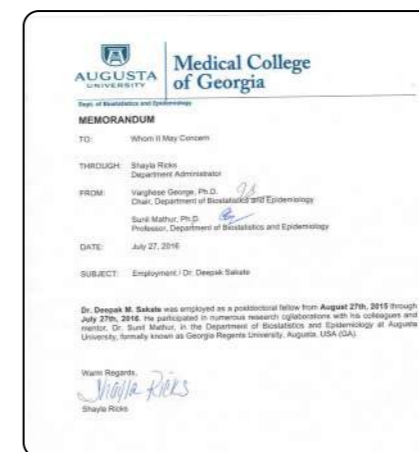
Citations 91 | H-Index 05 | i10index 02



### FACULTY HIGHLIGHTS

1

Postdoctoral Fellow at the Department of Biostatistics and Epidemiology, Augusta University, Augusta, USA (2015-16)



### TOP PUBLICATIONS

**Variable selection via penalized minimum - divergence estimation in generalized linear models with binary data**, *Journal of Applied Statistics*, 2013; 41 (6): 1233-1246.

**A deviance-based criterion for model selection in GLM**, *Statistics: A Journal of Theoretical and Applied Statistics*, 2014; 48 (1): 34-48.

**Gram bean extract-mediated synthesis of Fe<sub>3</sub>O<sub>4</sub> nanoparticles for tuning the magneto-structural properties that influence the hyperthermia performance**. *Journal of the Taiwan Institute of Chemical Engineers*, 2019; 95: 357-368.

**Efficient extraction of cucurbitacins from diplocyclos palmatus (L.) C. Jeffrey: optimization using response surface methodology, extraction methods and study of some important bioactivities**. *Scientific Reports*, 2020; 10(1): 1-12.

TOTAL INDUSTRY EXPERIENCE IN YEARS 0 | TOTAL TEACHING AND RESEARCH EXPERIENCE IN YEARS 13 | BOOKS 0 | BOOK CHAPTERS 02 | JOURNAL ARTICLES 18



Associate Professor

HIGHEST DEGREE

Ph.D. in Statistics in 2008 Manonmaniam Sundaranar University, Tirunelveli

## DR. VIJAYALAKSHMI C.

Dr Vijayalakshmi is presently working as an Associate Professor in the Department of Statistics and Applied Mathematics, Central University of Tamil Nadu, Thiruvavur. Her teaching milestone records the successful completion of 21 years of service in teaching and two years in industry. She has completed her Ph.D. in Statistics (2008) from the Manonmaniam Sundaranar University.

She has supervised 15 scholars for the award of PhD degree. Her research areas include optimization algorithms, stochastic, statistical models, data analytics, machine learning and deep learning. She has published 124 research articles in reputed high-impact journals and 14 book chapters, 77 papers in conference proceedings. She has 337 Google Scholar citations with an h-index of 9 and an i10-index of 8. She has published five each of patents and monographs thus far.

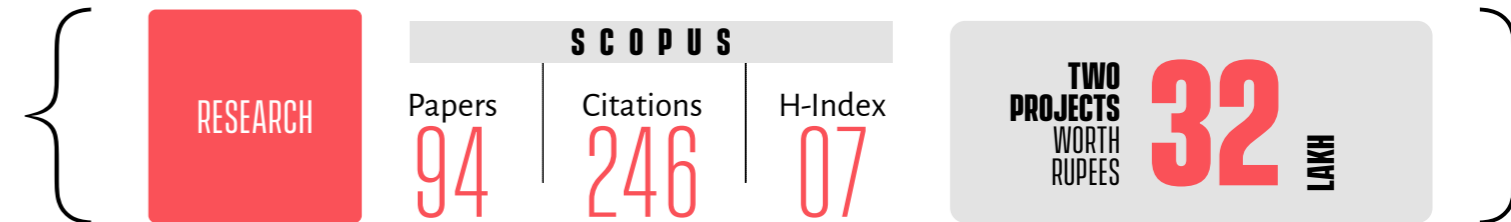
Vijayalakshmi's credentials include the completion of a project in 'BRFST' for Rs. 30 lakhs, and is a recipient of the Seed Fund worth Rs. 3 lakhs. She has delivered several invited talks and lectures at the international and national levels. She is a member in various Boards of Studies, and doctoral committees, and has also acted as a PhD viva-voce examiner in various universities and colleges. She has organized about 90 events that includes, seminars, symposia, workshops and conferences both at the national and international levels. She is the life member of the Indian Society for Probability and Statistics (ISPS) and is an Academic Council Member at the Vellore Institute of Technology, Bhopal (2014-20).

### RESEARCH AREAS

Optimization Algorithms, Stochastic and Statistical Models, Data Analytics, Machine Learning and Deep Learning

### GOOGLE SCHOLAR

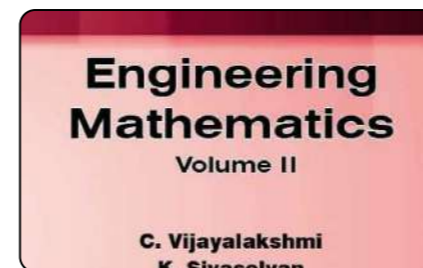
Citations 342 | Index 09 | i10index 09



### FACULTY HIGHLIGHTS

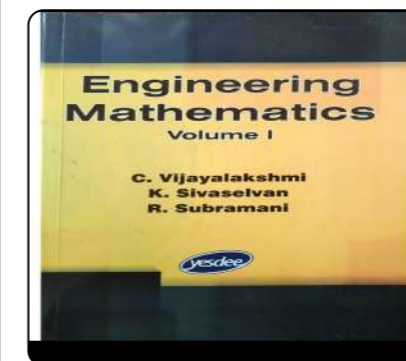
1

Books : Engineering Mathematics, volume I & volume II, Editors: C.Vijayalakshmi, K.Sivaselvan and R.Subramani by Yesdee Publishers.



2 Mentor for CSIR Summer Research Training Programme, NEIST, Jorhat, 2020.

3



Encouragement prize for two Research projects and acted as mentor in the research idea contest organized by Indo Korea Science and Technology Centre with Christ University -PRISM 2022-2023.

4



First prize in innovation titled Emotion Extraction through Art using Deep Learning for Autism Children organized by MHRD-ICC, CUTN ON 2022.

5

Design of Admission Chat Support App using Artificial Intelligence (AI) by Mr Prabhakar Nimmagadda and Dr C Vijayalakshmi.

### TOP PUBLICATIONS

An experimental study probing moisture kinetics and indices of microwave dried fecal sludge with an insight on real world applications, separation science and technology, Taylor and Francis, LLC, 2022; 1(1):1-15.

What do consumers think about recycling human urine as fertilizer? Perceptions and attitudes of a university community in South India. Water Research, 527-538.

Design of a mixed integer linear programming model for optimization of supply chain of a single product with disruption scenario. Sustainable Intelligent computing and optimization for sustainable development, 2022; 1(1): 357-368.

Is the pandemic masking waste management? – A review on fall out of the COVID-19 viral contagion(2023), Green Chemistry Letters and Reviews, 2023; 16(1): 1-26, 2164224.



RESEARCH

Papers 11 | Citations 282 | H-Index 08

SCOPUS

ONE PROJECTS WORTH RUPEES 10 LAKH



Assistant Professor

HIGHEST DEGREE

Ph.D. in Mathematics in 2013 Bharathiar University

## DR. KOKILA J.

Dr Kokila Jayakumar received her PhD degree in 2013, and is currently serving as an Assistant Professor in the Department of Statistics and Applied Mathematics at the Central University of Tamil Nadu, from 2019. Her PhD research under the guidance of Prof K Balachandran, Bharathiar University, Coimbatore, was mainly based on fractional differential equations and its controllability results.

She pursued her research in 2017 via the Women Post Doctoral Fellowship for the break-in career offered by the Indian Institute of Technology (IIT) Madras on Ill-posed problems of fractional heat equations under the supervision of Prof M Thamban Nair.

Further, she got the NBHM Post-Doctoral Fellowship sponsored by the DAE, New Delhi, India, hosted by the Indian Institute of Technology, Palakkad. Kokila's research focuses on the following streams: Fractional control problems,

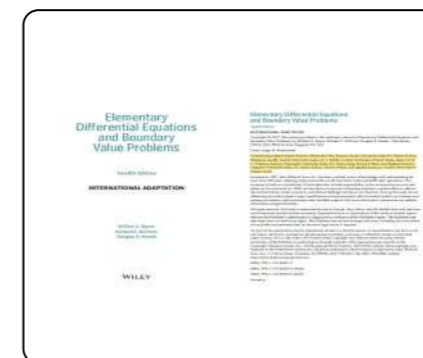
regularization on fractional backward parabolic equations, fractional modeling in chemical reactions, and drug diffusion analysis on pharmacokinetics. ●

### FACULTY HIGHLIGHTS

1

Dr. Kokila Jayakumar's research focuses on the following streams: Fractional Control Problems, Regularization on fractional Backward Parabolic Equations, Fractional Modeling in Chemical reactions, Drug diffusion analysis on Pharmacokinetics. .

3



She was awarded with the UGC BSR Research Start-Up Grant of 10 Lakh in November 2021.

4

Her recent contribution is the fractional modeling of chemical reaction networks, especially, Michaelis Menten Kinetics and their optimal control study.

5

She has developed content for the International Adaptation of the book *Elementary Differential Equations and Boundary Value Problems*, 12e.

2

To her credit, she has published 11 research articles in reputed journals with 329 citations

### TOP PUBLICATIONS

**Relative controllability of fractional dynamical systems with time-varying delays in control.** *Communications in Nonlinear Science and Numerical Simulation*, 2012; 17: 3508-3520.

**Constrained controllability of fractional dynamical systems.** *Numerical Functional Analysis and Optimization*, 2013; 34: 1187-1205.

**Fourier truncation method for the non homogeneous time fractional backward heat conduction problem.** *Inverse Problems in Science and Engineering*, 2020; 28: 402-426.

**Modified quasi boundary value method for multi-dimensional fractional non homogeneous fractional diffusion problem.** *Mathematical Methods in the Applied Sciences*, 2021; 44: 8363-8378.

RESEARCH

RESEARCH AREAS  
Fractional Control Problems, Fractional Inverse problems, Fractional Modelling

GOOGLE SCHOLAR

Citations 329 | H-Index 08 | i10index 08

TOTAL INDUSTRY EXPERIENCE IN YEARS 0

TOTAL TEACHING AND RESEARCH EXPERIENCE IN YEARS 07

BOOKS 01

BOOK CHAPTERS 0

JOURNAL ARTICLES 11



Assistant Professor

HIGHEST DEGREE

Ph.D. in Mathematics in 2018 BITS Pilani, Hyderabad

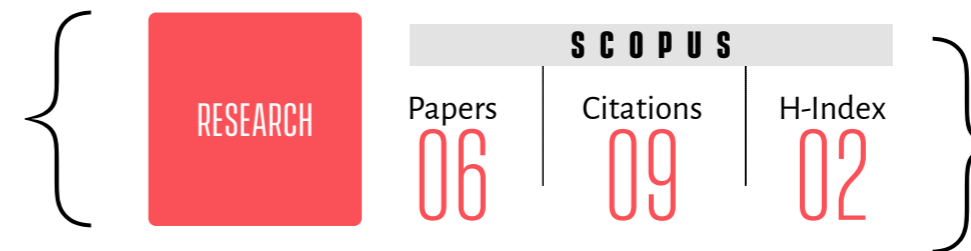
## DR. NARSIMHULU D.

Dr Narsimhulu received his BSc degree from Andhra University, a MSc degree from Pondicherry University, and a PhD from BITS Pilani, India. He is currently working as an Assistant Professor in the Department of Statistics and Applied Mathematics, Central University of Tamil Nadu.

His area of research specialization is in applied mathematics, nonlinear partial differential equations in applied problems of computational fluid dynamics, and mathematical modeling of biological systems using numerical and analytical techniques. He was a recipient of a gold medal at the PG level, and he has been the recipient of an INSPIRE Fellowship (IF 110071) by the DST, New Delhi, India, for his outstanding academic record to pursue a research career in mathematics.

Dr Narsimhulu has acquired a good amount of teaching experience at the UG as well as PG

levels. Prior to joining the Central University of Tamil Nadu, he has worked as a faculty at the NIT Andhra Pradesh and GITAM Hyderabad, and as a lecturer at Vandana Junior and Degree College, Hyderabad. Over the years, he has published several peer-reviewed conference proceedings, journal articles, and has also attended and participated in workshops, seminars, FDPs, FIPs, national and international conference presentations. He is also a life member of the IMS and IAENG Society. ●



### FACULTY HIGHLIGHTS

1

My research interest is in non-linear partial differential equations (PDEs) in problems with computational fluid dynamics applications.

The study of unsteady flows of compressible fluids behind sudden changes in the features of the medium, characterized by shock waves and the strong shock propagation associated with phenomena such as an explosions and implosions, is important in many fields of science and engineering. These flows are governed by hyperbolic nonlinear PDEs with moving boundary conditions and have no analytical solutions. Determining semi-analytical or numerical solution to this type of flow is of great interest and forms the underlying idea of my research.

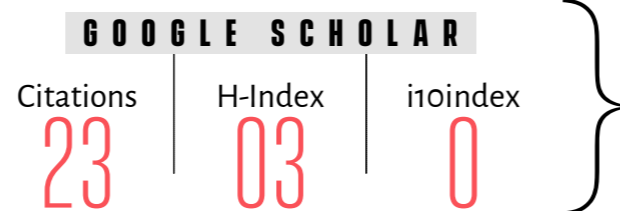
### TOP PUBLICATIONS

**Effect of viscosity on the spherical shock wave propagation in a dusty gas with radiation heat flux and exponentially varying density**, *4th International Conference on Frontiers in Industrial and Applied Mathematics, Springer Proceedings in Mathematics and Statistics. Frontiers in Industrial and Applied Mathematics*, 2023; 410: 369-381.

**Solutions for converging cylindrical and spherical shock waves in condensed matter equation of state, nonlinear studies**, *Cambridge Scientific Publishers*, 2020; 27(3): 673-692.

**Investigating the impact of viscosity on magnetohydrodynamic (MHD) shock waves in a mixture of non-ideal gas and fine solid particles**, *Journal of Mathematica in Engineering, Science, and Aerospace*, 14(4): 1021-1042.

**RESEARCH AREAS**  
Non-linear System of Hyperbolic Partial Differential Equations (PDEs), Group Theoretic Methods for PDEs, Magnetohydrodynamics, Nonlinear Gas Dynamics, Bio-Fluid Mechanics.



TOTAL INDUSTRY EXPERIENCE IN YEARS **0**

TOTAL TEACHING AND RESEARCH EXPERIENCE IN YEARS **11**

BOOKS **0**

BOOK CHAPTERS **01**

JOURNAL ARTICLES **08**



Assistant Professor

HIGHEST DEGREE

Ph.D. in  
Statistics in 2020  
Utkal University

## DR. BHABANI SHANKAR MOHANTY

**D**r Bhabani Shankar Mohanty is currently working as an Assistant Professor in the Department of Statistics and Applied Mathematics, School of Mathematics and Computer Sciences, Central University of Tamil Nadu, Tamil Nadu.

He has an MPhil and a Doctorate (PhD) in Statistics from the PG Department of Statistics, Utkal University, Bhubaneswar. He has completed a Master's Degree in Statistics from Utkal University, and has worked for a year as a Project-JRF at the IIT-Bhubaneswar. He has presented research papers at several national/international conferences in India and has published papers in indexed international journals of repute.

He has over 10 years of teaching and re-

search experience. His research interests are inventory control, fuzzy logic, optimization techniques, and sustainable supply chain. Dr Mohanty also has a command over analyzing high dimension data generated from different real-life phenomena. ●

RESEARCH AREAS  
Inventory Control

RESEARCH

GOOGLE SCHOLAR

Citations 38 | H-Index 03 | i10index 01

### FACULTY HIGHLIGHTS

1

Delivered a talk on *Use of Statistical tools in Academics & Business Research* at National e-Seminar, Research Forum – India on 8th July 2023.



2

Delivered a talk on *Applications of Statistics* as a Resource Person in A One Day Online National Seminar on Statistics organized by the Division of Mathematics, School of Advanced Sciences, Vellore Institute of Technology, Chennai on 25th July 2023.

3

He has presented five research papers in both national and international conferences and delivered four invited talks.

### TOP PUBLICATIONS

**Fuzzy inventory model with exponential demand and time-varying deterioration.**  
*Global Journal of Pure and Applied Mathematics*, 2016; 12(3): 2573-2589.

**Fuzzy inventory model for deteriorating items with exponentially decreasing demand under fuzzified cost and partial backlogging.**  
*International Journal of Mathematics Trends and Technology*, 2017; 51 (3): 182-189.

**Optimal replenishment strategy under combined criteria.**  
*International Journal of Scientific Research in Mathematical and Statistical Sciences*, 2018; 5 (4): 165-177.

**Optimal decision support mixture model with Weibull demand and deterioration.**  
*Revista Investigacion Operacional*, 2019; 40(4): 573-587.

TOTAL INDUSTRY EXPERIENCE IN YEARS

0

TOTAL TEACHING AND RESEARCH EXPERIENCE IN YEARS

07

BOOKS

0

BOOK CHAPTERS

01

JOURNAL ARTICLES

04



Assistant Professor

HIGHEST DEGREE

Ph.D. in  
Statistics in 2021  
Manonmaniam  
Sundaranar University,  
Tirunelveli

## DR. M. MANOPRABHA

**D**r Manoprabha is an Assistant Professor in the Department of Statistics and Applied Mathematics. She has completed a doctorate degree in Statistics at Manonmaniam Sundaranar University in 2021. Her area of research encompasses Markov Chain Modeling for Chronic Diseases. She completed her MSc and MPhil degrees in Statistics at the Manonmaniam Sundaranar University.

After completion of her PhD programme in 2021, she joined the Department of Statistics, Fatima College, Madurai as an Assistant Professor and worked until 2023. She continue her career as a Guest Lecturer in the Department of Statistics at the Government Arts and Science College, Sankarankovil, between January 2023

and June 2023. During her research career, she has published five papers in reputed journals, and has participated in many national and international conferences. ●

### FACULTY HIGHLIGHTS

1

Awardee of Dr M G Ramachandran Centenary Research Fellowship.

2

She has presented three research papers in both national and international conferences, and has actively participated in several training programmes.

### TOP PUBLICATIONS

**Multiple sequence alignment with hidden markov model for diabetic genome**, *Test Engineering and Mangement*, 2020; 1235-1242.

**Survival regression model for predicting chronic kidney disease**. *Annals of the Romanian Society for Cell Biology*, 2021; 25(4): 2153-2159.

**Markov chain modeling for immunological status of HIV patients. communications in Statistics: case studies**, *Data Analysis and Applications*, 2019; 5(2): 85-91.

**Comparison of datamining techniques for prediction of breast cancer**, *International Journal of Scientific and Technology Research*, 2019; 8(8): 1332-1337.

TOTAL INDUSTRY  
EXPERIENCE  
IN YEARS 0

TOTAL TEACHING  
AND RESEARCH  
EXPERIENCE IN YEARS 06

BOOKS 0

BOOK  
CHAPTERS 0

JOURNAL  
ARTICLES 05

**SCHOOL OF PERFORMING  
ARTS AND FINE ARTS**



**Dr. Premalatha V.**  
Professor & Head



**Mr. Ratheesh P. R.**  
Assistant Professor



**Dr. S. Seethalakshmi**  
Assistant Professor



**Dr. Udaya Kiran K. T.**  
Assistant Professor



**Dr. Dileep Kumar. V. R.**  
Assistant Professor

**DEPARTMENT  
OF MUSIC**

RESEARCH

FIVE PROJECTS WORTH RUPEES **16** LAKH



Professor

HIGHEST DEGREE

Ph.D. in Carnatic Music (Vocal) in 2002 University of Madras

## DR. PREMALATHA V.

Prof. V Premalatha is a postgraduate and Doctorate in Music with specialization in South Indian Classical Music-Vocal and Veena. Under the guidance of Prof N Ramanathan, she has been working in the area of Music manuscripts for about 27 years and had completed Research Projects awarded by Sangeet Natak Academy, New Delhi and UGC. She has authored two books, "Natyacudamani of Somanaraya" and "Talalakshanam of Acyutaraya", along with critical edition and translation, published by the National Mission for Manuscripts, Government of India, New Delhi.

She has also edited the Proceedings of the National Seminar conducted by the Department of Music as an e-book, titled, "Contribution of Trinity", published by CUTN. She has presented research papers at National and International Seminars and has published research articles in the Journals of Music. Yet another contribu-

tion of Premalatha is the preparation of textual materials and research reference materials for students of higher education institutions, which are available in the website, <http://musicresearchlibrary.net/omeka/>.

She had served at the University of Madras and Sri Venkateswara University, Tirupati, for about 10 years. She is a member of the Board of Studies, and an external expert for adjudication of PhD theses in 14 Indian Universities and member of editorial board for peer-reviewed music journals. Ten research scholars have completed research degrees under her guidance and five are pursuing their research work. She has contributed E-Content relating to Carnatic Music for E-pg Pathshala.

Prof. Premalatha has been conferred with the Musicologist Award by the Madras Music Academy, for 2022. ●

### FACULTY HIGHLIGHTS

1

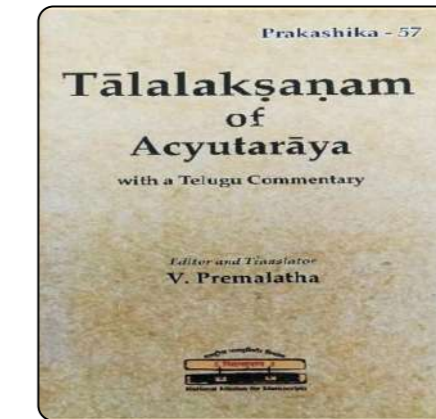
Awarded the prestigious Musicologist Award by the Madras Music Academy, Chennai in 2022 for her contribution towards research on Music.



2



Organised a Two day National Seminar on the Contribution of Trinity to Carnatic Music in 2018, in the first year of the establishment of the Department, which coincided with the 250th birth anniversary of Saint Thyagaraja. Proceedings of the Seminar published as a e-Book, by CUTN.



3 Has been researching on Music manuscripts (palm-leaf and paper) for three decades and brought out hitherto unknown information on ancient music to limelight. Two books and number of research articles have been edited from ancient Sanskrit and Telugu Manuscripts.

### TOP PUBLICATIONS

Research on music manuscripts by the scholars of 20th century, DHIMAHI, Chinmaya International Foundation, Ernakulam, 2021; 12: 29-42.

Telugu commentaries on Samskṛta musical treatise SASTRA, International Journal of the University of Silicon Andhra, CA, 2021.

An unknown work on Tala, Journal of the Indian Musicological Society, 2018-19; 154-160.

A note on the Manasollasa manuscript preserved at the Oriental Research Institute, Tirupati, SWAR BHARATI, Bharatiya Vidya Bhavan, New Delhi, 2019.

### RESEARCH AREAS

Music Research, Indian Knowledge System, Manuscript Studies, Historical Studies and Stylistic Analysis

### GOOGLE SCHOLAR

Citations 03 | H-Index 01 | i10index 0

RESEARCH



Assistant Professor

HIGHEST DEGREE

M.Phil. in  
Carnatic Music -Vocal in 2006  
Sree Sankaracharya University  
of Sanskrit

## MR. RATHEESH P. R.

**M**r Ratheesh started learning Carnatic Music at the age of six under Shri Parameswara Bhagavata and continued learning under the tutelage of Shri Chandramana Narayanan Namboothiri for ten years.

After being awarded with the CCRT Scholarship in Carnatic Music (vocal) from the Ministry of Culture, Government of India, he underwent advanced training from Sangita Kalacharya Shri Mangad K Natesan, since 2001. During his academic training he was blessed by eminent Gurus, Prof Mavelikara Prabhakara Varma and Prof Neyyattinkara Mohanachandran.

Ratheesh has successfully completed his UG (Music) with first rank from Sree Sankaracharya University of Sanskrit, Kalady, Kerala in 2000 and PG (Music) from the University of Calicut in 2003, He has an MPhil from Sree Sankaracharya University of Sanskrit, Kalady. Ratheesh is

a 'B High' graded artiste of the All India Radio and Doordarshan in both Carnatic and Light Music genres. He also has many voice tracks to his credit. Being qualified by UGC NET, he had worked as lecturer in the Department of Music at Sree Sankaracharya University of Sanskrit, Kalady, Kerala from 2007 to 2019.

He has been giving performances for the last 15 years at different Sabhas and temple festivals. Over the past 16 years, teaching has occupied a great deal of his attention. Ratheesh has devoted his time to impart knowledge and practice Carnatic music. He encourages his students by his strict adherence to the traditional aspects and also by different methods of teaching. Now he is working as Assistant Professor in the Department of Music, Central University of Tamil Nadu, Thiruvarur. ●

### FACULTY HIGHLIGHTS

1

Received scholarship in Carnatic Music (Vocal) sponsored by Centre for Cultural Resources and Training, New Delhi in 2001.

3

Awarded with B Grade in Light Music from All India Radio, Thrissur in 2000.

4

2 Awarded with B High Grade in Carnatic Vocal Music from All India Radio, Thrissur in 2008.

Conducted National Workshop on Dance and Music in the Department of Fine Arts, Alva's College, Vidyagiri, Moodbidri, Karnataka in 2011.



5 Conducted classes on *Vocal Exercises for Theatre Music* in the Children's Theatre Workshop organised by SIGN SENSEMBLE ARTS, Kerala.

### TOP PUBLICATIONS

**Advaitic thoughts reflected in the compositions of Sadasiva Brahmendra**, SAMAKALIKASANGEETHAM, 2018; 9(1): 133-136.

**T. Balasawati: A legendary legacy**, *Ayidha Ezhuthu, An International Journal of Tamil Studies*, 2019.

**A comparative analysis of selected compositions of Trinity in Raga Todi**, SAMAKALIKASANGEETHAM, 2019; 10(2): 87-92.

RESEARCH

FIVE PROJECTS WORTH RUPEES **16** LAKH



Assistant Professor

HIGHEST DEGREE

Ph.D. in Carnatic Music (Vocal) in 2002 University of Madras

## DR. S. SEETHALAKSHMI

**D**r Seethalakshmi has qualified her BCom, MCA, MMusic and MPhil degrees in first class, and has a doctoral degree in Music (with a UGC-NET in Music).

She is the grand daughter and disciple of the renowned Carnatic exponent Sangita Kalanidhi, Padma Bhushan Dr B Rajam Iyer. She had the opportunity to learn music from Dr Rajam Iyer through Gurukulavasa, and has provided vocal support for him in concerts. Besides, she has learnt music from many stalwarts of Carnatic Music. She has performed concerts both within India and abroad. She has served as a Music Teacher in Sivan Arts Academy, Chennai for 10 years and taught both theoretical and practical aspects of Music that has been well recognized at the institutional level for her performance. She is working as an Assistant Professor in the Department of Music, at the Central University of Tamil Nadu. She has presented several papers

in national conferences and lecture demonstrations both in India as well as overseas. She has completed the Pragya examination for Hindi language conducted by the Department of Official Language, Government of India in 2022. She has authored a book 'Amruta Gaana Manjari' published by Pranav Journals during may 2022. She has been selected in the editorial board of the UGC CARE-listed journal, Swar Sindhu and peer-reviewed journals - Pranav and Smrti. ●

FACULTY HIGHLIGHTS

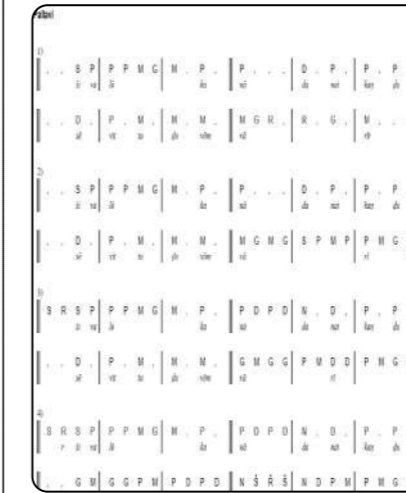
1

Specialised in Carnatic Vocal 2. Published a book on Amruta Gaana Manjari.



2 Completed Hindi Language Pragya Examination conducted by the Department of Official Language, Gol.

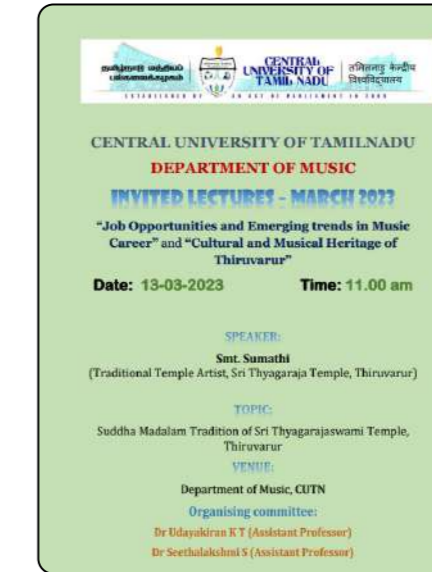
3



Expert in preparing notations in computerised form.

4

Conducted Departmental Seminars.



TOP PUBLICATIONS

**Inculcating and inspiring patriotism through music in people pre & post independence,** Sri Sathguru Sangeetha Vidyalayam, College of Music & Research Centre, 2022; 42-46.

**A study on ragas Bhoopalam, Bowli and Revagupti,** Sangeet Galaxy, 2022;11(2): 82-93.

**Emerging technologies and music education,** Swar Sindhu, 2021; 9(1).

**Shiva Shakti – Universal perspective in music,** AnhadLok, 2020.

RESEARCH AREAS

Music Research, Indian Knowledge System, Manuscript Studies, Historical Studies and Stylistic Analysis

GOOGLE SCHOLAR

Citations 03 | H-Index 01 | i10index 0

RESEARCH





Assistant Professor

HIGHEST DEGREE

Ph.D. in  
Carnatic classical music  
in 2012  
University of Mysore

## DR. UDAYA KIRAN K. T.

**D**r Udaya Kiran graduated as the gold medalist with his Masters in Music from the University of Mysore. He has excelled in Carnatic classical vocals and violin with the prestigious certification from the All India Radio and Doordarshan.

His remarkable contribution to Carnatic music has been recognized beyond countable occasions. The never-ending list of his awards begin with the 'BALA' Artist Appreciation Award, Best Main singer-Carnatic classical vocal and merit prize, Gayana Samaja-Bangalore.

Best Accompanist Violin-Ananya Bangalore, 'Louis Braille Award-2015' from 'Vikala Vikasa Parishat'. He has composed various fusions and ensembles as well. He has also accompanied for concerts and albums of eminent artists on Violin and Keyboard. He has performed Carnatic classical vocal concert at Sri Maha Vallaba Ganesha Temple, Flushing, New York USA, Fusion

Concert at Rome, Italy, and Carnatic classical Vocal concert at Anjaneya Temple-London, the UK. He has also appeared in several leading TV channels and programs including Kannadada Kotyadipathi. Dr. Uday, apart from being an incredible performer is also an exceptional academician. He has conducted workshops and presented lecture demonstrations on topics such as Improvisation in Carnatic Classical Music, Ragam-Thanam-Pallavi in Carnatic Classical Music, Fusion Music, Intricate Concepts of Indian and Western Music. ●

### FACULTY HIGHLIGHTS



Multi-specialisation in Music with traditional training in Carnatic Classical Vocal and violin for more than a decade. Professional Carnatic classical keyboard artist.

### TOP PUBLICATIONS

**Ragas and scales as parallel concepts in Carnatic classical and Western classical Music- Pranava, 2022; 1 (2): 1-5.**

**Assistive technology in higher education, SAGE Publications, 2021.**

**Forming advance practice exercises in Carnatic classical music. Swar Sindhu, 2021; 9(1): 163-170.**

**Finding rhythmic aspects in Carnatic classical compositions, Journal of Modern Thamizh Research, 2021.**



### RESEARCH AREAS

Carnatic Classical Music Concert, Improvisation, Mathematics in Music, Music and Technology and Assistive Technology

### GOOGLE SCHOLAR

Citations **03** | H-Index **01** | i10index **0**

TOTAL INDUSTRY EXPERIENCE IN YEARS

**23**

TOTAL TEACHING AND RESEARCH EXPERIENCE IN YEARS

**18**

BOOKS

**0**

BOOK CHAPTERS

**01**

JOURNAL ARTICLES

**06**



Assistant Professor

HIGHEST DEGREE

Ph.D. in  
Carnatic (Vocal) in 2014  
Kannur University

## DR. DILEEP KUMAR. V. R.

**D**r Dileep Kumar started learning music at the age of seven under the tutelage of KM Krishnan Nambudiri. Along with academic studies, he continued learning music under the able guidance of Mangad K Natesan, the former top-grade staff artiste of the All India Radio. He received his MA and PhD degrees in Music from Kannur University, Kerala.

His specialization is Carnatic vocal. His research area is Music and Philosophy. Dileep Kumar has served nearly eight years as a contract teacher in various universities in Kerala before joining in the Department of Music at the Central University of Tamil Nadu in 2020. He is an A Grade Artiste of the All India Radio

and Doordarshan for the past 29 years. As an academician, he has participated and conducted lecture demonstrations on different aspects of vocal music in various universities across India. He has performed extensively both within India as well as abroad. ●

### FACULTY HIGHLIGHTS

1

Regular Performer in National Programme of Music in All India Radio and Doordarsan.



2



Indian Council for Cultural Relations (ICCR) Empaneled Artiste (Carnatic Vocal).



3  
A Grade Artiste of the All India Radio and Doordarshan Kerala Kalamandalam Award by the Government of Kerala (Carnatic Vocal) 2022.

### TOP PUBLICATIONS

**Tyagaraja and his Concept on Mind**, *Samakalika Sangeetham*, 2011; 119.

**Tyagaraja Krithikalile Sangeetha Sahithya Swaroopam**, *Samakalika Sangeetham*, 2011; 145.

**Style and Contributions of Ramanathapuram Srinivasa Iyer**, *Post trinity Composers of Karnatic Music*, Akansha Publishing House, 2019; 100.

# SCHOOL OF SOCIAL SCIENCES AND HUMANITIES



**Dr. Rajagopal N.**  
Professor & Head



**Dr. Damodaran K.**  
Associate Professor



**Dr. Balamurugan P.**  
Assistant Professor



**Dr. Sumalatha B. S. (On Lien)**  
Assistant Professor



**Dr. Balaji B.**  
Assistant Professor



**Dr. Venkatachalapathy T. K.**  
Assistant Professor



**Dr. Kappa Kondal**  
Assistant Professor



**Dr. Kuldeep Singh Nagi**  
Assistant Professor

# DEPARTMENT OF ECONOMICS



Professor

HIGHEST DEGREE

Ph.D. in Economics in 2007  
Gandhigram Rural Institute

## DR. RAJAGOPAL N.

Prof Rajagopal belongs to the Department of Economics at the Central University of Tamil Nadu, Tamil Nadu. He has over 24 years of teaching and research experience. He is a recipient of the Post-Doctoral Fellowship (PDF) Award from the Indian Council of Social Science Research (ICSSR), New Delhi. He published more than 40 articles in reputed journals that are included in the Scopus database.

He consistently engages in research and publications. He has received several major research projects funded by the ICSSR and the National Commission for Women (NCW), New Delhi. Dr Rajagopal underwent his PhD research at the Gandhigram Rural University, Dindigul on a research area titled 'Health care utilisation'.

His research works are in the field of development studies viz., healthcare, financial inclu-

sion and self-help groups, tribal studies, etc. He has successfully supervised five PhDs and one MPhil scholar, and is currently supervising two doctoral candidates. He has 95 citations with a h-index of seven. ●



Papers  
11

SCOPUS

Citations  
15

H-Index  
02

TWO PROJECTS WORTH RUPEES

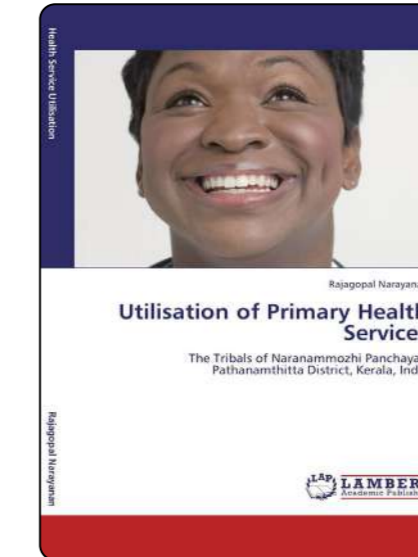
9.1 LAKH

### FACULTY HIGHLIGHTS

1

He has served as the University Proctor from 2017-21.

2 Dr Rajagopal has authored a book titled *Utilisation of Primary Health Services*, Lambert Academic Publishing, 2011.



### TOP PUBLICATIONS

**Transformational process of health care choice of poor in Kerala, *Journal of Health Management*, 2010; 12(2):123-135.**

**Tribal health care services— anecdotal evidence of 'health trap' in selected areas - A case study, *Journal of Health Management*, 2012; 14(1): 51-65.**

**Social impact of women SHGs: A study of NHGs of 'Kudumbashree' in Kerala, *Management and Labour Studies*, 2020; 45 (3): 317.**

**Healthcare expenditure and human development index as determinants of environmental quality: A panel study on selected asian countries. *Millennial Asia*. 2023.**



RESEARCH AREAS  
Healthcare, Financial Inclusion and Self Help Groups, Tribal Studies

GOOGLE SCHOLAR

Citations  
95

H-Index  
07

inoindex  
04

TOTAL INDUSTRY EXPERIENCE IN YEARS  
0

TOTAL TEACHING AND RESEARCH EXPERIENCE IN YEARS  
24

BOOKS  
01

BOOK CHAPTERS  
01

JOURNAL ARTICLES  
45



Associate Professor

HIGHEST DEGREE

Ph.D. in Economics in 2009 Annamalai University

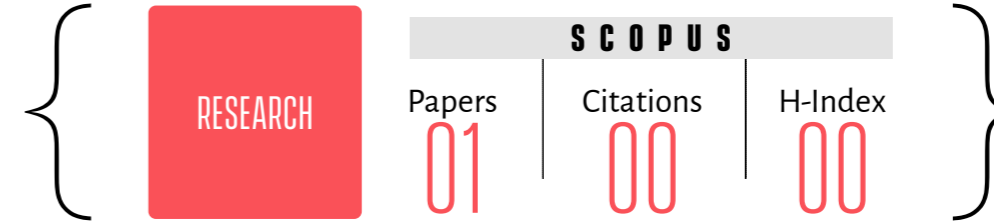
## DR. DAMODARAN K.

**D**r Damodaran is an Associate Professor in the Department of Economics, Central University of Tamil Nadu, Thiruvarur. He has completed his PG, MPhil, PhD, and MBA programmes at the Annamalai University, Chidambaram, and his research specialization is environmental economics.

He is a Gold Medalist in MA (Economics). He has received a Gold Medal (under Best Student category) in Economic Journalism from the Southern India Chamber of Commerce and India (SICCI) in 2005. Currently, he is supervising MA and PhD research students in Economics. He has delivered twelve special lectures in various colleges and universities. He has published 38 articles in national and international journals. He has published four centre page articles in the leading dailies (Dinamani and The Hindu

Tamil Thisai) of Tamil Nadu, and a one piece article in The Hindu Open Page. Dr Damodaran has published nine books that encompasses three reference books and six edited books. He has presented papers at various national and international conferences.

He is a life member of the Association of Economists of Tamil Nadu, and is a Decadal Member of the Indian Economists Association Trust. His research interests are agricultural economics, rural development, environmental economics and health economics. ●

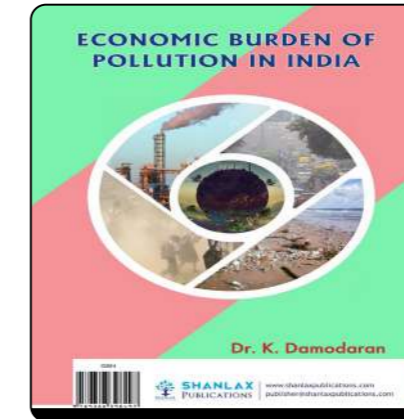


### FACULTY HIGHLIGHTS

1

He has published articles in Environmental Management, Sustainable Agriculture, Property Rights, Pollution, and Economic Burden.

2



He has Published Book that Analyses Economic Burden of Pollution in India.

3

Dr Damodaran has Published Centre Articles in National and Regional Dailies.



### TOP PUBLICATIONS

**Household water consumption pattern in Cuddalore district, Tamil Nadu.** *International Journal of Regulation and Governance*, 2011; 11(2): 113-128.

**Ostrom's governing principles for managing canal irrigation: A study in Madurai district, Tamil Nadu.** *International Journal of Water Resources and Environmental Management*, 2012; 3(2): 137-153.

**Collective action for managing common property resources in Cuddalore district, Tamil Nadu.** *International Journal of Research in Economics and Social Sciences*, 2014; 4(9): 1-8.

**Property rights and technology adoption for agricultural sustainability in Tamil Nadu.** *Indian Journal of Ecology*, 2021; 48(2): 458-465.



**RESEARCH AREAS**  
Environmental Economics and Rural Development

### GOOGLE SCHOLAR





Assistant Professor

HIGHEST DEGREE

Ph.D. in Agricultural Economics in 2008 Bharathidasan University

## DR. BALAMURUGAN P.

**D**r Balamurugan is an Assistant Professor in Economics at the Central University of Tamil Nadu. He has more-than 20 years of teaching and research experience. He has more-than 40 research publications. He is consistently engaged in research and publications. He was a Post-Doctoral Fellow at University Allahabad during 2008-09.

He received Rs. 49,000 as partial financial assistance for his PhD from Sunya Foundation, Ahmedabad in 2002. He did his under graduate and post graduate in economics at Arul Anandar College and American College respectively. He received his MPhil and PhD in Economics from Bharathidasan University. He did PG Diploma in Software Based Statistical Analysis in Annamalai University in 2006. Before joining at CUTN, he was a Research Associate at Lal Bahadur Shastri Institute of Management (LBSIM), New Delhi from June 2009 to October 2013. He has conducted research in various areas related to the development of the Indian economy. He

has authored more than 40 publications including journal articles and books of national and international reputed publishers. He has successfully guided PhD students and has supervised more than 20 PG students. For his academic credit, he has participated and presented papers in more than 50 national and international seminars. He has delivered lectures in many reputed academic institutions as a resource person. He has organized many seminars and conference. He has served as member in several administrative and academic committees. He has served as examiner to adjudicate thesis and he is the question paper setter to many reputed universities across the country. ●

**RESEARCH AREAS**  
Agriculture and Rural Development and Development Economics

RESEARCH

GOOGLE SCHOLAR

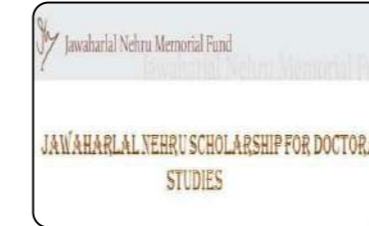
Citations 15 | H-Index 02 | i10index 0

FACULTY HIGHLIGHTS

1

He was the Finalist at the Canada International Development Research Centre (IDRC) India Social Science Research Award (ISSRA) Ceremony 2009.

2



He is a recipient of the Jawaharlal Nehru Scholarship for Doctoral Studies in India for 2004 and 2005.

3

He has served as a Sir Ratan Tata Trust Visiting Fellow at the Institute for Social and Economic Change (ISEC), Bangalore in 2009.

TOP PUBLICATIONS

**Growth Acceleration/deceleration in Indian spices economy, Agricultural Situation in India, 2022; LXXIX(09): 33-42.**

**The impact of FDI on domestic investment in India: A sector-wise analysis of crowd-in and crowd-out effect, Journal of Emerging Technologies and Innovative Research, 2022; 9(4): 127-142.**

**Revealed comparative advantage of Indian fruits : An analysis, Indian Journal of Economics, 2013; XIVC(373): 319-354.**

**Executive education in India, University News, 2013; 51(13): 6-12.**

TOTAL INDUSTRY EXPERIENCE IN YEARS 0

TOTAL TEACHING AND RESEARCH EXPERIENCE IN YEARS 20

BOOKS 04

BOOK CHAPTERS 09

JOURNAL ARTICLES 15



Assistant Professor

HIGHEST DEGREE

Ph.D. in Economics in 2013  
Pondicherry University

## DR. B. BALAJI

In a span of five years as an Assistant Professor at the Central University of Tamil Nadu, it was a pleasure teaching the subjects like Macroeconomics, Econometrics, Money and Banking, and Data Analysis for undergraduate and postgraduate students.

Dr Balaji's interest in teaching grew even more during his postdoctoral program at Pondicherry University, where he taught post-graduate students introductory econometrics for a couple of semesters. Further, on many occasions, he used to handle classes on Macroeconomics and Data Analytics for the students during regular class sessions. His stint in teaching and research has moulded him in handling courses for undergraduate and postgraduates, such as Macroeconomics, Econometrics, and Data Analysis and, Money and Banking. As an academician specializing in economics, his foremost objective is to provide his students with a solid foundational understanding of economics and how it relates to the real economic world. He practices eclectic teaching methods to allow

students to experience different teaching techniques that break the monotony. It also helps to connect life experiences to the concept or ideas we present. Therefore, creating a diversified learning environment for students will definitely make them feel confident and comfortable. Subsequently, students will actively participate in the learning process. ●

**RESEARCH AREAS**  
Macroeconomics, Econometrics, and Data Analysis and, Money and Banking

RESEARCH

FACULTY HIGHLIGHTS

1

Awarded K N Raj Training and Fellowship Programme (TIPE) held from February 20 to March 3, 2023. Centre for Development Studies, Campus, Thiruvananthapuram, Kerala.



2



Awarded Dr. S. Radhakrishnan Post-Doctoral Fellowship (PDF) for Humanities and Sciences by University Grants Commission (DSRPDF) from February 2015 to October 2017.

3

UGG-Post-Doctoral Fellow, Department of Economics, Pondicherry University, Puducherry. February 2015 to October – 2017.

TOP PUBLICATIONS

**Spillover effects of real and nominal uncertainties in India.** *Journal of Quantitative Economics*, 2018; 16: 143.

**The relationship between output uncertainty and economic growth: Evidence from India.** *Economics Bulletin*, 2017; 37(4), 2680-2691.

**The dynamics between inflation and inflation uncertainty: Evidence from India”** *Journal of Quantitative Economics*, 2016; 14(1): 1-14.

**Causal nexus between public health expenditure and economic growth in four southern Indian states,** *The IUP Journal of Public Finance*, 2011; IX (3): 7-22.

TOTAL INDUSTRY EXPERIENCE IN YEARS **0**

TOTAL TEACHING AND RESEARCH EXPERIENCE IN YEARS **07**

BOOKS **0**

BOOK CHAPTERS **01**

JOURNAL ARTICLES **04**



Assistant Professor

HIGHEST DEGREE

Ph.D. in Economics in 2015 University of Hyderabad

## DR. VENKATACHALAPATHY T. K.

**D**r Venkatachalapathy is an Assistant Professor in the Department of Economics at the School of Social Sciences and Humanities, Central University of Tamil Nadu, since March 2020. He received his PhD from the University of Hyderabad in 2015. He has an interest in teaching and research. He has gained a rich research experience from the National Institute for Rural Development and Panchayat Raj, Rajendra Nagar Hyderabad in the research area titled Primitive vulnerable tribal groups (PVTGs) index and from the University of Hyderabad.

He has served as a resident warden at the male hostel and as a guest faculty in the Department of Economics, Central University of Tamil Nadu in 2016. His prime research interest in microfinance, insurance and development studies. Earlier, he has also conducted research on poverty eradication and unemployment-based studies. He is also interested

in cashless economy, digital finance and health expenditure studies. His future research plan is sustainable development goals. He is supervising two PhD research students.

Apart from teaching and research, he is on the organizing committees of various programmes organized at the university. He conducts student's fortnight seminar and department lecture series.

He has coordinated the financial literacy training programme for school children in various adjoining villages. The lending library programme coordinated by Dr Venkatachalapathy is centered around augmenting the reading habits of school children. ●

RESEARCH AREAS

Micro Economics, International Trade, Development Economics, and Microfinance.

RESEARCH

FACULTY HIGHLIGHTS

1

SHGs related work has been done in my life. Though the SHGs observing time learned social issues and economic issues. This motivates the younger generation in particular at the village level. During this academic period, to facilitate training and other development activities to the village students. Hence, research on related fields with financial literacy training to the school children's and basic reading and communication purpose lending library coordination is my achievements.



TOP PUBLICATIONS

**Special perspective series on demonetization in India: The recent Indian demonetization and cash exclusion (part 2)-** *Institute for Money, Technology and Financial Inclusion*, 2017.

**The fragile SHG-bank lending linkage: Some empirical evidence for Tamil Nadu.** *The IUP Journal of Bank Management*, 2017; 16(2): 53-65.

**Does financial inclusion matter for poverty and unemployment? some evidence form Indian states.** *The Micro Finance Review*, 2018; 10(1):36-51.

**Women empowerment through micro credit: A case study of rural Khunti district of Jharkhand, India.** *Journal of Development and Management Studies*, 2018; 16(2): 7687-7704.

TOTAL INDUSTRY EXPERIENCE IN YEARS **0**

TOTAL TEACHING AND RESEARCH EXPERIENCE IN YEARS **03**

BOOKS **0**

BOOK CHAPTERS **01**

JOURNAL ARTICLES **04**





Assistant Professor

HIGHEST DEGREE

Ph.D. in Economics in 2016  
Osmania University

## DR. KAPPA KONDAL

Dr Kappa Kondal is an accomplished academician and researcher with a distinguished career in the field of Economics. He currently holds the position of Assistant Professor in the Department of Economics at the School of Social Sciences and Humanities, Central University of Tamil Nadu. He has held several teaching positions at various esteemed institutions. Notably, he has served as an Assistant Professor in the Department of Economics at the University of Allahabad, and as a visiting faculty at the Central University Andhra Pradesh. He has also served as a Guest Faculty position at Osmania University.

Dr Kondal's educational journey is marked by notable achievements. He completed his UGC-Post-Doctoral Fellow at the Department of Economics at Osmania University, Hyderabad, where he conducted groundbreaking research on the 'Measurement of economic efficiency of horticultural crops in Telangana state: An

econometric analysis'. Prior to this, he earned his PhD in Economics from the same institution, focusing on 'A study of trends in growth and structure of horticultural crops in Telangana state'. His commitment to academic excellence is evident through his repeated success in UGC/NTA NET. Dr Kondal has qualified the UGC-NET examination in Economics on four occasions and has also cleared the APSET.

Dr Kondal has made significant contributions to the field of Agricultural Economics. He has published numerous research articles in esteemed journals like The Indian Economic Journal, Journal of Public Affairs, Indian Journal of Agricultural Economics, Agricultural Situation in India, Anvesak, and Productivity, among many others. For his academic credentials, his citation is 171, with H and i10 indexes 5 and 4, respectively. ●

**RESEARCH AREAS**  
Agricultural Economics,  
International Economics and  
Environmental Economics

GOOGLE SCHOLAR

Citations 171 | H-Index 05 | i10index 04

### FACULTY HIGHLIGHTS

1

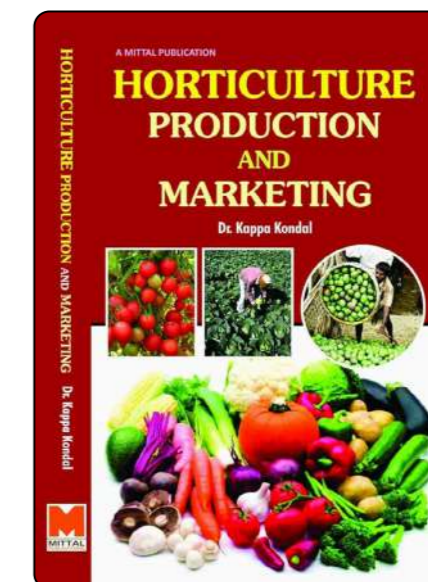
Coordinator for Three Day National Level Workshop on *Data Analysis Methods for Research in Social Sciences* in Department of Economics, Osmania University, Hyderabad on 25th -26th and 28th October 2021.

2

Coordinator for National Seminar on *Overview and Prospects of Indian Agriculture Sector* in Dept. of Economics, Osmania University, Hyderabad on 9th December 2022.

3

Acted as a Resource Person for Two Days National Seminar on *Internet of Things* on Indian Economy, Sponsored by ICSSR-New Delhi, organised by Department of Economics, Sri GVG Visalakshi College for Women (Autonomous), Udu-malpet, Tamil Nadu on 22nd December 2022.



4 Published a book *Horticulture Production and Marketing*, by Mittal Publication, New Delhi.

### TOP PUBLICATIONS

**Do the vegetable exports lead to economic growth? An empirical evidence in selected SAARC economies.** *Journal of Public Affairs*, 2020; 22(2): e2484.

**Does vegetables export cause economic growth in BRICS economies? A panel data approach.** *The Indian Economic Journal*, 2020; 1124-1142.

**Determinants of marketed surplus of tomatoes in Telangana state: A grassroots level study.** *Indian Journal of Agricultural Economics*, 2017; 72(3): 338-338.

**Impact of direct institutional credit on agricultural productivity in India: An empirical analysis.** *National Productivity Council of India, Ministry of Commerce and Industry*, 2017; 61(1): 82-89.



Assistant Professor

HIGHEST DEGREE

Ph.D. in Economics in 2022 Central University of Hyderabad

## DR. KULDEEP SINGH NAGI

Dr Kuldeep Singh Nagi is a distinguished academician, teacher, and researcher with a prominent career in the field of Economics, particularly in development economics. He presently serves as an Assistant Professor in the Department of Economics at the School of Social Sciences and Humanities, Central University of Tamil Nadu. His specialisation is mathematical methods for economics and microeconomics.

Previously, he has also held the position of Assistant Professor at the Department of Economics, GITAM (deemed to be University), Hyderabad, where he has actively contributed as a member of the BoS. Dr Nagi has worked as a research associate on a project titled 'Changing characteristics of manufacturing enterprises in the informal sector in India with a special focus on enterprises established by SCs/STs'. This collaborative endeavor between the Indian

Business School (IBS), Hyderabad, and the Institute of Development Studies, Jaipur, showcased his dedication to improved understanding of socio-economic dynamics. Dr Nagi's educational background includes a doctorate (PhD.) in Economics, specializing in the 'Economics of education and economics of discrimination'. Complementing this, he holds an MPhil and a Master's degree in Economics. His doctoral research concentrated on analyzing the 'Gender gap in educational performance among marginalized groups: A study of Andhra Pradesh and Telangana'. ●

RESEARCH AREAS  
Economics of Education and Economics of Discrimination

RESEARCH

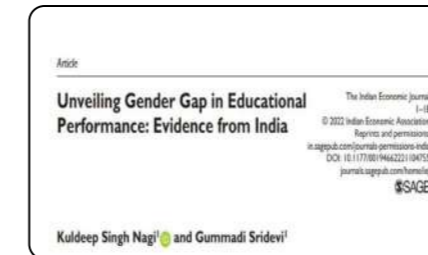
GOOGLE SCHOLAR

Citations 01 | H-Index 01 | i10index 0

FACULTY HIGHLIGHTS

1

He possesses a solid grasp of research design, along with hands-on experience in data collection, fieldwork, and data analysis.



2 His technical acumen encompasses proficiency in tools such as Stata, SPSS, and Microsoft Office Suite.

3

Dr Nagi has made substantial contributions to the realm of Economics of Education.

4 His research articles are featured in esteemed journals including The Indian Economic Journal and The Empirical Economics Letters, further cementing his reputation as a dedicated scholar in his field.

TOP PUBLICATIONS

Gender gap in academic performance in public and private schools : An analysis of young lives survey for India. *Empirical Economics Letters*, 2020; 19(9).

Unveiling gender gap in educational performance: Evidence from India. *The Indian Economic Journal*, 2022; 70(3): 472-489.

**SCHOOL OF SOCIAL  
SCIENCES AND HUMANITIES**



**DEPARTMENT  
OF ENGLISH  
STUDIES**



**Dr. B. J. Geetha**  
Associate Professor & Head



**Prof. A. Selvam**  
Professor



**Dr. T. J. Abraham**  
Professor



**Dr. Indra J. E.**  
Assistant Professor



**Dr. Boopathi P**  
Assistant Professor



**Dr. Punnya Rajendran**  
Assistant Professor



**Dr. Suganya V**  
Assistant Professor



Professor

HIGHEST DEGREE

Ph.D. in English in 2008 Madurai Kamaraj University

PROF. SELVAM A.

Prof. Selvam has research interests in Comparative Literature, Dalit Literature, Canadian Literature, African-American Literature, and Indian Literature in English. Prof Selvam is currently working as a professor at the Central University of Tamil Nadu. Between 2019 and 2022

Prof. Selvam has served the position of Head of Department in the Department of English Studies. Before joining Central University of Tamil Nadu Prof Selvam held the position of Controller of Examinations at the Bharathi-

dasan University, Tiruchirappalli. Prof Selvam has supervised fifteen doctoral theses to date. Prof Selvam was awarded a PhD from the Madurai Kamaraj University in 2008.

FACULTY HIGHLIGHTS

1

Prof. A. Selvam has expertise in Comparative Literature, Dalit Literature., Canadian Literature, African-American Literature, Indian Literature in English.

2

Prof. A. Selvam received IN-DO-THAI Emirates Professor Award 2023 Organized by the International Multidisciplinary Research Foundation Thailand.

TOP PUBLICATIONS

Maria campbell's attempts to reconstruct the metis identity through the quest for cultural roots: A study of maria campbell's half-breed. Journal of Literature and Criticism, 2010.

Celebrating subaltern rights consciousness: A study of select novels of Alice Walker and P. Sivakami. Importance of Human Rights and Women Empowerment, 2011.

The captives: A social play by asif currimbhoy. Shanlax International Journal of English, 2012 : 19-25

Polemics of dalit women's amplified voices: A study of Alice Walker's Meridian. A Bi-Annual International Literary Journal, 2014 : (3) 19-26

TOTAL INDUSTRY EXPERIENCE IN YEARS 0

TOTAL TEACHING AND RESEARCH EXPERIENCE IN YEARS 27

BOOKS 0

BOOK CHAPTERS 0

JOURNAL ARTICLES 13



Professor

HIGHEST DEGREE

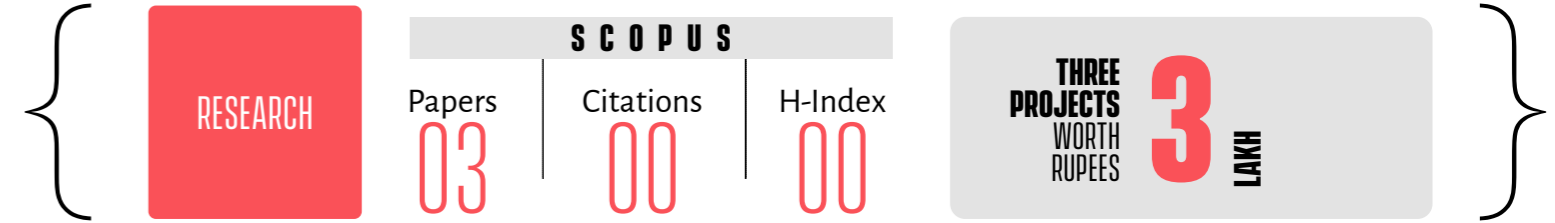
Ph.D. in English (Literary Theory and Indian Thought) in 1995 Calicut University

## DR. ABRAHAM T. J.

**T** Abraham, Professor, Department of English Studies, Central University of Tamil Nadu (CUTN), secured a Ph.D. degree from Calicut University in 1995. His thesis was on the interface of Indian metaphysics and Indian English Fiction. He specialises on contemporary literary theory, focusing on its interface with Indian thought.

The thrust area of his research has been on the intersection of contemporary Western thought and the Indian critical scenario, including the instances of anticipation of post-structuralist philosophy in the history of Indian thought. The thinkers who have been chosen for his special study are MK Gandhi, Nagarjuna, Jacques Derrida, Michel Foucault, Gilles Deleuze, Jacques Lacan, Emmanuel Levinas and Giorgio Agamben, among others.

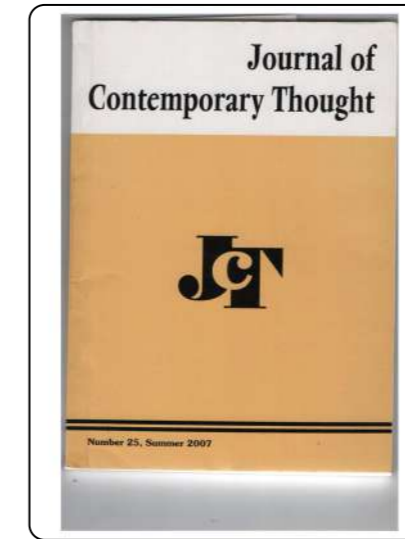
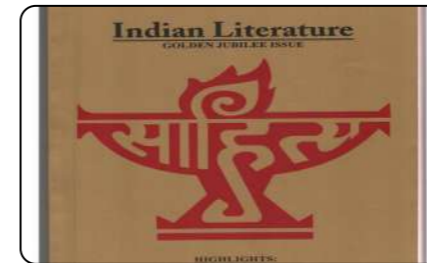
His research output includes 25 journal articles, a book and a few chapters in edited books. He has carried out three UGC-sponsored minor research projects. Four candidates under his guidance have been awarded PhD degrees, thus far. ●



### FACULTY HIGHLIGHTS

1

Dr Abraham's broad area of research interest is contemporary Literary Theory with a particular focus on its interface with Indian thought, which includes Indian aesthetics. The sine qua non for such an enterprise being the acquisition of greater scholarship in both Western and Indian philosophy, efforts are being directed to fine-tune this dimension.



### TOP PUBLICATIONS

**The sacred, the profane and the messianic: Inclusionary ethics in giorgio agamben's post-statist project.** *Journal of Dharma*, 2020: 87-104.

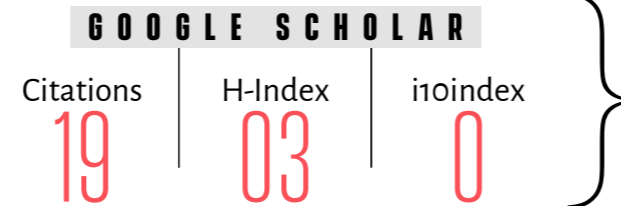
**It is autonomous! That's a good one!" Nation, ego and impasse in A passage to India.** *Journal of Contemporary Thought*, 2007; 25: 75-88.

**Ecocriticism, ethics and the vedic thought.** *Indian Literature*, 2007; LI(6): 179-186.

**Towards a sustainable ethical paradigm for postmodernity: Mohandas K. Gandhi and Emmanuel Levinas.** *Scientific News Letter*, 2015; 2(9): 98-107.



**RESEARCH AREAS**  
Literary Theory, Interventionist History and Indian Thought



RESEARCH

ONE PROJECTS WORTH RUPEES 1 LAKH



Associate Professor

HIGHEST DEGREE

Ph.D. in English in 2012 Periyar University

## DR. GEETHA B. J.

Dr. B. J. Geetha has been working as Associate Professor in the Department of English Studies at CUTN since 2020 and appointed as the Head of the department in 2022. She has 23 years of teaching experience and 18 years of research experience.

She has published two books and edited one book & two journals. She has published 67 research articles in the UGC CARE listed journals, peer-reviewed, Scopus indexed journals with impact factor. She has completed a UGC funded project entitled "Role of English Language Portals in Imparting Communication Skills of College Students in Salem District".

She has presented academic and research papers in national and international conferences. Her research interest comprises Drama, Ecocritical Studies, Postcolonial Studies, Feminist's discourse and Posthumanism. She has been serving as editorial member in four

peer-reviewed international journals. She has organized many national, international conferences, workshops, and seminars.

She visited countries like University of Ghana, Legon and Universiti Putra Malaysia, Malaysia as invited resource person and to present papers. She has delivered many invited talks as resource person in national and international conferences, workshops and Refresher courses. She has successfully guided 52 PG projects and 27 M.Phil. dissertations.

She has produced 3 Ph.D. scholars in the emerging and frontiers areas of research. She has been conferred with the Best Woman Researcher award in 2021- a special jury award by the Bodhi International journal along with the American College, Madurai in 2021 for her research contributions7 ●

RESEARCH AREAS  
Postcolonial Studies, Ecocriticism,  
Gender Studies,  
Children Literature

GOOGLE SCHOLAR

Citations 20 | H-Index 01 | i10index 01

RESEARCH

### FACULTY HIGHLIGHTS

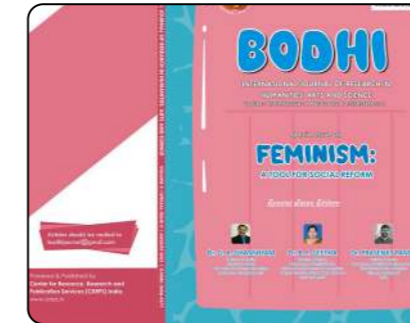
1

Enrich your English published by Pallavi Pathipagam – Erode in 2008 Pallavi Pathipagam, S.India PVT Ltd, 2008, ISBN NO-978-81- 89840- 69-3.



2 Studies on Subaltern and Diaspora: The Voices of the Oppressed and the Uprooted- published by L.Ordine Nuovo Publication, November 2020

3



Feminism A Tool for Social Reform- Bodhi International Peer Reviewed Journal of Research in Humanities, Arts and Science, an Online Peer Reviewed, Refereed Quarterly Journal E-, August 2021, Vol-5, Special Issue-2 , ISSN 2456-5571.

4



Literature Reflection of Society- Bodhi International Peer Reviewed Journal of Research in Humanities, Arts and Science, an Online Peer Reviewed, Refereed Quarterly Journal E-, July 2021, Vol-5, Special Issue -2.

5

Conferred with the Best Women Researcher Award 2021 by BODHI Peer Reviewed Journal of Research in Humanities, Arts and Science

### TOP PUBLICATIONS

Magical Realism in Gabriel Garcia Marquez's One Hundred years of Solitude- *Rupkatha on Interdisciplinary Studies in Humanities*, 2010.

Salman Rushdie's *The Enchantress of Florence: An Intertextual Review* - *The Dawn* , a multidisciplinary, online journal published bi-annually , 2014 : Vol. 3, No. 1, P. No-778-787. ISSN: 2277-1786.

Graphical and Structural Exploration in Joseph Lambert's *Annie Sullivan and The Trials of Helen Keller- Bodhi International, Journal of Research in Humanities, Arts and Science*.

Cornucopia of Food Imageries as Female Confinement and Empowerment: A Gender Prescription in Laura Esquivel's *Like Water for Chocolate*, *Caraivéti Démarche de sagesse*, Biannual International Journal, Vol. Issue-1 ISSN : 2456-9690(25-35).



Assistant Professor

HIGHEST DEGREE

Ph.D. in English (Indigenous and literature of the Marginalised) in 2019 Bharathidasan University, Trichy

## DR. INDRA J. E.

Dr. Indra is an Assistant Professor of English Studies at the Central university of Tamil Nadu, Thiruvavur. She has cleared UGC NET in 2011, SET in 2012 and completed PhD in 2019. She has a Master of Arts degree in English literature (Bharathidasan University, Trichy, 2007) and an MPhil degree with more than 17 years of teaching experience. Her Ph.D. thesis is on Canadian Literature, and has presented a number of research papers in national and

international conferences. Her areas of interest includes Indian English Literature, New Literatures, Literature of the Marginalized and English Language teaching. ●

RESEARCH AREAS  
Indian English Literature,  
New Literatures and ELT

RESEARCH

FACULTY HIGHLIGHTS

1

Organized Outreach Program for the academic year 2018-19 (Teaching English to Higher Secondary Students, GHSS, Enangudi, Nagapattinam Dt.)



2

Organized Sapling Plantation (donation) and Health & Hygiene under the Banner Swachh Bharat Abhiyan

3

Awarded Job Opportunities Thrice in Government of Tamil Nadu (\* Polytechnic College \*\* GCE \*\*\* GAC)

4

Framed syllabus for the course "Indigenous Literature"



5

Organized celebration of International Day of the World's Indigenous People

TOP PUBLICATIONS

A comparative study of Margaret Laurence's *A Jest of God* and Rani Dharker's *The Virgin Syndrome* in *LITERARY QUEST*, Tranquebar, India (ISSN 2349-5650)

Cataclysmic Experience of Dehumanisation in Alice Walker's *Meridian*, *International Journal Creative Research Thoughts*, 2020

Cultural Hegemony in Bama's *Sangati*, *Jignasa*, *A Journal of the History of Ideas and Culture*, 2021

Spiritual Ascension in the Novels of Margaret Laurence, *Criterion*, 8(1). 2017

Quest for Spiritual vision in Margaret Laurence's *The Diviners*, *Research Journal of English Language and Literature* 3(2), 2015

TOTAL INDUSTRY EXPERIENCE IN YEARS 0

TOTAL TEACHING AND RESEARCH EXPERIENCE IN YEARS 19

BOOKS 0

BOOK CHAPTERS 02

JOURNAL ARTICLES 13



Assistant Professor

HIGHEST DEGREE

Ph.D. in English Literature in 2018 EFLU Hyderabad

## DR. BOOPATHI P.

Dr. Boopathi is an Assistant Professor in the Department of English Studies. His research interests include Literary and Cultural Disability Studies, Refugee Literature and Life Writing Studies. For his Doctoral Research completed at EFL University, Hyderabad, he studied the identity construction of Palestinians in the life narratives written by Palestinian refugees. Prior to his appointment at CUTN, he taught at the Aligarh Muslim University for three years.

He has published articles in journals and has edited books that are of international repute and has presented research papers in conferences both inside and outside India in his areas of research. He has been funded by New Literary Observer, Moscow and European University at St. Petersburg, and German Historical Institute, Warsaw, Poland to present his research papers in their conferences. His research works have been published by renowned international

publishers like Peter Lang, Routledge and Routledge Journal of Life Writing. He is one of very few scholars in the area of Disability Studies and Refugee Studies in India to introduce a specialized course titled 'Literary and Cultural Disability Studies' and 'Refugee Literature' respectively to Master students of English. Dr Boopathi is the University coordinator for the prestigious the Erasmus+ Programme - Learning mobility for higher education students and staff with Siedlce University of Natural Sciences and Humanities, Poland. He is the coordinator of Enabling Unit for Persons with Disabilities at CUTN. He has delivered more than 50 invited talks in conferences, refresher courses, workshops, certificate courses, etc. organized by various universities and colleges in India. ●

RESEARCH AREAS

Refugee Literature, Literary and Cultural Disability Studies and Life Writing Studies

RESEARCH

FACULTY HIGHLIGHTS

1

Selected among eleven delegates throughout the World to present a paper with full funding in Moscow, Russia, in June 2018

3



Introduced a specialised paper titled 'Disability Studies and Literature' in 2017, and a revised one titled 'Literary and Cultural Disability Studies' in 2022



4 Introduced a specialised paper titled 'Refugee Literature' in 2022.

2

Selected among eight delegates throughout the World to present a paper with full funding in Warsaw, Poland, in September 2022

TOTAL INDUSTRY EXPERIENCE IN YEARS **0**

TOTAL TEACHING AND RESEARCH EXPERIENCE IN YEARS **07**

BOOKS **0**

BOOK CHAPTERS **05**

JOURNAL ARTICLES **04**

TOP PUBLICATIONS

**Review of Notes on the Flesh Life Writing**, pp. 1–4. Taylor and Francis+ NEJM, 2019.

**Authoring Disability, Documenting Struggle: An Analysis of Naseema Huzruk's The Incredible Story**, *Language in India*, 2022 :Vol. 22:4. ISSN 1930-2940.

**Intersecting Terrains of Personal and Politics: An Arab Feminist Reading of Fadwa Tuqan's - A Mountainous Journey, Writing Gender Writing Self: Memory, Memoir and Autobiography**, edited by Aparna Lanjewar Bose, New York, Routledge. 2020 :ISBN: 978-0-367-53449.

**Creating an Accessible and Resilient Environment inside the Indian University. Disability and University: A Disabled Students Manifesto**, edited by Christopher McMaster and Benjamin Whitburn, Lang, 2019.





Assistant Professor

HIGHEST DEGREE

Ph.D. in English in 2020 Indian Institute of Technology Bombay

## DR. PUNNYA RAJENDRAN

Punnya Rajendran is an Assistant Professor at the Department of English Studies, Central University of Tamil Nadu, where she has been working since 2020. She completed her Master's degree in English from the University of Hyderabad in 2013, and received her Ph.D. in English from the Indian Institute of Technology, Bombay in 2020

In her thesis titled 'Anachronism and the aesthetics of the hand-drawn: A study of graphic journalism from conflict zones', she engages with affective categories such as distraction, nostalgia and hesitation, which arguably are key to human encounter with evolving forms of new media and our ability to relate to 'distant' violence. She has published several research articles that engage with questions pertinent to gender, caste, media and health/illness nar-

atives through the lens of affect theory and anachronistic attempts at mediation. She has recently co-edited a book titled 'Aesthetics in India: Transitions and transformations' (2023) published by Orient Blackswan. Her current/emerging research interest is a reflection of her continued interest in 'anachronism' as a concept in literary studies with specific reference to critical pedagogy. ●

RESEARCH AREAS  
Aesthetics of affect theory and Critical Pedagogy

GOOGLE SCHOLAR

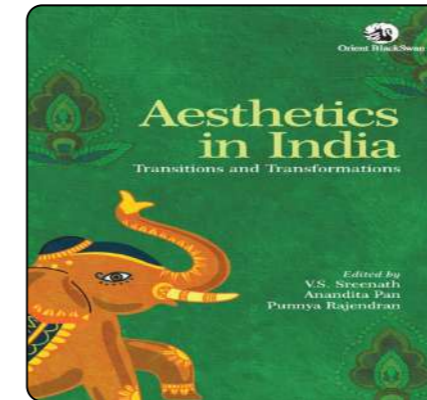
Citations 01 | H-Index 01 | i10index 0

RESEARCH  
Papers 05 | Citations 00 | H-Index 00

### FACULTY HIGHLIGHTS

1

Aesthetics in India: Transitions and Transformation. (2023). Co-edited by Sreenath V. S., Anandita Pan, and Punnya Rajendran. Orient Blackswan.



2

INVITED LECTURE: "Unending Loops of Time: Technological Forms of Nostalgia." Delivered at "Studying Contemporary Media Cultures" Two-Day Workshop at the Dept. of Gender and Media Studies for the South Asian Region, IAAW, Humboldt University of Berlin, Germany.



### TOP PUBLICATIONS

The Aesthetics and Politics of the Abstract Line in Bhimayana: Experiences of Untouchability. *Contemporary Voice of Dalit*, Online First. Sage Publications, 2021.

Towards an Ethics of Reading: Syntax and Self-care in Depression Narratives. *Critique: Studies in Contemporary Fiction*, Online First. Taylor and Francis, 2022.

Aesthetics in India: Transitions and Transformation. Co-edited by Sreenath V. S., Anandita Pan, and Punnya Rajendran. Orient Blackswan, 2023.

Forms of Technostalgia: Understanding Cultures of the Obsolete. *Studies in South Asian Film and Media*, 2023 ,15(1), 57-69. Intellect Books.



Assistant Professor

HIGHEST DEGREE

Ph.D. in English (Memory and Trauma studies) in 2022 Bharathiar University

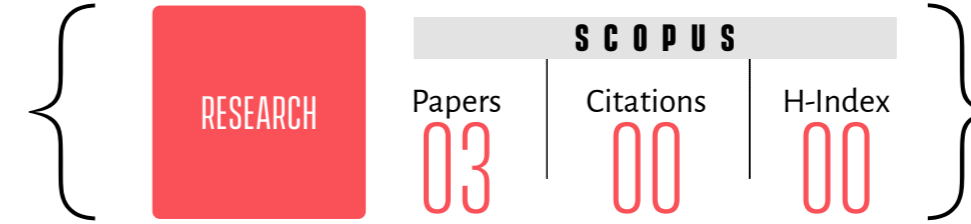
## DR. SUGANYA V.

**D**r. Suganya is an Assistant Professor of English in the School of Social Sciences and Humanities, Central University of Tamil Nadu. She earned her Ph.D. from Bharathiar University, Coimbatore in 2022, and has worked as a Project Assistant for the RUSA Project titled 'Academic and Technical Writing Training'.

She began her career as an Ad-hoc Faculty in the School of Humanities and Management, NIT Andhra Pradesh. Her hands-on experience at the NIT Andhra Pradesh enabled her to train students on Soft skills and Business English. She has significant number of publications in national and international journals. Her research is centralised on the interdisciplinary aspects of

memory and trauma studies in world literature. She believes in interdisciplinary research, which has the potential to amalgamate humanities, social studies, and the natural sciences in a novel way to forge prospective research ideas and compelling arguments in literary works with social relevance. ●

RESEARCH AREAS  
Irish Literature, Memory and Trauma Studies in World Literature



### FACULTY HIGHLIGHTS

1

Qualified Tamil Nadu State Eligibility Test (TNSET) For Assistant Professor in 2017

2

Cleared UGC-NTA NET for Assistant Professor in 2019.

3

Guest Speaker for the webinar on "Excelling in Group Discussion and Public Speaking" organised by the Department of English, KPR Institute of Technology, Coimbatore, TN on 21 Aug. 2023

### TOP PUBLICATIONS

**I Am Only a Thing Left over, a Remnant Woman':** Memory, Psychological Trauma and Generational Identity in Sebastian Barry's *The Secret Scripture*." *PhiN*, 2022 ,29: 74-87.

**Transgenerational Transmission of Chosen Trauma':** Locating Micro-Experiences in Macro-Historical Events and the Quest for Cultural and National Identity in Tamsin O'Connell's *These Hills Called Home: Stories from a War Zone*.". *Rupkatha Journal on Interdisciplinary Studies in Humanities*, 2022 :14(2): 1-11.

**The Duality of Arab Israeli Identity and the Politics of Survival in Sayed Kashua's *Let It Be Morning*.** *Rupkatha Journal on Interdisciplinary Studies in Humanities*. 2021: 13(3): 1-10



**SCHOOL OF SOCIAL  
SCIENCES AND HUMANITIES**



**Prof. S.V.S.S. Narayana Raju**  
Professor & Head



**Dr. P. Rajaretnam**  
Associate Professor



**Dr. Madhulika Ben Patel**  
Assistant Professor

**DEPARTMENT  
OF HINDI**



Professor

HIGHEST DEGREE

Ph.D. in Hindi (Drama) in 1997 Andhra University

## PROF. NARAYANA RAJU S. V. S. S.

Prof. SVSS Narayana Raju has been rendering his services as a Professor in the Department of Hindi, Central University of Tamil Nadu. He is a renowned academician who has a versatile experience in teaching and research. He has served as the Visiting Professor of Hindi (India Chair) at the Sofia University, Sofia, Bulgaria, from 2010 to 2012, and has over 30 years of teaching and 26 years of research experience.

He has rendered his services as an academician at various reputed academic institutions throughout. He has served as the Professor and Head in the Department of Hindi of the Central University of Tamil Nadu, and subsequently the Dean of School of Social Sciences and Humanities, besides becoming a Member in the Executive Council and the Academic Council of the Central University of Tamil Nadu. He has bagged the Telugu Bhashi Hindi Yuva Lekhak Award from the Andhra Pradesh Hindi Academi,

Government of Andhra Pradesh in 2009. As a renowned author, he has published five books namely, Mohan Rakesh Ke Natakon Mein Vasthugath Prayog, Moolyanveshak Kavi Dr. Dharmaveer Bharathi, Mohan Rakesh: Vyakthi Evam Rachana, Rangamanch Ke Natakkar Mohan Rakesh, and has published two books as an Editor with Padmbhushan Dr Moturi Satyanarayana Janamasthati Visheshank - (Assistant Editor) and the Hindi Krishak (Editor). In addition, he has published more than 240 research publications in reputed national and international journals, and has presented his research work in 19 international and 54 national seminars.

So far, he has supervised 18 PhDs and 69 MPhils. He has acted as an Editorial Board Member of various Hindi journals and magazines. He has a flare for preparing e-Content (More than 800 Lecture Videos uploaded) for his YouTube Channel and a blog. ●

**RESEARCH AREAS**  
Modern Hindi Literature, Comparative Literature, Translation studies and E content

RESEARCH

GOOGLE SCHOLAR

Citations 02 | H-Index 01 | i10index 0

### FACULTY HIGHLIGHTS

1

He has acquired very particular set of skills. Skills, he acquired over his 26 years of service in the academia as a Teacher and Researcher.



2 Has guided 69 M.Phil. and 18 PhD students. The major reason for the successful research is because of his passion towards teaching

3

His love for teaching helped him to work in different places of Bharat and in outside Bharat too; He has served as a Visiting professor in Sofia University (Bulgaria, Europe) for two years.



4

His experience made him to be open to all kind of culture and ideas to fine tune himself according to the needs of the university and students

5

Always ready to embrace new technology which helps students and University to be better than past.

TOTAL INDUSTRY EXPERIENCE IN YEARS 0

TOTAL TEACHING AND RESEARCH EXPERIENCE IN YEARS 26

BOOKS 05

BOOK CHAPTERS 35

JOURNAL ARTICLES 200

### TOP PUBLICATIONS

**Hindi ke patan paten kesamsyayein (Dakshin Bharat kesandarbhmein)**, Bhasha, Central Hindi Direcorate, Ministry of Education Govt. of India, ISSN No. 0523-1418. UGC Care list no 16: 2020.

**Pranay bhavana ki safalabhi vyakti**: Saat geet varsh, *Sahitya ka Samvad*, 2021: ISBN No. 978-93-89341-70-6

**Rashtriyata Aur Bharateeya Sanskurthi ke Utthan mein Hindi Patra-patrikavon ka atulaneeya yogdan** in *Sravanthi*, 2023 :ISSN No.2582-0885.

**Manochiktsaa koushal shikshan evam aur bhartiya sahitya**, *Anukarsh*, 2023.

**Telegu our hindi ka anuwaad ke madhyam saha- sehasmbndh : ek parichay'**, Smarika 12th world Hindi conference, published by MEA, 2023.



Associate Professor

HIGHEST DEGREE

Ph.D. in Hindi (Kavitha and Upanyas) in 1994 Higher Education and Research Centre, DBHP Sabha, Chennai

## DR. RAJARETNAM P.

Dr Rajaretnam, an Associate Professor at the Department of Hindi, earned his MA, MPhil, PhD degrees, and PGDT from the Dakshin Bharat Hindi Prachar Sabha, Chennai. He received his Diploma in JDC from the Cooperative Training Centre in Tirunelveli. His area of research specialization is poetry and novel. He has supervised 15 MPhil and four PhD scholars till date, and is currently supervising five doctoral scholars at the CUTN.

He has published ten books, 18 articles, and has presented more than 50 research papers. He has coordinated 17 international, national, and state level workshops, Nava Lekhak Shivie, symposia and seminars. Dr Rajaretnam has delivered 17 national level guest lectures, and has hosted seven international programs at the Central University of Tamil Nadu. He has served as a member of book author selection committee, grant distribution expert commit-

tee, subject digitalization committee, and is a member of the inspection committee at the CHD Ministry of Education, New Delhi. He is also an advisory literator for modern writers. He is on the BoS of 20 colleges and five universities, besides serving as the chair person and standing committee member at the Bharathidasan University, Trichirappalli for over six years. He is a question paper setter and evaluator for various universities and colleges in India. Dr Rajaretnam is a Senior Hindi Pracharak at the Dakshin Bharat Hindi Prachar Sabha, Chennai and Trichirappalli, and has served as an NCC Officer (Captain Rank) for 18 years, Deputy Controller of Examinations (two and a half years), Director at four private colleges (for six months), Evaluator at CHD (two years), and has served as the Assistant Director of Official Language at the Central University of Tamil Nadu between 2019 and 2023. ●

RESEARCH AREAS

Bhakti Kavya, Novel, Functional Hindi and Translation

RESEARCH

FACULTY HIGHLIGHTS

1

Conducted 17 National level guest lecture programme, Two days National work shop (On line), Two days symposium, Eight days contemporary Hindi write litrator camp, and Three days International Hindi seminar.

3



Attended higher level Translations Training programme on behalf of CUTN at New Delhi. I have published Three books with ISBN. I have published 18 research articles ISSN magazine and UGC referred journals and pear reviewed journals also presented Three papers in the international seminar.

4

Written study material in Hindi for four semesters for Department of Hotel Management JJ arts and science college, Pudukkottai.

5

Conducting spoken Hindi classes for the non-speaking staff and students from the year 2020 to till date.

TOP PUBLICATIONS

**Theeraj Swasthiya ke santharb mein**, *International Journal of Research in Hindi* ISSN 2455-263, 2020: 2. 108-110

**Varthaman Yug ke Yuavon keliye Gandhi Vicharhara ki aavashyakatha** *Research Review*, 2020: 5-08, ISSN Index 2455-2233.

**Kindness-Zeichen Journal**, 2020: 6th, Issue 10, ISSN No. 0932-4747.

**Naresh Mehata ke vyakhithva ka pramook aayam Sravanthi** (DHBS) Hyderabad, 2022: ISSN No 2582-0885

**Hindi Tamil thatha Tamil Hindi aunvad prampara aur pradeya**, Bhasha (UGC care list journal), 2022: ISSN No 0523-1418.



Assistant Professor

HIGHEST DEGREE

Ph.D. in Hindi in 2016  
Jawaharlal Nehru University

## DR. MADHULIKA BEN PATEL

Literature is the mirror of the society as well as the one who takes the society forward. Literature expresses social sympathies, naturally it is bound to exercise some positive influence on our mind and attitude. Society reacts to literature in a living way. An inspiring poem creates general influence on society. Literature helps to resolve societal conflicts. It gives us a platform to vent out our negative emotions and better understand the perspective of others. This allows the social machine to function smoothly avoiding a disastrous engine failure. I also try to highlight the reality explained within the literature. I explain it in such a way that it can help the students to build a new and healthy society. They can correlate with the society and take their society forward. At the same time, they can develop a high-quality vision of life..

Have worked my PhD Research on "Question of Liberation in banned Hindi Literature

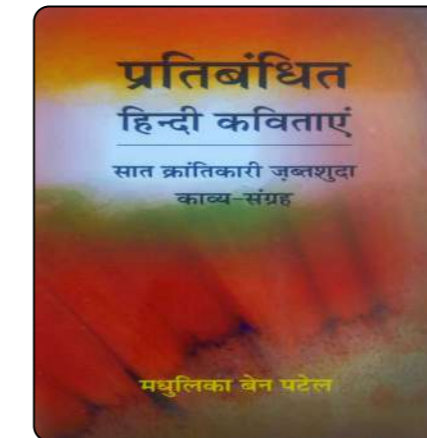
(1857-1947)". have researched Economic policy, indigenous industries and literature during British Raj. Also question of Economic liberation of Farmers, Laborers, Weavers and social liberation of Womens and Dalits. Along with this, there is collection of banned poems in my published book 'Prtibandhit Hindi Kavitayen', related to the spirit of independence, economic condition of the country, the plight of farmers, laborers and weavers, destruction of small-cottage industry due to the policies of the British Government.

Research Papers and chapter in books areas are Nation, Transgender, Cultural consciousness, Environmental consciousness, Female journalism, Migrated Indians, Women, Farmers, Laborers. Drama in ancient Tamil society and Origin of Tamil drama etc. ●

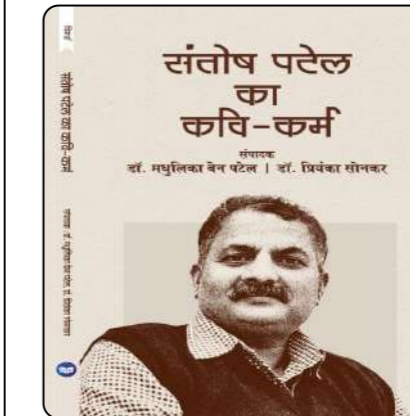
### FACULTY HIGHLIGHTS

1

Published a Book titled Pratibandhit Hindi Kavitayen" Saat Krantikari jabtshuda kavya sangrah .



2



Published an article titled Thoothukudi: Gulami se mukti ki dastan' published in 2022. Akshara Multidisciplinary Research Journal

### TOP PUBLICATIONS

**Bhartiya Itihas aur Pratibadhit hindi sahitya ke aaine me Stri aandolan'** Hindi Sahitya ka Itihas kuch path kuch vichar, (2021). *Adhar Prakashan, Panchkula*, Haryana, ISBN 978-81-95-1717-8-1, pp. 132-145

**Shokshankari Tantra ki Krurata aur Girmitiyon ki Mukti ki Akanksha ka Krantikari Dastavej 'Kuli Pratha'** (2023). *Janakriti* (International Peer Review E-Magazine), Vol. 8, Issue 94, ISSN 2454-2725

**Bhartiya Itihas aur Pratibadhit Hindi Sahitya me Dalit Chetna**, *Apni Matti*, (2022).

**SCHOOL OF SOCIAL  
SCIENCES AND HUMANITIES**



**DEPARTMENT  
OF HISTORY**



**Prof. Bhagabana Sahu**  
Professor & Head



**Dr. K. Thangapandian**  
Assistant Professor



**Dr. Louis Mushary**  
Assistant Professor



**Dr. Pranjal Garg**  
Assistant Professor



**Dr. Kanagarathinam DV**  
Assistant Professor

RESEARCH

TWO PROJECTS WORTH RUPEES **1.35** LAKH



Professor

HIGHEST DEGREE

Ph.D. in History in 1988 Berhampur University

## PROF. BHAGABANA SAHU

Prof Bhagabana Sahu joined the Department of Education, Government of Odisha as a Lecturer of History, way back in 1986, and was subsequently promoted to the post of Reader in 2001, and later as a Principal in 2011. He joined the Department of History, Berhampur University, Odisha, as Professor in 2011. Prof Sahu was appointed as a Professor of History in the Central University of Tamil Nadu in 2019.

Along his career as an academician and as a researcher, Prof Sahu has produced 22 PhD graduates, 33 MPhil scholars and one DLitt scholar. He has published six scholarly books

and 80 research publications in his field specialization - Modern history, folk culture and tribal studies. ●

### FACULTY HIGHLIGHTS

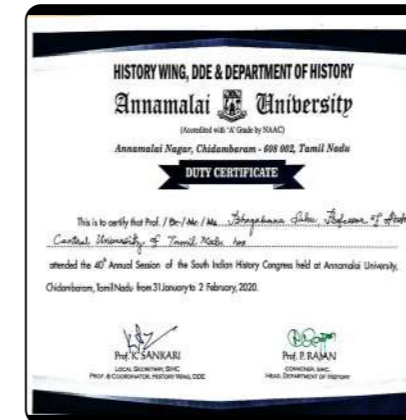
1

Worked in various Administrative posts like principal, KBR Science College, KS Nagar, Ganjam.



2 Appointed as Question paper setter of Central University of Tamil Nadu, PG Entrance Test 2021.

3



Appointed as Member of the Selection Committee for recruitment of Teachers in Universities of Berhampur, Khalikote, and CUTN.



4 Appointed as the Question paper setter of State Public Service Commission of Odisha, Telangana and Tamil Nadu in 2010, 2021 and 2023.

5

Worked as Secretary of Sports Council, Berhampur University and Chairman, BoS of History (2012-14).

### TOP PUBLICATIONS

**Understanding Idital: The amazing ritual art of the Souras of Eastern India.** *International Journal of Multidisciplinary Educational Research*, 2019.

**Kothisala dance of Ganjam: A symbol of social integration of the Dalits of Odisha.** *Review of Research*, 2019; 13-16.

**Jaradagada- A border village adjoining to Andhra Pradesh and Mahendragiri.** *International Journal of Current Research*, 2019; 2981-3.

**Picture of Odisha as projected in the Akbar Namah of Abul Fazl: A reappraisal.** *Review of Research*, 2019.

RESEARCH

RESEARCH AREAS  
Modern History, Folk Culture and Tribal Studies

TOTAL INDUSTRY EXPERIENCE IN YEARS **0**

TOTAL TEACHING AND RESEARCH EXPERIENCE IN YEARS **36**

BOOKS **0**

BOOK CHAPTERS **0**

JOURNAL ARTICLES **62**





Assistant Professor

HIGHEST DEGREE

Ph.D. in History in 2016  
Madurai Kamaraj University

## DR. THANGAPANDIAN K.

**D**r Thangapandian is an Assistant Professor in the Department of History, School of Social Sciences and Humanities, Central University of Tamil Nadu. His research interests include Medieval South India and Tribal Studies. For his doctoral research completed at the Madurai Kamaraj University, Madurai, he investigated the State and Society under the Rule of the Pandyas of Tamil Nadu (c1251-1308 AD)

Prior to his appointment at the Central University of Tamil Nadu, he worked as Dr S Radhakrishnan Post-Doctoral Fellow at the Rajapalayam Rajus College, Rajapalayam for two

years. He has published articles in international journals, and edited books of repute, and has presented research papers at several conferences. ●

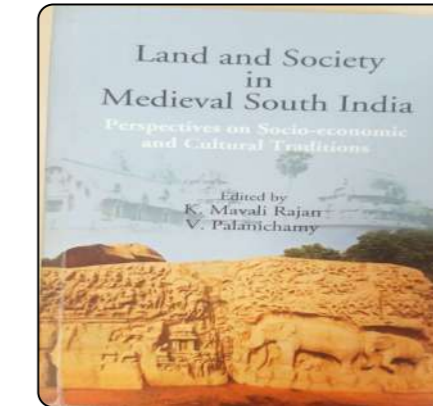
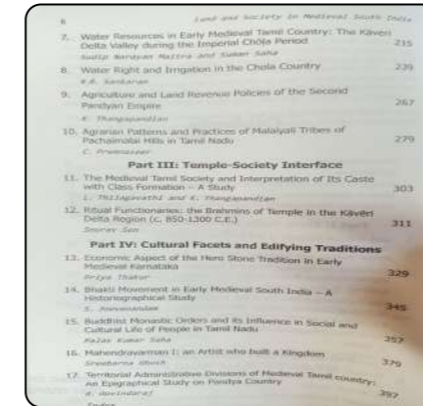
**RESEARCH AREAS**  
Medieval South Indian History, Tribal Study, and Art History.

RESEARCH

### FACULTY HIGHLIGHTS

1

Dr Thangapandian's research areas of interest are Medieval South Indian History, Tribal Study, and Art History. He has published several research articles in national and international peer-reviewed journals. He also guided 12 postgraduate students in project work. Two PhD scholars are working under his supervision.



### TOP PUBLICATIONS

**Temples as an employer during the Second Pandyan Empire** in the 40th annual session of the South Indian Congress held at Annamalai University, Chidambaram, 2020;938-40.

**The seminal role of Devadasis in Medieval Tamil Nadu.** *Bhavaaveena*, 2022;19(2): 151-7.

**Viduthalai Poratta Veerar Thalpathi Sundaralinganar Thittam**, 2022;27-32.

**Role of Dalit intellectuals in transforming the Tamil society.** *YMER* (Swedish Society for Anthropology and Geography). 2023;22(1): 1765-73.



Assistant Professor

HIGHEST DEGREE

Ph.D. in Archaeology in 2019  
JRN Rajasthan Vidyapeeth

## DR. PRANJAL GARG

**D**r Pranjal Garg, specializes in Ancient Indian History, Culture and Archaeology. He is a graduate from the Sri Aurobindo International Centre of Education, Pondicherry, where he received his education based on the principle of Integral Education. During this curriculum, he excelled in multiple outdoor sports including swimming, games, gymnastics and athletics.

He is specialized in Ancient Indian History, Culture and Archaeology through a Masters Programme at Panjab University, Chandigarh, and pursued his doctoral research in Archaeology in Udaipur, Rajasthan. He has participated in several archaeological excavations and explorations, curated archaeological exhibitions related

to Saraswati Civilization and Late Historic/Mediaeval period. Currently, he is serving as an Assistant Professor at the Department of History, Central University of Tami Nadu, Thiruvavur. ●

### RESEARCH AREAS

Archaeology, Indian Knowledge Systems, Ancient Indian History and Culture, Vedic and Indic Studies.

### GOOGLE SCHOLAR

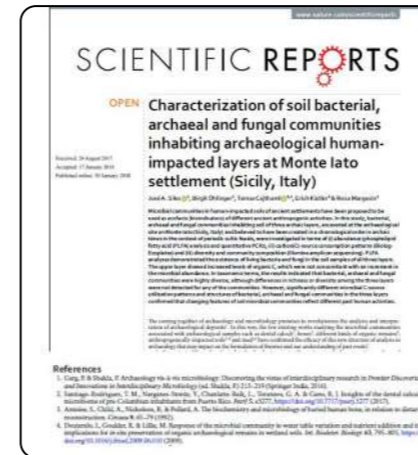
Citations 02 | H-Index 01 | i10index 0

RESEARCH

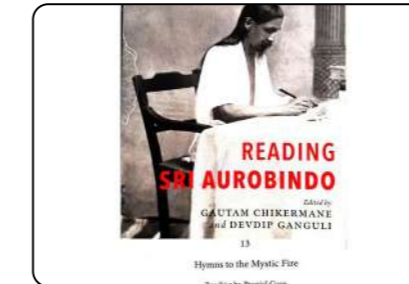
### FACULTY HIGHLIGHTS

1

Cited in Scientific Reports, Springer Nature (IF:4.9) Scientific Reports | (2018) 8:1903, Springer India



2



Delivered a lecture on *Exploring Ancient Indian Science and Technology*, in a Three-Day National Conference on Indian Scientific Heritage from 26 - 28 February, 2022, organised by the Department of Mathematics, Hindu Girls College, Sonipat, (Haryana).

3

Delivered a lecture on *A Past History Can't See* on 1st to 3rd August, 2023 in a Three-Day Literary Festival, *Celebrating Sri Aurobindo: Explorations of His Creative World*, sponsored by Ministry of Culture, Government of India.

TOTAL INDUSTRY EXPERIENCE IN YEARS 0

TOTAL TEACHING AND RESEARCH EXPERIENCE IN YEARS 10

BOOKS 0

BOOK CHAPTERS 05

JOURNAL ARTICLES 06

### TOP PUBLICATIONS

**Preliminary observations of excavations at Chandravati, Sirohi, Rajasthan.** *Shodh Patrika*. 2016;266-9(1-4): 20-54.

**Archaeology vis-à-vis Microbiology: Discovering the vistas of interdisciplinary research.** *Frontier Discoveries and Innovations in Interdisciplinary Microbiology*, 2016:213- 9.

**Hymns to the Mystic Fire, Reading Sri Aurobindo.** Penguin eBury Press; Penguin Random House India. 2022.

**Role of media in public archaeology in the context of Pattanam excavations.** Atmannirbhar Bharat and Media: On the Road to Success, 2022.



Assistant Professor

HIGHEST DEGREE

Ph.D. in History in 2017  
Pondicherry University

## DR. LOUIS MUSHARY

Dr Louis Mushary obtained his PhD from Pondicherry University in 2017. The area of his specialization is Modern History and Intellectual History. He has teaching and research experience for about six years. He worked as an Assistant Professor at the Loyola College, Chennai, for three years.

Subsequently, he joined the Department of History, Central University of Tamil Nadu, in 2019 as an Assistant Professor. He has a few national and international publications to his credit. He has supervised about 10 PG students

in the capacity of a project supervisor. Currently, he is supervising one PhD student at the Central University of Tamil Nadu. He has held positions such as departmental IQAC coordinator, and is in-charge of several outreach programmes. Besides, he is also a member of BoS.

### RESEARCH AREAS

Intellectual Studies, Environmental studies, Gender Studies

RESEARCH

### FACULTY HIGHLIGHTS

1

Collated resources for Gender in Indian History: Dr Louis Mushary had collated resources for the National Resource Centre for Education, NIEPA. It gives information on topics of Gender in Indian History. The resources available can be used by scholars who are interested or are working in the field of gender studies or gender issues.

Sl. No.	Page of Resource	Resource	Website
1	1	Gender in Indian History: A Study of the Role of Women in the Development of the Nation	http://www.niepa.gov.in/
2	2	Gender in Indian History: A Study of the Role of Women in the Development of the Nation	http://www.niepa.gov.in/
3	3	Gender in Indian History: A Study of the Role of Women in the Development of the Nation	http://www.niepa.gov.in/
4	4	Gender in Indian History: A Study of the Role of Women in the Development of the Nation	http://www.niepa.gov.in/
5	5	Gender in Indian History: A Study of the Role of Women in the Development of the Nation	http://www.niepa.gov.in/
6	6	Gender in Indian History: A Study of the Role of Women in the Development of the Nation	http://www.niepa.gov.in/
7	7	Gender in Indian History: A Study of the Role of Women in the Development of the Nation	http://www.niepa.gov.in/
8	8	Gender in Indian History: A Study of the Role of Women in the Development of the Nation	http://www.niepa.gov.in/
9	9	Gender in Indian History: A Study of the Role of Women in the Development of the Nation	http://www.niepa.gov.in/
10	10	Gender in Indian History: A Study of the Role of Women in the Development of the Nation	http://www.niepa.gov.in/

### TOP PUBLICATIONS

**Correlating past with present: Metamorphosis in the institutionalized marriage custom of Bodos with modernity.** The Tribal at the Threshold of the Millennium, Publication Cell, Bijni College, Bijni, 2013.

**Transforming the colonized “Others” in Assam: Analyses of negative and positive impacts of the missionaries’ Evangelization.** IJMER, 2015;4(2): 213-30.

**British commercial interest in Assam and the “Otherness” of Nagas: A study of colonial ideas and motives.** Journal of Indian History and Culture, 2015;21(5): 194-224.



Assistant Professor

HIGHEST DEGREE

Ph.D. in History in 2017  
Pondicherry University

## DR. D. V. KANAGARATHINAM

Dr Kanagarathinam is an Assistant Professor in the Department of History, School of Social Sciences, Central University of Tamil Nadu since January 2023. He underwent a post-doctoral training on 'Professionalization of Siddha Medicine in Colonial Tamil Region' in the Department of Humanities and Social Sciences, IIT Madras, Chennai, from February 2019 to February 2022.

He has worked as an Assistant Professor (on contract) in the Department of History, Central University of Tamil Nadu from 2017 to 2019. He earned his PhD on a doctoral research titled 'History of Indigenous Medicines' in Pondicherry University in 2017. Dr Kanagarathinam has been working on 'Social History of Medicine in Colonial South India' since July 2011. He has secured the UGC-Junior Research Fellowship and National Eligibility Test for Lectureship (UGC-NET-JRF) in December 2011 and was pro-

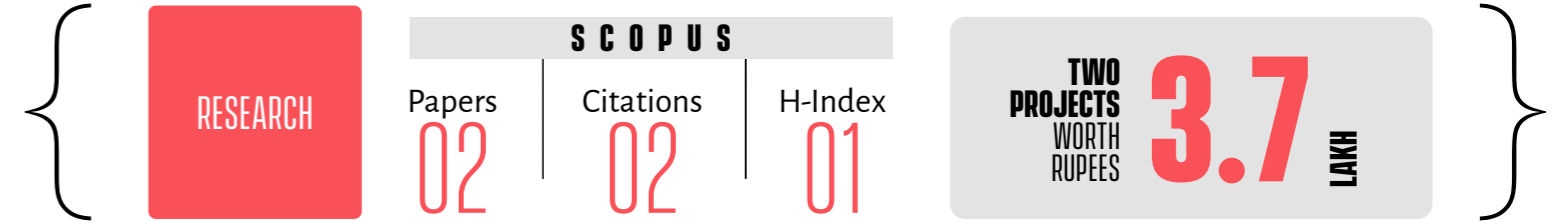
moted as a Senior Research Fellow (SRF) in July 2014. He is a university topper in Post Graduate Course and Secured Syndicate Bank Gold Medal in May 2011. His research interest lies in the history of indigenous medicines and their re-configuration process. His papers analyzed the contestation between indigenous and Western medicines during the colonial times.

Besides, his research concentrates that how indigenous medical traditions were being re-constructed by indigenous physicians based on contemporary political, social, economic and cultural conditions. Revitalization of indigenous medicines was taken into account and traced. His research findings have been published in leading international journals like Medical History (Cambridge), Asian Medicine (Brill), Journal of Ayurveda and Integrative Medicine (Elsevier) and Indian Journal of History of Science (Springer) ●

RESEARCH AREAS  
History of Medicine, Global History,  
History of Science and Technology,  
National Monument

GOOGLE SCHOLAR

Citations 22 | H-Index 03 | i10index 0



### FACULTY HIGHLIGHTS

1

He received the research project entitled *History of Siddha Medicine in Colonial and Post-Colonial Times (1921-1960)*, with the tune of Rs. 3,00,000/- from the Indian Council of Historical Research for two years.



2

He received a research project on *Unsung Heroes of Tamil Nadu* from the Ministry of Culture with an outlay of Rs. 75,000/-

### TOP PUBLICATIONS

**Rise of Siddha Medicine: Causes and constructions in the Madras Presidency (1920-1930s).** *Medical History*, 2023;67(1):42-56.

**Competing narratives: History and Tamil Siddha medicine in colonial times.** *Asian Medicine*, 2022;17:85-114. Brill.

**Reports of Tamil Physicians - In The Usman Report of 1923: Translations of Regional Transmissions, ed. Dagmar Wujastyk and Christele Barois, Electronic Journal of Indian Medicine,** Barkhuis Publishing, University of Groningen, The Netherlands, 2022: 323-511.

**SCHOOL OF SOCIAL  
SCIENCES AND HUMANITIES**



**DEPARTMENT  
OF SOCIAL WORK**



**Dr. N Sivakami**  
Assistant Professor & Head I/C



**Dr. P. Udhayakumar**  
Assistant Professor



**Dr. Chitra KP**  
Assistant Professor



**Dr. Chittaranjan Subudhi**  
Assistant Professor



**Prof. Sigamani Panneer (On Lien)**  
Professor



Assistant Professor

HIGHEST DEGREE

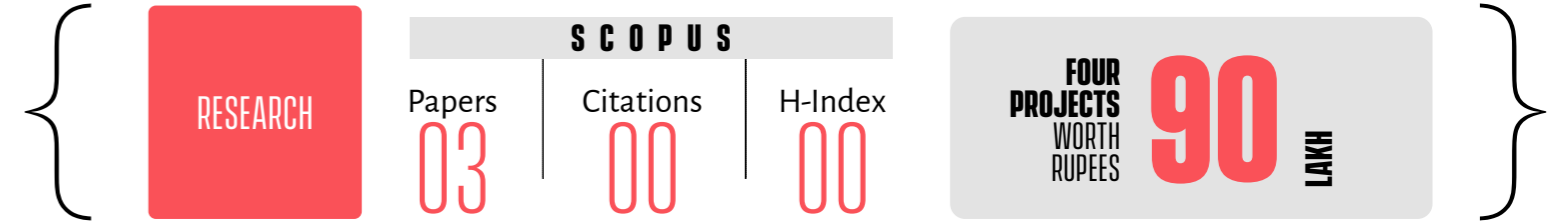
Ph.D. in Social Work in 2010 Bharathidasan University

## DR. SIVAKAMI N.

**D**r Sivakami, currently serving as the Head (i/c) of the Department of Social Work, and the Chairperson of the Gender Sensitivity Cell at the Central University of Tamil Nadu, is a multifaceted academic and administrative leader whose remarkable achievements attest to her dedication and expertise. Dr Sivakami has demonstrated her administrative prowess by assuming the role of Nodal Officer for the Swachh Bharat Abhiyan and leading the Skill Hub Initiative 2022. Her dynamic leadership has played a pivotal role in driving these initiatives to success. Notably, her contributions extend to significant extension activities, such as spearheading a pilot project for vermi-compost, benefiting farmers in the delta region at no cost. She has also organized gender-based awareness programs and has undertaken community resource mobilization for cyclone relief work in remote villages, exemplifying her

commitment to community welfare.

Dr Sivakami's academic accomplishments seamlessly complement her administrative and field expertise. Her groundbreaking paper, 'Mainstreaming Women Self-Help Groups to Promote Social and Solidarity Economy', has been published as part of the United Nations Forum for Promoting Social and Solidarity Economy, a testament to her scholarly acumen. She has successfully completed two funded research projects with three ongoing trans-disciplinary research endeavors. Additionally, Dr Sivakami holds a patent published by the Patent Journal of India. Her impactful policy work in the realm of Social Sciences Research, funded by ICSSR, culminated in the submission of a Policy Document to the National Institute for Disaster Management, New Delhi, outlining community guidelines to mitigate pandemics in rural areas. ●

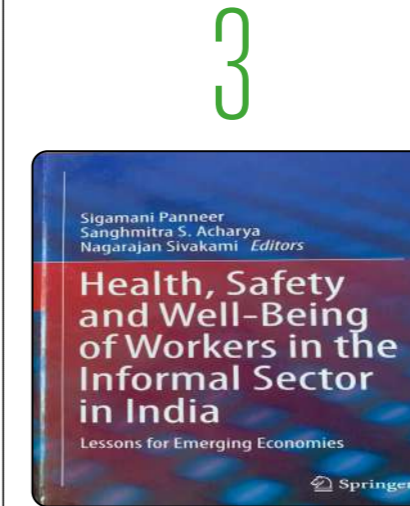


### FACULTY HIGHLIGHTS

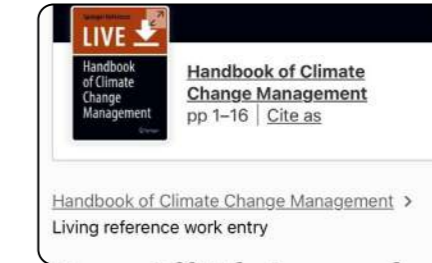
**1**  
Project Investigator for a project on *Menstruation and Myths* funded by the ICSSR, Total budget Rs. 1,50,000.00



**2**  
Paper published in UNTFSS Knowledge Hub, and 14 research publications in the last five years.



One Policy Document on Guidelines to mitigate Pandemic in Rural areas Submitted to NIDM Inventor of Smart Intruder Device-Patent on Defence related Project



**4**  
Project Investigator- Indian Council of Social Sciences Research -Impactful Policy Research in Social Sciences project on *Community Based Participatory Research on the Psycho-Social Impact, Problems and Reality Responses to Disasters: Study on the experiences of Women affected by cyclone (Caja) in Thiruvarur District under the domain health and environment* Project Investigator.

### TOP PUBLICATIONS

**Social constructs of surrogacy-Indian perspective :Health safety and well being of workers in informal sector in India-Lessons for emerging economies**, Springer Publications, Singapore, 2019.

**United Nations Task Force for promoting social; solidarity economy, knowledge hub - Mainstreaming women self-help groups to promote social and solidarity economy-Lessons from rural areas of Tamil Nadu, India**, UNTFSS Knowledge Hub Series, 2019.

**Women self help groups and climate change in the grass-roots: Evidence from Thiruvarur District, South India**. Interdisciplinary publication on United Nations Climate Change Management Series. Springer Nature. Australia, 2020.



Assistant Professor

HIGHEST DEGREE

Ph.D. in Social Work in 2014  
Bharathidasan University

## DR. UDHAYAKUMAR P.

Dr Udhayakumar started his career as a Radio Jockey at the All India Radio, Tiruchirappalli in 2004. He joined the Urumudhanalakshmi College, Tiruchirappalli, as a Lecturer in Social Work after completing his PG degree in 2006. Later, he served the Department of Social Work, Bharathidasan University, Tiruchirappalli as a guest faculty, also completing his PhD degree in parallel. Dr Udhayakumar joined the Department of Social Work, Central University of Tamil Nadu as an Assistant Professor in 2016. He is passionate about working and researching in the field of mental health, community resource mobilization for cyclone relief work in remote villages, exemplifying her commitment to community welfare.

He has extensively contributed to social work practice in mental health through his publications, and has convened several outreach programmes. Besides establishing

research networks, Dr Udhayakumar has worked closely with several NGOs as a social worker and counsellor. He maintains a strong interest in developing innovative interventions for adolescents struggling with addictions, including tobacco and alcohol. Dr Udhayakumar values his prolonged engagement with counselling services, particularly as a Counsellor in the Juvenile Justice Board and Family Court, both as a student counsellor and most recently, as a member of the District Level Inspection Committee of the District Child Protection Unit in Thiruvarur. ●

### FACULTY HIGHLIGHTS

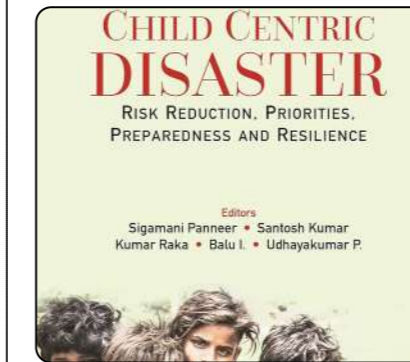
1

Working on several projects promoting mental health among school children, and children in conflict with the law in association with District Child Protection Unit (DCPU), Institute of Social Defense, Government of Tamil Nadu.

2

Honored by the Juvenile Justice Board, District Court, Thiruvarur for offering counselling service to child in conflict with law.

3



His academic specialization in Medical and Psychiatric Social Work gave him an inclination to research mental health issues impacting children, adolescents and the elderly.

### TOP PUBLICATIONS

**Psychological well-being among the college students.**  
*Journal of Social Work Education and Practice*, 2018;3(2):79- 89.

**Depression, anxiety, stress, and resilience among the primary survivors of natural disaster: A study with special reference to Kerala Flood.**  
*Indian Journal of Social Psychiatry*, 2021;37(4):388-93.

**Gendered domestic violence and abuse in popular culture,**  
*European Journal of Social Work*, 2022;25(3):554-6.

**Health, economic and social development challenges of the COVID-19 pandemic: Strategies for multiple and interconnected issues.**  
*Health-care*, 2022;10(5):770.



Assistant Professor

HIGHEST DEGREE

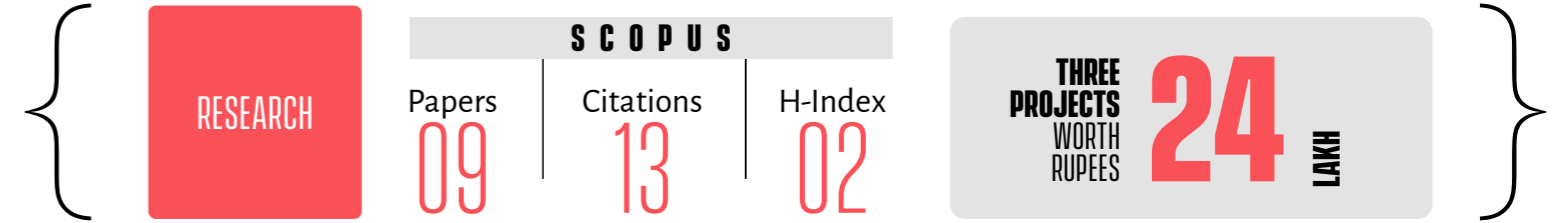
Ph.D. in Social Work  
Tata Institute of Social Sciences

## DR. CHITRA K.P.

**D**r Chitra Karunakaran Prasanna joined as Assistant Professor with the Department of Social Work, School of Social Sciences and Humanities, Central University of Tamil Nadu in 2016. She graduated in Social Work from Rajagiri College of Social Sciences, Kerala, and completed her doctoral studies in Social Work from the Tata Institute of Social Sciences, Mumbai. She also underwent academic training at the School of Social Sciences, University of Tampere, Finland during a Ph.D. Exchange Programme with scholarship provided by the TISS and the University of Tampere.

She has more than five years of experience in the voluntary sector in participatory action research in integrated water resource management and ecological restoration projects in addition to ten years of teaching experience in Social Work. Her interest areas predominantly fall in the domains of environment and

development, green social work, qualitative research, social policy and gender studies. She has contributed to the development of elective papers in the department like 'Green Social Work' covering the global and national ecological discourses and 'Gender and Development' covering issues concerning gender justice and equity contributing to critical social work education. Her research interests are concentrated on environment policy and legislation, dynamics of socio-ecological systems, gender rights and informal sector. She has publications with reputed publishing groups like SAGE, Wiley and Sons, Taylor and Francis/Routledge and Springer on her interest areas. She has visited the University of Oxford and the Stockholm University for academic paper presentations with fellowships. Chitra is also recognised as a Malayalam poet and has published poetry in several reputed anthologies and magazines.●



### FACULTY HIGHLIGHTS

- 1 She has more than five years of experience in the voluntary sector in participatory action research in integrated water resource management and ecological restoration projects in addition to ten years of teaching experience in Social Work
- 2 She has contributed to the development of elective papers in the department like 'Green Social Work' covering the global and national ecological discourses and 'Gender and Development' covering issues concerning gender justice and equity contributing to critical social work education
- 3 Dr. Chitra is also recognised as a Malayalam poet and has published poetry in several reputed anthologies and magazines. She has visited the University of Oxford and the Stockholm University for academic paper presentations with fellowships.

### TOP PUBLICATIONS

**Impact of Covid-19 on informal sector: A study of women domestic workers in India.**  
*The Indian Economic Journal*, 2021;69(3):441-61.

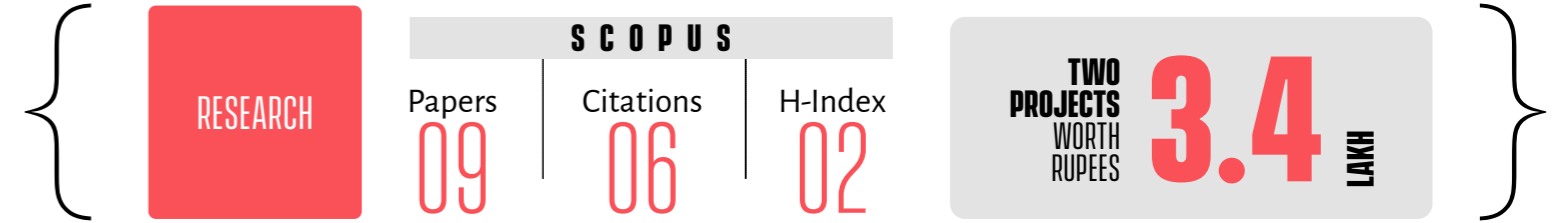
**Manifestations of violence: Case study of Moolampilly eviction for a development project in Kerala.** Environmental Defenders Deadly Struggles for Life and Territory (Ed. Mary Menton, Philippe Le Billon). Routledge, 2021.

**Fragmented discourses: The Indian digital public sphere in a post-truth era.** *Society*. Springer. 2023.

**Integrating sustainable development goals into environment impact assessment in India: A conceptual analysis.** *Sustainable Development*. Wiley, 2023.







Assistant Professor

HIGHEST DEGREE

Ph.D. in Social Work in 2021 National Institute of Technology Rourkela

## DR. CHITTARANJAN SUBUDHI

Dr Chittaranjan Subudhi is working as an Assistant Professor in the Department of Social Work, School of Social Sciences and Humanities at the Central University of Tamil Nadu. He has a bachelor's degree in commerce and a master's degree in social work from the Utkal University, Odisha.

He has completed his PhD in Mental Health from the Department of Humanities and Social Sciences, National Institute of Technology Rourkela. He has conducted research in various areas like health and mental health, indigenous social work, family and child welfare, disability studies, women studies and tribal issues. He teaches psychiatric social work, working with individuals and communities, qualitative research, ICTs in social development and health system management. He has written many articles including conference papers and has published in national and international reputed peer-reviewed journals. He has written many

articles including conference papers and has published in national and international peer-reviewed journals, including Elsevier, Springer, SAGE, Routledge, Taylor and Francis, Web of Science, UGC-CARE and other Scopus-indexed journals. ●

### FACULTY HIGHLIGHTS

1 Best Paper Award, (ISPSW Best Paper Award for Social Work Faculty), 39th Annual Conference of Indian Society of Professional Social Work (ISPSW), 20th March, 21.

2 Conducting research in Community Mental Health and Illness, Medical Anthropology, Tribal Health, Disability Issues, Women Studies, Family and Child Welfare, Indigenous Social Work.



3 Scholar with the highest Google Scholar citations in the department.

4 Author of the several text/edited books published by international and national publishers of repute.

5 Served as a question paper setter and Member in the BoS of several academic institutions.

### TOP PUBLICATIONS

Willingness on hospital stay among the tribal patient with mental illness and their caregivers. *Journal of Psychosocial Rehabilitation and Mental Health*, 2020;7(2):183-7.

Pattern and determinants of maternal and child health care among tribals: With a special reference to Tribal regions of Odisha, *Journal of Development Policy and Practice*, 2020;5(2):167-183.

Medical anthropology and epidemiology: a collaborative venture for mental health research in India. *International Review of Psychiatry*, 2021;33(1-2):29-36.

RESEARCH AREAS  
Mental Health, Medical Anthropology, Tribal Health, Disability Issues, Women Studies, Family and Child Welfare, Indigenous Social Work

### GOOGLE SCHOLAR



**SCHOOL OF SOCIAL  
SCIENCES AND HUMANITIES**



**DEPARTMENT  
OF TAMIL**



**Dr. G. Ramesh**  
Associate Professor & Head



**Prof. P. Velmurugan**  
Professor



**Prof. S. Ravi**  
Professor



**Dr. K. Jawahar**  
Assistant Professor



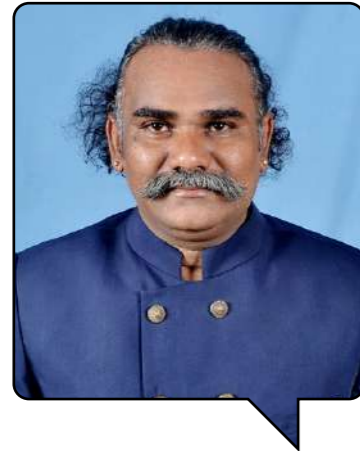
**Dr. P. Kumar**  
Assistant Professor



**Dr. S. Subash**  
Assistant Professor



**Dr. V. Rameshkumar**  
Assistant Professor



Associate Professor

HIGHEST DEGREE

Ph.D. in Tamil in 2006 Bharathiar University

## DR. G. RAMESH

Originally hailing from Namakkal, Dr Ramesh received his PhD from the Bharathiar University, Coimbatore, India in 2006, in the area of Folklore. His fields of specialization are Classical Literature, Grammatical Studies, and Folklore. He has vast experience in Folk and Modern Theatre for over the last 16 years. He is a Life Member of the Folklore Society of South Indian Languages (FOSSILS), since 2012.

He boasts of 75 scholarly publications and five books in Tamil literature. Dr Ramesh has supervised 24 MPhil researchers and six PhD graduates. He is a recipient of the International Best Researcher Award in 2021, and the National

Senior Scientist Award in 2022 from reputed institutions. He is currently the Associate Professor and Head of the Department of Tamil, School of Social Science and Humanities, Central University of Tamil Nadu. ●

### RESEARCH AREAS

Classical Literature, Grammatical Studies, and Folklore

RESEARCH

### FACULTY HIGHLIGHTS

1

Serves as the Deputy Examiner for Online Courses at the International Baccalaureate Organization, IB Global Centre, Cardiff, United Kingdom.



2 Recipient of Best Researcher Award 2021 by the London Tamil Academy of Language and Arts.

3

He has dedicated teaching, acting practice expertise, and owns many research publications.



4

He has a vast collection of cultural materials depicting the regional heritage of the Chola dynasty.



5

Vast expertise in theatre education

### TOP PUBLICATIONS

**The moral qualities of savants that the 'Acharakkovai' conveys.** R Suresh (Ed) *International Research Journal of Tamil*, 2020;2(4):60-6.

**In a statistical approach for Tamil pulavarkal from the 3rd BC to the 3rd AD, the grammars mellinam and idaiyinam were used.** Alimova Sabokhat Gaziyevena. (Ed) *Journal of Positive School Psychology*, 2021;11:756-68.

**Ethirmarai uththigal nokkil sevviyal elakkiyangal.** Dr M Sadik Batcha (Ed) *Modern Thamizh Research*, 2021; 9(4):2644-8.

TOTAL INDUSTRY EXPERIENCE IN YEARS 0

TOTAL TEACHING AND RESEARCH EXPERIENCE IN YEARS 17

BOOKS 05

BOOK CHAPTERS 0

JOURNAL ARTICLES 75



Professor

HIGHEST DEGREE

Ph.D. in Tamil in 2002  
Gandhigram Rural Institute

## PROF. P. VELMURUGAN

Prof Velmurugan is serving in the Department of Tamil, Central University of Tamil Nadu, Thiruvavur, as a Professor, with more than 20 years of PG teaching experience. He is one of the proud recipients of the Young Scholar Award from the Government of India. The Government of Tamil Nadu has also honored him with the Best Author of the Book Award. He has made significant contributions to research on Tamil grammar and linguistics. He owns the honor of having published five books and more than 75 research articles on Tamil Grammar, a relatively uncommon endeavor in present day Tamil scholarship literature.

Prof Velmurugan has created more than 300 e-Contents for the ancient Tamil Grammar of Tolkappiyam (YouTube channel youtube.com/@vel282). Several of his educational lectures on Tamil Literature have been broadcast via the GYAN VANI FM Radio Station. Besides, he has a

vast expertise in documentary-making related to social awareness as well as narrations on Tamil scholars. He has organized several seminars, symposia, workshops, special lecture series and training programmes. Of note, Prof Velmurugan has also convened an Archaeology Exhibition sponsored by the Sahitya Academy, UGC, CICT, Government of Tamil Nadu Museum, and the ICHR in an endeavour to encourage and foster research on Ancient Tamil among the aspiring student community. He is on the Editorial Boards of several journals in his specialization domains.

Prof Velmurugan is a BoS member in reputed educational institutions. Besides, he also serves as the doctoral committee member in various universities and institutions. He has supervised more than twenty PhD/MPhil research scholars apart from over 50 PG project scholars, heretofore. ●

RESEARCH AREAS

Grammatical Theories, Literary Theories, Linguistics, Cultural History

RESEARCH

GOOGLE SCHOLAR

Citations 01 | H-Index 0 | i10index 0

FACULTY HIGHLIGHTS

1

The Government of India and the Government of Tamil Nadu have honored him with the *Young Scholar* and the *Best Author of the Book Awards*, respectively.

2

His research in Tamil grammar/linguistics, and his publication of five books and over 75 research articles on Tamil Grammar, is widely appreciated in the present day Tamil scholarship. He has guided more than 20 PhD/MPhil research scholars' and over 50 PG project students.

3

He has created more than 300 e-Contents in Ancient Tamil Grammar of Tolkappiyam (YouTube channel) – youtube.com/@vel282. He is specialised in documentary production related to creating awareness on social issues.

4

He has served as a NAAC Assessor (since 2020), and UGC-NET-JRF and NTA, and a subject expert for item writing in TCS. He is a Tamil Language Advisor to consultancies for developing e-Content.

5

Vidwan Portal :: <https://vidwan.inflibnet.ac.in/profile/59975>; ID: 59975; Score: 8.1/10; ORCID : <https://orcid.org/0000-0002-9931-2949>

TOP PUBLICATIONS

**Kaḷavaḷi nārpatu - ōr aranūḷ**, *Journal of Classical Thamizh*, 2019.

**Tolkappiyam's courtship and exogamy**, *International Research Journal of Tamil*, 2021.

**Tolkappiyam kattum ka-lavukalathu thalai mak-kalin panpunala uruvakka pinaniyil thanivudaimaiyum anathikamum**, *Manarkeni*, 2022.

**Pierre purthiyin kalam vali bakthi ilakithiyathin athikara seyalpatu**, *Peyal*, 2022.



Professor

HIGHEST DEGREE

Ph.D. in Tamil in 1992  
Pondicherry University

## PROF. S. RAVI

Prof Ravi, a renowned scholar in Tamil Literature, is a Professor of Tamil in the Department of Tamil at the Central University of Tamil Nadu. He has been involved in research in Tamil Literature for more than 32 years, since 1998. He has published more than 140 research articles and 14 research books in the fields of Scientific Tamil, Folklore, Literature, Grammar, Archeology and Epigraphy, and has presented his scholarly findings at various national and international discourses. He has produced ten research scholars, and over 34 MPhil scholars have benefited from his research supervision till date. Prof Ravi has organised many seminars and workshops at national, state, and international levels in collaboration with reputed learned organizations in the field of Tamil. Prof Ravi owns the distinction of having discovered more than 20 archaeological sites in Tamil Nadu, and has published his research findings in more than

200 journals. Further, he has completed a short research project on Megalithic Culture and Hero Stone in Kongu Country in Sangam Literature background in collaboration with the Classical Tamil Research Institute based in Chennai. ●

### RESEARCH AREAS

Tamil Literature, Folklore, Archaeology and Epigraphy

RESEARCH

TWO PROJECTS WORTH RUPEES **3** LAKH

### FACULTY HIGHLIGHTS

1

Discovered over 20 archaeological sites in Tamil Nadu and has published his findings in more than 200 research journals.



2

He holds the honor for having launched a Diploma Course in Epigraphy in 2003 in many Arts Colleges across Tamil Nadu.

3

He has created an Archaeological Museum at the PSG College of Arts and Sciences, Coimbatore, as well as at CUTN, in an endeavor to perpetuate the cultural legacy of the Tamil language. He was the first to introduce a Diploma Course in Epigraphy and Heritage Management at CUTN.



4

He has conducted a project on *Sanga ilakkiya pinpulatthil Kongu naattu perungarkal panbattu chinnangal matrum nadukarkal patriya aaivu*. Received Rs. 2.5 lakh funding support from the Central Institute of Classical Tamil.



### TOP PUBLICATIONS

**Kongu nattil-perungarkaalap panpaatu chinnangal.**  
*Tamzhilkalai*, 2021.

**Chozha mandala kadarkaraipaguthiyul Perungarkaalap panpaatu Chinnangal Kandupidippu.** *Neithal Aaivu*, 2022;7(3):2456-882.

**Tolkāppiyam - poruḷatikāratil kootṟum muṟaikaḷ, Thurairthorum Thamizh, Marutham Kalai ilakiya Maiyam.**  
Kumabakonam, 2020.

**Koṅgu nāṭṭil vaṭṭeluthuk kalveṭṭu kaṇḍupidippu.**  
*Ungal Noolagam*, NCBH, 2020;12(1&2).

TOTAL INDUSTRY EXPERIENCE IN YEARS **0**

TOTAL TEACHING AND RESEARCH EXPERIENCE IN YEARS **32**

BOOKS **14**

BOOK CHAPTERS **105**

JOURNAL ARTICLES **40**



Assistant Professor

HIGHEST DEGREE

Ph.D. in Tamil in 2009  
Bharathiar University

## DR. K. JAWAHAR

Dr Jawahar is an Assistant Professor in the Department of Tamil, School of Social Sciences and Humanities, Central University of Tamil Nadu. His research interests include Classical Tamil Studies, Eco-poetics, Marginal Studies, Comparative Literature and Cultural Studies. He completed his doctoral research on a topic titled Thinai Theory and Tamil Literary Tradition at the Bharathiar University in Coimbatore.

He completed his post-doctoral research at the Central Institute of Classical Tamil, Chennai. He is the recipient of the Presidential Young Scholar Award by the Central Institute of Classical Tamil, Chennai, for his research on Classical Tamil. Several of his research papers have been published in reputed journals, and also as chapters in edited books. Besides, he has also pre-

sented many research papers in seminars and conferences. Dr Jawahar has published seven books, till date. He has conducted international and national level collaborative workshops and webinar series relating to areas such as marginal studies, literary theories and communicative skills in Tamil language.

Dr Jawahar is a member of various academic and administrative bodies. As an authoritative expert in the field of Classical Tamil, he has delivered many invited talks in refresher courses and workshops organized by various universities and colleges in the country. ●

RESEARCH AREAS

Classical Tamil Studies, Eco-poetics, Marginal Studies, Comparative Literature and Culture Studies

RESEARCH

FACULTY HIGHLIGHTS

1

Received Presidential Young Scholar Award 2015 for Classical Tamil Research.

4

Authored seven textbooks in his areas of research and expertise.

2

Bagged Valar Tamil Award from the Tamil Perayam of SRM University, Chennai, in 2013.

3

He has performed as a subject expert in NTA, CTET-CBSE.



TOP PUBLICATIONS

Kovai Gnaniyin Thiranaivu Neri (Co-editor), 2019, PUD-HUPUNAL Publications, Chennai.

Thinaiyunar Paruvam, 2017, Pudupunal Publications, Chennai.

ThinaikKotpadum Tamil Kavithaiyiyalum, 2010, KAAVYA Publications, Chennai, Journals:

The Aesthetic of Thinai Mayakkam – Reading and Extension, Maayan International Journal of Tamil Research, 2023, 3(3).

ThinaiKotpadu - Ulagin Thonmaiya Choozhaliyal Kotpadu, MANARKENI, 2023, 63.



Assistant Professor

HIGHEST DEGREE

Ph.D. in Tamil in 2008 University of Madras

## DR. P. KUMAR

**D**r Kumar has acquired his PhD degree from the University of Madras 2008 on area Lexicon for Machine Translation. His fields of specialization are linguistics, lexicography, Tamil grammar and classical literature. He has developed vast expertise in linguistics and Tamil grammar for over the past 15 years.

Kumar's main research areas are the study of grammatical and linguistic aspects of the classical Tamil literature. He is the Editorial Board Member of the Journal of Modern Thamizh Research. He has published more than 25 research papers in national and international journals. He has delivered many

invited lectures for young Tamil scholars in reputed universities and colleges. He has successfully supervised 25 PG students for project dissertations and two PhD research scholars, till date. He is serving as an Assistant Professor of Tamil at the Central University of Tamil Nadu since 2013. ●

**RESEARCH AREAS**  
Language and Cultural Studies in Tamil  
Classical Literature, Tamil Regional  
Dialect Words Collection

RESEARCH

### FACULTY HIGHLIGHTS

1

He has collated more than 7500 words across various regional dialects of the Tamil language along with PG students.



2

He has created a document, *Anangu* that illustrates minor deities in rural villages of Tamil Nadu and portrays the importance of harnessing cultural values.

3

Dr Kumar has created three regional dialect dictionaries namely *Thaakkol*, *Seruvaadu* and *Kodaappu*.

4

His future academic plan is to compile the Literature of the Ancient Chola Empire, to portray the Tamil scholars and Tamil poets of Thiruvavur, and the heritage sites and the cultural martials of Thiruvavur.



Tamil Regional Dialect words Dictionary

### TOP PUBLICATIONS

**Ethnographic studies of Toda's Ayitha ezhuthu.** *An International Journal of Tamil Studies*, 2017;5(3): 139-44.

**Kuṟuntokai uraiyācīriyarkaḷ - pāṭam, poruḷ kūrūm muṟai.** *Journal of Classical Thamizh*, 2017;5:172-80.

**Moliyiyal nōkkil māṟṟurupum, oruporuḷ pala collum.** *Journal of Modern Thamizh Research*, 2023;11(3):55-61.

**Kālantōṟum tamil akarāti marapu.** *Journal of Classical Thamizh*, 2023;11(3):78-82.



Assistant Professor

HIGHEST DEGREE

Ph.D. in Tamil in 2004 Annamalai University

## DR. S. SUBASH

Dr Subash is an Assistant Professor in the Department of Tamil, School of Social Studies and Humanities, Central University of Tamil Nadu. His research interest includes Silappadhikaaram, intercomparitive studies, socio-cultural aspects, life sources of Tamizhians in the Sangam period, Tholkaappiyar's grammatical theories, studies of family structure, cultural concepts, and traditional activities of the ancient Sangam Tamil Society.

He received his doctoral degree from the Annamalai University at Chidambaram in 2004. He has elaborately studied the Tamil Literary Traditions, and has published three books. Besides, Dr Subash has published a myriad papers in international and national conferences as well as seminars. Besides, he has delivered several invited talks in workshops, refresher cours-

es and conferences, and has organized several research discourses. He is the proud recipient of the 'Silappadhikaaram Thenaruvi Virudhu' for his Silapadhikaaram Research Oration delivered at the Thiruvaiyaaru Thamizhaiyaa Kalvi Kazhagam in 2021. ●

RESEARCH AREAS  
Sangam Literature

RESEARCH

### FACULTY HIGHLIGHTS

1

Coordinator of Swachh Bharat Abhiyan at Central University of Tamilnadu, Ref. CUTN-29(26)/2016.Sec/38 dated on 14-09-2018.



2



Recipient of the Silappadhikaaram Theenaruvi Virudhu from Thamizh Aiyaa Kalvi Kazhagam in 2021.

3

Presented a Research Paper at the 11th World Tamil Research Conference, held at the University of Malaya, Kuala Lumpur, Malaysia in October 2023.



### TOP PUBLICATIONS

**Aingurunootril vaazhviyal sinthanaigal.** *Classical Tamil*, 2018;17:34-7.

**Karpukotpaatil penniyam,** *Aayutha Ezhuththu*, 2019;3:6-4.4.118

**Natrinayil malargal.** *Shanlax International Journals*, 2020;7:101-4.

**Samakaala kavignargalin padaipugal,** *Modern Tamil Research*, 2022;10:274-8.

**A study of conservation of water bodies in Sangam literature.** *International Research Journal of Tamil*, 2022;4.

TOTAL INDUSTRY EXPERIENCE IN YEARS **0**

TOTAL TEACHING AND RESEARCH EXPERIENCE IN YEARS **19**

BOOKS **03**

BOOK CHAPTERS **0**

JOURNAL ARTICLES **07**





Assistant Professor

HIGHEST DEGREE

Ph.D. in Tamil in 2006 Annamalai University

## DR. V. RAMESHKUMAR

Dr Rameshkumar is an Assistant Professor in the Department of Tamil at the Central University of Tamil. He has served as a College Principal for more than ten years at the Sri Vinayaga College of Education in Villupuram. He has more than six years of research experience. His areas of research interest include modern literature, sangam literature, and folklore. He has published three books, nine journal articles, and ten book chapters.

Currently, two PhD students are working for their doctoral degrees under his supervision. Dr Rameshkumar has successfully supervised more than 15 PG projects. He has participated in 15 international and ten national conferences,

apart from ten workshops. He is an ardently enthusiastic teacher who has a zeal for offering practical trainings in folklore to aspirants. He encourages active student participation to explore and document regional and local folklore and traditional legacies. He is actively involved in extending Silambattam training. Besides, he constantly volunteers in promoting traditional cultural events and activities, both within the department as well as beyond the bounds of academia. ●

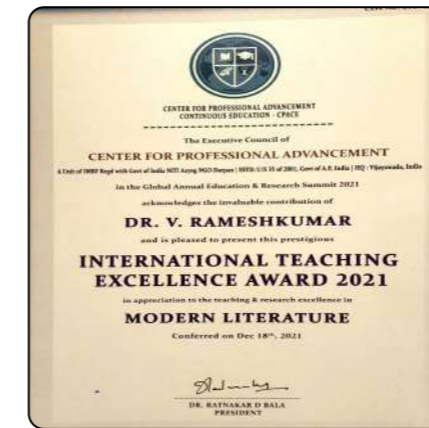
RESEARCH AREAS  
Sangam Literature, Modern Literature, and Folklore

RESEARCH

### FACULTY HIGHLIGHTS

1

Recipient of the *International Teaching Excellence Award* from the Center for Professional Advancement, Vijayawada, in December 2021.



2

Professional trainer of *Silambattam*, a traditional martial art, which emphasises the elegance of the Tamil legacy offering bountiful physical benefits. He regularly organises workshops and demonstrations to perpetuate the ancient art.



3 Presented a paper on *Paḷan-tamiḷar paṅpāḍum Kirēkka paṅpāḍum – Oppāyvu* at the 11th World Tamil Research Conference organized by the International Institute of Tamil Research, Kuala Lumpur, Malaysia, in 2023.

TOTAL INDUSTRY EXPERIENCE IN YEARS 0

TOTAL TEACHING AND RESEARCH EXPERIENCE IN YEARS 14

BOOKS 03

BOOK CHAPTERS 10

JOURNAL ARTICLES 10

### TOP PUBLICATIONS

**Kuruntokaiyil karpu.** *Pudhupunal*, 2023;14(9).

**Kalamtorum Dravida cin-tanaikalum atan paravalakkam.** *International Research Journal of Tamil*, 2022;4(5).

**Pattupattil velippatum marapum panpatum.** *International Research Journal of Tamil*, 2022;4(6).

**Kurinci nilattil pinpulam carnta katcikal.** *Modern Thamizh Research*, 2021;9(3):150-4.

SCHOOL OF  
TECHNOLOGY



# DEPARTMENT OF MATERIALS SCIENCE

DST-FIST SPONSORED DEPARTMENT



**Dr. Sethuraman K.**  
Associate Professor & Head



**Dr. Beer Mohamed S.**  
Associate Professor



**Dr. Preethi Meher K. R. S.**  
Assistant Professor



**Dr. Srinivasan Sampath**  
Assistant Professor



**Dr. Gunasekaran V.**  
Assistant Professor



**Dr. Sasanka Dalapati**  
Assistant Professor



Associate Professor

HIGHEST DEGREE

Ph.D. in Physics in 2008 Anna University

## DR. SETHURAMAN K.

**D**r Sethuraman is an accomplished Associate Professor in the Department of Materials Science at the School of Technology, Central University of Tamil Nadu. With a robust educational background including MSc, MPhil, and PhD in Physics, Dr Sethuraman possesses a profound understanding of materials science at both theoretical and applied levels.

With an impressive professional journey spanning 14 years in teaching and 17 years in research, Dr Sethuraman has made significant contributions to the field. As a mentor, Dr Sethuraman has guided numerous students through their research endeavors. Notably, nine PhD students have successfully completed their research under Dr Sethuraman's guidance, while two PhD theses are currently ongoing.

Additionally, Dr Sethuraman has provided co-guidance for three PhD candidates, enhancing their research experience.

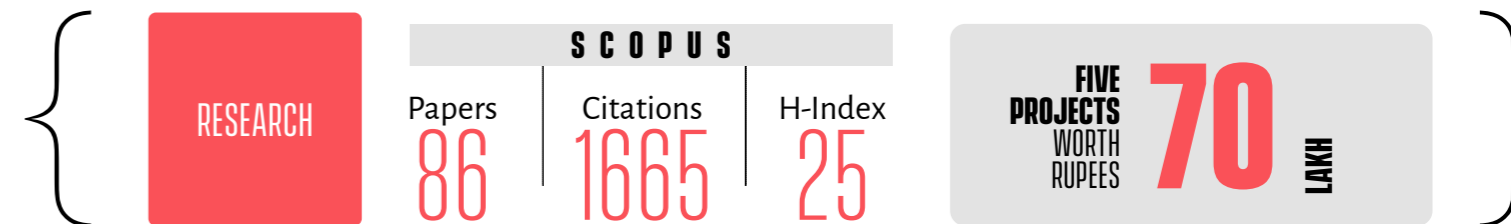
In the realm of MPhil, Dr Sethuraman has supervised 19 students who have completed their programs. Moreover, in the MSc and MTech category, 39 students have benefited from Dr Sethuraman's guidance. ●

### RESEARCH AREAS

Crystal Growth for Scintillator and NLO Applications, Thin Films for Solar Energy Applications and 1D and 2D Nanomaterials Semiconducting Materials

### GOOGLE SCHOLAR

Citations 1.9K | H-Index 26 | i10index 55



### FACULTY HIGHLIGHTS

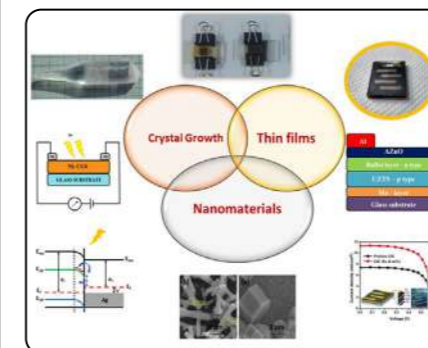
1

Dr Sethuraman has demonstrated exceptional proficiency in the academic and research arena through various prestigious projects.

2

An expert in materials science, specialising in metal oxide and chalcogenides nanostructures and thin films for advanced solar cell technologies.

3



Dr Sethuraman's scholarly contributions are evidenced by an impressive publication record. With a total of 92 publications in renowned journals.

4

In the realm of organic electronics, he focuses on small molecular organic semiconductors for applications in organic field effect transistors.

5

His expertise extends to organic crystal growth techniques, specifically using the Bridgman Crystal Growth method.

### TOP PUBLICATIONS

**Tuning the properties of the CuAl(1-X)FeXSz thin film as a potential absorber for solar cell application.** *ACS Applied Energy Materials*, 2020; 3(11): 10550-10559.

**Direct sunlight-driven enhanced photocatalytic performance of V2O5 nanorods/graphene oxide nanocomposites for the degradation of Victoria blue dye.** *Environmental Research*, 2021; 199: 111369.

**The upsurge of absorption coefficient in CuInS2 thin film with Ru doping: an energetic absorber layer in a superstrate solar cell.** *Materials Today Chemistry*, 2022; 26: 101217.

TOTAL INDUSTRY EXPERIENCE IN YEARS 0

TOTAL TEACHING AND RESEARCH EXPERIENCE IN YEARS 21

BOOKS 0

BOOK CHAPTERS 03

JOURNAL ARTICLES 92



Associate Professor

HIGHEST DEGREE

Ph.D. in Materials Science in 1999 University Putra Malaysia

## DR. BEER MOHAMED S.

**D**r Beer Mohamed is currently working as an Associate Professor in the Department of Materials Science, School of Technology, Central University of Tamil Nadu, Thiruvarur. He has served as the Dean (School of Technology) and the Head of the Department of Materials Science. Previously, he has worked as a Professor of Mechanical Engineering, Director of Energy Research Center at the BS Abdur Rahman Crescent University, Chennai.

He has the privilege of having worked for 21 years in reputed research laboratories overseas (AIST, Japan), Nagoya University (Nobel Prize for blue LED 2013) in Japan, Oklahoma University, USA, National University of Singapore, University Putra Malaysia and King Faisal University, Saudi Arabia. He has won many national and international fellowships and

awards. Mentioned herein are a few: The NEDO Fellowship (Highest Fellowship Award), Japan, VBL Fellowship Japan, Best Researcher Award, Best Scientist Award, Best Thesis Award. Dr Mohamed has supervised two PhD students and 30 MTech graduates, and has published and presented more than 120 research papers peer-reviewed international journals and conferences. His area of interests includes nanotechnology, III-V semiconductors, high Tc superconductors, Li ion batteries, solar cells, composites and high entropy alloys. ●

### RESEARCH AREAS

Nanotechnology, III-V Semiconductors, High Tc Superconductors, Lithium Ion Batteries, Solar Cells, Composites and High Entropy Alloys

### GOOGLE SCHOLAR

Citations **1.2K** | H-Index **18** | i10index **23**



Papers **27**

### SCOPUS

Citations **255**

H-Index **14**

FIVE PROJECTS WORTH RUPEES

**3.0** CRORE

### FACULTY HIGHLIGHTS

1

Outstanding Scientist Award in 2020.



2 Leadership Award from the Society of Automobile Engineers (south section) in 2022 and 2023.

3



Treasurer at the Society of Automobile Engineers (Thanjavur Division from 2018 onwards).

4

President of MHRD- Institute Innovation Council (MHRD-IIC) from 2019 onwards.

5

Served as Dean, School of Technology and Head, Department of Materials Science (2018-2021).

### TOP PUBLICATIONS

**Significance of microbial genome in environmental remediation, *Microbial Research*, 2023; 271: 127360.**

**Advances in preparation, mechanism and applications of various carbon materials in environmental applications: A review. *Chemosphere*, 2022; 134596.**

**Enhancing the photocatalytic performance of surface-treated SnO<sub>2</sub> hierarchical nanorods against methylene blue dye under solar irradiation and biological degradation. *Environmental Research*, 2022; 112821.**



Assistant Professor

HIGHEST DEGREE

Ph.D. in Multiferroic Materials in 2012 Indian Institute of Science Bangalore

## DR. PREETHI MEHER K. R. S.

**D**r Preethi Meher is currently an Assistant Professor at the Department of Materials Science, School of Technology, Central University of Tamil Nadu located in Thiruvavur district. She completed her PhD at the Materials Research Center, Indian Institute of Science Bengaluru in the year 2012. She is a visiting Fulbright Kalam Climate Change Fellow at Professor Rick Ubic's laboratory at Micron School of Materials Science and Engineering at Boise State University, USA for the year 2023-24.

Before joining CUTN, She was a CNRS postdoctoral Researcher at the Laboratoire CRISMAT, Caen from 2013-14, and later served as a Research Associate at the Materials Science Division of IGCAR Kalpakkam. She has been awarded UGC-DAE-CSR Collaborative research

project for 2022-25. She is a life member of the Materials Research Society of India. Her research group focuses on synthesis, structural, and property correlations in novel perovskite halide compositions for photovoltaics. She has published 20 peer-reviewed journal articles, and has presented several papers at international, and national conferences and workshops apart from serving as an invited speaker in various faculty development programs. There are two PhD students and one Project Fellow working her research group at CUTN. ●

**RESEARCH AREAS**  
Perovskite Halides, Single Crystals, Multifunctional Ceramics, Structure-Property Correlation

### GOOGLE SCHOLAR

Citations **365** | H-Index **10** | i10index **11**

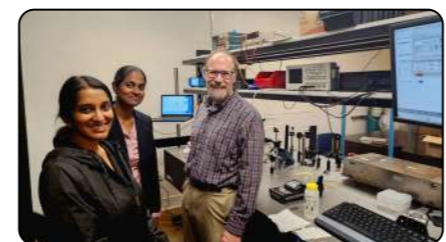
RESEARCH

Papers **17** | Citations **245** | H-Index **08**

THREE PROJECTS WORTH RUPEES **12** LAKH

### FACULTY HIGHLIGHTS

**1**  
News18 Online News magazine report on Dr Preethi Meher as a recipient of two prestigious international awards in her career.



**2** Invited talk at the College of Engineering, Oregon State University and visit to Dr Niramala Kandada's lab at OSU on 3rd November 2023.

**3**  
Visiting Fulbright Faculty at Professor Rick Ubic's lab at Boise State University, USA from August to November 2023.



**4**  
Technical presentation at the Magnetism and Magnetic Materials Conference organized by American Institute of Physics at Dallas on 2nd November 2023.



### TOP PUBLICATIONS

**Structural, optoelectronic and electrochemical behavior of the mechanochemically synthesized CsPb<sub>1-x</sub>NaxBr<sub>3</sub> (x= 0 to 0.15), Journal of Solid State Chemistry, 2023; 323: 123997.**

**Microstructure evolution and phase , analysis of Sm<sub>60</sub>Ni<sub>40</sub> alloy, Journal of Magnetism and Magnetic Materials, 2023; 566: 170323.**

**Hydrothermal synthesis of perovskite CsPbBr<sub>3</sub>: Spotlight on the role of soichiometry in phase formation mechanism, Journal of Electronic Materials, 2022; 51: 3466–3475.**

TOTAL INDUSTRY EXPERIENCE IN YEARS **0** | TOTAL TEACHING AND RESEARCH EXPERIENCE IN YEARS **17** | BOOKS **0** | BOOK CHAPTERS **0** | JOURNAL ARTICLES **20**

RESEARCH



Assistant Professor

HIGHEST DEGREE

Ph.D. in Supramolecular Chemistry Functional Materials in 2010 Kerala University-NIIST Trivandrum

## DR. SRINIVASAN SAMPATH

Dr Srinivasan Sampath completed his MSc (Chemistry) from the IIT Madras in 2005. He cleared the CSIR-UGC-JRF-NET examination in 2004. Subsequently, he completed his PhD from NIIST, Trivandrum in 2010. Subsequently, he joined Sir Fraser Stoddart's (Nobel Laureate of Chemistry in 2016; <https://chemistry.northwestern.edu/people/core-faculty/profiles/j-fraser-stoddart.html>) group at the Northwestern University, USA, as a post-doctoral scientist between 2010 and 2012.

Later, he joined Prof. Ali Coskun's group at Korea Advanced Institute of Science and Technology (KAIST) in South Korea (2013-14). Dr Sampath received the DST-INSPIRE Faculty award in 2014 and joined CSIR-CLRI, Chennai (2014-16). In 2016, he joined the Department of Materials Science, Central University of Tamil Nadu. His fields of specialization are design and synthesis of highly conjugated molecules with

strong fluorescence in solution state as well as in solid state for energy and environment applications. Dr Sampath has vast experience in handling carbon nanomaterials such as carbon nanotubes, graphene, graphene oxide, RGO, and Fullerenes. He has vast experience working with organo-gels, hydro-gels, ionic-gels, hybrid-gels, xerogels, nanocomposites, etc. These materials are used in optoelectronic applications. He has 17 years of research and teaching experience. He is the recipient of a young scientist award from the Academy of Sciences, Chennai, for his contribution to chemical sciences. He has been granted four US patents to his credit till date. Dr Sampath has supervised more than 22 MTech, BTech, and MSc project students, and is currently supervising two PhD and two MTech students. ●

**RESEARCH AREAS**  
Hybrid Function Materials, Self Assembly, Optoelectronic Devices, Polymer, Gels, Smart Materials

GOOGLE SCHOLAR

Citations **3.2K** | H-Index **19** | i10index **21**

**RESEARCH** Papers **30** | Citations **2108** | H-Index **19**

**SCOPUS**

**TWO PROJECTS WORTH RUPEES 35 LAKH**

FACULTY HIGHLIGHTS

**1**  
Recipient of Young Scientist Award from the Academy of Sciences, Chennai, for his contribution to the field of Chemical Sciences in 2018.



**2**  
Discovered a unique cold crystallization property of butterfly shaped tetrabenzofluorene molecules.

**3**

Bacterial cellulose-based hybrid materials for day-today life applications.



**4**  
Invented highly water-repellent surfaces akin to that of lotus leaf, and has four granted US patents and received DST-INSPIRE Faculty Award.

**5**  
His group works in developing smart windows and displays for energy storage and environment-related applications.

TOP PUBLICATIONS

**Bacterial cellulose: A promising biopolymer with interesting properties and applications, *International Journal of Biological Macromolecules*, 2022; 220: 435.**

**Copper (0) mediated single electron transfer-living radical polymerization of methyl methacrylate: Functionalized graphene as a convenient tool for radical initiator, *Polymers*, 2020 ; 12: 874.**

**Isothermal and non-isothermal cold crystallization of tetrabenzofluorene (TBF) molecules, *New Journal of Chemistry*, 2019; 43: 4500.**

TOTAL INDUSTRY EXPERIENCE IN YEARS **0** | TOTAL TEACHING AND RESEARCH EXPERIENCE IN YEARS **13** | BOOKS **0** | BOOK CHAPTERS **01** | JOURNAL ARTICLES **30**



Assistant Professor

HIGHEST DEGREE

Ph.D. in Materials Science in 2011 Jeju National University, South Korea

## DR. GUNASEKARAN V.

Dr Gunasekaran is working as an Assistant Professor in the Department of Materials Science, School of Technology at the Central University of Tamil Nadu since August 2016. Earlier, he has worked as a JSPS post-doctoral research fellow in Solid State Electronics Laboratory, Research Institute of Electrical Communication at Tohoku University, Japan from 2014 to 2016. He has also worked at the Karunya University as an Assistant Professor of Nanotechnology between 2011 and 2014. .

In 2019, he bagged the INSA-Visiting Scientist Award that rendered him to visit the University of Szeged, Hungary to pursue research for a period of three months. He has completed his Master's degree in Materials Science from the PSG College of Technology, Coimbatore. He earned his PhD degree (Specialisation: Materials Science and Nanotechnology) from the Jeju National University, South Korea. His PhD thesis

was adjudged the best thesis in the concerned research discipline. Dr Guna has received several awards notably the Best Teaching Faculty National Award, Best Researcher Award, Best Teacher Award, and the Best Achievers Award. He has four major sponsored projects with an outlay of 75 Lakhs from DST, UGC and UGC-DAE-CRS. He has published 78 ISI research publications (Scopus-indexed) in international journals and seven book chapters. He has guided four PhD scholars and 40 PG students for their project works. He has garnered 2298 citations with an h-index 21 and an i10-index of 33. His research interests include research on 2D carbon nanomaterials for various engineering applications such as wastewater treatments, supercapacitors/clean energy storage, and harvesting applications. ●

RESEARCH AREAS

2D nanomaterials, Graphene/ Graphene-Oxide, MEMS/NEMS Devices, Super-Capacitors, Low-Dimensional Nanostructures Electrical Transport Studies

GOOGLE SCHOLAR

Citations 2.3K | H-Index 21 | i10index 34

RESEARCH

Papers 71 | Citations 2217 | H-Index 24

SCOPUS

FOUR PROJECTS WORTH RUPEES 77 LAKH

FACULTY HIGHLIGHTS

1

Serving as NSS Coordinator (Since 2021) in the Central University of Tamil Nadu and as NSS Program Officer from 2011-20 (11 yrs).



2 Recipient of Best Teaching Faculty National Award (2020) from Dr Kalam Educational Trust, Chennai.

3



Recipient of INSA-Visiting Scientist Award (2019) from Government of India, to visit Hungary for 3 months under the Bilateral Scientist Exchange Programme.

4



Recipient of Best PhD Thesis –The Honorable Mention Research Achievement Award (2011) given by the President, Jeju National University.

5

Recipient of Best Researcher Award (2013), Best Teacher Award (2012), Best Researcher Award (2012), Best Research Paper Award.

TOP PUBLICATIONS

Enhanced green H<sub>2</sub> generation using biomass-derived nitrogen-doped carbon dots incorporated with rare earth metal hydroxide (Gd(OH)<sub>3</sub>) nanorods, *International Journal of Hydrogen Energy*, 2023

Electron transfer behavior of green synthesized carbon quantum dot sensor towards VOC and heavy metal ion sensing, *Materials Science and Engineering B*, 2022; 28: 115792.

Study of photocatalytic degradation efficiency of rGO/ ZnO nano-photocatalyst and their performance analysis, *Journal of Environmental Chemical Engineering*, 2022; 10: 107293.



Assistant Professor

HIGHEST DEGREE

Ph.D. in Chemistry in 2012 University of Calcutta

## DR. SASANKA DALAPATI

Dr Sasanka Dalapati received his MSc (2008) and PhD (2012) degrees in chemistry from the University of Calcutta, India. He was awarded a highly competitive IMS (Institute for Molecular Science) Post-Doctoral Fellowship, and has served as an IMS Fellow (2013-2015) at the Department of Materials Molecular Science, IMS, Japan. He is the recipient of the prestigious JSPS (Japan Society for the Promotion of Science) post-doctoral fellowship from the same research group.

He worked at the IMS and JAIST (Japan Advanced Institute of Engineering Science and Technology), Japan between 2015 and 2017. In 2017, he returned to India after bagging an independent DST-INSPIRE faculty position to serve in the Department of Chemistry, IIST (Indian Institute of Engineering Science and Technology), Shibpur (2017-20). He was awarded the highly competitive and prestigious

Marie-Curie Fellowship in 2018 and continued his research career at the Department of Chemistry, Ghent University, Belgium (2019-20). He has served at the Institute of Chemical Technology (ICT) - Indian Oil Odisha Campus, Bhubaneswar, India, as an Assistant Professor (2020).

Since June' 2020, he is serving at the Department of Materials Science, School of Technology, Central University of Tamil Nadu as an Assistant Professor. In 2021, he has established an Advanced Functional Materials and Photochemistry (AFMPL) lab under DST-INSPIRE faculty scheme at the Department of Materials Science. The primary aim of establishing the laboratory is to provide research opportunities for students and researchers from various disciplines. His research group is focusing on various organic materials, including small molecules to polymers (2D) design, synthesis and fabrication of their composites and water purification to fulfil sustainable goals. ●

### RESEARCH AREAS

Advanced Functional Materials, Light Emitting Materials, Photochemistry, Photocatalysis, Sensors, Porous Organic Polymers for Energy and Environment, Water Purification, Gas Adsorption

### GOOGLE SCHOLAR

Citations 5.7K | H-Index 27 | i10index 43

RESEARCH

Papers 50 | Citations 5.4K | H-Index 27

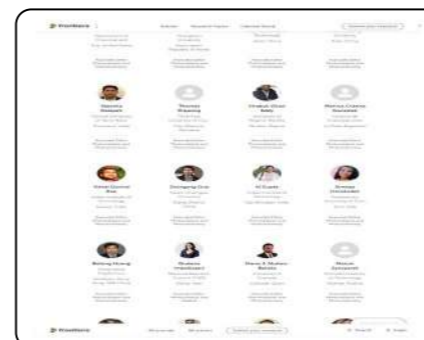
SCOPUS

TWO PROJECTS WORTH RUPEES 58 LAKH

### FACULTY HIGHLIGHTS

1

Received two external research projects worth 58.404 Lakhs.



2 Associate Editor, Photocatalysis and Photochemistry, Frontiers in Chemistry, 2022-2023.

3



Invited keynote speaker in 4th ISSCA (India Sakura Science Club Alumni Association) Meeting, titled *Promotion of Indo-Japanese Intercultural Exchange Programs for Catalyzing Greater Advancements in Science and Technology*, 17th Sept, 2022.



4 Recipient of the Inspire Faculty Award in 2017.

5

Coauthor of 47 peer-reviewed research publications and one book chapter, i-10 index of 43.

### TOP PUBLICATIONS

Non-fluorinated and robust superhydrophobic modification on covalent organic framework for crude-oil-in-water emulsion separation. *Angewandte Chemie International Edition.*, 2022; 61.

A metal-free reduced graphene oxide coupled covalent imine network as anode material for lithium ion batteries. *Energy Advances*, 2022; 1: 697-703.

Metal-free chemoselective reduction of nitroarenes catalyzed by covalent triazine frameworks: The role of embedded heteroatoms. *ACS Applied Materials and Interfaces*, 2022; 14: 15287-15297.



