Established in 2009, the surge and success of the Central University of Tamil Nadu in Thiruvur in the crucial first decade of its existence has been both momentous and monumental, charting a success story for itself and setting a decisive growth anumus for this institution of higher education. Starting with just one programme and eight students, CUTN can now boast of phenomeneral development with 73 programmes and over 2000 students in such a short spell. In the past five years alone, 51 programmes were introduced and 19 new departments were instituted.

From the introduction of new programmes and curriculumic innovation to research infrastructure development and faculty capacity building, the university has trained its focus in the right areas, and as a result, it has witnessed a huge rise in popularity across the nation drawing the best of minds from the far corners. For the 500-odd seats available this year, CUTN received over 80,000 applications. CUTN represents over 23 Indian states apart from attracting foreign students. It is such an extraordinary success that we are celebrating in this document, by recording the publications of the CUTN fraternity in the past 10 years.
Research heritage of a decade

The publication of Decennial Publications 2009-19: Volume II is of historic importance. The research heritage of a decade reverberating through several disciplines ever since the establishment of the Central University of Tamil Nadu has been documented in this monumental research publication. Francis Bacon, the renowned Philosopher and Statesman has very aptly observed “Reading makes a Full Man; Writing makes an Exact Man”. The English novelist Somerset Maugham once said “We don’t write because we want to; we write because we have to”. Among the many duties of Higher Education professionals, the duty to write and publish is a binding one. Research is incomplete until it has been published. In fact, we may even go so far as to say that research completed and not published is the same as research not done at all. It is not only essential to pursue a research question with enthusiasm and dedication, but it is equally important to have the perseverance to publish those research findings. Publishing allows authors to share with the Academic community their original findings and breakthroughs. The desire to publish also ensures that the authors keep themselves updated with the latest research and practices. This not just helps expand knowledge, but is also today inextricably linked with peer recognition, institutional recognition, career innovation and advancement including promotions. It also ensures that we leave behind a documented heritage of our findings and accomplishments for generations to come. As a result of the “Publish or Perish” agenda, publishing research will not only allow one to build credibility amongst his fellow colleagues but it will also ensure that the authors keep themselves updated with the latest research and practices. By rising to the occasion, they will also act as good role models to their students, thereby instilling in them the desire to get involved in quality research which ultimately helps the society at large.

The Heart Throb of any University is Research. Knowledge Generation and Knowledge Dissemination are the touchstones which testify the effectiveness of a University. The Central University of Tamil Nadu has played a noteworthy role in meeting the knowledge needs and research needs at the national level over a period of ten years of time. This new University, within a short time since its inception, could publish papers in reputed and high impact journals like Nature and Lancet Infectious Diseases.

The research publications of CUTN have achieved the H-index of 29 with a total impact factor of 596. Perhaps the ten year old and yet modern of the Centre of Learning in the Southern part of our country, the Central University of Tamilnadu is now looking back with pride, the path it has traversed over a decade. We feel proud of our achievements. But we fully realise that the tasks to be carried out are many, we have no time to rest on our past glories and we should strive harder to render better service to the society. I have no doubt that the Faculty of CUTN will continue to keep up the glorious tradition of guiding as well as accomplishing the research goals of the University.

I wish and hope that this preeminent Institution will continue to grow on sound and modern lines in the years to come with major breakthrough achieved in frontier areas. I would like to record my appreciation for the Efforts and Fains taken by the Decennial Publication Committee led by Prof. R. Karpaga Kumaravel in preparing the second volume of this historic Decennial publication.

Prof. A. P. Dash
Vice-Chancellor, Central University of Tamil Nadu.
CUTN’s School of Basic and Applied Sciences recorded its first publications in 2012, with 12 publications in UGC-listed and other international peer-reviewed journals and a total impact factor of 33.

Established in 2010, the School of Basic and Applied Sciences opened with the Department of Physics.
Sivakumar, D., Thanusu, J., Kanagarajan, V., Nagarajan, S., Manikanthan, H., Gopalakrishnan, M. (2019). One-Pot Synthesis of 2-Hydronaphthalen-1-amine (Law- 

2017
Abdalrazzaq, F., Venkatesan. Ch., Chellamass, M., & Nagaraja- 
Sivakumar, D., Thanusu, J., Kanagarajan, V., Nagarajan, S., Manikanthan, H., & Gopalakrishnan, M. (2019). One-Pot Synthesis of 2-Hydronaphthalen-1-amine (Law- 

2017
Abdalrazzaq, F., Venkatesan, Ch., Chellamass, M., & Nagaraja- 
Sivakumar, D., Thanusu, J., Kanagarajan, V., Nagarajan, S., Manikanthan, H., & Gopalakrishnan, M. (2019). One-Pot Synthesis of 2-Hydronaphthalen-1-amine (Law- 

2017
Abdalrazzaq, F., Venkatesan, Ch., Chellamass, M., & Nagaraja- 
Sivakumar, D., Thanusu, J., Kanagarajan, V., Nagarajan, S., Manikanthan, H., & Gopalakrishnan, M. (2019). One-Pot Synthesis of 2-Hydronaphthalen-1-amine (Law- 

2017
Abdalrazzaq, F., Venkatesan, Ch., Chellamass, M., & Nagaraja- 
Sivakumar, D., Thanusu, J., Kanagarajan, V., Nagarajan, S., Manikanthan, H., & Gopalakrishnan, M. (2019). One-Pot Synthesis of 2-Hydronaphthalen-1-amine (Law- 

2017
Abdalrazzaq, F., Venkatesan, Ch., Chellamass, M., & Nagaraja- 
Sivakumar, D., Thanusu, J., Kanagarajan, V., Nagarajan, S., Manikanthan, H., & Gopalakrishnan, M. (2019). One-Pot Synthesis of 2-Hydronaphthalen-1-amine (Law- 

2017
Abdalrazzaq, F., Venkatesan, Ch., Chellamass, M., & Nagaraja- 
Sivakumar, D., Thanusu, J., Kanagarajan, V., Nagarajan, S., Manikanthan, H., & Gopalakrishnan, M. (2019). One-Pot Synthesis of 2-Hydronaphthalen-1-amine (Law- 

2017
Abdalrazzaq, F., Venkatesan, Ch., Chellamass, M., & Nagaraja- 
Sivakumar, D., Thanusu, J., Kanagarajan, V., Nagarajan, S., Manikanthan, H., & Gopalakrishnan, M. (2019). One-Pot Synthesis of 2-Hydronaphthalen-1-amine (Law- 

2017
Abdalrazzaq, F., Venkatesan, Ch., Chellamass, M., & Nagaraja- 
Sivakumar, D., Thanusu, J., Kanagarajan, V., Nagarajan, S., Manikanthan, H., & Gopalakrishnan, M. (2019). One-Pot Synthesis of 2-Hydronaphthalen-1-amine (Law- 

2017
Abdalrazzaq, F., Venkatesan, Ch., Chellamass, M., & Nagaraja- 
Sivakumar, D., Thanusu, J., Kanagarajan, V., Nagarajan, S., Manikanthan, H., & Gopalakrishnan, M. (2019). One-Pot Synthesis of 2-Hydronaphthalen-1-amine (Law- 

2017
Abdalrazzaq, F., Venkatesan, Ch., Chellamass, M., & Nagaraja- 
Sivakumar, D., Thanusu, J., Kanagarajan, V., Nagarajan, S., Manikanthan, H., & Gopalakrishnan, M. (2019). One-Pot Synthesis of 2-Hydronaphthalen-1-amine (Law- 

2017
Abdalrazzaq, F., Venkatesan, Ch., Chellamass, M., & Nagaraja- 
Sivakumar, D., Thanusu, J., Kanagarajan, V., Nagarajan, S., Manikanthan, H., & Gopalakrishnan, M. (2019). One-Pot Synthesis of 2-Hydronaphthalen-1-amine (Law- 

2017
Abdalrazzaq, F., Venkatesan, Ch., Chellamass, M., & Nagaraja- 
Sivakumar, D., Thanusu, J., Kanagarajan, V., Nagarajan, S., Manikanthan, H., & Gopalakrishnan, M. (2019). One-Pot Synthesis of 2-Hydronaphthalen-1-amine (Law- 

2017
Abdalrazzaq, F., Venkatesan, Ch., Chellamass, M., & Nagaraja- 
Sivakumar, D., Thanusu, J., Kanagarajan, V., Nagarajan, S., Manikanthan, H., & Gopalakrishnan, M. (2019). One-Pot Synthesis of 2-Hydronaphthalen-1-amine (Law- 

2017
Abdalrazzaq, F., Venkatesan, Ch., Chellamass, M., & Nagaraja- 
Sivakumar, D., Thanusu, J., Kanagarajan, V., Nagarajan, S., Manikanthan, H., & Gopalakrishnan, M. (2019). One-Pot Synthesis of 2-Hydronaphthalen-1-amine (Law- 

2017
Abdalrazzaq, F., Venkatesan, Ch., Chellamass, M., & Nagaraja- 
Sivakumar, D., Thanusu, J., Kanagarajan, V., Nagarajan, S., Manikanthan, H., & Gopalakrishnan, M. (2019). One-Pot Synthesis of 2-Hydronaphthalen-1-amine (Law- 

2017
Abdalrazzaq, F., Venkatesan, Ch., Chellamass, M., & Nagaraja- 
Sivakumar, D., Thanusu, J., Kanagarajan, V., Nagarajan, S., Manikanthan, H., & Gopalakrishnan, M. (2019). One-Pot Synthesis of 2-Hydronaphthalen-1-amine (Law- 


chain with higher order dispersive interactions. Journal of Magnetism and Magnetic Materials, 405, 118-118. (IF: 2.483)
Silva, J. P. B., Queirós, E. C., Tavares, P. B., Sekhar, K. C., Kamakshi, K., Moreira, J. A., & Gomes, M. J. M. (2015). Ferroelectric phase transitions studies in 0.5 Ba (0.2 Ti: 0.8) O: 3-0.5 (Ba: 0.7 Ca: 0.3) TiO: 3 ceramics. Journal of Electroceramics, 35(4-5): 155-160. (IF: 1.666)

2014
Electrochemical investigations on the inhibition of mild steel corrosion in the ground water medium using newly synthesised dole-co-thiophene) on low nickel stainless steel in 0.5 M dioxythiophene) coating on surgical grade stainless tibacterial activity towards prokaryotic strains and in vitro studies. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 451,172-180. (IF: 3.131)


DEPARTMENT OF APPLIED PSYCHOLOGY

2019


2012

14(14): 4713-4723. (IF: 3.567)

Physical Chemistry Chemical Physics, structural stability, chemical bonding, and optical properties of experimentally synthesized isostructural metal–organic framework-10 and its analogues M–IRMOF-10 (M= Zn, Ga, Be, Mg, Ca, Sr and Ba). RSC Advances, 2(4): 1618-1631. (IF: 3.049)


Established in 2017, the School of Behavioural Sciences opened with the Department of Applied Psychology

2017 2018 2019

13 PUBLICATIONS

2009-2019 DECENTRAL PUBLICATION CUTFN's School of Behavioural Sciences has, so far, published as many as 13 papers in UGC-listed and other international peer-reviewed journals. It houses the Department of Applied Psychology

* Till September 2019

In 2019 alone till September, this School recorded eight new publications.
CUTN's School of Commerce and Business Management has, so far, published as many as 22 papers in UGC-listed and other international peer-reviewed journals. It houses the Commerce and Management departments.

22 IN 3 YEARS* 

Total Publications

Established in 2017, the School of Commerce and Business Management opened with two departments.

In 2019 till September, this School recorded one new publication.

Department of Commerce

2019

2018


BOOK PUBLISHED/EDITED


CHAPTER IN BOOK


### DEPARTMENT OF MANAGEMENT

**2018**


2019


2018

2017

2016

2015
Librarianship and Informatics, 1(1).

2017

SCHOOL OF COMMUNICATION

SCHOOL OF EARTH SCIENCES

CUTN’s School of Earth Sciences has, so far, published as many as 18 papers in UGC-listed and other international peer-reviewed journals. It houses the Department of Geography

Established in 2017, the School of Earth Sciences opened with the Department of Geography.

In 2019 alone till September, this School recorded seven new publications.

In 2017

2018
DEPARTMENT OF GEOGRAPHY

2019


Nivedita Priyadarshini, K., Sivasankari, V., & Sulochana Shekhar. (2019). An Assessment of Land Cover Change Dynamics of GAJA Cyclone in Coastal Tamil Nadu, India using Sentinel 1 SAR Dataset. The International Archives of the Photogrammetry, Remote Sensing and Spatial Information Sciences, Volume XLII-3/W12, 2019 GSDIM 2019 – Geoinformation for Disaster Management, 3–6 September 2019, Prague, Czech Republic. (The Archive is listed in the ISI Conference Proceedings Citation Index (CPCI) of the Web of Science, SCOPUS, the E/I Compendex, and the Directory of Open Access Journals (DOAJ)).


Other Publications in 2019 (Conference proceedings and Book Chapters)


SCHOOL OF EARTH SCIENCES


2018


Other Publications in 2019 (Conference proceedings and Book Chapters)


DEPARTMENT OF EDUCATION

2019

2018

2017
Karpaga Kumaravel, R. (2017). Distance Education: Opportunities and Challenges. Research Demagogue. 3(1). ISSN 2350-1081
SCHOOL OF EDUCATION AND TRAINING


2016


DEPARTMENT OF EPIDEMIOLOGY AND PUBLIC HEALTH

2019

2018

2017
Established in 2012, the School of Life Sciences opened with the Department of Life Sciences. In 2017, it added the Department of Epidemiology and Public Health, and Microbiology.

CUTN’s School of Life Sciences has so far published as many as 81 papers in UGC-listed and other international peer-reviewed journals, with a total impact factor of 633.

In 2018, this School recorded the highest annual gross of publications, with 25 publications and a total impact factor of 352.31.

In 2019 alone till September, this School recorded 14 new publications with a total impact factor of 43.708 and an average of 3.122.

In 2018, the School of Life Sciences recorded its first publications in 2013, with 1 publication in UGC-listed and other international peer-reviewed journals and a total impact factor of 4.11.

The total number of publications recorded for each year from 2012 to 2018 are 4, 0, 3, 49, 57, 24, and 25, respectively. The total impact factors for these years are 4.11, 0.00, 16.49, 5.19, 5.27, and 14.09, respectively.

CUTN’s School of Life Sciences recorded 360 total publications and a total impact factor of 352 from 2009 to 2019.
DEPARTMENT OF LIFE SCIENCES

2019


2018

2017


CR: iVα7.2+ mucosal-associated invariant T (MAIT) cells in chronic hepatitis B virus infection. Frontiers in Immunology, 9:472. (IF: 4.716)

SCHOOL OF LIFE SCIENCES

2018

2017


2013


SCHOOL OF LIFE SCIENCES

Book Chapters


2018


2017


Book Chapters
CUTN’s School of Mathematics and Computer Sciences recorded its first publications in 2012, with 2 publications in UGC-listed and other international peer-reviewed journals.

Established in 2010, the School of Mathematics and Computer Sciences opened with the Department of Mathematics. In 2017, it added the Department of Computer Science.

In 2017, this School recorded the highest annual gross of publications, with 10 publications and a total impact factor of 1.1.

In 2019, alone till September, this School recorded 14 new publications with a total impact factor of 2.

In 2019, this School recorded the highest annual gross of publications, with 10 publications and a total impact factor of 1.1.

Average impact factor:
- 2012: 1.42
- 2013: 0.79
- 2014: 0.82
- 2015: 0.19
- 2016: 0.11
- 2017: 0.06

Total publications:
- 2012: 2
- 2013: 2
- 2014: 4
- 2015: 2
- 2016: 6
- 2017: 10
- 2018: 8

Total impact factor:
- 2012: 2.8
- 2013: 3.1
- 2014: 2
- 2015: 1.6
- 2016: 1.1
- 2017: 1.1
- 2018: 0.5

School of Mathematics and Computer Sciences has, so far, published as many as 42 papers in UGC-listed and other international peer-reviewed journals, with a total impact factor of 13.
SCHOOL OF PERFORMING AND FINE ARTS

2019


2018


Varkey, Rittu Susan and Prasant Kumar Panda (2018), Inter-sectoral Growth Linkages and Their Implications for Agriculture: Evidence from Indian States, Millenial Asia, Vol. 9, No-3, pp. 262-277, Sage
CUTN’s School of Social Sciences and Humanities recorded its first publications in 2009, with 5 publications in UGC-listed and other international peer-reviewed journals.

In 2019 alone till September, this School recorded 37 new publications.

School of Social Sciences and Humanities has, so far, published as many as 267 papers in UGC-listed and other international peer-reviewed journals.


SCHOOL OF SOCIAL SCIENCES AND HUMANITIES


SCHOOL OF SOCIAL SCIENCES AND HUMANITIES


Established in 2016, the School of Technology opened with the Department of Materials Science.

CUTN’s School of Technology has, so far, published as many as 33 papers in UGC-listed and other international peer-reviewed journals. It houses the Department of Materials Science.

**DEPARTMENT OF MATERIALS SCIENCE**

**2019**


**2018**


2017


2016


Decennial Publication
Volume 2 Team

Prof. R. Karpaga Kumaravel (Chairman)
Dr. A. Ragupathy
Dr. E. M. Shankar
Dr. Dinakar Challabathula
Dr. Francis P. Barclay
Dr. Boobalakrishnan N.
Dr. Mamman Joseph C.
Dr. S. Dhanavandan
Mrs. Esakkiammal S.
Mr. Girishwaran T. P.

Data Processing
Dr. Dinakar Challabathula

Graphics and Design
Dr. Francis P. Barclay
Mr. Girishwaran T. P.