



CUTNE-News



March- April 2024 | Vol. 2, Issue 2

National Seminar on Reimagining Libraries: Innovations in Technology & Trends



The National Seminar on Reimagining Libraries: Innovations in Technology & Trends was conducted on January 18th & 19th, 2024, at the Central Library, Central University of Tamil Nadu, Thiruvavarur, with sponsorship from the Indian Council of Social Science Research, New Delhi.

The librarian, Dr. R. Parameswaran, welcomed everyone and briefly explained the library's history and range of services. He also provided a briefing on the latest advancements and best practices made available by the Central Library through various technological advances. The Convener of the conference, Dr. S. Dhanavandan, Deputy Librarian, gave an outline of the two days' agenda. Additionally, he stated that this conference has seven sessions planned, each featuring one plenary talk, Chairpersons, Co-Chairperson, and Rapporteur.

Prof. Dr. M. Krishnan, the Honorable Vice-Chancellor, presided and he emphasized the value of academic libraries and how they help to progress higher education. He emphasized the value of education and the need for all parties involved to receive it. Prof. Devika P Madali, Director of INFLIBNET Centre, Gandhinagar, gave the inauguration address.

Contents

- Events @CUTN
- Research Publication
- Participations
- Achievements
- PhD Awarded
- Reviews
- Placement

Editorial Team

The Publication Cell, CUTN

Events @CUTN

Dr. C. Vijayalakshmi, Associate Professor, Department of Statistics and Applied Mathematics-Co-convenor of the "Two Day Training Programme on Enhancing Mental Health for Rural Youth" as co-convenor sponsored by RGNIYD during 1st -2nd March 2024.

Dr. C. Vijayalakshmi, Associate Professor, Department of Statistics and Applied Mathematics-Convenor of the "Two-day Training program on Digital Literacy focussing on skill development and awareness on Higher education for rural youth of Thiruvavur", sponsored by RGNIYD during 4th -5th March 2024.



The Department of Chemistry at the Central University of Tamil Nadu (CUTN) proudly hosted "Transition 2024," a two-day workshop that attracted numerous postgraduate research aspirants across Tamil Nadu. The workshop aimed to enhance research skills and provide hands-on experience in various advanced chemistry techniques. The event commenced on March 4, 2024, with an inaugural ceremony at the Department Conference Hall. Prof. R. Thirumurugan, Registrar, CUTN, inaugurated the workshop by lighting the traditional lamp. The ceremony also featured addresses by distinguished faculty members, including Prof. S. Nagarajan, Dean Academics and Head of the Department of Chemistry, who detailed the objectives and significance of "Transition 2024."



The Department of Chemistry at the Central University of Tamil Nadu (CUTN) hosted a vibrant food festival, "Big Bite Hour," on Wednesday, March 6, 2024. The event, held from 3 PM to 6 PM, was a resounding success, highlighting the

organizational skills, leadership qualities, and camaraderie among the students. The festival was inaugurated by Prof. S. Nagarajan, Dean of Academics and Head of the Department of Chemistry, who praised the students for their initiative and creativity. Following the inauguration, faculty, staff, and students from various departments

visited the food stalls set up in the department corridor, eager to taste the diverse range of traditional and modern Indian cuisine.

Department of Chemistry, Central University of Tamil Nadu (CUTN) proudly hosted the Science Academies' Lecture Workshop on "Modern Trends in Chemical Sciences" from March 13th to 15th, 2024. Sponsored by the Science Academy, the workshop was organized by the Department of Chemistry at CUTN and featured eminent speakers and researchers from esteemed institutions.

Department of Mathematics organized an Intercollegiate Quiz Programme for PG students held on March 14, 2024. There were 7 teams participated in this event from various institutions.

As part of Math Club Activity the Int. M.Sc./M.Sc. students of our Department conducted the following events

1. Math Riddles and Puzzles by Mathew S Chamakala and Jayakrishnan V S, 3rd year Int. M.Sc. Mathematics, on 06-03-2024
2. Math less; Fun more by Deepika K and Pooja Bharathi S, 4th Year Int. M.Sc. Mathematics, on 13-03-2024
3. Quiz on Calculus of variation, General Aptitude, Geometrical Puzzles by Jaya Aishwarya S, 5h Year Int. M.Sc. Mathematics, on 20-03-2024
4. Fun Games by Shithruba S and Jayasurya V, 3rd year Int. M.Sc. Mathematics, on 27-03-2024
5. The Dumb Charades Challenge by Sendhoora Pandi U and Ugendran R, 1st year M.Sc. Mathematics, on 10-04-2024
6. What can you do with a Maths Degree? - A career talk by R. Abirami and A. Karishma, 5h Year Int. M.Sc. Mathematics, on 17-04-2024



Dr. C. Vijayalakshmi, Associate Professor, Department of Statistics and Applied Mathematics, attended and delivered an invited talk on "Drowsiness detection system using Deep Learning", in the International Conference on Statistical Modelling and its applications-ICSMA-2024 organised by the Department of Statistics, Dwaraka Doss Goverdhan Doss Vaishna College, Chennai during 14th and 15th March 2024.

The Department of Tamil Organize a " One day workshop on Prosodic Structure of Tolkappiyam" on 18.03.2024. Prof. M. Krishnan, Honourable Vice Chancellor, CUTN was given the Presidential address in One day Workshop in valedictory session. Dr. C.Parasuraman (Assistant Professor, Department of Tamil, Muthurangam Govt. Arts College, Vellore) delivered a lecture, Topic on Yāppu. Dr. K.Sivakumar (Associate Professor, Dept of Tamil, Thiru Kolanjiappar Govt. Arts College, Virudhachalam) delivered a lecture, Topic on Pumarcci. The Group photo was taken with Prof. M. Krishnan, Honourable Vice Chancellor, CUTN, Chief Guest, Faculty Members & Participants.



Dr.K. Ashok, Associate Professor, Department of History, Madras Christian College, Chennai, has delivered a special lecture on "Understanding the Mughals: A Historiographic Survey ", held on 26.03.2024.

Dr.P.Kala, Associate Professor, Department of History, Sri Meenakshi Govt. Arts College for Women (Autonomous), Madurai, has delivered a special lecture on "Moplah Rebellion- The Radical Peasant Movement in Malabar", held on 26.03.2024.

Dr.G.Aloysius, Independent Researcher, Critical Quest, New Delhi, has delivered a special lecture on "Caste & Nationalism in India: A Historical Review", held on 26.03.2024.

Department of Computer Science recently hosted an enlightening and engaging one-day national workshop titled "Computational Intelligence Using Machine Learning." The event, held on March 27, 2024, at the Seminar Hall in the Department of Chemistry, witnessed a remarkable turnout of over 200 enthusiastic participants from 14 colleges

across the region, all eager to explore the frontiers of machine learning applications. Distinguished speakers graced the workshop with their insights and expertise, setting the stage for a day filled with knowledge exchange and collaborative learning.



Prof. Dr. M. Krishnan, the Honorable Vice-Chancellor of CUTN, delivered an inaugural address that underscored the profound impact of computational intelligence across diverse domains. The Registrar of Central University of Tamil Nadu, Prof. R. Thirumurugan, delivered the valedictory address, marking the conclusion of the enlightening one-day national workshop on "Computational Intelligence Using Machine Learning." Dr. A. Martin is coordinator of this workshop.

Two days National seminar on Contribution of Tamil Nadu to the Indian Freedom Struggle: Focus on Salt Satyagraha" from 27& 28th March 2024.



Dr. C. Mageshwaran (ICSSR, Senior Research Fellow, Department of Linguistics, Bharathiar University, Coimbatore) delivered a Special lecture Topic on "Ancient Tamil Lexical words identified in Tribal Languages" on 27.03.2024.

Dr. S.A.Vengada Soupraya Nayagar (Head, Department of French, Kanchi Mamunivar Govt. Institute for PG Studies and Research, Pudhucherry) delivered a Special lecture on "Literary Exchanges between French and Tamil : Exchange of Ideas" on 28.03.2024.



The Department of English Studies organized One Day Self Development Program organised by the Department of English Studies on 28/3/24. Resource Person: Dr. Saranya Sundarraju, Founder Director, Naeyam Foundation on the Topic: KNOW

YOURSELF; BUILD YOURSELF; HEAL YOURSELF" The programme was organized by Dr. B.J. Geetha, HoD , Dept of English Studies.

Dr. K. Kavitha, conducted a Special Lecture titled "Parametric and Non-Parametric Testing" on April 2nd, 2024, at the Department of Tourism & Hospitality Management, CUTN.



Prof. Artemis Preeshl (Assistant Director, Centre for Diversities and Inclusion, Bueno Vista University, USA) delivered a Special lecture Topic on "Love and Death: Shakespeare in Tamil and Bollywood" on 04.04.2024.

Dr. Velmurugan PS, organised Model United Nation General Assembly for the student of CUTN as Coordinator for Yuvamanthan (YMUN) NCUTN on 4th April, 2024.



Dr Kokila J coordinated the seminar series on Dynamical Systems: Control and Numeric's at the Department of Statistics and Applied Mathematics, Central University of Tamil Nadu during 5-8, April 2024.

Dr. C. Vijayalakshmi, Associate Professor, Department of Statistics and Applied Mathematics acted as the Chairperson for the seminar series titled on Dynamical systems:Control and Theory"organized by the Department of Statistics and Applied Mathematics, on 6th April 2024.

The Department of Tamil, CUTN & Nannool Publishing House, Thiruvarur jointly Organize a "Two day workshop on creative writings and criticism in Tamil " on 08th -09th April 2024.



Dr. C. Vijayalakshmi, Associate Professor, Department of Statistics and Applied Mathematics-Convenor of the International seminar on "Mathematics and Data Analytics" and inaugural of STATMATH data analytics club on 13th April 2024.



Prof.K.Rangan (Emeritus Professor, Dept.of Linguistics, Tamil University, Thanjavur) delivered a Special lecture Topic on "Phonological Components of Tolkappiyam" on 17.04.2024 at 11 am in Media theatre.

Prof. Artemis Preeshl (Assistant Director, Centre for Diversities and Inclusion, Bueno Vista University, USA) delivered a Special lecture Topic on "Vocal Production from a Contemporary Perspective" on 17.04.2024 at 10 am in Media theatre.

Faculty and students of Department of Geology, Central University of Tamil Nadu (CUTN) have initiated Campus Cleanliness Drive on 22 April 2024 to mark the Earth Day 2024 celebration with the theme of PLANET VS. PLASTICS in Thiruvarur. The

drive has been well-organized and about 120 kg of plastics bottles and covers were collected and handed over to officials of Municipality of Thiruvarur for proper disposal. The event started with a procession by school children from four schools: VS Boys Higher Secondary School, The New Bharath Matriculation School,



Kendra Vidyalaya in the campus of Central University of Tamil Nadu and Maharishi Vidya Mandir in Thiruvarur. The event has been participated by 122 participants, including students from schools and our department and faculty. In this programme, we have organized essay writing, drawings and slogan writing competitions for school children and provided prizes to winners. The programme was graced by Prof. Thirumurugan, Registrar and Prof. Sulochana Shekhar, Controller of Examinations, CUTN, and delivered felicitation address in the presence of Dr. Balamurugan Guru, Head, Department of Geology. The event has been concluded by delivering vote of thanks by Prof. Selvaraj Kandasamy, Convener of Earth Day 2024.

The Chozha Central Library organized "Workshop on Plagiarism and Copyright" on 23.04.2024 in view of World Book & Copyright day celebrations. The resource persons from iThenticate, Drillbit & Grammarly Tools were handled the sessions.

To commemorate, World Malaria Day- 2024, Epidemiology and Public Health department, CUTN along with Directorate of Public Health, Thiruvavur organized a lecture on Malaria and followed by a demonstration on Vectors, the stages of the Vectors associated with Malaria and other Mosquito borne diseases. This programme was held on 25.04.2024.



Dr. Velmurugan PS Organised Orientation Programme by Community College for B.VOC/ D.VOC in Production Technology Students of ELGI-EVTS,Coimbatore at CUTN Campus on 25th April, 2024.



The Department of English Studies organised a One-Day workshop on "Enhancing Communication Skills Using Language Skill Modules for Students of Kendriya Vidyalaya" on 26.04.2024. The workshop was organized by Dr. B.J Geetha and Dr. Suganya V. The workshop focused on self-

learning of English Language through language lab software installed in the department. Twenty students of Ninenth Standard from KV, CUTN participated and received the certificate.

International Immunology day was observed along with the Indian Immunology Society New Delhi on 29.04.2024. It was celebrated celebrate under the theme "Immunity through the Ages: Navigating the Science of Aging and Immunology. The aim of the programme is to create awareness in Immunology to the young researchers and in the effort to increase global awareness of the benefits of immunology researches.



The Department of Physical Education and Sports organized a National Level Workshop on Yoga for Menstrual Health in association with the Department of Epidemiology and Public Health and the Centre for Happiness on April 30, 2023. The workshop featured three expert speakers: Dr. Vishnupriya, Senior Medical Officer of CUTN; Mr. S.B. Saravana Kumar, Founder and Managing Trustee of Yoga Siromani, Sri Patanjali Maharishi Yoga Trust, Madurai; and Dr. K. Vishnuvardhan Reddy, Assistant Professor of DPES, who shared their expertise on various topics. Prof. R. Thirumurugan, the Registrar of CUTN, inaugurated the workshop. The event also included felicitations by Prof. Sulochana Shekhar, Controller of Examinations; Dr. S. Jayaraman, Associate Professor and Head of DPES; Prof. N. Gopalan, Professor and Head, Department of Epidemiology and Public Health and Co-Convenor; and Dr. V. Vithya, Co-Convenor and Chairman of the Centre for Happiness, CUTN. Dr. S. Akila, Assistant Professor and Organizing Secretary, delivered the welcome address.



The Department of Education, Central University of Tamil Nadu, arranged an Invited talk on Voice communication and training on 09.04.2024 (Wednesday) between 11.30 a.m. and 1.30 p.m. in the Seminar Hall. The talk is led by the field expert, Prof. Artemis Preeshl, Assistant Director, Centre for Cultural Diversity and Inclusion, Buena Vista University, Iowa, USA.

Research Publications

Dr. K. Kavitha, Assistant Professor in the Department of Tourism & Hospitality Management - Examining the Nexus between Perceived Cleanliness and the Revisit Intention of Religious Tourists in Thiruvavur: A Comprehensive Research Investigation. In Jitendra Das & J. Eugene (Eds.), *Envisioning Successful Society through Swachhta* (39 - 50). Teenu Publications. ISBN: 978-81-968444-1-7.

Jenifar, L., Sarathchandar, V. & Bhatt, V. (2024). A Study on Digital Preservation Methods for Cultural Heritage Sites in India, *IPE Journal of Management*, Volume 14 (January-June 2024), No.1, 163-170, ISSN: 2249-9040. (UGC-CARE).

Ruiz, A. E. J., Bhartiya, S., & Bhatt, V. (2024). Preface. In A. E. J. Ruiz, S. Bhartiya, & V. Bhatt (Eds.), *Promoting Sustainable Gastronomy Tourism and Community Development* (pp. xvi-xxiii). IGI Global. DOI: 10.4018/979-8-3693-1814-0. (SCOPUS INDEXED)

Singh, P., Bhatt, V., Mishra, S. & Tyagi, P.K. (2024). Emerging Trends and Challenges in Reducing and Disposing of Food Waste Through Sustainable Tourism Practices at Tourist Destinations. *Sustainable Disposal Methods of Food Wastes in Hospitality Operations*. IGI Global, DOI: 10.4018/979-8-3693-2181-2.ch010 (SCOPUS INDEXED)

Co-Editor of the book titled "Promoting Sustainable Gastronomy Tourism and Community Development" published by IGI Global, USA. DOI: 10.4018/979-8-3693-1814-0. (2024) (SCOPUS INDEXED).

Dr. K. Kavitha- *Gastronomy Tourism: Understanding the Concept, Segmentation, and Development* in the book titled "Gastronomic Sustainability Solutions for Community and Tourism Resilience: Envisioning Sustainable Visitors Management Practices." Book Name: *Gastronomic Sustainability Solutions for Community and Tourism Resilience*. ISBN Number: 9798369341353. Publisher: IGI Global India.

Bhartiya, S., Bhatt, V., & Ruiz, A. E. J. (2024). Preface. In S. Bhartiya, V. Bhatt & A. E. J. Ruiz (Eds.), *Gastronomic Sustainability Solutions for Community and Tourism Resilience* (pp. xiv-xviii). IGI Global. DOI: 10.4018/979-8-3693-4135-3. (SCOPUS INDEXED)

Dr. Vaibhav Bhatt- Co-Editor of the book titled "Gastronomic Sustainability Solutions for Community and Tourism Resilience" published by IGI Global, USA. DOI: 10.4018/979-8-3693-4135-3. (2024) (SCOPUS INDEXED)

Mr. Shreeansh Mishra - *Overtourism in the Himalayan Region: Envisioning Sustainable Visitor Management Practices* "Title of the Book Published: "Mountain Tourism and Ecological Impacts. IGI Global USA. ISBN Number: 9798369308233

Mr. Shreeansh Mishra- *Emerging Trends and Challenges in Reducing and Disposing of Food Waste Through Sustainable Tourism Practices at Tourist Destinations: Sustainable Disposable Methods for Food Wastes in Hospitality Operations*. IGI Global USA, ISBN Number: 9798369321812.

Dr. S.Ravi, Professor "Ceppētukaḷ uṇarttum tamiḷaka varalārum paṇpātum", Ambal Pathipagam, Chennai, ISBN: 978-93-92701-75-8, April 2024.

Dr. S. Subash, Assistant Professor, "Ceppētukaḷ uṇarttum tamiḷaka varalārum paṇpātum", Title: "Cōḷar kālac ceppētukaḷ - uruvākkamum varalārum", Ambal Pathipagam, Chennai, ISBN: 978-93-92701-75-8, April 2024.

Dr. V.Rameshkumar, Assistant Professor "Ceppētukaḷ uṇarttum tamiḷaka varalārum paṇpātum", Title: "Ceppētukaḷ vaḷi pirāmaṇarkaḷukkāṇa koṭaikaḷ", Ambal Pathipagam, Chennai, ISBN: 978-93-92701-75-8, April 2024.

Pramila, R. (2024). Srimad Bhagawat Gita and Its Relationship to Other Religious Writings, Shanlax International Journal of Arts, Science and Humanities, April 2024.

Rangannavar, B. & Nagaraj, Y. (2024). Essential skills for Professional development, Shikshan Soudha A quarterly Education & research Journal, March 2024.

Rangannavar, B. (2024). Strategies of global trends and challenges in Teacher education
Caption in Global Trends and challenges in Teacher Education published by Jnanabharati, Bangalore University Printing Press.

Rangannavar, B. (2024). Utilization of Technology in Teacher education in Innovative Practices in Teacher Education published by Jnanabharati, Bangalore University Printing Press.

Shongwe SG, Philip NE ,Kaburu EW , Kamau TM. The Prevalence of HIV Testing and Associated Factors Among Young Women in South Africa: An Analysis of 2016 South Africa Demographic and Health Survey data. International Journal of Health Sciences and Research. 2024; 14(1):119-34. <https://doi.org/10.52403/ijhsr.20240116>

Karuppusamy Balasubramani, Venkatesh Ravichandran, Kumar Arun Prasad, Mu Ramkumar, Sulochana Shekhar, Meenu Mariya James, Naveen Kumar Kodali, Sujit Kumar Behera, Natarajan Gopalan, Rakesh Kumar Sharma, Devojit Kumar Sarma, M Santosh, Aditya Prasad Dash, Praveen Balabaskaran Nina, Spatio-temporal epidemiology and associated indicators of COVID-19 (wave-I and II) in India, Sci Rep 14, 220 (2024). <https://doi.org/10.1038/s41598-023-50363-2>

Abebe Alemu Anshebo, Yilma Markos, Sujit Behera, Natarajan Gopalan, Contraceptive dynamics among women with disabilities of reproductive age in Ethiopia: systematic review, Syst Rev, 2024 Jan 26;13(1):42. doi: 10.1186/s13643-024-02456-w.

Rashi Dixit, Naveen Kumar Kodali, Manisha Biswal, John Antony Jude Prakash, Natarajan Gopalan, Padma Das, Sujit Kumar Behera, Polymerase spiral reaction (PSR) as a point-of-care diagnostic assay: a systematic review, Expert Rev Mol Diagn, 2024 Jan-Feb;24(1-2):79-88. doi: 10.1080/14737159.2024.2315286. Epub 2024 Feb 9.

Gautham Chengizkhan, Sathish Kumar Thangavelu, Sridhar Muthusami, Antara Banerjee, Surajit Pathak, Gopalan Natarajan, Satish Ramalingam, Lurdes Queimado, R Ileng Kumaran, Ilangovan Ramachandran Regulation of cancer stemness, cell signaling,

reactive oxygen species, and microRNAs in cancer stem cells. *Cancer stem cells and Signalling Pathways* 2024, Pages 243-263

Jefrillah Jebaseelan, Sheerin Banu Sadiq, Abi Prakathi Ravikumar, Jamespandi Annaraj, Anand Setty Balakrishnan; *Mitragyna parvifolia* as a potential therapeutic agent for lymphatic filariasis; *Journal of Parasitic Diseases*; pp1-11; <https://doi.org/10.1007/s12639-024-01683-1>

Velu Chinnasamy Shanmugam, Vijayalakshmi, C., M. Mynarani and K. Pradeepa Veerakumari (2024). A Study utilizing advanced Machine Learning techniques to analyze gestational diabetes mellitus and its implementations. *JP Journal of Biostatistics*. 24(2), 227-234, ESCI, <http://dx.doi.org/10.17654/0973514324015>.

Shri Bharathi S.V, Parasuraman T, Akila S, Ramakrishnan R, Shivaraju K, Krishnakumar S, Sreedev S.A, Vijayalakshmi C, Vijayalakshmi C (2024), Yoga Poses Identification and Classification Based on Convolutional Neural Network and Transfer Learning with Media Pipe, *Int. Res. J. Multidiscip. Technovation*, 6(2) ,156-167, Scopus, DOI: <https://doi.org/10.54392/irjmt24212>.

C. Vijayalakshmi, K. Sivaselvan and R. Subramani (2024), *Engineering Mathematics-Volume II*, Yesdee Publishers, ISBN 978-81-952687-1-9.

S. Balamoorthy, T. Kavaskar and K. Vinothkumar, Harary and hyper-Wiener indices of some graph operations, *Journal of Inequalities and Applications*, 2024.

Lakshmanan Subbiah and Roopkumar Rajakumar, Multidimensional Generalized Fractional S Transform, *Advances in Applied Clifford Algebras*, 2024.

Presented

Dr. K. Kavitha, Assistant Professor in the Department of Tourism & Hospitality Management - Examining the Nexus Between Perceived Cleanliness and the Revisit Intention of Religious Tourists in Thiruvavur: A Comprehensive Research Investigation. In Jitendra Das & J. Eugene (Eds.), *Envisioning Successful Society through Swachhta* (39 - 50). Teenu Publications. ISBN: 978-81-968444-1-7.

Jenifar, L., Sarathchandar, V. & Bhatt, V. (2024). A Study on Digital Preservation Methods for Cultural Heritage Sites in India, *IPE Journal of Management*, Volume 14 (January-June 2024), No.1, 163-170, ISSN: 2249-9040. (UGC-CARE).

Ruiz, A. E. J., Bhartiya, S., & Bhatt, V. (2024). Preface. In A. E. J. Ruiz, S. Bhartiya, & V. Bhatt (Eds.), *Promoting Sustainable Gastronomy Tourism and Community*

Development (pp. xvi-xxiii). IGI Global. DOI: 10.4018/979-8-3693-1814-0. (SCOPUS INDEXED)

Singh, P., Bhatt, V., Mishra, S. & Tyagi, P.K. (2024). Emerging Trends and Challenges in Reducing and Disposing of Food Waste Through Sustainable Tourism Practices at Tourist Destinations. Sustainable Disposal Methods of Food Wastes in Hospitality Operations. IGI Global, DOI: 10.4018/979-8-3693-2181-2.ch010 (SCOPUS INDEXED)

Co-Editor of the book titled "Promoting Sustainable Gastronomy Tourism and Community Development" published by IGI Global, USA. DOI: 10.4018/979-8-3693-1814-0. (2024) (SCOPUS INDEXED).

Dr. K. Kavitha- Gastronomy Tourism: Understanding the Concept, Segmentation, and Development" in the book titled "Gastronomic Sustainability Solutions for Community and Tourism Resilience: Envisioning Sustainable Visitors Management Practices." Book Name: Gastronomic Sustainability Solutions for Community and Tourism Resilience. ISBN Number: 9798369341353. Publisher: IGI Global India.

Bhartiya, S., Bhatt, V., & Ruiz, A. E. J. (2024). Preface. In S. Bhartiya, V. Bhatt & A. E. J. Ruiz (Eds.), Gastronomic Sustainability Solutions for Community and Tourism Resilience (pp. xiv-xviii). IGI Global. DOI: 10.4018/979-8-3693-4135-3. (SCOPUS INDEXED)

Dr. Vaibhav Bhatt- Co-Editor of the book titled "Gastronomic Sustainability Solutions for Community and Tourism Resilience" published by IGI Global, USA. DOI: 10.4018/979-8-3693-4135-3. (2024) (SCOPUS INDEXED)

Mr. Shreeansh Mishra - Overtourism in the Himalayan Region: Envisioning Sustainable Visitor Management Practices "Title of the Book Published: "Mountain Tourism and Ecological Impacts. IGI Global USA. ISBN Number: 9798369308233

Mr. Shreeansh Mishra- Emerging Trends and Challenges in Reducing and Disposing of Food Waste Through Sustainable Tourism Practices at Tourist Destinations: Sustainable Disposable Methods for Food Wastes in Hospitality Operations. IGI Global USA, ISBN Number: 9798369321812.

Dr. S.Ravi, Professor "Ceppētukaḷ uṇarttum tamiḷaka varalārum paṇpāṭum", Ambal Pathipagam, Chennai, ISBN: 978-93-92701-75-8, April 2024.

Dr. S.Subash, Assistant Professor, "Ceppētukaḷ uṇarttum tamiḷaka varalārum paṇpāṭum", Title: "Cōlar kālac ceppētukaḷ - uruvākkamum varalārum", Ambal Pathipagam, Chennai, ISBN: 978-93-92701-75-8, April 2024.

Dr. V.Rameshkumar, Assistant Professor "Ceppētukaḷ uṇarttum tamiḷaka varalārum paṇpāṭum", Title: "Ceppētukaḷ vaḷi pirāmaṇarkaḷukkāṇa koṭaikaḷ", Ambal Pathipagam, Chennai, ISBN: 978-93-92701-75-8, April 2024.

Pramila, R. (2024). Srimad Bhagawat Gita and Its Relationship to Other Religious Writings, Shanlax International Journal of Arts, Science and Humanities, April 2024.

Shongwe SG, Philip NE ,Kaburu EW, Kamau TM. The Prevalence of HIV Testing and Associated Factors Among Young Women in South Africa: An Analysis of 2016 South Africa Demographic and Health Survey data. International Journal of Health Sciences and Research. 2024; 14(1):119-34. <https://doi.org/10.52403/ijhsr.20240116>

Karuppusamy Balasubramani, Venkatesh Ravichandran, Kumar Arun Prasad, Mu Ramkumar, Sulochana Shekhar, Meenu Mariya James, Naveen Kumar Kodali, Sujit Kumar Behera, Natarajan Gopalan, Rakesh Kumar Sharma, Devojit Kumar Sarma, M Santosh, Aditya Prasad Dash, Praveen Balabaskaran Nina, Spatio-temporal epidemiology and associated indicators of COVID-19 (wave-I and II) in India, Sci Rep 14, 220 (2024). <https://doi.org/10.1038/s41598-023-50363-2>

Abebe Alemu Anshebo, Yilma Markos, Sujit Behera, Natarajan Gopalan, Contraceptive dynamics among women with disabilities of reproductive age in Ethiopia: systematic review, Syst Rev, 2024 Jan 26;13(1):42. doi: 10.1186/s13643-024-02456-w.

Rashi Dixit, Naveen Kumar Kodali, Manisha Biswal, John Antony Jude Prakash, Natarajan Gopalan, Padma Das, Sujit Kumar Behera, Polymerase spiral reaction (PSR) as a point-of-care diagnostic assay: a systematic review, Expert Rev Mol Diagn, 2024 Jan-Feb;24(1-2):79-88. doi: 10.1080/14737159.2024.2315286. Epub 2024 Feb 9.

Gautham Chengizkhan, Sathish Kumar Thangavelu, Sridhar Muthusami, Antara Banerjee, Surajit Pathak, Gopalan Natarajan, Satish Ramalingam, Lurdes Queimado, R Ileng Kumaran, Ilangovan Ramachandran Regulation of cancer stemness, cell signaling, reactive oxygen species, and microRNAs in cancer stem cells. Cancer stem cells and Signalling Pathways 2024, Pages 243-263

Jefrillah Jebaseelan, Sheerin Banu Sadiq, Abi Prakathi Ravikumar, Jamespandi Annaraj, Anand Setty Balakrishnan; *Mitragyna parvifolia* as a potential therapeutic agent for lymphatic filariasis; Journal of Parasitic Diseases; pp1-11; <https://doi.org/10.1007/s12639-024-01683-1>

Velu Chinnasamy Shanmugam, Vijayalakshmi, C.M.Mynarani and K.PradeepaVeerakumari(2024). A Study utilizing advanced Machine Learning techniques to analyze gestational diabetes mellitus and its implementations. JP Journal of Biostatistics.24(2), 227-234, ESCI, <http://dx.doi.org/10.17654/0973514324015>.

Shri Bharathi S.V, Parasuraman T, Akila S,Ramakrishnan R,Shivaraju K,Krishnakumar S,Sreedev S.A,Vijayalakshmi C,Vijayalakshmi C(2024), Yoga Poses Identification and Classification Based on Convolutional Neural Network and Transfer Learning with Media Pipe, Int. Res. J. Multidiscip. Technovation, 6(2) ,156-167,Scopus, DOI: <https://doi.org/10.54392/irjmt24212>.

C.Vijayalakshmi, K.Sivaselvan and R.Subramani(2024), Engineering Mathematics-Volume II, Yesdee Publishers, ISBN 978-81-952687-1-9.

Participated

Dr. P.Kumar delivered a Lecture on Lexicon for Machine Translation in the International Seminar on "Translation Studies" organized by Department of Translation, Tamil University, Thanjavur on 21.03.2024.

Dr. P.Kumar delivered a Lecture on "Development and Uses of Regional Words Dictionary" on International Seminar on "Lexicography" Organized by Department of Lexicography, Tamil University, Thanjavur on 25.03.2024.

Dr. Boopathi P. invited to deliver an online special lecture on "Teaching Students with Disabilities" organized by the Institute of Linguistics and Literary Studies, University of Siedlce, Poland, on 26.04.2024.

Dr. Boopathi P. invited to deliver a talk on "Literary Writings of Disabled and Refugees" in the Two-day Workshop on Creative Writing and Criticism in Tamil jointly organized by the Department of Tamil, CUTN and Nannool Publishing House, Thiruvarur on 08-09 April 2024.

Dr. Boopathi P. invited to deliver a talk on "Effective Implementation of RPWD Act in the Grassroots Level: Roles and Strategies of Cross-disability Organizations" in the Two-day Training Program to members of Panchayati Raj and organizations of differently abled organized by Centre for Study of Social Exclusion & Inclusive Policy and HEPSN Cell, Pondicherry University on 25-26 March 2024.

Dr. Boopathi P. invited to deliver a plenary talk on "Navigating Cultural Stations of Disability: City, Community and Everydayness" in the Two-day National Seminar on "Urban Labyrinths: Cultural Perspectives on City Spaces" organized by The Department of English and Cultural Studies, Christ (Deemed to be University)-Yeshwanthpur Campus, Bangalore on 15-16 March 2024.

Dr. Boopathi P. invited to deliver an Expert Talk titled "Contextualizing Disability: Society, Culture and Literature" jointly organized by Department of English and Equal Opportunity Cell (EOC) of Kristu Jayanti College, Bangalore on 14 March 2024.

Dr. Boopathi P. invited as a resource person for the One-day National Workshop on "Disability Studies and Awareness" organized through online by Cell for Persons with Disabilities, Mahatma Gandhi Central University, Motihari, Bihar on 11 March 2024.

Dr. Boopathi P. invited to deliver a plenary talk on "Children on the Move: Border, Citizenship and Transnational Identity" in the One-day National Seminar titled "Refugee Writings: Homeland, Exile and Subjectivity" organized by the Research Department of English, Sadakathullah Appa College, Palayamkottai, Tirunelveli, Tamil Nadu on 07 March 2024.

Dr B J Geetha invited to deliver on the topic Postfeminism and Media Culture on 7/3/24 at the Department of Media and Communication, Central University of Tamilnadu.

Dr B J Geetha invited to deliver on the topic Philosophy & Ethics on 22/04/2024 at the Department of Applied Psychology, Central University of Tamilnadu.

Dr. D. M. Sakate delivered a special talk on "Generalized Linear Models" at Vivekanand College Kolhapur on 04/04/2024.

Dr. D. M. Sakate delivered an invited talk on "Consistent Variable Selection Methods in GLM" in National Conference on 'Recent Trends in Mathematical Sciences' (NCRTMS-2024)" organized by YCIS, SATARA, during March 18th and 19th, 2024.

Dr. C. Vijayalakshmi, Associate Professor, Department of Statistics and Applied Mathematics, delivered a invited talk hosted by Dr. V. Dillibabu, DRDS, Scientist, DRDO, Ministry of Defence, for school students after 12th Standard entitled "Arts and Science Colleges & Carrier Opportunities" on 27th April 2024.



Dr. C. Vijayalakshmi, Associate Professor, Department of Statistics and Applied Mathematics, delivered a special Lecture on Quantitative Data Analysis Techniques, organized by the Department of Media and Communication, CUTN on 15th March 2024.

Dr. C. Vijayalakshmi, Associate Professor, Department of Statistics and Applied Mathematics, served as resource person for a special lecture on "Parametric and Non-Parametric Testing in Research," organized by the Department of Tourism and Hospitality Management, CUTN on 2nd April 2024.

Dr. C. Vijayalakshmi, Associate Professor, Department of Statistics and Applied Mathematics, delivered an invited talk on Role of Statistics in real time scenario,

organised by the Department of Mathematics, School of Advanced Sciences, Vellore Institute of Technology on 6th March 2024.

Dr. Kokila J served as Chief Guest for the Inauguration of the Delta Mathematics Association as part of the PI Day Celebration conducted by the Department of Mathematics, NIT Puducherry, Karaikal on March 14, 2024.

Dr. Kokila J delivered an invited talk on 'Fractional Modelling in Biochemical Reaction' as part of the PI Day Celebration conducted by the Department of Mathematics, NIT Puducherry, Karaikal on March 14, 2024.



Dr. D. Narsimhulu acted as the Session Chair for the session-III for Seminar Series on "Dynamical Systems: Control and Numerics" organized by the Department of Statistics and Applied Mathematics, Central University of Tamil Nadu, during 5-8th April, 2024, Thiruvavur, Tamil Nadu State, India.

Dr. D. Narsimhulu invited talk at Vel Tech Rangarajan Dr. Sagunthala R&D Institute of Science and Technology (Deemed to be University), during 19th-23rd Feb, 2024, Chennai, Tamil Nadu State, India.

Dr. D. Narsimhulu keynote Speaker ON "Mathematical Modelling and Solution Procedures at the Five Days International Workshop on Mathematical Modelling and Solution Procedures held during 29th February-4th March, 2024, Woxsen University, Hyderabad, Telangana, India.

Dr. M. Manoprabha participated in Faculty Training Program organized by Department of Applied Psychology, Central University of Tamil Nadu on 27th to 29th February 2024.

Dr. M. Manoprabha participated in the Workshop for CUTN faculty members on "Voice Training for Effective Teaching" organized by Department of Media and Communication, Central University of Tamil Nadu on 26 April 2024.

Dr. Kappa Kondal, Assistant Professor, Department of Economics, served as a Resource Person and delivered a lecture on "Higher Education & NEP-2020 Pros and Cons" in the



Two-Day National Seminar entitled "Higher Education and Sustainable Development Goals in India: Challenges and Opportunities in the Context of the New Education Policy." The seminar took place on March

14th and 15th, 2024, at Government Degree College, Khairatabad, Hyderabad, Telangana State.

Dr. Vaibhav Bhatt, Assistant Professor- Reviewer in the International Conference on "Innovation and Regenerative Trends in Tourism and Hospitality Industry - 2024" (IRTTHI-2024), held under the umbrella of Sustainable Research and Innovation in Shaping Hospitality and Tourism Industry (SRISHTI) on 14th, 15th, and 16th March 2024 at the University Institute of Tourism and Hospitality Management, Chandigarh University, Mohali, Punjab, India.

Dr. K. Kavitha, participated in the Faculty Development Programme on April 18th and 19th, 2024, organized by BGS Institute of Hotel Management, Bengaluru.

Dr. Velmurugan PS delivered invited Lecture Two-Day Training Programme on "Enhancing Mental Health of Rural Youth" on 4th& 5th March, 2024.

Dr. Velmurugan PS delivered a Special Lecture on "Importance of Delta Journalism & Practical Challenges in Journalism" for Department of DJMA, Community College on 6th March, 2024.

Dr. Velmurugan PS Organised a Programme on "Recent Development in Penal Statutes in India: Publicizing New Criminal Laws 2023" in the Department of Law, CUTN on 6th march, 2024.

Dr. Velmurugan PS Resource Person in the Faculty Induction Program on "Malaviya Mission Teacher Training Centre, BU on 8th march, 2024.

Dr. Velmurugan PS delivered a Lecture on "NEP & Management Education: Need for Moving towards Industry - Centred Approach" at National Seminar on Management Education in the Light of National Education Policy 2020 on 18th March, 2024.

Dr. Velmurugan PS delivered a Lecture on "Freedom Movement and the Gandhian Economics of J.C,Kumarappa" Organised by Department of History, CUTN on 27th March, 2024.

Dr. Velmurugan PS participated in Two Days National Seminar on "Contribution of Tamil Nadu to the Indian Freedom Struggle: Focus on Salt Satyagraha" on 27th & 28th March, 2024.

Dr. Velmurugan PS participated the International Conference on "History and Heritage of Tamil Nadu depicted in Tamil inscriptions in Copper Plates" Organized by the Community College of CUTN in association with Chevalier Thomas Elizabeth Women's College, Perambur, Chennai on 15th March 2024.

Dr. Velmurugan PS External Examiner for Ph.D Viva- Voce examination at Department of Commerce, the Holy Cross College, (Autonomous), Tiruchirappalli.

Dr. Velmurugan PS External Examiner for Ph.D Viva-Voce examination at Department of Commerce, Muthurangam Government Arts College on 24th April, 2024.

Dr. S. Sivaprakash, Resource Person for the five - day Online International Professional Development Program on "Instructional Competence" held from 6.03.2024 to 11.3.2024 organized by Department of Computer Science, Patrician College of Arts & Science, Chennai.

Liya Teresa Alex Ph.D. Scholar attended One-week Online Interactive Research Methodology Programme on 'Qualitative and Quantitative Research: From Data Collection to Analysis and Interpretation' organized by the Department of Commerce from 8th April to 14th April 2024 by Diocesan Society of Education's, Rosary College of Commerce & Arts, Navelim, Salcete, Goa.

Anju S Jose Ph.D. Scholar participated in a One-Day Multiple-Session Research Workshop on the topic of "From Concept to Publication: A Workshop on Scholarly Writing." The workshop was organized by Data Analytics Club, Department of Commerce, Rajagiri College of Social Sciences (Autonomous) on 22nd March 2024.

Dr. Poornima Rajendran attended a FDP via online on NEP 2020 : Orientation & Sensitization Programme from 18th March to 28th March, 2024 organised by UGC-MMTTC Jawaharlal Nehru University, New Delhi.

Mr. Sunil Kuamr was an Examiner at Perunthalaivar Kamaraj College of Education, Pondicherry University from 11th -12th March 2024.

Prof. S.V.S.S. Narayana Raju served as Resource Person, Refresher Course in Hindi and Sanskrit @ HRDC, Pondicherry University, Puducherry - 13-03-2024.

Prof. S.V.S.S. Narayana Raju served as a Resource Person, Dakshina Bharat aur Sri Ram @ Ramotsav, Ayodhya, conducted by Cultural Department, Government of Uttar Pradesh - 17-3-24.

Prof. S.V.S.S. Narayana Raju served as Member coordinator, NAAC Peer team visit @ Sri Ram Singh Dhoni Rajkeeya Mahavidyalaya, Jayanti, Almora, Uttarakhand- 6th & 7th March 2024.

Prof. S.V.S.S. Narayana Raju served as an External Subject expert for Ph D viva-voce @ SriChendrashekarendra Saraswati Vishwa Mahavidyalaya, Kanchipuram - 25-4-24.

Kanagaraj Muthuselvan , Baskar Sundaravadivoo , Kottakkaran Sooppy Nisar, and Fahad Sameer Alshammari, New technique for solving the numerical computation of neutral fractional functional integro-differential equation based on the Legendre wavelet method, AIMS Mathematics, 9(6): 14288-14309, 2024.

Dr. B. Sundaravadivoo delivered a talk on Statistics and Numerical Methods at Anna University, Trichy on 15-03-2024.

Dr. T. Kavaskar delivered a talk on A hands on training in Algebra at Sri Pushpam College, Poondi, on 18.03.2024.

Dr. R. Roopkumar delivered a talk on the Introduction to measure and integration, One day Seminar, Vivekananda College, Agasteeswaram on 22.04.2024 (FN).

Dr. R. Roopkumar delivered a talk on the Integral Insights: Lebesgue and Riemann, One day Seminar, Vivekananda College, Agasteeswaram on 22.04.2024 (AN).

Achievements

Dr. C. Vijayalakshmi, Associate Professor, Department of Statistics and Applied Mathematics, won second prize in Slogan writing and second prize in Elocution International Women's day celebrations organized by ICC, CUTN, on 8th March 2024.

Liya Teressa Alex Ph.D. Scholar received Best paper award for paper titled "From hand to heart: exploring the consumers buying intention towards GI-Tagged handicrafts" at the 2nd International Conference on Latest Trends in Business Management: Innovation Technology and Sustainability (ICLTBM- ITS2024) - GITAM School of Business, Bengaluru on 15th & 16th March 2024.

Liya Teressa Alex Ph.D. Scholar received Best paper award for paper titled "Understanding the craft of consumer behaviour: An Examination of Impulsive buying tendencies in GI-Tagged handicrafts" at the 14th All India Conference organized by the Scott Research Forum - Scott Christian College (Autonomous), Nagercoil from 5th & 6th March, 2024.

Six students cleared JAM (mathematics) 2023-24 and one student cleared GATE Exam 2023-24.

PhD Awarded

Mr. K. Vinothkumar (R180204) - "A Study on Topological Indices of Some Families of Graphs" under the guidance of Dr. T. Kavaskar.

New Initiatives

Dr. Velmurugan PS, arranged loan facilities for 3 women from UBA-CUTN adopted villages trained on Coir Products Manufacturing received bank loans of Rs. 5 lakh each under PMEGY SCHEME WITH 35% subsidy and started their micro industries on 13th March, 2024.

Mr. Sunil Kumar organised a Cleaning and Plantation Drive at NLBS - 2 (AbhijeetBanarjee Block), CUTN 24/07/2024.

Press News

The Department of Education, Central University of Tamil Nadu, arranged an Invited talk on Voice communication and training on 09.04.2024 (Wednesday) between 11.30 a.m. and 1.30 p.m. in the Seminar Hall. The talk is led by the field expert, Prof. Artemis Preeshl, Assistant Director, Centre for Cultural Diversity and Inclusion, Buena Vista University, Iowa, USA.



என்னுடியில் கணித சங்கம் தொடக்கம்



கணித சங்க தொடக்க நிகழ்வில் பங்கேற்ற என்னுடி பதிவாளர் சீ. சுந்தரவரதன், மத்திய பல்கலைக்கழக பேராசிரியர் ஜே. கோகிலா உள்ளிட்டோர்.

காரைக்கால், மார்ச் 14: காரைக்காலில் உள்ள என்னுடியில் கணித சங்கம் விழா முக்கியமான தொடங்கப்பட்டது.

என்னுடி கணிதத்துறை சார்பில் பிது தினம் மற்றும் டெல்டா கணித சங்கத்தின் தொடக்க விழா கல்லூரி வளாகத்தில் நடைபெற்றது. என்னுடி பதிவாளர் சீ. சுந்தரவரதன் தலைமை வகித்தார். திருவாநூர் தமிழ்நாடு மத்திய பல்கலைக் கழக புள்ளியியல் மற்றும் பயன்பாட்டுக் கணிதத் துறை பேராசிரியர் ஜே. கோகிலா சிறப்பு அழைப்பாளராக கலந்துகொண்டு தனது ஆராய்ச்சி மற்றும் கற்பித்தல் அனுபவம் குறித்துப் பேசினார். உதவிப் பேராசிரியர் வி. கோவிந்தராஜ் வரவேற்றார். இணைப் பேராசிரியர்கள், உதவி பேராசிரியர்கள், மாணவர்கள் விழாவில் கலந்துகொண்டனர்.

என்னுடியில் டெல்டா கணித சங்கம் தொடக்கம்



காரைக்கால், மார்ச் 15: காரைக்காலில் அமைந்துள்ள புதுச்சேரி தேசிய தொழில் நுட்பக் கழகத்தில் கணிதத் துறை சார்பில் பை தின விழா மற்றும் டெல்டா கணித சங்கத்தின் தொடக்கவிழா நேற்று நடைபெற்றது. இவ்விழாவிற்கு திருவாரூர், தமிழ்நாடு மத்தியப் பல்கலைக் கழகத்தின் புள்ளியியல் மற்றும் பயன்பாட்டு கணிதத்துறை முனைவர் கோகிலா, கழகத்தின் பதிவாளர் முனைவர் சுந்தரவரதன் ஆகியோர் தலைமை வகித்தனர்.

முன்னதாக விழாவிற்கு வந்திருந்த அனைவரையும் கணிதத்துறை உதவிப் பேராசிரியர் மற்றும் துறை தலைவர் முனைவர் கோவிந்தராஜ் வரவேற்றார். முனைவர் வாலரின் புயா தலாவ் பை தினத்தின் முக்கியத்துவம் மற்றும் புதிதாக தொடங்கப்பட்ட சங்கத்தின் நோக்கம் குறித்து உரையாற்றினார். மாணவர்களின் கணித அறிவையும், சிந்தனையும் மேம்படுத்தும் முக்கிய நோக்கத்துடன் தொடங்கப்பட்டுள்ளதா என்று கூறினார். இவ்விழாவில் சிறப்பு விருந்தினராக கலந்துகொண்டு பேசிய முனைவர் ஜே கோகிலா தனது ஆராய்ச்சி மற்றும் கற்பித்தல் அனுபவத்தில் இருந்து பெறப்பட்ட துணைறிவுகளை பகிர்ந்து கொண்டார். இந்த கழ்ச்சியில் கல்லூரியின் இணைப் பேராசிரியர்கள், உதவிப் பேராசிரியர்கள், ஊழியர்கள் மற்றும் கணிதத்துறை மாணவர்கள் அனைவரும் கலந்து கொண்டனர்.