

# ICRIC 2025

## International Conference on Research Innovations & Challenges (ICRIC 2025)

*Created & Powered by*

**Centre for Research & Training (CRT)**

National Foundation for Entrepreneurship Development (NFED)  
Coimbatore, Tamil Nadu, India

*In Association With*

**Technovate Educational & Consulting Services (TECS)**

Coimbatore, Tamil Nadu, India



**30<sup>th</sup> January - 1<sup>st</sup> February 2025**

**Virtual Conference - ZOOM Platform**

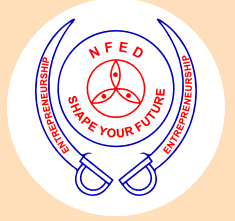


**CLICK HERE TO REGISTER**

<https://forms.gle/tKt8Xk4Sc2MqgyZU8>

**Last Date for Abstract Submission: 5<sup>th</sup> January 2025**

*\* Only Abstract will be Published in Conference Proceedings*





## Conference Blurb

The reality of conducting any research is to impart wisdom and growth in a society. The research contributions in the past have witnessed only interim growth and societal development. This situation continues due to undiscipline focus, wherein lack of integration of research across various disciplines remains untapped in many areas. The current global scenario is ever-changing and demanding, wherein the sustenance and livelihood will be more challenging in the ensuing years. Furthermore, the knowledge sharing through congregation of research across inter-disciplines and multi-disciplines for upbringing the overall socio-economic development and progression is quite indispensable. Today's globalization has nurtured advancements in science & technology, entrepreneurial innovations, ergonomic practices, etc. due to IT interventions and digitalization. This has triggered the new gamut in the research arena, and it needs to address the upcoming trends in all sectors towards bringing in a holistic development. Hence, there is a need to holistically gauge the overall requirements of mankind in terms of achieving socio-economic sustenance and global stability. Keeping these above-mentioned aspects in view, the international conference intends to focus on the paradigms of research innovations in the disciplines of sciences, engineering, technology, entrepreneurship, management, arts, humanities and other inter-disciplines to have wider knowledge integration. Also, to envisage the future challenges through a radical approach for the betterment of mankind. Hence, the conference has been officially coined by the Conference Chair & Chief Patron as 'International Conference on Research Innovations & Challenges' – ICRIC '2025 to garner the inter-disciplinary and multi-disciplinary research contributions across the nation and globe. This international conference has been created and powered by Centre for Research & Training (CRT) – A Growth Action Unit under the renowned National Foundation for Entrepreneurship Development (NFED), Coimbatore, Tamil Nadu, India and officially scheduled on 30<sup>th</sup> January 2025 – 1<sup>st</sup> February 2025.

## Conference Objectives

- › To highlight the holistic research innovations in accordance with the current trends and future challenges for bringing in the socio-technological transformation
- › To congregate the research trends across various domains for upbringing socio-economic development and sustenance
- › To act as a global platform for knowledge sharing of various research contributions towards societal upliftment and global development
- › To encourage and promulgate the research acumen of young students, budding researchers, scholars, academicians, entrepreneurs, industrialists, and practitioners

## Key Office Bearers

### Conference Chair & Chief Patron

#### **KVM. Prof. Dr. R. Ganesan**



Founder & Chairman / Presidium Chair  
&

Founder & Chair

Centre for Research & Training (CRT)

National Foundation for Entrepreneurship Development  
Coimbatore, Tamil Nadu

### Conference Director & Patron

#### **Mrs. Ramya Kandavel**



Executive Chairman & Director

National Foundation for Entrepreneurship  
Development (NFED)

Coimbatore, Tamil Nadu

### Conference Convener

#### **Dr. Farida Virani**



Professor - HR & Behavioural Sciences  
&

Head- MET Incubation Centre

MET Institute of Management

Mumbai, Maharashtra

### Co-Conveners / Associate Conveners

#### **Dr. K. Vijaya**



Professor & Principal

Government Arts & Science College

Alangudi, Pudukottai District, Tamil Nadu

#### **Dr. V. Sunitha**



Professor

Department of Geology

Yogi Vemana University

Kadapa, Andhra Pradesh

#### **Dr. R. Rajeswari**



Professor

Department of Electrical & Electronics Engineering

Government College of Technology (Autonomous)

Coimbatore, Tamil Nadu



## Organizing Secretaries

### Dr. Indira Lepcha Nee Lama

Associate Professor  
Department of Geography & Applied Geography  
University of North Bengal  
Siliguri, West Bengal

### Dr. Bhuvaneswari S

Assistant Professor  
Department of Management Science  
B.S. Abdur Rahman Crescent Institute of Science & Technology  
(Deemed To Be University)  
Chennai, Tamil Nadu

### Dr. V. Sailaja

Assistant Professor & Head (i/c)  
Department of Zoology  
Vikrama Simhapuri University College  
Kavali, SPSR Nellore District, Andhra Pradesh

### Mr. Jaswin Kumar N. R

Youth Facilitator & Technical Head (Honorary)  
National Foundation for Entrepreneurship Development  
(NFED)  
Coimbatore, Tamil Nadu

## Organizing Committee Members

Dr. P. Priyadarsini, Professor & Head, Department of Management Studies, Tagore Engineering College, Chennai, Tamil Nadu

Dr. S. Kavitha, Professor, Department of Civil Engineering, Dr. Ambedkar Institute of Technology, Bengaluru, Karnataka

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Dr. A. Akila, Associate Professor, Department of Computer Science, School of Computing Sciences, Vels Institute of Science, Technology & Advanced Studies (VISTAS) (Deemed To Be University), Chennai, Tamil Nadu

Dr. Anuradha Sekhri, Associate Professor, Institute for Development & Communication (IDC), Approved Research Centre, Panjab University, Chandigarh

Dr. A. N. Jayanthi, Associate Professor, Department of Electronics & Communication Engineering, Sri Ramakrishna Institute of Technology (SRIT), Coimbatore, Tamil Nadu

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Dr. Geeta Kumari, Associate Professor, Department of Business Management, Malla Reddy College of Engineering & Technology, Hyderabad, Telangana

Dr. Pooja More, Programme Coordinator, Skill Development Centre, Savitribai Phule Pune University, Pune, Maharashtra

Dr. Parvathy Menon, Assistant Professor, Department of History & Political Science & Dean (Student Affairs), All Saints' College, Trivandrum, Kerala

Dr. G. Subhalakshmi, Assistant Professor, School of Law, Pondicherry University, Puducherry

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Dr. Kiran Joshi, Assistant Professor, Department of Education, Mewar Institute of Management, Ghaziabad, Uttar Pradesh

Dr. Safrine Amul, Assistant Professor, Department of English, School of Humanities & Social Sciences, Sathyabama Institute of Science & Technology (Deemed To Be University), Chennai, Tamil Nadu

Dr. Manju Mittal, Assistant Professor, School of Commerce & Management, GSSDGS Khalsa College (Autonomous), Patiala, Punjab

Dr. A. Krishnarathi, Assistant Professor, Unity College of Teacher Education, Dimapur, Nagaland

# Keynote Speakers

## Day I – 30<sup>th</sup> January 2025



### **Dr. Patrick Osa. Oviasuyi**

Professor  
Department of Public Administration  
Faculty of Management Sciences  
Ambrose Alli University  
Ekpoma, Nigeria



### **Dr. Mythili Kolluru**

Assistant Professor  
Professional Studies &  
Undergraduate Department  
College of Banking and Financial Studies  
Muscat, Sultanate of Oman



### **Dr. Gurmeet Singh**

Vice Principal  
&  
Associate Professor & Head  
P.G. Department of Mathematics  
GSSDGS Khalsa College, Patiala, Punjab, India



### **Dr. D. Anitha Kumari**

Associate Dean (Admissions) and Associate Professor &  
Programme Coordinator - MBA (SLM)  
Department of MBA  
School of Management Studies & Commerce  
Vels Institute of Science Technology & Advanced Studies  
(VISTAS) - (Deemed to be University)  
Chennai, Tamil Nadu, India



### **Mr. Arasu M T**

Founder & CEO  
Clicks Talent Connect Pvt. Ltd.  
Bengaluru, Karnataka, India



### **Dr. Sheeba Khalid**

Assistant Professor - III  
Amity Law School  
Amity University Lucknow Campus  
Uttar Pradesh, India



# Keynote Speakers

## Day II – 31<sup>st</sup> January 2025



**Dr. Nazrul Islam**

Professor  
School of Business and Entrepreneurship (SBE)  
Independent University  
Dhaka, Bangladesh



**Dr. Baby Sam Saamuel**

Director  
New York Council of Non-Profits  
(NYCON)  
USA



**Dr. Kavana GV**

Professor & Head  
Department of Physiology  
Haveri Institute of Medical Sciences  
(Govt. Autonomous Institution)  
Haveri, Karnataka, India



**Dr. Priti Srinivas Sajja**

Professor & Director  
Post Graduate Department of  
Computer Science & Technology  
Sardar Patel University  
Anand, Gujarat, India



**Dr. Subrata Chattopadhyay**

Professor  
Department of MBA  
Institute of Engineering & Management  
University of Engineering & Management  
Kolkata, West Bengal, India



**Mr. G. Raja**

Founder & Managing Director  
Imhotef Pharmaceuticals Pvt. Ltd.  
Padi, Chennai  
Tamil Nadu, India

# Keynote Speakers

## Day III – 1<sup>st</sup> February 2025



### **Ms. Theviga Rani Wemel**

Co-Founder & Chief Operating Officer  
LTT Global Communications Sdn Bhd  
Kuala Lumpur, Malaysia



### **Dr. S. Anuzsiya**

Senior Lecturer Gr. I in History  
Department of Social Sciences  
Faculty of Arts & Culture  
South Eastern University of Sri Lanka  
Oluvil, Sri Lanka



### **Dr. Bhuvana Venkatraman**

Professor  
Department of Commerce  
School of Studies of Commerce & Management  
Guru Ghasidas Vishwavidyalaya (A Central University)  
Koni, Bilaspur, Chhattisgarh, India



### **Dr. R. Deepalakshmi**

Assistant Professor  
Department of Computer Science &  
Director, Data Processing Centre  
The Tamil Nadu Dr. Ambedkar Law University  
Perungudi, Chennai, Tamil Nadu, India



### **Ms. Padmajah Narasimhan**

Founder & Director  
Niyathi Training & Content Solutions  
(NTCS) Pvt. Ltd.  
Ittamadu, Bengaluru, Karnataka, India



### **Dr. Yogesh. S**

Senior Assistant Professor  
Institute of Internal Medicine  
Madras Medical College & Rajiv Gandhi  
Government General Hospital  
Chennai, Tamil Nadu, India



# Valediction Keynote Speakers

Day III – 1<sup>st</sup> February 2025



**Dr. Luzaan Hamilton**

Associate Professor  
School of Management Studies  
North-West University  
(Vanderbijlpark Campus)  
South Africa



**Dr. G. Fathima**

Professor & Head  
Department of Computer Science & Engineering,  
Adhiyamaan College of Engineering (Autonomous)  
Hosur, Krishnagiri District  
Tamil Nadu, India



**Dr. V. Arulmurugan**

Associate Professor & Head  
Department of Commerce, School of  
Management, Pondicherry University  
Karaikal Campus, Puducherry, India



**Dr. Rufus D**

Assistant Professor  
Department of Criminology & Police Studies  
Sardar Patel University of Police, Security &  
Criminal Justice  
Jodhpur, Rajasthan, India



**Dr. Darishisha W. Thangkhiew**

Assistant Professor  
Economics Department, School of Economics  
Management & Information Sciences  
North-Eastern Hill University  
Shillong, Meghalaya, India



**Mr. Owaiz Khan**

Founder & Technical Head  
Cynaris Solutions Pvt. Ltd. (CSPL)  
Bengaluru, Karnataka, India

## Themes

### Track - I

#### Science, Engineering & Technology (SET)

- Agriculture & Forestry
- Biology, Biotechnology & Microbiology
- Chemistry & Biochemistry
- Civil & Structural Engineering
- Computer Science & Engineering
- Electronics & Communication Engineering
- Electrical & Electronics Engineering
- Electronics & Instrumentation Engineering
- Fashion Designing & Technology
- Geology & Earth Sciences
- Information Science & Computer Applications
- Information Technology
- Mechatronics & Artificial Intelligence
- Mechanical Engineering
- Medical Sciences & Paramedical Sciences
- Physics & Applied Science
- Pure & Applied Mathematics
- Statistics
- Textile Engineering & Technology

### Track - II

#### Management, Entrepreneurship & Innovation (MEI)

- Economics & Econometrics
- Entrepreneurship Development & Innovation
- Finance & Accounting
- Management, Commerce & Business Administration
- Marketing

### Track - III

#### Arts & Humanities (AHU)

- Criminology
- Communication Studies
- Education
- Geography
- History, Archaeology & Anthropology
- Law & Legal Studies
- Linguistics & Literature Studies
- Political Science & Public Administration
- Psychology & Applied Psychology
- Sociology & Social Work
- Women's Studies

## Guidelines

1. The research paper abstract should be non-plagiarized content prepared in accordance with the opted research study. It should contain the understanding and / or observations of the author(s) through their literature review in accordance with the past research studies and / or current research trends, wherein the author(s) need to mention the true intent and justify the need and relevance or significance of the opted research study. Also, the author(s) must mention the research methodology or method of study adopted (applicable to all types of research (review / conceptual / empirical / experimental / case study)) and indicate the major findings and / or observations (if any) in the research. The abstract should not contain references/author citations.
2. The **abstract** should be submitted in a **Single Paragraph Format in MS-Word file** along with the online registration form, wherein the concerned author / lead / corresponding author (in case of joint paper abstract) shall attach only their abstract of their paper after filling the necessary fields and completing conference registration formalities.
3. The entire text body should be in Times New Roman, Font Size 12pt with single line spacing.
4. The language and medium of **abstract** submission and paper presentation should be only in English and should not exceed **250 words**.
5. Abstract submission as attachment file through online should contain only paper title followed by name (with initials if any) and Professional Affiliation (Designation, University/Organization/Institution/College Name, City, State & Country). It should not contain Email Address and Mobile Number.
6. Co-Authorship is accepted in research abstract submission, wherein a maximum of four authors (including lead author & three co-authors) per abstract submission is permitted. At least one of the authors (Lead (or) Co-author) have to register in the conference for issuance of Participation cum Presentation E-Certificate(s).
7. No part of the abstract should have been published elsewhere earlier and / or should be under consideration for publication in journal / conference / book chapter / book / monograph / report. Any form of plagiarism will result in immediate disqualification of the paper abstract.
8. In the case of joint authors / co-authors, only one author is allowed to present the paper at the Global Conference. However, the other co-author(s) whoever registered shall participate in the web presentation session in accordance with joint paper registration.
9. The last date for submission of abstract along with online registration should be on or before **5<sup>th</sup> January 2025**.
10. The submitted abstract will be sent for review, and if there are any changes or revisions that need to be incorporated then the author(s) concerned will receive the review comments via email from the Conference Director, wherein the revised abstract should be submitted within 3 days for further review and / or acceptance.
11. The authors (including co-authors) whosoever registered for publishing their abstract in the conference proceedings and interested in publishing the same abstract elsewhere must formally obtain '**No Objection**' from the Conference Chair / Conference Director by sending a mail to [conference.nfed@gmail.com](mailto:conference.nfed@gmail.com)
12. Authors / Co-authors interested in **Full Paper Publication** have to modify the Abstract submitted for the Conference Proceedings before submitting the research article as book chapter in Edited Book Publication - HRP Vol. 12 by NFED Publishers and / or paper publication in the TIMER Journal.
13. **Itinerary** of the international web conference containing paper tracks and time slots will be sent on **28<sup>th</sup> January 2025**, wherein the Zoom web link and / or Google Meet link for each day of conference (Day 1, Day 2 & Day 3) shall be sent to all the participants and paper presenters / authors (including all co-author(s)) only before 45 minutes on 30<sup>th</sup> Jan, 31<sup>st</sup> Jan & 1<sup>st</sup> Feb 2025 for effective participation and / or paper presentation.
14. The participation / participation cum paper presentation e-certificate will be issued via email only on **8<sup>th</sup> February 2025**.
15. **Attendance** is compulsory ONLY ON Paper Presentation Dates for all paper presenters / authors / co-author(s) in accordance with the session tracks. Hence, participation in all the conference sessions and / or tracks are not mandatory for any participant / presenter (author / co-authors).
16. The feedback form is compulsory for obtaining the E-Certificate for all participants and presenters (author / co-authors).

**Last Date for Abstract Submission**

**5<sup>th</sup> January 2025**



# Registration Charges

<b>National Participants (Residents within India)</b> Charges in INR		
<b>Participation Only</b>	Students / Research Scholars / Faculties	<b>300</b>
	Industry Professionals	<b>500</b>
<b>Participation &amp; Presentation with E-Proceedings** (Single Author)</b>	Students / Research Scholars / Faculties (Single Author)	<b>1000</b>
	Industry Professionals (Single Author)	<b>1200</b>
<b>Participation &amp; Presentation with E-Proceedings** (*Joint - Max. Four Authors)</b>	Students / Research Scholars / Faculties (Joint Authors*)	<b>1500</b>
	Industry Professionals (Joint Authors*)	<b>1700</b>
<b>Hard Copy Proceedings** (Including Dispatch Charges within India)</b>		<b>INR 1100 per hard copy</b>
<b>Conference Registration + Edited Book Publication*** (E-Book &amp; Hard Copy)</b>		<b>Charges Applicable (See next page)</b>
<b>Conference Registration + Journal Publication*** (Online)</b>		<b>Charges Applicable (See next page)</b>

<b>International Participants (Residents Abroad)</b> Charges in USD		
<b>Participation Only</b>	Students / Research Scholars / Faculties	<b>10</b>
	Industry Professionals	<b>20</b>
<b>Participation &amp; Presentation with E-Proceedings** (Single Author)</b>	Students / Research Scholars / Faculties (Single Author)	<b>40</b>
	Industry Professionals (Single Author)	<b>50</b>
<b>Participation &amp; Presentation with E-Proceedings** (*Joint - Max. Four Authors)</b>	Students / Research Scholars / Faculties (Joint Author*)	<b>60</b>
	Industry Professionals (Joint Author*)	<b>70</b>
<b>Hard Copy Proceedings** (Excluding Dispatch Charges) Dispatch charges extra as per the country of residence</b>		<b>USD 25 per hard copy</b>
<b>Conference Registration + Edited Book Publication*** (E-Book)</b>		<b>Charges Applicable (See next page)</b>
<b>Conference Registration + Journal Publication*** (Online)</b>		<b>Charges Applicable (See next page)</b>

**Last Date for Abstract Submission for Conference Proceedings: 5<sup>th</sup> January 2025**

\*\* Only Abstract will be published in both E-Proceedings (E-ISBN: 978-81-954933-7-1) and Hard Copy Proceedings (Print ISBN: 978-81-954933-9-5) (Abstract should not exceed 250 words).

\*\*\* Conference Registration Charges are NOT inclusive of publication charges for Edited Book and/or Journal. See respective section in the Next Page.

## Note:

- Only Registered Participants will receive Participation E-Certificate.
- Only Participants Registered under 'Participation & Presentation with E-Proceedings' including all the Co-authors (joint authors) will receive individual Participation cum Presentation E-Certificate(s).
- In case of Joint Authors, only one author has to register (either author (or) co-author). Author whoever registers shall provide details of all co-authors in the respective fields of online registration form. Registration charges given above are inclusive for all the authors.
- Participants interested in Full Paper Publication in the Edited Book (Holistic Research Perspectives Vol.12) and/or Journal Publication (TIMER) see details below.



## **Edited Book & Journal Publication**

Conference Registration is mandatory for Participants / Presenters / Authors / Co-Authors opting for **Full Paper Publication** in Edited Book and / or Journal (**Refer Conference Registration Charges**)

Conference Registration Charges are **NOT** inclusive of publication charges for Edited Book and/or Journal (**Refer Publication Charges Below**).

Charges for Edited Book Publication and Journal Publication are separate and given in the respective Section / Brochure below.

Abstract (if any) submitted for the Conference Proceedings have to be modified by the Author(s) before submitting the Article for Edited Book and / or Journal Publication.

### **Edited Book Publication**

1. Edited Book – **Holistic Research Perspectives (HRP) Vol. 12** by **NFED Publishers** will be published in **March 2025** as both E-Book (**E-ISBN: 978-81-954930-8-1**) and Hard Copy (**Print ISBN: 978-81-954930-5-0**), wherein charges are applicable.
2. Original and unpublished research contributions / research article shall be emailed separately to [nfedpublications@gmail.com](mailto:nfedpublications@gmail.com) on or before **5<sup>th</sup> February 2025** in accordance with the Submission Guidelines (**Click Brochure Link Below**). Plagiarism is limited to 10%. Plagiarism Report has to be submitted along with the article.
3. E-Book Publication Charges (Max. 4 Authors) = INR 2500 (Indian authors) and USD 50 (International Authors).
4. E-Book + Hard Copy Publication Charges (Max. 4 Authors) = INR 2500 + INR 1100 per hard copy (Inclusive of Dispatch to desired address of author(s) within India).
5. Review comments from the Editor-in-Chief will be sent by 30<sup>th</sup> January 2025 and the same shall be incorporated accordingly in the Article and to be emailed within 5 days' time.
6. Publication charges to be paid after receiving Conditional Acceptance from the Editor-in-Chief.
7. For details on Paper Submission Guidelines and other details click the brochure link given below.
8. The book chapter should contain introduction, literature review, need & relevance / significance, objectives, method of study, findings, discussions, suggestions, conclusion, references, webliography (if any). For model chapters, you can view the past issue at: <https://publications.nfedindia.org/ebooks/HRPv11.pdf>

### **HRP Vol. 12 Brochure**

<https://nfedindia.org/assets/img/updates/hrpv12.pdf>



# Journal Publication



## **Technology-Information-Management-Entrepreneurship - Review** **(TIMER)**

*A Refereed Journal of National Foundation for Entrepreneurship Development (NFED)*  
(E-ISSN: 2584-1602)

1. TIMER is an **International Online Multidisciplinary Refereed Journal** (Open Access) under the aegis of National Foundation for Entrepreneurship Development (NFED), Tamil Nadu, India.
2. The journal congregates Diverse Disciplines of Engineering, Technology, Management, Entrepreneurship, Basic & Life Sciences, Medical & Paramedical Sciences, Social Sciences and Arts & Humanities. It welcomes original, empirical, experimental, conceptual, contextual, analytical papers / articles / manuscripts / cases using appropriate research structuring.
3. TIMER publishes papers through double blind peer-review process. Indexing and Abstracting are not applicable at present. It is **NOT** listed under **UGC CARE 1 or 2** journals.
4. Original and unpublished Research Article / Manuscript shall be submitted to the Editor-in-Chief as MS-Word document via email to [editor@timerjournal.org](mailto:editor@timerjournal.org) on or before **5<sup>th</sup> March 2025** in accordance with the submission guidelines. Plagiarism is limited to 10%. Plagiarism Report has to be submitted along with the article.
5. For details on article submission guidelines visit the link below.  
<https://www.timerjournal.org/submissionguidelines>
6. The journal charges are USD 25 per article for processing and publishing (Max. 4 Authors; however, USD 6 is payable for every additional co-author). Charges are payable after receiving conditional acceptance from the Editor-in-Chief.
7. Accepted articles will be published in **Jan-Jun 2025, Vol. 3, Issue 1.**
8. For past published issues and other details, visit TIMER website at <https://www.timerjournal.org/>