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"Sri Shivarathri Deshikendra
Mahaswamijigalavaru",

President,
JSS Mahavidyapeetha, Mysuru

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Dr. B. Suresh, Pro-Chancellor, JSS AHER-Mysuru &
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Dr. Shoba N, DSCE, Bengaluru

CONVENOR

Dr. Rekha P M
Professor & HOD,
Department of ISE, JSSATE, Bengaluru Ph: 98456 36529

COORDINATORS

Dr. Abhijith H V
Associate Professor,
Department of ISE, JSSATE,
Bengaluru
Ph: 94801 12279

Mrs. Kavya T C
Assistant Professor,
Department of ISE, JSSATE,
Bengaluru
Ph: 96505 31398

ORGANISING COMMITTEE

Dr. D V Ashoka	Mrs. Sudha P R	Mrs. Reshma B
Dr. Nagamani N P	Mrs. Nagashree S	Mr. Chetan R
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Dr. Sowmya K N	Mrs. Punitha M	Mrs. B Gayathri Kamath
Mrs. Mamatha G	Mrs. Sukrutha C Basappa	Mrs. Manasa D S

IMPORTANT DATES

Last date for Submission	8 th April 2024
Acceptance Intimation	15 th April 2024
Last date for Registration	19 th April 2024
Camera ready Paper submission	22 nd April 2024

SUBMISSION GUIDELINES

Paper Format: Standard IEEE Format (Limited to 6 pages)
Email your entries to: ncait2024@gmail.com

REGISTRATION FEE DETAILS

Category	Amount
Paper Presentation	Rs. 590/- (Including GST)
Poster Presentation	Rs. 236/- (Including GST)

NEFT DETAILS

Account Name: JSSATEB PROJECT A/C

Account Number: 42028912481

Bank: State Bank of India

Branch: Omkar Layout, Channasandra, Bengaluru

IFSC Code: SBIN0041038

Upload Transaction Proof Here

<https://forms.gle/RpKhZhjXSpdqm6SD7>

Accepted and Presented papers will be published in
MAT Journals or JSS Journal of Scientific Studies (ISSN: 2583-5815)

Attractive Cash Prizes for Best Paper & Poster



JSS Mahavidyapeetha

JSS ACADEMY OF TECHNICAL EDUCATION

BENGALURU - 560 060



10th National Conference On ADVANCEMENTS IN INFORMATION TECHNOLOGY

NCAIT-2024 30th April 2024



Organised By

Department of Information Science and Engineering
JSS Academy of Technical Education

JSS Campus, Dr. Vishnuvardhana Road,
Bengaluru-560060, Karnataka, India

www.jssateb.ac.in

ABOUT THE INSTITUTE

JSS Academy of Technical Education (JSSATE) Bengaluru, was established in the year 1997 under the umbrella of JSS Mahavidyapeetha, Mysuru. The academy is the result of the vision of our President, His Holiness Jagadguru Sri Shivarathri Deshikendra Mahaswamigalavaru to establish a world class institution for Technical Education. The Campus is located amidst a sprawling 21.17 acres land surrounded by lush green plantation on the fringers of Turahalli forest in south Bengaluru. The institution is affiliated to Visvesvaraya Technological University (VTU), Belagavi, India, and is approved by AICTE, New Delhi. The institution has an excellent infrastructure with the state of the art equipment and machinery as laboratory facilities. The institution has highly qualified faculty & has initiated number of multi disciplinary and multi institutional R and D programs. The institute has good number of R and D projects sponsored by DST, AICTE, VTY, BGST, KSCST and others. JSSATEB is accredited with A+ grade by National Assessment and Accreditation Council (NAAC). JSSATEB has been awarded with NIRF innovation band(151-300).

ABOUT THE DEPARTMENT

The Department of Information Science and Engineering is established in the year 1999. The current UG intake is 180. The department also offers PG course M.Tech in Data Science with an intake of 12. Department is strengthened by well qualified faculty members, main aim is to emphasize the overall growth and development of students with cutting edge technology by inculcating competence, commitment and team work. The department comprises excellent infrastructure with well equipped laboratories, class rooms and departmental library. Faculty members of the department and students are members of professional societies like ISTE, CSI, IEEE, IEI, ACM etc. Under the R and D activity, faculty are engaged in the publication of research papers in top journals indexed in Web of Science and Scopus.

ABOUT THE CONFERENCE

Department of Information Science & Engineering is proud to organize the 10th National Conference on Advancements in Information Technology (NCAIT-2024), with a theme of "Sustainable Development Goals". The Objective of NCAIT-2024 is to provide a forum for all the Research Scholars, UG & PG students to explore their Idea towards Research and Development, exchange new opportunities in Information and Technology. Outcome of NCAIT-2024 is to demonstrate the knowledge towards Domain specific initiatives of Advancements in Information Technology. Key Note Session will be delivered by eminent speaker (academician / Industry experts).

CALL FOR PAPERS

- Artificial Intelligence
- Machine Learning
- Block Chain
- Cyber Security
- Internet of Things
- Data Science, Data Analytics
- Software Engineering
- Robotics
- Cloud Computing
- Networking
- Image Processing
- Parallel Computation
- Web Services
- Wireless Sensor Network
- High Performance Computing
- Multi Media Communication
- Natural Language Processing
- Data Mining

More Preference will be given to papers with Sustainable Development Solutions.

Papers are invited in the above topics of interest, but not limited to.

(E-Certificates will be sent to all registered and presented Papers / Poster)

GUIDELINES FOR AUTHORS

The Papers submitted to the Conference must be original and not submitted elsewhere or published. Plagiarism of the paper must be less than 20%.

FORMAT AND SUBMISSION

Full length paper in IEEE format (Max 6 pages) on the above topics are invited for the Conference.

For Poster Presentation, each team should send the title of the Posters to ncait2024@gmail.com.

All Papers along with the plagiarism report should be sent to: ncait2024@gmail.com

The acceptance of the Paper will be intimated after peer-review.

At least one of the authors of the accepted paper should register by sending payment through NEFT on or before 19th April 2024.

TARGET AUDIENCE:

Faculty, Students and Research Scholars

Contact Us At:

Dr. Abhijith H V
Mobile: **9480112279**

Mrs. Kavya T C
Mobile: **9650531398**

E-mail: ncait2024@gmail.com
hodise@jssateb.ac.in | www.jssateb.ac.in

REGISTRATION FORM

10th NATIONAL CONFERENCE

On

ADVANCEMENTS IN INFORMATION TECHNOLOGY

Name _____

Designation _____

Institution / Organization _____

Address _____

Email ID _____

Contact No _____

Details of Registration Fees
Amount _____

NEFT Details _____

Bank Name and Branch _____

Date Signature of Participant

SPONSORING AUTHORITY

I hereby agree to sponsor

Dr/Mr/Ms
for the 10th National Conference on Advancements
in Information Technology (NCAIT-2024)

Date Signature of HOD/Principal



JSS Academy of Technical Education
Bengaluru

Information Science and Engineering

Level: National

Title: 10th National conference on Advancements in Information Technology

Category: Conference

Date: 30/04/2024

Target audience: Research scholars, under graduate and postgraduate students

No. of Resource Persons: 01

No. of Participants: 100

Organized by Department of Information Science and Engineering, JSSATEB

Co-ordinator: Dr. Abhijit H V, Associate Professor, Dept. of ISE

Mrs. Kavya T C, Assistant Professor, Dept. of ISE

Resource Person(s) with Designation:

- 1) Mr. Pramod Kumar,
AI Software Solution Engineer, Intel Corporation, Bengaluru,

Mode: Offline

Objective:

To provide a forum for research scholars, undergraduate, and postgraduate students to explore their ideas in research and development, and to exchange new opportunities in information and technology.

Outcome:

To showcase knowledge and advancements in domain-specific initiatives within the field of Information Technology.

Report:

With the blessing of “His Holiness Jagadguru Dr. Sri Shivarathri Rajendra Mahaswamijigalavaru” and with the blessing of “His Holiness Jagadguru Sri Shivarathri Deshikendra Mahaswamijigalavaru”, the Department of Information Science & Engineering has conducted National Conference on “Advancement in Information & Technology “-NCAIT-2024 with a theme of “Sustainable Development Goals on 30th April-2024.

On 30th April 2024, the Conference began at 10.00 AM, with Invocation song by Ms. Shreya Sreevalli followed by Lighting the Lamp by the Dignitaries. Chief guest for the program was Mr. Pramod Kumar, AI Software Solution Engineer, Intel Corporation, Bengaluru, Dr. Bhimasen Saragoan, Principal presided over the programme.

Dr. Ashoka D V, Professor, Dept. of ISE welcomed the gathering, Mrs. Kavya T C Asst. Professor, Dept. of ISE, presented detailed information about the National Conference, Mrs. Sahana V, Asst. professor, ISE Introduced the Guest to Audience. Mr. Pramod Kumar, the chief Guest appreciated ISE Dept for organizing this Conference. He stressed upon the importance of AI & ML, Cloud Computing, Deep Learning, Image processing and Block Chain technologies and better usage of it. Dr. Bhimasen Saragoan, Felicitated the chief

Guest. Presidential address was delivered by Dr. Bhimasen Saragoan, Principal wished all the Participants to exchange their Technical knowledge in this Conference. CD release by the Chief guest and Dignitaries, the papers being presented in the conference were officially released.

Dr. Abhijith H V, Associate Professor of Dept of ISE presented vote of Thanks.

We received approximately 50 papers and 20 Posters from various domains submitted by different colleges. Following a thorough review process, 29 papers and 8 posters were selected for presentation, and they are all here today for presentation.

During the Conference, selected Papers were presented and more than 100 candidates from various Engineering colleges like Dayananda Sagar College of Engineering, K.C. College of Engineering and Management Studies and Research Thane, India, JSS Academy of Technical Education Bengaluru, India, Jyothy Institute Of Technology Visvesaraya Technology University, Belagavi, B. N. M. Institute of technology, Sai Vidya Institute of Technology, Christ University, Bangalore, Karnataka, India, APS College of Engineering, Bengaluru, Karnataka India, R.N.S Institute of Technology, and internal participant from ISE, M.Tech branches participated.

Paper Presentation and Poster presentation was conducted parallelly by Five Panels. The Session chairs for 5 Panels were as follows:

Panel 1 : Dr. Nagamani N P, Assistant Professor, Dept. of ISE, JSSATEB

Dr. Bhagyashree Ambore, Associate Professor, Dept. of ISE, RNSIT

Panel 2 : Dr. Nethravathi B, Assistant Professor, Dept. of ISE, JSSATEB

Dr. Abhilash C N, Associate Professor, Dept. of ISE, SJBIT, Bangalore.

Panel 3 : Dr. Sowmya K N, Associate Professor, Dept. of ISE, JSSATEB

Dr. Sharana Basavana Gowda, Associate Professor, Dept. of CSE, JSSATEB

Panel 4 : Dr. D V Ashoka, Professor, Dept. of ISE, JSSATEB

Mrs. Sudha P R, Assistant Professor, Dept. of ISE, JSSATEB

Panel 5 : Mrs. Mamatha G, Asst. Professor, Dept. of ISE, JSSATEB

Mrs. Nagashree S, Asst. Professor, Dept. of ISE, JSSATEB

Annexure

- 1. Photos**
- 2. Brochure**
- 3. Invitation**

Signature of the coordinators

Signature of HOD, ISE

Annexure 1- Photos



Track 1 Photo



Track 2 Photo



Track 3 Photo



Track 4 Photo



Track 5 Photo

