



**IEEE**  
BOMBAY  
SECTION

# The 2024 ICONAT

## 3<sup>rd</sup> International Conference for Advancement in Technology

**GOA, INDIA**

(Hybrid Conference)

**13<sup>th</sup> -14<sup>th</sup> SEPT 2024**

<http://iconat.org/>

## HOST INSTITUTE

Kasegaon Education Society's  
**Rajarambapu Institute of Technology,**  
**Rajaramnagar, Sangli, Maharashtra**

(An Empowered Autonomous Institute)

(APPROVED by AICTE Affiliated to Shivaji University, Kolhapur)



Website: [www.ritindia.edu](http://www.ritindia.edu)

## ABOUT CONFERENCE

Themed "Connecting Cultures around for Advancement in Technology," one of the flagship conferences of the IEEE Bombay Section will feature a comprehensive high-quality technical paper presentation including more than 18 Tracks, selected areas in the Advancement in Technology track, and a variety of tutorials and workshops. **ICONAT 2024** will also include an attractive Industry program aimed at practitioners, with keynotes and panels from prominent research, industry and government leaders, business and industry panels, and vendor exhibits.

## ABOUT INSTITUTE

Accredited with an "A+" Grade by NAAC Rajarambapu Institute of Technology (RIT), (An Empowered Autonomous Institute) has emerged as a leading technological Institute in Western Maharashtra through its dedicated and disciplined approach to providing quality technical education over more than forty years. The institute offers 09 UG and 09 PG programmes with 5 PhD research centres along with a management programme (MBA) thus creating a wide array of academic courses and programmes approved by AICTE. RIT has secured the position in "Band of 101-150" of the "NIRF INNOVATION RANKING 2023" in the Private Colleges Category by NIRF, Ministry of Education, Government of India. RIT has been Awarded as "Most Reputed Empowered Autonomous Institute" by Navbharat Education in July 2023. The Institute has received the "Engineering College of the Year 2023 for Excellence in Academic Leadership Award" from Academic Insights Magazine. RIT has also received the "Best Private Engineering College Award" at the 52nd National Annual Faculty Convention of the Indian Society for Technical Education (ISTE), New Delhi at PDA Engineering College Kalaburgi, Karnataka.

## ABOUT DEPARTMENT

The Information Technology Department started in the year 2001. The department consists of highly qualified faculties to guide the students with an advanced curriculum and prepare them to cater to the needs of the Industry. The department also has a Centre of Excellence in Cyber Security, IoT, Data Science & Machine Learning. The department also has MOUs with Oracle Academy and has a learning center of Infosys under the Infosys Springboard Program. In recent years the department has been riding on success with nearly 100% placement in product & service based multinational companies.

## SALIENT FEATURES

- An Autonomous Institute affiliated to Shivaji University, Kolhapur and implemented Choice Based Curriculum Structured (CBCS).
- The Institute was accredited by NAAC with 'A+' Grade.
- Selected in the first and second phase of TEQIP, MHRD, World Bank Project, New Delhi.
- Institute has active R&D Cell to promote research activities. Institute received research funds from various funding agencies like AICTE, RGSTC, PMYUVA/NIESBUD. Institute is recognized as host for Incubation center by MSME.
- RIT has been rated as AAA+ institution in Engineering Special Rating - West Zone of India's Best Engineering Colleges 2021 survey by Careers 360.
- RIT is awarded with Best Knowledge Center Award in ISTE Maharashtra-Goa Section Awards 2020
- Received grant for IDEA Lab- Worth - Rs.55 Lakhs from AICTE
- RIT wins 14th State Level Award for Excellence in Energy Conservation and Management, MEDA Pune
- RIT is awarded with Best Autonomous Institute with Global vision at the hands of Hon. Vinod Tavade, Education Minister, Govt. of Maharashtra.
- Institute has "Pradhan Mantri Kaushal Vikas Yojana" to enable and mobilize a large number of Indian youth to take up skill training and become employable and earn their livelihood.
- Institute has been awarded as "Most Innovative Brand" in Maharashtra by Maharashtra Lokpriya Brand 2019 (Arthsanket)
- Institute has "Industry-Institute Interaction (III) cell for continuous interaction between academia and industry so as to provides a platform for both the students as well as faculty members to be aware of industry expectations of skill sets required for students.
- Institute has established RIT-TBI cell with vision to transform engineering campuses into ESDM Product Innovation Centers (EPIC) through Industry Partnerships.

## RESEARCH AREAS

ICONAT 2024 invites original and result-oriented research papers from the following areas:

- Aerospace Technology
- Antenna & Microwave
- Biomedical Engineering
- Circuits and Systems
- Machine Learning, Cloud and Data Analytics
- Computer Architecture & Systems
- Devices, Materials & Processing
- Disasters and Humanitarian Technology
- Engineering Management
- Engineering Education
- Marine and Offshore Engineering
- Multimedia Engineering
- Photonics
- Power & Energy
- Robotics, Control Systems & Theory
- Signal and Image Processing
- Software & Database Systems
- Social Implications of Technology
- Wireless Communications & Networks

*"Papers accepted and presented at the Conference will be submitted to IEEE Xplore and included in the IEEE Xplore digital library"*

## Chief Patron

Hon. Shri. Bhagatsinh Rajaram Patil,  
(Industrialist, BOG Chairman, RIT, Rajaramnagar)

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Dr. P. V. Kadole, Director,  
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## PAPER SUBMISSION

- Go to the paper submission website:  
<https://cmt3.research.microsoft.com/ICONAT2024>
- For detailed guidelines regarding paper submission visit:  
<http://iconat.org/index.php/submission-guidelines/>

## REGISTRATION

- For Registration Fees and Payment details
- Visit: <http://iconat.org/index.php/registration-info/>



### Venue

International Centre Goa (ICG), Dona  
Paula, Goa, India Ph No. 097654 04395

## IMPORTANT DATES



Hard Deadline Dates  
to Submit Paper  
**May 30, 2024**



Acceptance  
Notification  
**June 28, 2024**



Early registration due  
**July 25, 2024**



Date of Conference  
**Sept 13 & 14,  
2024**

## CONTACT US

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