

Publication Information

Originality:

- The articles, papers, research work or case studies submitted for conference must be original and not submitted elsewhere nor published.
- Paper Template : shorturl.at/amtzF
Email your entries to: conference.rvitm@rvei.edu.in
- Selected Paper should be registered in the given registration link: <https://forms.gle/xZ22SkicEY7zyNfMA>
- All accepted and presented papers will be published in Conference Proceedings. Plagiarism should not be more than 20%.
- Best selected papers will be published in reputed Journals with DOI and Google Scholar Index.
- Poster Guidelines:
It is mandatory to submit the title of the poster along with an abstract of 250 words mentioning the names of the team members.(Maximum 2 per team) , Posters (PDF) should be sent to: conference.rvitm@rvei.edu.in

The acceptance of the paper/poster will be intimated after peer review. At least one of the authors of the accepted paper/poster should register by paying amount on or before 27th April 2023.

Important Dates

Submission of paper/ Poster	8th April 2023
Acceptance Intimation	15th April 2023
Last Date of Registration	27th April 2023
Camera ready paper submission	28th April 2023

Registration Fee Details

Paper Presentation

Industry Delegates	Rs. 1,250
Faculty/Research Scholars/PG Students	Rs. 1,000
Students	Rs. 750
(Extra Team Member Rs. 250/- per person)	
Posters presentation per team	Rs. 400

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Presents

National Conference on Digital Technology & Engineering on 28th & 29th April 2023



in association with



Convener

Dr. Malini M Patil

Professor & Head, CSE, RVITM
Mobile No: 9343401796

Co-ordinators(For any queries contact)

Dr. Surbhi Agrawal
Associate Professor, CSE
Mobile No.: 9590319307

Dr. Madhumathy P
Associate Professor, ECE
Mobile No.: 9886575795

Prof. Nandita B
Assistant Professor, CSE
Mobile No: 9739655054

Prof. Shruthi P
Assistant Professor, ISE
Mobile No: 9480337006

Dr. Gajanan M Naik, Assistant Professor, ME
Mobile No.: 77600 06193

Dr. Vinoth Kumar
Associate Professor, ISE
Mobile No: 9751090999

Dr. Raghavendra Reddy N.V
Associate Professor, ME
Mobile No.: 99168 24363

Prof. Srividhya V R
Assistant Professor, CSE
Mobile No: 9739981676

Dr. Kavitha N
Assistant Professor, ECE
Mobile No.: 9535096475

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About RVITM

RV Institute of Technology and Management (RVITM) is a premier institute under RV Educational Institutions with a singular vision — to prepare students for the world beyond classrooms. RVITM offers four undergraduate programs in CSE, ECE, ISE, and ME that promote experiential learning through an ICT-enabled curriculum and state-of-the-art infrastructure. RVITM is affiliated with Visvesvaraya Technological University, Belagavi, and approved by the Government of Karnataka and the All India Council for Technical Education, New Delhi. RVITM practice a holistic approach to education that enables students to be ready to face global challenges. RVITM provides a perfect learning environment with state-of-the-art infrastructure, and highly motivated and dedicated faculty members backed by VTU Curriculum which focuses on NEP2020. RVITM regularly arrange and encourage students to participate in Co-curricular and Extra-curricular activity for overall development. RVITM promotes Research culture among the students through mentors.

VISION

To impart top-quality technical education with global competence and societal commitment, leading to breakthrough innovations.

MISSION

Our mission is to nurture passionate engineers through experiential learning by providing state-of-the-art infrastructure, and ICT-enabled education.

About National Conference

RV Institute of Technology and Management is proud to organize the National Conference on Digital Technology and Engineering in Electronics and Communication, Mechanical, Information and Computer Science Engineering branches. This Conference aims to bring students, research scholars, faculties. Industry experts and similar likeminded people together in order to share their knowledge in the areas of their expertise. It is a step to motivate and inspire student community and research fellows to produce original work in four core fields of engineering. Conference is therefore an initiative to inculcate more research practices.



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About Department of CSE

The Department of Computer Science & Engineering was established in the year 2019. It offers B. E. in Computer Science & Engineering affiliated to Visvesvaraya Technological University, Belagavi. Current Intake is 120. The department is headed by Dr. Malini M Patil. With her vast experience and along with the team of highly qualified and experienced faculty, she strives to bring the department to the pinnacle. Faculties with an average experience of 16+ years, are assisted by state-of-the-art laboratories to serve the Academic and Research needs of the students. Department fosters the student activities through Six student clubs under Department forum Vigyatha Kendra, CSI students' chapter, MoUs etc. The department has the credit of conducting both technical and non-technical events to enable holistic development of the students. Some worth mentioning are FDPs, Conferences, Workshops, Expert lectures, and Student-centric activities to encourage students to make them Industry Ready. All these give them a strong foundation and equip them with the skills they need to shine in the real world. Our students have been placed in top notch companies with lucrative packages. The department has organized two Scopus indexed Springer International conferences. Faculty has published their research articles in SCI/WOS/SCOPUS indexed good quartile journals.

About Department of ISE

The Department of Information Science & Engineering was established in the year 2019 with intake of 60, extended now to 90. It offers B. E. in Information Science & Engineering affiliated to Visvesvaraya Technological University, Belagavi. The department is led by Dr. Latha C A, with her vast experience, and highly qualified and experienced faculty with an average experience of 16+ years, trying to bring the department to the pinnacle. Faculty are assisted by state-of-the-art laboratories and technical staff to serve the Academic and Research needs of the students. With the active participation of five clubs, one ACM students' chapter, four MoUs, the department has been organizing both technical and non-technical events to enable holistic development of the faculty and students. Some to mention, Hackathons, FDPs, Workshops, Expert lectures, project exhibitions and Student-centric activities to encourage students and faculty to instill lifelong learning and to make the students get Industry Ready. Hobby and mini projects have been made the culture of ISE Students. As a result of all these, 90% ISE students have bagged excellent placement opportunities, highest being 40 LPA. Healthy and motivating relationship among faculty/seniors to juniors makes the learning environment a pleasurefull for the students.

Call for Paper (CSE/ISE)

- Artificial Intelligence
 - Machine Learning
 - Information Theory
 - Computer Vision & Pattern Recognition
 - Big Data Analytics
 - Cloud Computing Soft Computing
 - Green Computing
 - Sustainable Engineering
 - Data Augmentation in Deep learning Models
 - Applications of Generative Adversarial Networks (GANs) in Data Augmentation
 - Cyber Security , Block Chain , Computer Networks, Cryptography & Network Security
 - Data Privacy, Privacy Preserving Data Mining
- (But not limited to)

About Department of ECE

Department of Electronics and Communication Engineering started in the year 2019 with an intake of 60 and is affiliated with Visvesvaraya Technological University, Belagavi. It is one of the prominent Engineering disciplines that encompass a variety of topics related to communication, networking, signal processing, etc. The department has state-of-the-art laboratories which include equipment to carry out research on recent trends. The department has good collaborations with many industries which helps students to endure training, workshops, and placements. The ECE department is committed to creating a community of students that reflects the diversity of the world. It also contributes towards educational excellence and meeting industrial standards. Prominence is given to shaping students for taking up the future of electronic system design, communications, and broadcast systems with confidence. The main aim of the department is to reassure the students of the globalized technological world by leading them to be a frontier for new-age technology.

About Department of ME

Department of Mechanical Engineering started functioning in the year 2019 under affiliation with Visvesvaraya Technological University (VTU), Belagavi with an intake of 60 students. The department is headed by Dr. C. Solaimuthu who with his vastly experienced team of qualified faculty strives to take the department to the pinnacle. The department has been able to generate funds worth Rs. 48,28,696/- from various funding agencies such as DST and VTU for enhancing research and developmental activities in the department. The department has good collaborations with many industries that helps the students to undertake competitive training resulting in their improved placements. The ME department is committed to create a community of students that not only contributes towards educational excellence but is also capable of meeting high industrial standards. Finally, the major aim of the department is to reassure the students, of the present globalized technological world, that they shall lead and grow with frontiers of new-age technologies under the auspices of ME Department of RVITM.

Call for Paper (ECE)

- Signal Processing
 - VLSI & VHDL Design & applications
 - Antenna Engineering
 - Nan photonics
 - Consumer Electronics
 - Smart Electronics Systems
 - VLSI Verification and Testing
 - Robotics and Automation
 - Internet of Things
 - Next Generation Networks
 - Sensors & Networks
 - Embedded Systems
 - Communication Systems
 - Quantum Computing
 - Vehicular Communication Techniques
- (But not limited to)

Call for Paper (ME)

- IC Engines and Alternate Fuel
 - Computational Fluid Dynamics
 - Renewable Energy
 - Nanotechnology
 - Materials Synthesis and Characterization
 - Electric and Hybrid Vehicles
 - Surface Engineering
 - Additive Manufacturing
 - Robotics and Bio robotics
 - 3D Printing
 - Mechanics of Solids
- (But not limited to)