

ABOUT THE DEPARTMENT

The Department of Civil Engineering, established in 2010 with an intake of 60 students, is dedicated to providing a well-rounded education. The department's modern facilities include well-equipped laboratories spanning various civil engineering disciplines, complemented by smart classrooms that enhance interactive learning experiences. Faculty members, highly qualified and experienced, mentor students with a focus on critical thinking. The department's curriculum blends theory with practical skills, preparing graduates for the dynamic field of civil engineering. Faculty members engage in ongoing research, contributing to a robust learning environment.

Vision

To become a premier department by producing technically competent Civil Engineers who can meet the needs of Industry, Society and Environment.

Mission

- To reinforce technical skills set among students through innovative teaching learning process, industrial visits and project work.
- To develop competent, ethically strong, environmentally and socially responsible civil engineers.
- To develop industry institute relationship to promote technical training, consultancy, research and development among faculty and students.

ABOUT ACCE(I)

The Association of Consulting Civil Engineers (India) is the premier professional body of Civil Engineers founded in 1985, having its head office at Bengaluru, India with over 47 centers and about 7500+ members spread all over India it is the only organization that brings all Civil Engineers, Government and its organizations, R&D Institutions and Academia under one roof. ACCE (I) takes the responsibility to disseminate the knowledge among all Consulting Civil Engineers, Developers, Faculty members and students to form a bridge between education and industry and also establish rules for professional & ethical conduct & to develop social awareness. ACCE(I) has shown tremendous potential for growth with a strong and deliberate mission.

ABOUT THE P.K.M EDUCATIONAL TRUST

P.K.M Educational Trust was set up in 1993 with a mission of conferring education to all segments of society to render administrations to humankind in the field of education by setting up schools and colleges, along with other facilities. The R.R. Institutions, under PKM Educational Trust, in its ambit has the following technical and non-technical Institutes to cater to the varied ambitions of aspersing student's community

- RR Institute of Technology
- RR School of Architecture
- RR Polytechnic
- RR Institute of Advanced Studies
- RR Institute of Management Studies
- RR College of Pharmacy
- R R Institute of Medical Science
- Manjunatha School & College of Nursing
- RR School & College of Nursing
- NRR Hospital School and College of Nursing
- RR College of Education
- National Public School, Chikkabanavara
- Academy of Learning (PUC)
- National Academy of Learning
- Rainbow International School
- Little Millennium, Kereguddahalli
- NRR Hospital
- Prakriya Hospitals

ABOUT THE COLLEGE

R R Institute of Technology, set up with a mission of imparting education to all sections of society, was established in the year 2008 to render high standards of academic achievement with moral and social commitments. Converting the idea of providing high quality education combined with excellent infrastructure into a reality in the Indian context. R R Institute of Technology is located at Bangalore city and spread across 27 acres with lush green gardens, for getting a peaceful and serious learning atmosphere. Bengaluru, a leading educational centre and one of India's most vibrant, cosmopolitan cities, is well connected by road, rail, and air to the rest of the nation.

Undergraduate Courses (B.E)

- Civil Engineering
- Computer Science & Engineering
- Information Science & Engineering
- Electronics & Communication Engineering
- Electrical & Electronics Engineering
- Mechanical Engineering
- **B.Arch. Architecture**

Research and Development Center – CSE/ECE/ME/CE/BS

One day International Conference

on

“Sustainable Advancement in Civil Infrastructure Development”

20th June 2024

Hybrid mode



Department of Civil Engineering
in association with
Association of Consulting Civil Engineers
(ACCE), Bangalore.

Publication partner
International Journal of Engineering Research
and Technology (IJERT)



R R INSTITUTE OF TECHNOLOGY

(Approved by AICTE, New Delhi, Affiliated to VTU, Belagavi.
Accredited by NAAC & NBA).

Raja Reddy Layout, Hesaraghatta Main Road, Chikkabanavara,
Bengaluru-560090.

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ABOUT THE CONFERENCE

The conference titled "Sustainable Advancement in Civil Infrastructure Development" serves as a platform for professionals, researchers, and experts in the fields of structural engineering, transportation engineering, and environmental engineering to come together and explore innovative solutions for the challenges facing our world. With a focus on advancing these key areas of civil engineering, the conference aims to foster discussions, share knowledge, and inspire collaboration towards building a sustainable and resilient future. Attendees can expect engaging presentations, insightful discussions, and networking opportunities that will contribute to pushing the boundaries of civil engineering and shaping the world of tomorrow.

CONFERENCE THEMES

The themes for the conference "Sustainable Advancement in Civil Infrastructure Development-2024" include but not limited to the following tracks in Civil Engineering.

- Structural Engineering
- Geo technical Engineering
- Environmental Engineering
- Transportation Engineering
- Construction Technology & Management
- Remote sensing and GIS Applications.

SUBMISSION GUIDELINES & INDEXING

We cordially invite faculty members, research scholars, and scientists from India and around the globe to contribute original, unpublished research papers addressing topics relevant to the conference. Submitted manuscripts should offer innovative insights within the conference's overarching theme. While we encourage submissions of research papers, we will also consider literature reviews or survey papers if they offer novel perspectives, bring clear benefits to the field, redefine existing knowledge, or illuminate emerging technologies or research areas.

All submissions must adhere strictly to the conference's designated template format.

Submitted papers will undergo rigorous peer review prior to acceptance for presentation at the conference.

Accepted papers, after registration and presentation, will be considered for publication in the conference proceedings or in special issues of journals with unique ISBN/ISSN numbers.

WHO CAN ATTEND

Participation in this conference is open to the faculty members, research scholars, post graduate and under graduate students from academics, research institutes and working professionals.

ADVISORY COMMITTEE

Dr. C. Jagadeesh, Former ISRO Scientist, Bengaluru.
Dr. Aravind Kumar Nema, Professor, IIT, Delhi.
Dr. Basavaraj Manu, Professor, NITK, Surathkal.
Dr. Katta Venkataramana, Professor, NITK, Surathkal.
Er. Nagesh Puttaswamy, Chairman, ACCE(I), Bengaluru.
Dr. M S Nagakumar, Professor, RVCE, Bengaluru.
Dr. K N Viswanath, Professor & Head, DSATM, Bengaluru.
Dr. Bharthi Ganesh, Professor, NMIT, Bengaluru.
Dr. G Narayana, Professor & Head, SJCIT, Chickballapura.
Dr. B C Nagendra Prasad, Professor & Head, MIT, Mysore
Dr. Mohan Krishna, Researcher, ETH, Zurich, Switzerland.

TECHNICAL COMMITTEE

Dr. Jagadeesh Kumar B G, Professor, RRIT, Bengaluru.
Dr. Rame Gowda, Professor, RRIT, Bengaluru.
Prof. Ranganathan B A, Assoc. Professor, RRIT, Bengaluru.

PROGRAMME SCHEDULE

Date: 20th June 2024

Inauguration : 9.30 am -10.00 am

Key note speaker-1 : 10.00 am -11.00 am

Paper Presentation session-1 : 11.00 am -1.00 pm

Key note speaker-2 : 1.30 pm - 2.30 pm

Paper Presentation session-2 : 2.30 pm - 4.30 pm

Valedictory : 4.30 pm - 4.50 pm

VENUE: Department of Civil Engineering, RRIT, Bengaluru.

Registration fees:

Registration fees for all the participants is Rs 200/-

Registration Link: <https://forms.gle/gPau5pXkZqeKVRJj8>

For Author:

- All selected papers will be published in the conference proceedings with an ISBN/ISSN.
- Interested authors can choose to publish in peer reviewed journal/ Scopus/UGC by paying additional publication fees.
- The maximum number of authors per paper should be five.
- Certificates will be issued to a maximum of three authors; any additional authors will be required to pay an additional fee of Rs 200.

Note: i) Outstation delegates has to make their own arrangements for boarding and lodging.

ii) Soft copy of the conference proceedings will be provided to all the registered delegates.

CHIEF PATRON

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Chairman, PKMET, Bengaluru

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Secretary, PKMET, Bengaluru

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Department of Civil Engg., RRIT, Bengaluru

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RRIT, Bengaluru

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Prof. Jayadeep K S

IMPORTANT DATES

Full length paper submission : 25th May 2024
Paper acceptance notification : 31st May 2024
Registration & submission of camera ready paper : 5th June 2024
Conference Date : 20th June 2024

MODE OF PAYMENT:

Online: NEFT/RTGS/IMPS/UPI

A/C name: CIVIL ENGINEERING,RRIT

A/C NO: 86100100000332

IFSC: BARB0VJCHIK

Bank: Bank of Baroda, Chickbannavara, Bangalore

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