



Rajarajeswari College of Engineering

An Autonomous Institute, Under Visvesvaraya Technological University, Belagavi ,
Approved by AICTE, UGC & GoK, Accredited by ISO 9001-2015 Certified Institution

Sponsored by: MOOGAMBIGAI CHARITABLE AND EDUCATIONAL TRUST

Department of Civil Engineering



Date: 04.08.2025

Department of Civil Engineering & Computer Science and Design organizing **5 Days Faculty Development Program on** **Empowering Educators in Next-Gen Technologies and Design** **Thinking**

Venue : CSD Seminar Hall-109
Date : 28th July 2025 to 1st August 2025
Participants : Civil Engineering, Computer Science & Design - Faculties



**Rajarajeswari
College of Engineering**
An Autonomous Institution
Under VTU, Approved by AICTE, UGC & GoK

No. 14, Ramohalli Cross, Kumbalagodu, Mysore Road, Bengaluru - 560074





**Department of
Civil Engineering and
Computer Science and Design**
Organizing
5-Days Faculty Development Program on
"Empowering Educators in Next-Gen
Technologies and Design Thinking"



**KNOWLEDGE
EMPOWERS
YOU**

MORE INFO :
📞 9008845678 , 9900058214
✉️ admission@rrce.org
🌐 www.rrce.org





**28.07.2025
to
01.08.2025**



9:30 A.M. TO 03:30 P.M



CSD Seminar Hall, RRCE

Dr. Selvi M **Dr.C.Ramesh**
HoD - CSD HoD - CVE

Dr. R. Balakrishna
Principal

Campus: #14, Ramohalli Cross, Kumbalagodu, Mysore Road, Bengaluru – 560074

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Overview of the FDP:

The event started with the formal Inaugural function at 9.30a.m in Room No 109. On the dais Our Chief guest Dr. Sreenivasa Murthy. V, Associate Professor & HoD,RRCE, Dr.M.Selvi HOD CSD, Dr. C. Ramesh HOD CVE. The function started with Invocation Song, followed by the welcome speech, followed by residential address given by Dr. Sreenivasa Murthy. V and Hod. Followed by Vote of Thanks.

Day 1:

- **AI tools for faculties**

Dr. S Jagannathan , Professor & Dean Corporate affairs has given a session on AI tools which are transforming how educators manage their classrooms, design lessons, and enhance student learning experiences. These tools can help faculty save time, provide personalized learning, and improve administrative tasks.

AI tools empower faculties to focus more on teaching and less on administrative tasks, while also offering personalized learning and better student engagement.

- **Problem Solving Techniques**

Dr. M Selvi, HOD, Department of CSD has given the insights on structured methods used to analyze challenges, generate solutions, and implement effective outcomes. These techniques are essential in education, business, and everyday decision-making. mastering problem solving techniques helps individuals and teams approach challenges strategically, leading to better decisions and outcomes.

Day 2:

- **Wealth from Waste**

Dr. D C Sharma, Professor, Department of Civil Engineering has given the session on wealth from waste where it is the concept of transforming waste materials into valuable products, promoting sustainability, resource efficiency, and economic gain. It focuses on recycling, reusing, and repurposing waste to reduce environmental impact and generate income or usable resources turns environmental challenges into economic and ecological opportunities, aligning with circular economy and sustainable development goals.



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- **CO PO Attainment process**

The session was given by Dr. Kirubha D, Professor and HoD, Department of CSE. The session was designed to help educators understand and implement outcome-based education (OBE) effectively. This process ensures that the learning outcomes of individual courses (COs) align with broader program-level outcomes (POs), ultimately improving the quality and accountability of academic programs.

The CO-PO attainment process is a vital component of outcome-based education, ensuring that teaching aligns with desired graduate attributes. The session equips faculty with the tools to assess, monitor, and continuously improve their educational practices.

Day 3:

- **Computer design of Structures**

Dr. T C Manjunath, Professor & Dean Research given this session and the session introduces participants—typically civil engineering students or faculty—to the use of computer-aided tools and software in the analysis and design of structural systems. The session emphasizes how modern engineering software enhances accuracy, efficiency, and safety in structural design. Session equips participants with essential skills to perform structural analysis and design using advanced tools. It fosters competence in handling real-life structural challenges through the integration of engineering knowledge and software proficiency.

- **Innovation Design**

The session was given by Dr. Satheesha V, Associate Professor & HoD, Department of R&A, which includes civil engineering students or faculty—to the use of computer-aided tools and software in the analysis and design of structural systems. The session emphasizes how modern engineering software enhances accuracy, efficiency, and safety in structural design. Session equips participants with essential skills to perform structural analysis and design using advanced tools. It fosters competence in handling real-life structural challenges through the integration of engineering knowledge and software proficiency.

Day 4:

- **Outcome Based Education**

Dr. G Sadashivappa COE & Professor has given the session which is designed to familiarize educators and academic stakeholders with a student-centric approach to teaching and learning that focuses on achieving specific measurable outcomes.

The OBE session empowers educators to shift from traditional teaching to a structured, goal-oriented approach that prioritizes student learning outcomes, accountability, and continuous improvement—key for national and international accreditation standards like NBA or ABET.



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- **The Art of Focus**

Art of focus session was given by Dr. C S Pillai, Professor, Department of CSE. The session is designed to help individuals understand and develop the skill of sustained attention in a world full of distractions. It emphasizes techniques for improving mental clarity, productivity, and personal effectiveness—essential skills for students, educators, and professionals alike.

The Art of Focus session equips participants with insights and techniques to thrive in an age of constant distractions. By mastering focus, individuals can achieve greater efficiency, clarity, and success in both personal and professional life.

Day 5:

- **Road Map of 2025-26**

Dr. Radha Krishna R.Kumshikar, Dean IQAC has given the inputs on Road map which is a structured plan that outlines the path students or educators should follow to achieve specific educational goals. It serves as a visual and strategic guide for academic progression, skill development, and career readiness.

An academic roadmap is essential for structured learning and long-term success. Whether for students planning their education journey or institutions designing curriculum pathways, a well-defined roadmap ensures alignment, consistency, and achievement of desired academic and professional outcomes.

- **Need of Design**

The session was given by Dr. C Ramesh Professor & Dean Infrastructure Planning and Support. Design in academics refers to the intentional planning and structuring of educational content, pedagogy, and learning environments to enhance student engagement, understanding, and skill development. Incorporating design principles ensures that education is effective, relevant, and adaptable to evolving needs. Design in academics is essential to transform traditional education into a dynamic, learner-focused process.



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Photos of the Event



Inagural function by Dr. Sreenivasa Murthy. V



Day-1 Morning session by Dr. S Jagannathan

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Day-1 Afternoon session by Dr. M Selvi



Day-2 Morning session by Dr. D C Sharma

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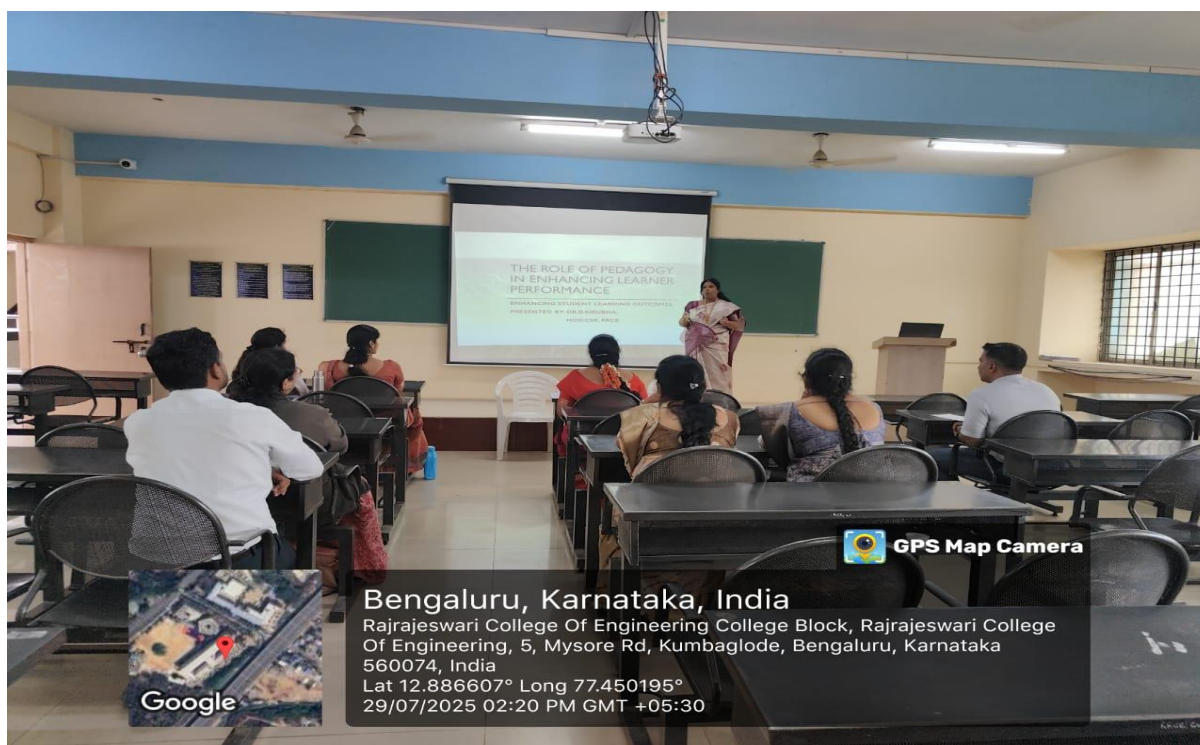


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Day-2 Afternoon session by DR. Kirubha D



Day-3 session by Dr. Satheesha V

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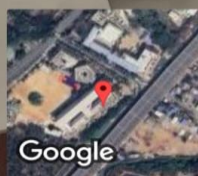


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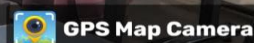
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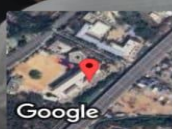
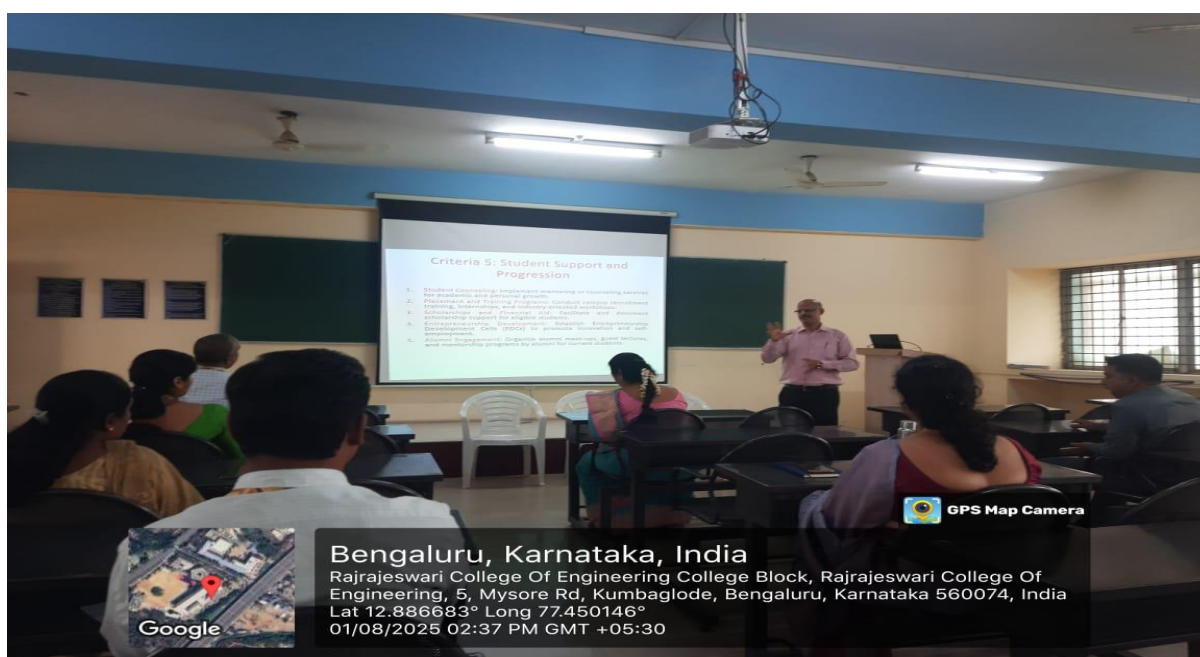
Bengaluru, Karnataka, India

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Lat 12.886675° Long 77.450223°
31/07/2025 02:35 PM GMT +05:30



Day-4 session by Dr. C S Pillai



Bengaluru, Karnataka, India

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Lat 12.886683° Long 77.450146°
01/08/2025 02:37 PM GMT +05:30



Day-5 Morning session by Dr. Radha Krishna R.Kumshikar

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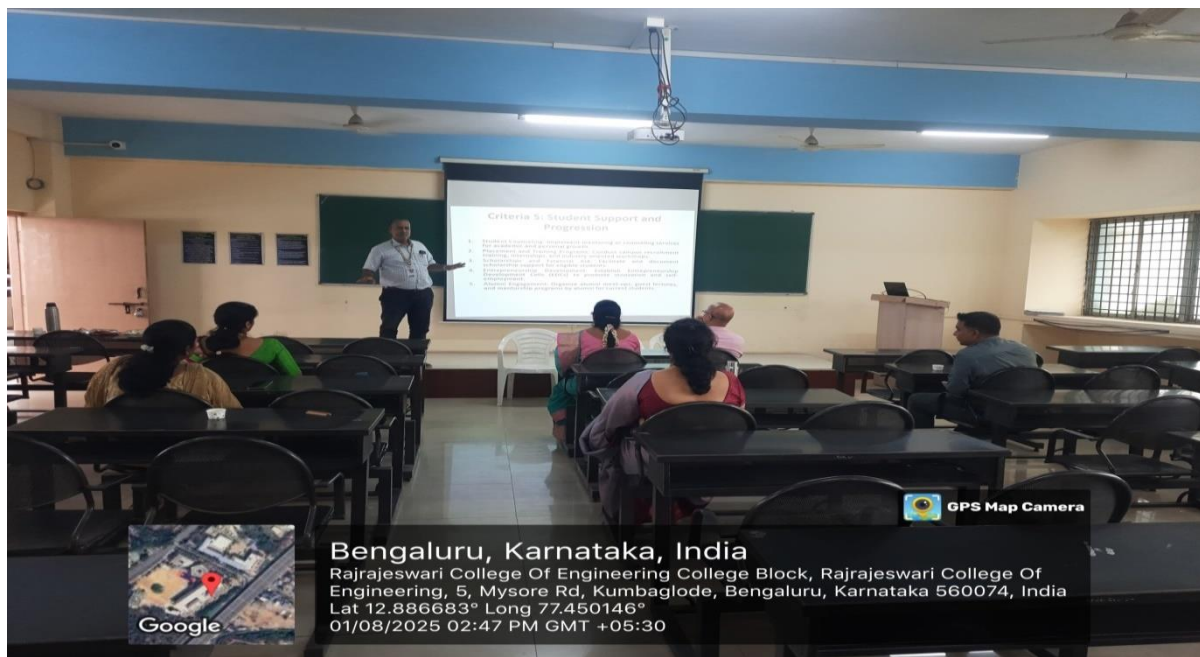


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Day-5 Afternoon session by Dr. C Ramesh




Professor & HOD
Department of Civil Engineering
RAJARAJESWARI COLLEGE OF ENGINEERING
Bengaluru-74

HOD

FDP Valedictory picture


Principal
RAJARAJESWARI
COLLEGE OF ENGINEERING
Ramohalli Cross, Bengaluru-74

PRINCIPAL

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Faculty Development program on "Empowering Educators in Next-Gen Technologies and Design Thinking"

Program schedule:

Date	10.00 AM to 1.00 AM	1.00 to 2.00PM	2.00 PM to 4.00 PM
Day1 28/07/25	Session 1: AI tools for faculties by Dr. S Jagannathan , Professor & Dean Corporate affairs.	Lunch	Session 2: Problem Solving Techniques, By Dr. M Selvi, HOD, Department of CSD.
Day 2 29/07/25	Session 3: Wealth from Waste By Dr. D C Sharma, Professor, Department of Civil Engineering.	Lunch	Session 4: CO PO Attainment process by DR. Kirubha D, Professor and HoD, Department of CSE.
Day 3 30/07/25	Session 5: Computer design of Structures By Dr. T C Manjunath, Professor & Dean Research.	Lunch	Session 6: Innovation Design By Dr. Satheesha V, Associate Professor & HoD, Department of R&A.
Day 4 31/07/25	Session 7: Outcome Based Education by Dr. G Sadashivappa COE & Professor.	Lunch	Session 8: Importance of Focus by Dr. C S Pillai, Professor, Department of CSE.
Day 5 01/08/25	Session 9: Road Map of 2025-26 by Dr. Radha Krishna R.Kumshikar, Dean IQAC.	Lunch	Session 10: Need of Design By Dr. C Ramesh Professor & Dean Infrastructure Planning and Support.

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Circular

Date: 25/07/2025

All the faculty are hereby informed that the Civil Engineering department is organizing a faculty development program on “Empowering Educators in Next-Gen Technologies and Design Thinking” from 28th of July 2025 to 1st August 2025. All the faculty members are encouraged to attend the program.


Head of the Department



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Attendance Sheet

Faculty Development program on

“Empowering Educators in Next-Gen Technologies and Design Thinking”

Sl. No.	Name of the Faculty	Day1 28/07/25	Day 2 29/07/25	Day 3 30/07/25	Day 4 31/07/25	Day 5 01/08/25
1	Dr. Ramesh C					
2	Dr. M Selvi					
3	Dr D C Sharma					
4	Malarvizhi M C					
5	G K kamalakara					
6	Kavya MPM					
7	Rubithra Athiyappan					
8	Ghouse Pasha					
9	Dr. K Aravinthan					

Program coordinator

HOD

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