JUNE 2023

>>> NEWSLETTER <<<

2022 - 2023

R.M.K. ENGINEERING COLLEGE

(An Autonomous Institution) RSM Nagar, Kavaraipettai - 601 206

Gummidipoondi Taluk, Thiruvallur District

Affiliated to Anna University, Chennai / Approved by AICTE, New Delhi Accredited by NAAC with A+ Grade / ISO 9001:2015 Certified Institution All the ELIGIBLE UG Programs are Accredited by NBA, New Delhi



>>> DEPARTMENT OF CIVIL ENGINEERING <<<

ABOUT THE DEPARTMENT

COURSES OFFERED

B.E.– CIVIL ENGINEERING

KNOWLEDGE PARTNER

TCS in GIS and SMART Cities

HONOURS DEGREE OFFERED

- Geo-Informatics
- Smart Cities and Urban Infrastructure
- Green Building and Project Management
- Intelligent Transport Systems

>>> ACADEMIC EXCELLENCE

The department is well equipped with state-of-the art laboratory facilities and modern equipment for providing hands on training to the students. The department has received 88 University ranks with 4 gold medals from Anna University since its inception. The department has good interaction with industries, which facilitates the students to acquire placement, internship and in-plant training opportunities to become industry ready with required skill sets. The department has established a Centre of excellence on Concrete and Formwork in association with L & T Construction. The department has received Construction Industry award 2014 for the excellence in Civil Engineering education, ICI – Ultratech award for the Outstanding Students' Chapter for two consecutive years 2015 and 2016 and Best Engineering College Student Chapter of India 2017 from Institution of Engineers, India. The program is accredited by National board of accreditation, NBA.

>> PH.D IN CIVIL ENGINEERING

The department of Civil Engineering was started in the year 2006 with a vision to impart quality education and to produce professionally competent civil engineers with right attitude and social responsibility for accomplishing global needs. The department is enriched with a team of highly qualified and experienced faculty members, specialized in diversified stream of civil engineering.

- Virtual and Augmented Reality
- Artificial Intelligence and Data
 Science

MINOR DEGREES OFFERED

VISION

To produce professionally competent Civil Engineers with right attitude and social responsibility for accomplishing global needs.

- To provide an excellent environment for teaching-learning process and to promote continuing education for faculty.
- To instill in the students, conceptual knowledge, technical skills and ability to resolve complex engineering problems using innovative techniques in association with industry.
- To motivate the students to have a desire for pursuing higher education, and research to face the global challenges.



• To inculcate social responsibility, ethical values and a spirit of innovation and entrepreneurship among the students.

>>> PROFESSIONAL SOCIETIES AND ACTIVITIES

The department is associated with various professional societies such as Indian Concrete Institute (ICI), Indian Society for Technical Education (ISTE), Institution of Engineers (India) (IEI) and Indian Green building Council (IGBC). Civil Engineering Students' Association (CESA) is very active in organizing various technical events through the professional societies. The professional society chapters are very active and various technical events are organized and conducted under its banner for the benefits of students. The department organizes a national level technical symposium, "Colosseum" every year as a part of the Civil Engineering Students' Association activities to develop technical and leadership skills among the students.

>>> RESEARCH AND DEVELOPMENT

The department is actively involved in R&D activities and received funding from various funding agencies like DST, AICTE, DAE etc. Students are motivated to carry out inhouse/inter-disciplinary projects. Many such projects have been completed and implemented in the campus with the help of faculty mentors. Faculty members are engaged in carrying out consultancy projects and material testing and consultancy in the laboratory for various industries.

>>> CAREER ENHANCEMENT

The department organizes various training programs, mock interview, workshops and invited talks for career enhancement of students. The department has close association with alumni which helps to mould the students in opting their career (Placement/ higher studies/ Entrepreneur) of right choice. Department alumni across the globe guide the students for placements, higher studies and to become successful.

HEAD OF THE DEPARTMENT



DR. BINU SUKUMAR B.Tech, M.Tech, Ph.D Dr. Binu Sukumar, B.Tech, M.Tech, Ph.D., is Professor and Head of Department of Civil Engineering, R.M.K. Engineering College since February 2009 with a demonstrated history of working in the higher education industry. Skilled in Structural analysis and design, AutoCAD, Computer-Aided Design, Project Estimation, and construction. She is a strong engineering professional with a Ph.D focused in Self Compacting Concrete from Anna University. She has more than 32 years of teaching and industrial experience. She has obtained her B.Tech in Civil Engineering, from Govt. College of Engineering, Trivandrum, Kerala University, M.Tech in Structural Engineering from Indian Institute of Technology, Madras and PhD from the faculty of Civil Engineering, Anna University, Chennai. She has held various positions in industry as Trainee Engineer in Kerala State PWD and Site Engineer in Kerala State.

She has guided a number of Under Graduate projects & Post Graduate and guiding Ph.D scholars. She has received funding from various funding agencies, DAE- BRNS, DST-DDP, AICTE- SPICES, AICTE-MODROB, etc.. She has published her research findings in National and International Journals. She has attended many International and National Conferences, Seminars and Workshops. She has been certified with Elite Grade as topper for two online courses by NPTEL. She has received so many awards and accolades. She has been awarded, Best faculty award by Cognizant, Academic Professional Icon Award by Institution of Engineers (India), Distinguished Faculty in Civil Engineering by Venus International Foundation, Best Administrator Award by Dr. Kalam Educational Trust, Excellence Teaching in Higher Education by Arunai International Research Foundation, Research Excellence Award by Institute for Exploring Advances in Engineering, Best engineering college student's chapter award by (IEI), Ultra Tech Award 2015 and 2016 for outstanding Student Chapter of ICI, TN and Construction industry award for excellence in Civil Engineering Education.

She is reviewer for many International Journals published by Elsevier and Springer publishers and has been a member of Editorial Board for International Journal of Advances in Engineering Research & International Journal of Research in Science and Technology. She has authored many text books in Civil Engineering and has been a reviewer for many text books for various publishers. She is a Recognized Research Supervisor of Anna University. She is a fellow of IEI and life member of various professional societies like ISTE, and ICI. She has received research funding from Govt. agencies like DST, AICTE, DAE, BRNS etc., for various R&D activities. She has authored 7 text books in the field of Civil Engineering.

>>> GUEST LECTURES OVERVIEW <<<<











Rebar Detailing in Revit structure – BIM Mr. Venkat Raman Chief BIM Engineer Construct Techz Training Service, Chennai Saturday, 08-April-2023 Third Year Civil Students

Building Information Modelling Dr. Ashwin Mahalingam, Professor Department of Civil Engineering, IIT Madras, Tuesday, 07-March-2023 Second and Third Year Civil Students

Technology Adoption in AEC Dr. Senthil Kumar Associate Professor, Department of Civil Engineering, IIT Palakkad, Monday, 24-February-2023 Second and Third Year Civil Students

BIM Modeling and Entrepreneurship Opportunities for BIM Engineers Mr. Venkat Raman Chief BIM Engineer COWI, Chennai Saturday, 27-August-2022 All Civil Students

Industry Ready Civil Engineers Er. S. G. Ashok Kumar, Founder & CEO, Construction Management Training Institute (CMTI), Bangalore Monday, 31-October-2022 Third and Final Year Civil Students

Challenges for Civil Engineers in Today's India Mr. Mohan Ramanathan, Managing Director, Advanced Construction Technologies Pvt Ltd, Chennai Saturday, 8-October-2022 All Civil Students

FACULTY DEVELOPMENT PROGRAM OVERVIEW



Prof. B. Manimekalai Centre for Environmental Studies, Department of Civil Engineering, College of Engineering, Guindy. Thursday, 17-June-2023 20CE503 – Environmental Engineering

Dr. S. Greeshma Associate Professor, Structural Engineering Division, Department of Civil Engineering, College of Engineering, Guindy. Thursday, 13-May-2023 22CE301 – Mechanics of Materials







Er. S. Krishna Prashanth Assistant Engineer Tamil Nadu Pollution Control Board, Trichy. Monday, 02-December-2022 Webinar on Pollution Prevention and Control

> Mr. Sriraaman Social Inventor, BIRAC, Govt of India Saturday, 27-August-2022 Angel Investment / VC Funding Opportunity for Early stage Entrepreneurs



>>> IDC ACTIVITIES



INTRA DEPARTMENT PROJECT DEMONSTRATION COMPETITION III YEAR STUDENTS CIVIL - R.M.K.E.C Thursday, 17-March-2023

INTRA DEPARTMENT PAPER PRESENTATION COMPETITION II YEAR STUDENTS CIVIL - R.M.K.E.C Thursday, 22-February-2023



>>> CLUB ACTIVITIES OVERVIEW <<<







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R.M.K. ENGINEERING COLLEGE					
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Part	icipants: Civil Engineering Studen				
Part	organizing committee				
Smt. Manjula Munirathinam	ORGANIZING COMMITTEE	Shri, R. Jothi Naidu			
Smt. Manjula Munirathinam Charperson Shri, R. M. Kishore	ORGANIZING COMMITTEE Shri, R. S. Munirathinam Founder & Charmen Shri, Valamanchi Pradeeo	Shri. R. Jothi Naidu Director Dr. Duroster Pradeso			
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>>> INDUSTRIAL VISITS OVERVIEW <<<



Zuari Cements Batch :2021-2025 Year : II Year No. of Students: 25 Thursday, 18-February-2023 Cement Grinding unit

Kamatchi steels Ltd. Batch :2020-2024 Year : III Year No. of Students: 36 Thursday, 16-February-2023 Steel Manufacturing unit



Bhoomi Bricks Batch :2021-2025 Year : II Year No. of Students: 25 Wednesday, 15-February-2023 Bricks and Blocks manufacturing Unit



L&T Precast Casting Yard Batch :2020-2024 Year :III Year No. of Students: 36 Monday, 13-February-2023 Precast manufacturing Unit

>>> INDUSTRIAL VISITS OVERVIEW <<<



VME Precast Private Ltd Batch :2019-2023 Year :IV Year No. of Students: 43 Saturday, 28-October-2022 Precast manufacturing Unit



Advanced Construction Technologies Private Ltd Batch :2019-2023 Year :IV Year No. of Students: 43 Saturday, 15-October-2022 Advanced Construction Machineries and Madhil block manufacturing

Boomi Bricks Batch :2020-2024 Year :III Year No. of Students: 36 Saturday, 20-August-2022 Manufacturing of Fly ash Bricks and Blocks



Raymix Concrete India Private Limited Batch :2021-2025 Year :II Year No. of Students: 22 Thursday, 18-August-2022 Ready-mix Concrete Manufacturing Plant

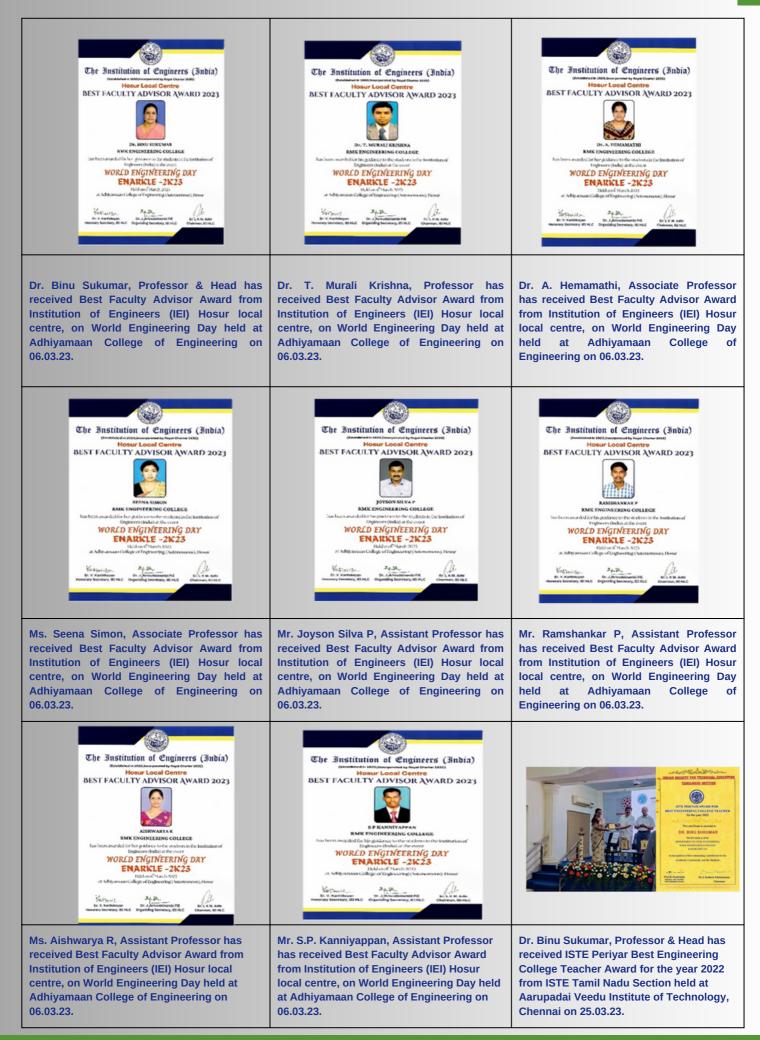


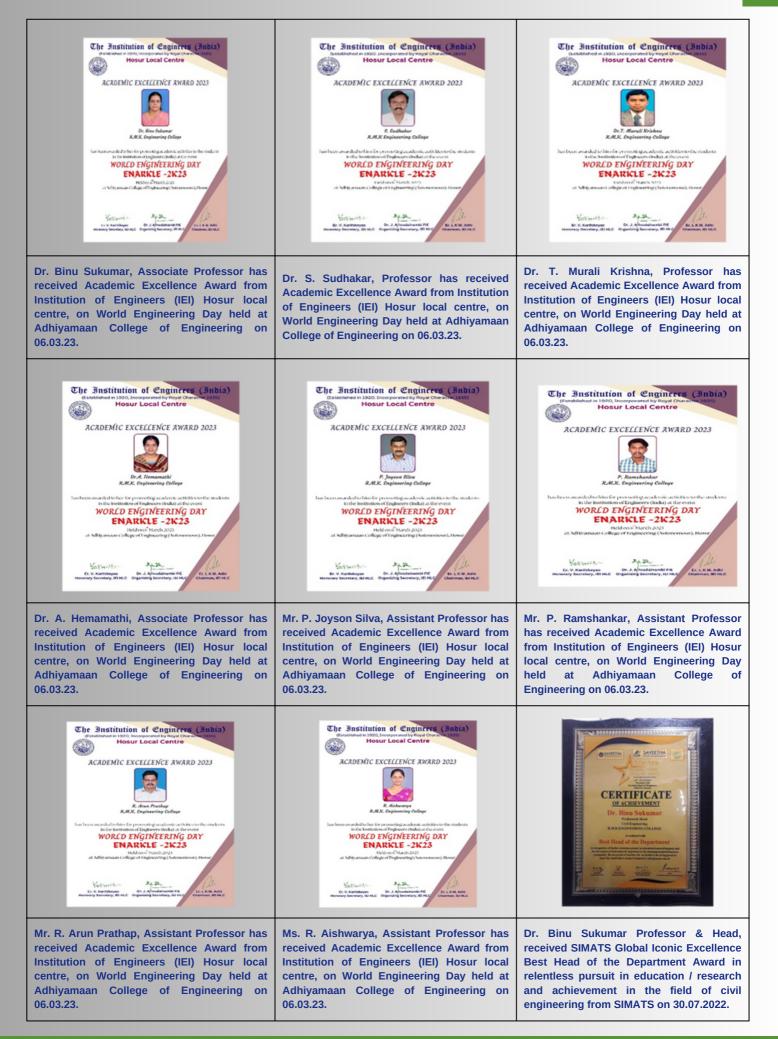
>>> STUDENTS PLACEMENT RECORDS <<<



still in progress

8









Our Final year students P Vijay Bhagavathi and Yogeshwar S has won Second Prize in the Paper Presentation Competition during the Technical Symposium Civilisation '23 Civil conducted by Department of Engineering, College of Engineering Guindy, on 04.03.23.



Our Final year students Rithika D and Evelin Blessy B has received NIT - Kozhikode National Award for Best Project in Civil and Architecture discipline from ISTE during 23rd ISTE Student's National Convention held at Priyadarshini college of engineering, Nagpur on 04.03.23.



Our Third year students Dhanushya K and Paarkavi E has received Kerala **Government Engineering Design National** Award from ISTE during 23rd ISTE Student's National Convention held at Priyadarshini college of engineering, Nagpur on 04.03.23.



Our Second year student Dhanush M V has received Best Student Award 2023 from Institution of Engineers (IEI) Hosur local centre, on World Engineering day held at Adhiyamaan College of Engineering on 06.03.23.

Our Second year student Suruthi S B has received Best Student Award 2023 from Institution of Engineers (IEI) Hosur local centre, on World Engineering day held at Adhiyamaan College of Engineering on 06.03.23.

Our Third year student Sumithra V has received Best Student Award 2023 from Institution of Engineers (IEI) Hosur local centre, on World Engineering day held at Adhiyamaan College of Engineering on 06.03.23.



Our Third year student Sweetha B has received Best Student Award 2023 from Institution of Engineers (IEI) Hosur local centre, on World Engineering day held at Adhiyamaan College of Engineering on 06.03.23.

Our Third year student Sneha S has received Best Student Award 2023 from Institution of Engineers (IEI) Hosur local centre, on World Engineering day held at Adhiyamaan College of Engineering on 06.03.23.

Our Third year student Hindumathi D has

received Best Student Award 2023 from Institution of Engineers (IEI) Hosur local centre, on World Engineering day held at Adhiyamaan College of Engineering on 06.03.23.

>>> ACHIEVEMENTS <<<

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Engineerin star awa completed	wantha Kumar M of IV year Civil ng has received NPTEL Discipline ard from NPTEL Swayam for d more than 50 weeks of learning in I July to Dec 2022 .	Dharshan R has we Brains Quiz compe level Techno symp	students Dhanush M V, on First Prize in the Civil tition during the National posium GYAN MITRA '23 lenk Engineering college	Our Final year Students Vijay Bhagavathi P, Yogeshwar S, Arul Shankar has won Second Prize in the Paper Presentation competition during Aasthivaara Invicto ACETECHFEST 2K23 held at Easwari Engineering college on 18.02.23.	
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R.M.K. E Third Priz	na P of Final year Civil Engineering, ngineering College has received e in CADATHON Contest Organized e Institute of Technology, Chennai 2022.	Engineering won	B of IV year Civil 2 Bronze medal in 37th o ITF championship held c 2022.	Ms. Rachana B of Third year Civil Engineering and Team, R.M.K. Engineering College won Gold medal in the Anna University Zone 1 Volley Ball Women's Tournament organized held at AMS Engineering College, Avadi.	
FACULTY DEVELOPMENT PROGRAMS ATTENDED BY TEACHING STAFFS' - 40+R.M.K. ENGINEERING COLLEGE (Autonomous institution)R.M.K. ENGINEERING COLLEGE (Autonomous institution)Image: Colling Collin					
>>> RESEARCH PROJECTS /				L - PERFORMERS Swayam	
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CONDUCTED TO STUDENTS - 45+					
>>>	INTERNSHIP / IN-PLANT TRAINING COMPLETED BY STUDENTS - 75+				
>>>>	JOURNAL PUBLISHED	- 20+			

>>> EDITORIAL BOARD <<<

Dr. Binu Sukumar B.Tech., M.Tech., Ph.D. Professor & Head

Dr. Hemamathi A B.E., M.E., Ph.D. Associate Professor (Grade I)

Mr. Ramshankar P B.E., M.E. Assistant Professor





Dr. Murali Krishna T B.Tech., M.E., Ph.D. Professor

Mr. Joyson Silva P B.E., M.Tech., (Ph.D.) Assistant Professor



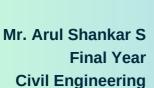
Mr. Arun Prathap R B.E., M.E. Assistant Professor

Ms. Aishwarya R B.E., M.E. Assistant Professor





Mr. Kanniyappan S P B.E., M.E. Assistant Professor







Mr. Yogeshwar S Final Year Civil Engineering

