



R.M.K. ENGINEERING COLLEGE

(An Autonomous Institution)

RSM NAGAR, KAVARAIPETTAI, GUMMIDIPOONDI TALUK, TAMILNADU- 601206.

Affiliated to Anna University, Chennai | Approved by AICTE, New Delhi | Accredited by NAAC with A+ Grade.

An ISO 9001 : 2015 Certified Institution | All the eligible UG programs are accredited by NBA, New Delhi

Website: www.rmkec.ac.in



BITS AND BYTES

DEPARTMENT OF

ELECTRONICS AND COMMUNICATION

ENGINEERING

2022-2023





HOD MESSAGE



The Department of Electronics and Communication Engineering of R.M.K. Engineering College proudly presents the yearly Magazine BITS & BYTES for the academic year 2023-24. I express my gratitude to our beloved Chairman Shri. R. S. Munirathinam and the management for guiding us in all our endeavors. The purpose of releasing the yearly Magazine BITS AND BYTES is to applaud and show case the achievements of both the students and faculty of ECE Department. I appreciate the efforts of the students and faculty members who worked tirelessly for releasing the yearly Magazine BITS AND BYTES.

Dr. T. SURESH
Head of the Department
Department of Electronics and Communication Engineering
R.M.K. Engineering College



VISION

- **To be one of the most sought after Centre of Excellence in the field of Electronics and Communication Engineering by providing high quality education.**
- **To mould the students to compete internationally and to become excellent researchers and innovators who can provide solution to societal issues.**



MISSION

- **To provide the needed resources and infrastructure and to establish a conducive ambience for the teaching-learning and research processes and to meet with the technological developments.**
- **To create high quality professionals and entrepreneurs in the field of Electronics and Communication Engineering with the right attitude to serve the society with ethical values.**
- **To modernize the laboratories on par with industry standards and to collaborate with them to improve the skill set of the students for providing innovative solutions to the industry.**
- **To provide a good ambience which encourages the students to pursue higher education.**



EDITORIAL BOARD

Our ECE Department is bringing out the magazine BITS & BYTES 2023 with pride. Our department is committed to ensure the overall Holistic development of students to graduate as engineers with innovative minds to take up the current technological developments. Our students bagged various awards and recognition in myriad of national and international competitions like Innovation Challenge, Paper presentation, Project presentation, Hackathon etc. The illustrious performance of our students is due to the excellent infrastructure and other initiatives by ECE Association. Our department has established Six Centre of Excellence on Telecom, Automotive Electronics and VLSI, IOT, Factory Automation, Robotic Process Automation and Embedded Systems to provide students with an in- depth training in the current promising area of engineering.

To bridge the gap between academia and industry, we provide the students

with latest technology kits such as Cypress PSOC, Raspberry Pi, Arduino Boards, Beagle board, FRDM-KL225Z, Intel Galileo board, Freescale kit. Our students are utilizing these kits to engage themselves in various events. Cyclone-III, Startix-III, Virtex-6 FPGA kits are also available in the department, to motivate students to take up industrial projects. ECE Association is active inbringing experts from various organizations to enlighten the students and provide them valuable insight into what the industry expects from them. Our Alumni are also giving their inputs to our students by conducting mock interviews and sharing their insights to face the interviews. By bringing out this magazine we intend to continue the quest for knowledge and quench the information thirst of the readers.



PATRONS

- **Shri R.S. MUNIRATHINAM, Chairman**
- **Smt. MANJULA MUNIRATHINAM, Chairperson**
- **Shri R. JOTHINAIDU, Director**
- **Shri R.M. KISHORE, Vice Chairman**
- **Shri YALAMANCHIPRADEEP, Secretary**
- **Dr. DURGADEVIPRADEEP, Vice Chairperson**
- **Smt. SOWMYAKISHORE, Management Trustee**
- **Dr. K.A. MOHAMED JUNAID, Principal**
- **Dr. PAVAI MADHESHWARI, Academic Coordinator**

STAFF COORDINATOR

- **Dr.T.Suresh/HOD**
- **Ms. M. Perarasi/AP**

- **Sri Madhava B**
- **Potrimal P M**

ABOUT THE DEPARTMENT

Courses Offered :

B.E. – Electronics and Communication Engineering

(Knowledge Partners – Johnson Controls (India) Pvt. Ltd. (JCI), TATA ELXSI, TATA Consultancy Services- IoT and BOSCH Ltd. – Automotive Electronics)

The Department, with its vision of being one of the most sought after Centres of Excellence in the field of Electronics and Communication, has provided an ambience and infrastructure for the students to become researchers and innovators.

History of the Department :

The Department was started with a sanctioned intake of 60 in the year 1995. The annual sanctioned intake was increased to 120 in the academic year 2001-02 and to 180 in the academic year 2012 – 13. The Department started its P.G. program M.E. (Applied Electronics) and M.E. (VLSI Design) in the year 2004 – 05 with the sanctioned intake of 18.

Accreditation :The U.G. Program of the Department was accredited by National Board of Accreditation (NBA) first in the year 2003 for 3 years. The accreditation was renewed in the year 2007 for 3 years, renewed in the year 2013 for 2 years and again renewed in the year 2018 for 3 years and again renewed in the year 2022 for another 3 years.

Academic Excellence :

The Department has been consistently achieving academic excellence in terms of University Results and with 105 University Ranks in UG and 70 University Ranks including 5 Gold Medals in PG since the establishment of the Department. The Department has a dedicated team of faculty members who contribute towards achieving academic excellence with a well proven teaching and learning methodology, active counseling of students and with innovative teaching techniques as required. The fields of the specialization of the faculty members cover VLSI Design, Telecommunications, IoT, Digital Signal Processing, Embedded Systems, Microprocessor based Hardware Design, Bio Signal processing and Medical Image Processing. ECE Department offers an Industry supported Autonomous curriculum (40% Syllabus provided by TATA ELXSI, TCS, Johnson Controls (India) Pvt. Ltd. (JCI) & Bosch Ltd.).

GUEST LECTURES



Innovation and Entrepreneurship

Mr.A.Darwin Nesakumar

Innovation Ambassador,

Assistant Professor/ECE

R. M. K. Engineering College

Saturday, 08-April-2023

II Yr – ECE

Basics of Engine and Related Functions

Ms. Aishwaryah Ilankumaran

Software Engineer

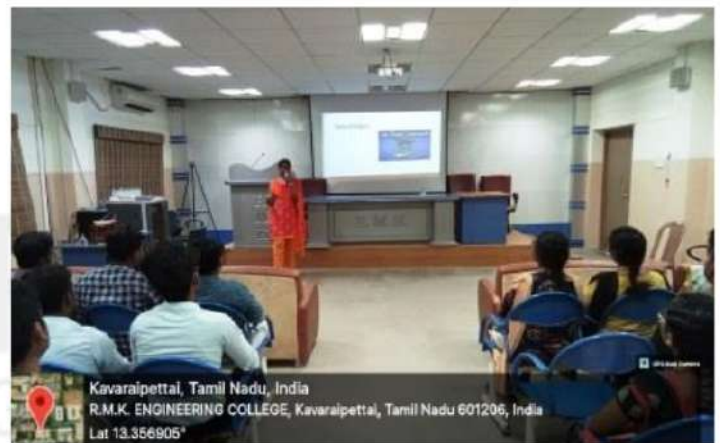
M/s. Mercedes Benz, Research and Development, Bengaluru

Alumnus 2015-2019 batch

Saturday, 08-April-2023

III Yr – ECE – Automotive Electronics cum

VLSI Batch Adopted Students



Kavaraipettai, Tamil Nadu, India
R.M.K. ENGINEERING COLLEGE, Kavaraipettai, Tamil Nadu 601206, India
Lat 13.356905°



Automotive Embedded Systems – Industry Trends and Expectations

Mr.Raghav Ankur

Senior Lead, Learning and Development

M/s. KPIT Technologies Private Limited, Bengaluru

Monday, 27-March-2023

III Yr – ECE – Automotive Electronics cum VLSI Batch Adopted Students

Kavaraipettai, Tamil Nadu, India
ECE/VR Block, Kavaraipettai, Tamil Nadu 601206, India
Lat 13.356931°
Long 80.142492°
27/03/23 02:25 PM GMT +05:30

GUEST LECTURES



Opportunities for Graduates in VLSI Industries

Mr.R.Kumaran

Senior Design Engineer

Alumnus 2012 Batch / ECE

*SmartSoc Solutions Private Limited,
Bengaluru*

Saturday, 25-March-2023

II Yr – ECE

Entrepreneurship and Innovation as Career Opportunity

Mr. Vishnu Varadan

Chief Executive Officer (CEO)

ATAL Incubation Centre

*Pondicherry Engineering College
Foundation*

NITI Aayog, Govt. of India

Tuesday, 21-February-2023

III Yr – ECE



Approximate Computing Hardware Design

Dr. Noor Mahammad S K

Associate Professor

*Indian Institute of Information Technology
Design and Manufacturing (IITDM)*

Saturday, 18-February-2023

III Yr – ECE



GUEST LECTURES



***The Expectation of Organization from Freshers :
The Journey from Campus to Corporate***

Mr. Ashish Balla

Associate Director – HR, M/s. HCL Tech, Noida

M/s. HCL Tech

Thursday, 16-February-2023

*III Yr – Automotive Electronics Cum VLSI Batch
Adopted Students*

IAS and TNPSC Orientation Program

Mr. S. Sivarajavel

*Founder – Director – Sivarajavel IAS
Academy*

Sivarajavel IAS Academy

Thursday, 15-February-2023

III Yr – UPSC Interested Students



***TELCO Ni Trends with Technology and
Overview of TELCO Community Engagements
– Universities/ Colleges***

Mr. Suresh Perumal

DMTS – Senior Member , Tech Ideas

M/s. Wipro Limited

Wednesday, 08-February-2023

III Yr – Telecom CoE Students

GUEST LECTURES



Basics of Linear Integrated Circuits and Applications

Dr. D.Vaithiyanathan

Assistant Professor

National Institute of Technology (NIT), Delhi

Friday, 03-February-2023

II Yr – ECE

Destination Abroad.... The Prerequisites!!

Mr.Ramakrishnan

General Manager – Sales and Operation

M/s. Manya – The Princeton review

Friday, 03-February-2023

II Yr – Higher Education Interested Students



Mobile Communication Networks

Mr.Prabhu Thiruvassagam

Technical Specialist – Research Scientist

M/s. NEC Corporation India Private Limited

Tuesday, 29-November-2022

III Yr – Telecom CoE Students

GUEST LECTURES



Education In France

Mr.R.Ajith Kumar

CEO

Campus France

Friday, 21-October-2022

*IV Yr – Germany Interested – Higher
Education Opted Students*

Education In University of Arizona

Mr.Salil Gupta

Chief Advisor

South Asia – University of Arizona

Wednesday, 19-October-2022

*IV Yr – USA Interested – Higher Education
Opted Students*



Awareness on Civil Service Examinations

Dr.S.K.Muruganatham

CEO

Chinmaya Academy of Civil Services

Tuesday, 18-October-2022

II Yr – UPSC examination Interested Students

GUEST LECTURES



Trends & Opportunities in VLSI Design

Dr. K. Swaminathan

Principal Engineer

Smart Lops (India) Research Center Private Limited, Bangalore

Saturday, 15-October-2022

IV Yr – ECE

Artificial Intelligence (AI) in Healthcare Applications

Dr. Sapthagirivasan Vivekanandhan

Manager-Solutions, Medical Devices- Product & Engineering Services

Capgemini

Tuesday, 11-October-2022

III Yr – ECE



Computer Vision and Embedded Vision in Autonomous/ADAS using AI for Automotive

Mr.M.Ashok

Technical Lead

Ficosa Automotive India Pvt. Ltd.

Saturday, 27-August-2022

IV Yr – ECE

GUEST LECTURES



Industrial Internet of Things – Challenges and Opportunities

Dr. Chokkalingam Aravind

Program Director

Taylor's University, Malaysia

Saturday, 20-August-2022

II Yr – ECE

Biodegradable PLLA-Based Piezo Electric Sensors for Various Applications

Dr. Hongdoo Kim

Professor, Department of Advanced Materials Engineering

Kyung Hee University, South Korea

Saturday, 13-August-2022

III Yr- ECE





Satish Dhawan Space Centre (Shar), Indian Space Research Organization (ISRO), Sriharikota

Batch :2020-2024

Year :III Yr – B and C

No of Students :94

Thursday, 27-April-2023

Satellite Communication

TVS Training and Services Limited

Batch :2020-2024

Year :III Yr – C

No of Students :65

Thursday, 13-April-2023

Embedded Systems, Electric Vehicles, PLC Automation



Chennai Electrical Engineering Works Private Limited

Batch :2021-2025

Year :II Yr – A

No of Students :46

Friday, 16-March-2023

High Tension, Low Tension, AC, DC Motors and Generators



Chennai Electrical Engineering Works Private Limited

Batch :2021-2025

Year :II Yr – B

No of Students :46

Thursday, 15-March-2023

High Tension, Low Tension, AC, DC Motors and Generators

Chennai Electrical Engineering Works Private Limited

Batch :2021-2025

Year :II Yr – C

No of Students :45

Wednesday, 14-March-2023

High Tension, Low Tension, AC, DC Motors and Generators



Chennai Electrical Engineering Works Private Limited

Batch :2021-2025

Year :II Yr – D

No of Students :45

Tuesday, 13-March-2023

High Tension, Low Tension, AC, DC Motors and Generators





**TVS Training and Services Limited
Batch :2020-2024**

Year :III Yr – B

No of Students :64

Thursday, 10-March-2023

Embedded Systems, Electric Vehicles, PLC Automation

**TVS Training and Services Limited
Batch :2020-2024**

Year :III Yr – A

No of Students :64

Thursday, 09-March-2023

Embedded Systems, Electric Vehicles, PLC Automation



**Monolith Academy – Research and
Training Labs Private Limited**

Batch :2021-2025

Year :II Yr – B

No of Students :46

Wednesday, 22-February-2023

Augmented Reality (AR) and Virtual Reality (VR)



Western Thomson (India) Limited Batch :2021-2025

Year :II Yr – D

No of Students :45

Friday, 25-November-2022

Electronics Control in Commercial Vehicles through Thermostats, Temperature Sensors and related products

Western Thomson (India) Limited Batch :2021-2025

Year :II Yr – C

No of Students :45

Thursday, 24-November-2022

Electronics Control in Commercial Vehicles through Thermostats, Temperature Sensors and related products



Western Thomson (India) Limited Batch :2021-2025

Year :II Yr – B

No of Students :46

Thursday, 17-November-2022

Electronics Control in Commercial Vehicles through Thermostats, Temperature Sensors and related products



Western Thomson (India) Limited Batch :2021-2025

Year :II Yr – A

No of Students :46

Wednesday, 16-November-2022

Electronics Control in Commercial Vehicles through Thermostats, Temperature Sensors and related products

Satish Dhawan Space Centre (Shar), Indian Space Research Organization (ISRO), Sriharikota Batch :2019-2023

Year :IV Yr – A, B and C

No of Students :118

Friday, 03-November-2022

Satellite Communication



Prasad Studios Batch :2019-2023

Year :IV Yr – C

No of Students :58

Friday, 21-October-2022

Motion Picture, Image Processing & Post-Production Concepts



Prasad Studios Batch :2019-2023

Year :IV Yr – B

No of Students :59

Thursday, 20-October-2022

Motion Picture, Image Processing & Post-Production Concepts

Prasad Studios Batch :2019-2023

Year :IV Yr – A

No of Students :59

Wednesday, 19-October-2022

Motion Picture, Image Processing & Post-Production Concepts



Prasad Studios Batch :2020-2024

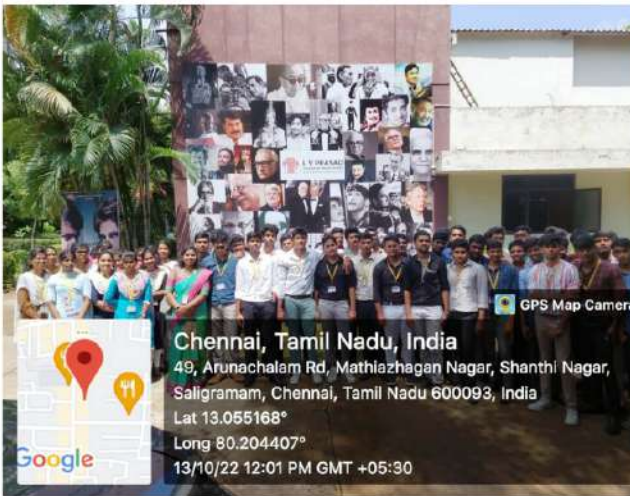
Year :III Yr – C

No of Students :65

Friday, 14-October-2022

Motion Picture, Image Processing & Post-Production Concepts





Prasad Studios
Batch :2020-2024
Year :III Yr – B
No of Students :64
Friday, 13-October-2022
Motion Picture, Image Processing & Post-Production Concepts

Prasad Studios
Batch :2020-2024
Year :III Yr – A
No of Students :64
Friday, 12-October-2022
Motion Picture, Image Processing & Post-Production Concepts



Pantech eLearning
Batch :2019-2023
Year :IV Yr – C
No of Students :58
Friday, 10-September-2022
Artificial Intelligence(AI), Machine Learning(ML) and Android Concepts



Pantech eLearning Batch :2019-2023

Year :IV Yr – A

No of Students :59

Friday, 09-September-2022

Artificial Intelligence(AI), Machine Learning(ML) and Android Concepts

Pantech eLearning Batch :2019-2023

Year :IV Yr – B

No of Students :59

Wednesday, 07-September-2022

Artificial Intelligence(AI), Machine Learning(ML) and Android Concepts



Pantech eLearning Batch :2020-2024

Year :III Yr – A

No of Students :64

Friday, 02-September-2022

Artificial Intelligence(AI), Machine Learning(ML) and Android Concepts



Pantech eLearning Batch :2020-2024

Year :III Yr – B

No of Students :64

Thursday, 01-September-2022

Artificial Intelligence(AI), Machine Learning(ML) and Android Concepts

News 7 Tamil – News Channel Batch :2021-2025

Year :II Yr- D Sec

No of Students :45

Thursday, 25-August-2022

Communication and Broadcast Techniques



News 7 Tamil – News Channel Batch :2021-2025

Year :II Yr- C Sec

No of Students :45

Wednesday, 24-August-2022

Communication and Broadcast Techniques





**News 7 Tamil – News Channel
Batch :2021-2025**

Year :II Yr- B Sec

No of Students :46

Tuesday, 23-August-2022

Communication and Broadcast
Techniques

**News 7 Tamil – News Channel
Batch :2021-2025**

Year :II Yr- A Sec

No of Students :46

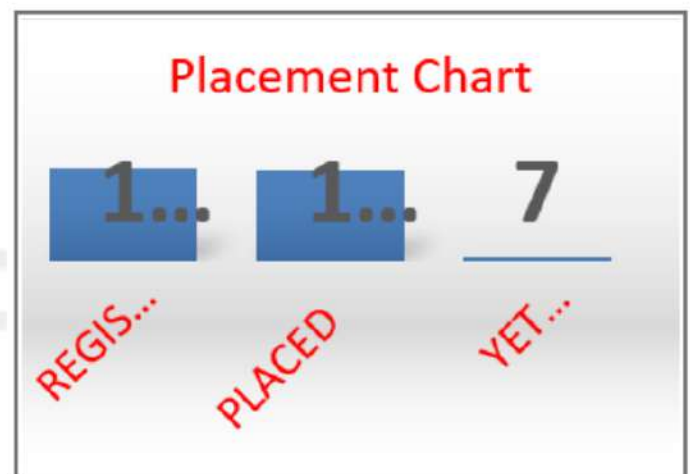
Monday, 22-August-2022

Communication and Broadcast
Techniques



CAMPUS PLACEMENTS-BATCH:2019-2023

REGISTERED FOR PLACEMENT	133
PLACED	126
YET TO BE PLACED	7
% OF PLACEMENT	94.3%



Single Offer	110
Dual offer	14
Triple offer	1
4 offers	0

No. of Students placed in <u>Rs. 5 Lakhs and above</u>	71
Average Salary	5.33 LPA
Highest Salary	10.00 LPA

COMPANIES VISITED

COMPANY NAME	COUNT
SOLITON TECHNOLOGIES	6
KAAR TECHNOLOGIES	16
ZOHO	3
Visteon	1
VIRTUSA CONSULTING SERVICES PVT.LTD	21
HCL TECHNOLOGIES	13
TRIMBLE	2
BOUNTEOUS	2
HUBSTREAM	1
TATA ELXSI LTD	13
COGNIZANT GENC NEXT	1
NEC CORPORATION	1
E-CON SYSTEMS	2
FORD	1
ACCENTURE	9
COGNIZANT	7
KPIT	11
TCS	4
LTI	1
ATOS	3
ARI GLOBAL SOLUTIONS	2
Genpact	4
Emphasis	2
Just Dial	2
Total Placed	126

Names	Event	College	Prize	Date
Kavipriyan S	Wipro Earthian Sustainability Quiz	Wipro Earthian 2022 – Wipro’s Sustainability Program for Schools and Colleges	Third	11/Feb/23
Sangavi S	Essay Writing Competition on “Moving from Industry 4.0 to Society 4.0”	R.M.K. Engineering College	First (INR 10000)	04/Feb/23
Geethika K N	Essay Writing Competition on “Moving from Industry 4.0 to Society 4.0”	R.M.K. Engineering College	Second (INR 5000)	04/Feb/23
Deepak P	Paper Presentation	DRESTEIN’ 22 – Saveetha Engineering College	First	19/Nov/22

Deepak P	Chem Bridge	DRESTEIN' 22 – Saveetha Engineering College	Third	19/Nov/22
Kabilan S	Contriva – Robotics Workshop Contest	Government College of Technology (GCT), Coimbatore	First	26/Oct/22
Kirankumar D	Contriva – Robotics Workshop Contest	Government College of Technology (GCT), Coimbatore	First	26/Oct/22
Haresh R	Contriva – Robotics Workshop Contest	Government College of Technology (GCT), Coimbatore	First	26/Oct/22
Logeshwaran M	Project Presentation	IEI-INSKEPT-2K22-Adhiyamaan Engineering College	First	15/Oct/22
Thalapaneni Tejaswini	Coding Ninjas – Innovate India Coding Championship	Chandigarh University	Participated	20/July/22

Muhammed Yaashwin C	Project Presentation	IEI- INSKEPT- 2K22- Adhiyamaan Engineering College	Second	15/Oct/22
Logeshwaran M	Project Presentation	IEI- INSKEPT- 2K22- Adhiyamaan Engineering College	First	15/Oct/22
Muhammed Yaashwin C	Project Presentation	IEI- INSKEPT- 2K22- Adhiyamaan Engineering College	Second	15/Oct/22
Dharshini B S	Project Presentation	IEI- INSKEPT- 2K22- Adhiyamaan Engineering College	Third	15/Oct/22
Devadarshini M	Project Presentation	IEI- INSKEPT- 2K22- Adhiyamaan Engineering College	Third	15/Oct/22

Divya Dharshini E	Project Presentation	IEI-INSKEPT- 2K22- Adhiyamaan Engineering College	Third	15/Oct/22
Dhanesshree S	Project Presentation	IEI-INSKEPT- 2K22- Adhiyamaan Engineering College	Third	15/Oct/22
Kavipriyan S	Paper Presentation	IEI-INSKEPT- 2K22- Adhiyamaan Engineering College	Second	15/Oct/22
Sai Silvy M	Paper Presentation	IEI-INSKEPT- 2K22- Adhiyamaan Engineering College	Second	15/Oct/22
Rubaina Sharaon R	Paper Presentation	IEI-INSKEPT- 2K22- Adhiyamaan Engineering College	Third	15/Oct/22
Rajeshwari P	Paper Presentation	IEI-INSKEPT- 2K22- Adhiyamaan Engineering College	Second	15/Oct/22

Nivedhitha D	Paper Presentation	IEI-INSKEPT-2K22-Adhiyamaan Engineering College	Third	15/Oct/22
Mesha D	Paper Presentation	IEI-INSKEPT-2K22-Adhiyamaan Engineering College	Third	15/Oct/22
Meekah Ludba A	Paper Presentation	IEI-INSKEPT-2K22-Adhiyamaan Engineering College	Third	15/Oct/22
Anusri G S	Paper Presentation	IEI-INSKEPT-2K22-Adhiyamaan Engineering College	Participated	15/Oct/22
Aswini R	Paper Presentation	IEI-INSKEPT-2K22-Adhiyamaan Engineering College	Participated	15/Oct/22

Bhargavi C R	Paper Presentation	IEI-INSKEPT-2K22-Adhiyamaan Engineering College	Participated	15/Oct/22
Guru Prasad A K	Poster Presentation Competition on "Space and Sustainability "	ISRO, Sriharkotta	First	28/Sep/22
Rinisha R	Poster Presentation Competition on "Space and Sustainability "	ISRO, Sriharkotta	Third	28/Sep/22
Ramya Viji M	Poster Presentation Competition on "Space and Sustainability "	ISRO, Sriharkotta	Third	28/Sep/22



ActInSpace 2022 India winners!

🏆 1. THE BRAINIACS 🏆

2. SKY SERVE 🏆 3. IT'S US!

Certificate of Appreciation awarded to the team “The Brainiacs”, comprising of Abinaya T, Aishwarya B, Anusri G S, Aswini R and Ashika K, II-Yr ECE Dept., mentored by Mr.V.Ramkumar, AP/ECE Dept., for bagging the First Place in “ActinSpace 2022” – International Space Hackathon, initiated by Space Agency of France, Centre National d’Etudes Spatiales (CNES).

Certificate of Appreciation and Cash Award presented to Shandru G, IV-Yr ECE Dept., for his excellent performance in Roller Hockey – Roller Ball from Honourable Chief Guests Prof. M.Sundar, Tamilnadu Physical Education and Sports University, Prof. S.Samynathan, Anna University Sports Board and Prof. R.Velraj, Vice-Chancellor, Anna University during the Anna University Sports Board – Annual Sports Award Function, Anna University, Chennai.



Certificate of Appreciation awarded to Kavipriyan S, III-Yr ECE Dept., for being the Third Runner Up in the Wipro Earthian Sustainability Quiz conducted @ Wipro Earthian 2022 – Wipro’s Sustainability Program for Schools and Colleges organized by Wipro Foundation.

Deepak P , II Yr-ECE Dept., received the First prize and a cash award of Rs 3000/- for bagging First place in Project Display in DRESTEIN’22-13th National Level Intercollegiate Technical and Management Fest organized @ Saveetha Engineering College.





Certificate of Appreciation awarded to Deepak P, II Yr-ECE Dept., for securing the Third Place in Chem Bridge event in DRESTEIN'22-13th National Level Intercollegiate Technical and Management Fest organized @ Saveetha Engineering College.

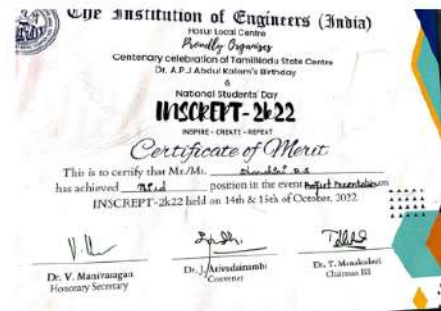
Certificate of Merit awarded to Logeshwaran M, III-Yr ECE Dept., for securing the First place in the Project Presentation on INSCREPT-2K22, organized by Institution of Engineers (India) (IEI), held @ Aadhiyamaan Engineering College



Certificate of Merit awarded to Muhammed Yaashwin C, III-Yr ECE Dept., for securing the Second place in the Project Presentation on INSCREPT-2K22, organized by Institution of Engineers (India) (IEI), held @ Aadhiyamaan Engineering College



Certificate of Merit awarded to Devadarshini M, Divya Dharshini E, Dhanesshree S, Dharshini B S II-Yr ECE Dept., for securing the Third place in the Project Presentation on INSCREPT-2K22, organized by Institution of Engineers (India) (IEI), held @ Aadhiyamaan Engineering College





Certificate of Appreciation awarded to Kabilan S, Kirankumar D, Haresh R , IV-Yr ECE Dept., for securing the First Place in Contriva – Robotics Workshop Contest, conducted by GCT IEEE Student Branch, held @ Government College of Technology (GCT), Coimbatore.



Certificate of Merit awarded to Sai Silvy M, Rajeshwari P, Kavipriyan SIII-Yr ECE Dept., for securing the Second place in the Paper Presentation on INSCREPT-2K22, organized by Institution of Engineers (India) (IEI), held @ Aadhiyamaan Engineering College



Certificate of Merit awarded to Rubina Sharon P, Nivedhitha D, Mesha D Meekah Ludba A, III-Yr ECE Dept., for securing the Third place in the Paper Presentation on INSCREPT-2K22, organized by Institution of Engineers (India) (IEI), held @ Aadhiyamaan Engineering College





Certificate of Participation awarded to Guru Prasad A K, IV Yr-ECE Dept., for participating and bagging the First prize in the Best Poster Presentation Competition on “Space and Sustainability”, conducted by ISRO as a part of Space Week-2022 Celebration, organized @ Sathish Dhawan Space Centre SHAR, ISRO, Sriharikotta, AP.

Certificate of Participation awarded to Ramya Viji M, III Yr-ECE Dept., for participating and winning the Third prize in the Best Poster Presentation Competition on “Space and Sustainability”, conducted by ISRO as a part of Space Week-2022 Celebration, organized @ Sathish Dhawan Space Centre SHAR, ISRO, Sriharikotta, AP.



Certificate of Participation awarded to Rinisha R, III Yr-ECE Dept., for participating and winning the Third prize in the Best Poster Presentation Competition on “Space and Sustainability”, conducted by ISRO as a part of Space Week-2022 Celebration, organized @ Sathish Dhawan Space Centre SHAR, ISRO, Sriharikotta, AP.

Appreciation Shield awarded to team “Gen-Z Coders”, representing ECE Department at SIH 2022 Hardware Edition organized @ Ghaziabad, Lucknow





Certificate of Participation awarded to team “Contoso” representing ECE Department at the SIH 2022 Software Edition conducted @ Bengaluru



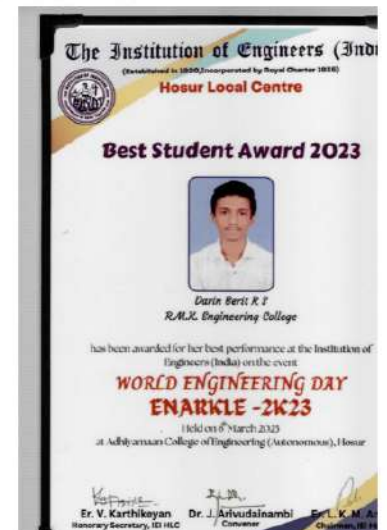
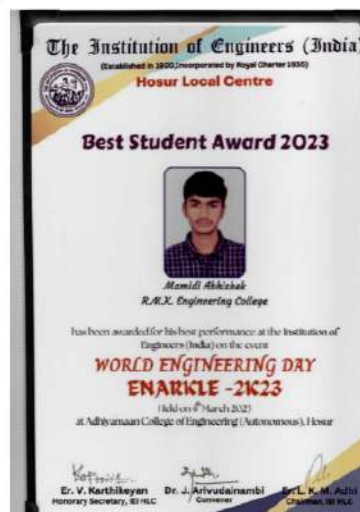
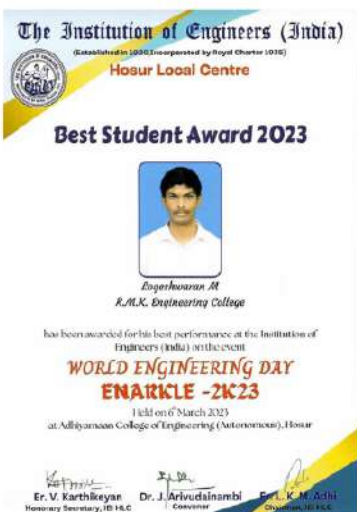
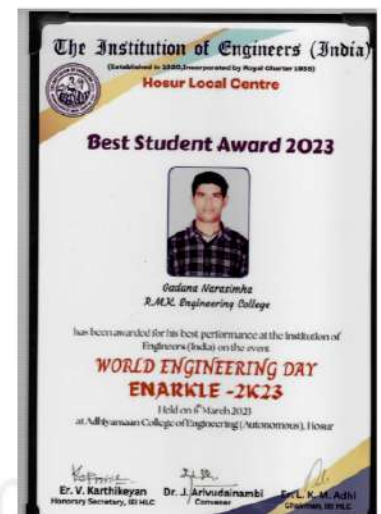
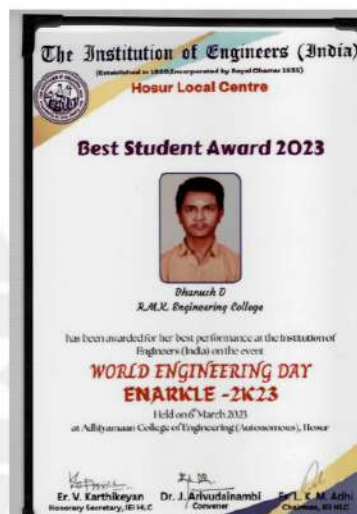
R.M.K
GROUP OF
INSTITUTIONS



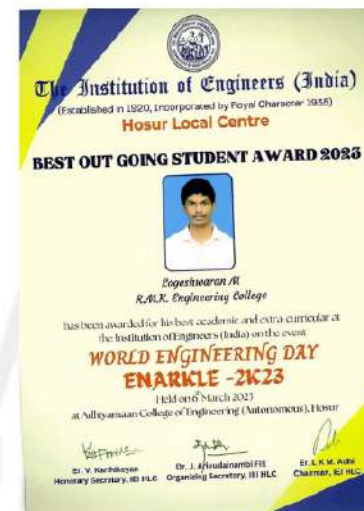
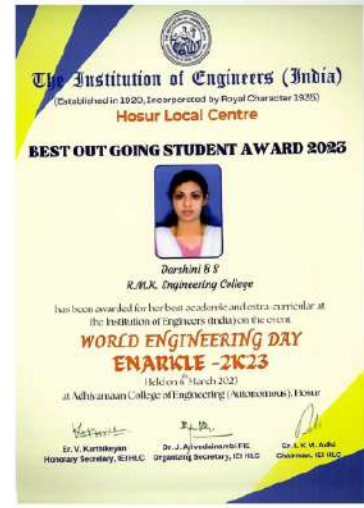
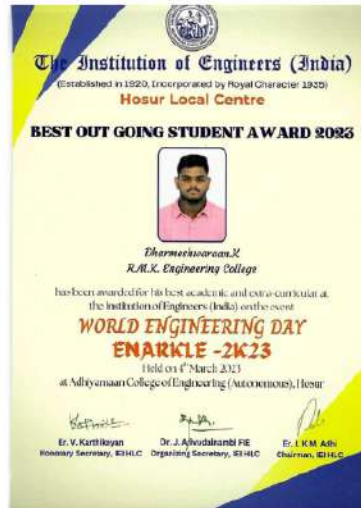
Pavan Kalyann K IV Yr-ECE Dept., proudly receiving the Shield and Certificate of Appreciation for ISTE Best Student Award , for his overall performances in academic, extra-curricular and for active involvement in ISTE Chapter activities by ISTE Chapter , @ 21st Annual ISTE Tamilnadu Section Engineering Student's Convention, Tamilnadu Section, organized by Sri Venkateshwara College of Engineering, Sriperumbudur.

IEI STUDENT AWARDS

2022-2023



Best Student Award 2023 presented to Darin Berit R S, Gadana Narasimha, Logeshwaran M, Mamidi Abhishek III-Yr ECE Dept. and Dhanush D, Devadarshini M II-Yr ECE Dept. for his/her best performance in the Institution of Engineers (IEI) India, at the event “World Engineering Day ENARKLE – 2K23”, organized by Adhiyamaan College of Engineering.

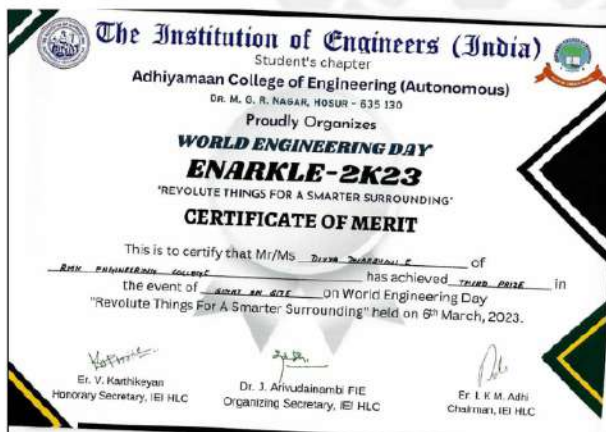


Best Out Going Student Award 2023 presented to Dhanesshree S, Dharmeshwaraan K, Darshini B S, Divya Dharshini E, Gangaaraam M R II-Yr ECE Dept., and Logeshwaran M, III-Yr ECE Dept. for her/his best academic and extra-curricular activities performance in the Institution of Engineers (IEI) India, at the event “World Engineering Day ENARKLE – 2K23”, organized by Adhiyamaan College of Engineering.



Best Project Award 2023 presented to Devadharshini M, II-Yr ECE Dept., for the best project presented at the Institution of Engineers (IEI) India, in the event “World Engineering Day ENARKLE – 2K23”, organized by Adhiyamaan College of Engineering.

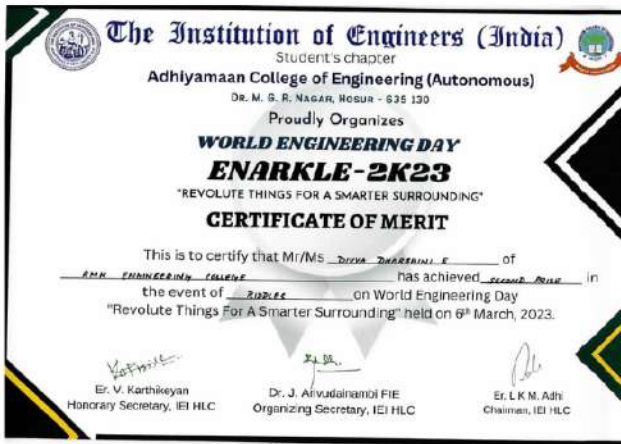
Best Paper Award 2023 presented to Logeshwaran M, III-Yr ECE Dept., for the best paper presented at the Institution of Engineers (IEI) India, in the event “World Engineering Day ENARKLE – 2K23”, organized by Adhiyamaan College of Engineering.



Certificate of Merit awarded Divya Dharshini E, II-Yr ECE Dept., for winning the Third Prize in the event “Sight on Site”, at the Institution of Engineers (IEI) India, in the event “World Engineering Day ENARKLE – 2K23”, on World Engineering Day “Revolute Things for a Smarter Surrounding”, organized by Adhiyamaan College of Engineering.

Certificate of Merit awarded Gangaaraam M R, II-Yr ECE Dept., for bagging the First Prize in the event “Quiz”, at the Institution of Engineers (IEI) India, in the event “World Engineering Day ENARKLE – 2K23”, on World Engineering Day “Revolute Things for a Smarter Surrounding”, organized by Adhiyamaan College of Engineering.





Certificate of Merit awarded Divya Dharshini E, II-Yr ECE Dept., for winning the Second Prize in the event "Riddles", at the Institution of Engineers (IEI) India, in the event "World Engineering Day ENARKLE – 2K23", on World Engineering Day "Revolute Things for a Smarter Surrounding", organized by Adhiyamaan College of Engineering.

Certificate of Merit awarded Devadharshini M, II-Yr ECE Dept., for winning the Third Prize in the event "Riddles", at the Institution of Engineers (IEI) India, in the event "World Engineering Day ENARKLE – 2K23", on World Engineering Day "Revolute Things for a Smarter Surrounding", organized by Adhiyamaan College of Engineering.



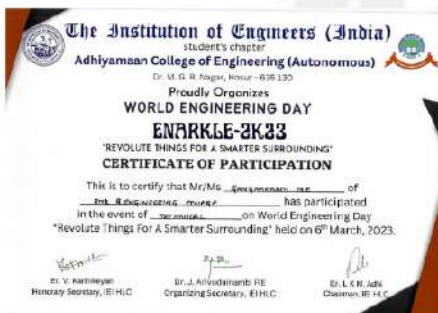
Best Student Award presented to Divya Darshini E, II Yr- ECE Dept., for her active involvement in technical activities at Centenary Celebration of Tamilnadu State Centre, Birthday of Dr.A.P.J.Abdul Kalam & National Students' Day, organized by Institution of Engineers (India) (IEI), held @ Aadhiyamaan Engineering College



Certificate of Participation awarded Devadharshini M, Divya Dharshini E II-Yr ECE Dept., for actively participating in the event “Technical and Non-Technical”, at the Institution of Engineers (IEI) India, in the event “World Engineering Day ENARKLE – 2K23”, on World Engineering Day “Revolute Things for a Smarter Surrounding”, organized by Adhiyamaan College of Engineering.

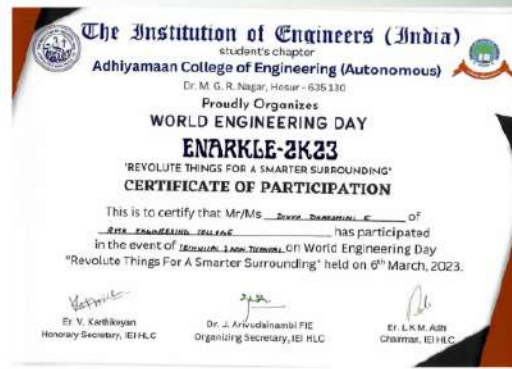


Certificate of Participation awarded Gangaaraam M R, Dhanshree S, Dharshini B S, Dharmeshwaraan K, II-Yr ECE Dept., for actively participating in the event “Technical”, at the Institution of Engineers (IEI) India, in the event “World Engineering Day ENARKLE – 2K23”, on World Engineering Day “Revolute Things for a Smarter Surrounding”, organized by Adhiyamaan College of Engineering.



Best Student Award presented to Darshini B S, II Yr-ECE Dept., for her active involvement in technical activities at Centenary Celebration of Tamilnadu State Centre, Birthday of Dr.A.P.J.Abdul Kalam & National Students’s Day, organized by Institution of Engineers (India) (IEI), held @ Aadhiyamaan Engineering College





Certificate of Participation awarded Logeshwaran M, III-Yr ECE Dept., and Divya Dharshini R, II-Yr ECE dept., for actively participating in the event “Non-Technical”, at the Institution of Engineers (IEI) India, in the event “World Engineering Day ENARKLE – 2K23”, on World Engineering Day “Revolute Things for a Smarter Surrounding”, organized by Adhiyamaan College of Engineering.



Best Student Award presented to Devadarshini M, Praveen G, Gangaaram M R, Dhanshree S, Dhanush K, Dharmeshwaraan K II Yr- ECE Dept., for her active involvement in technical activities at Centenary Celebration of Tamilnadu State Centre, Birthday of Dr.A.P.J.Abdul Kalam & National Students’s Day, organized by Institution of Engineers (India) (IEI), held @ Aadhiyamaan Engineering College



Best Student Award presented to Anusri G S, Aswini S, Anbarasan A, Bhargavi C R, II-Yr ECE Dept., and Logeshwaran M, III Yr- ECE Dept., Keerthana P, IV Yr- ECE Dept., and for his/her active involvement in technical activities at Centenary Celebration of Tamilnadu State Centre, Birthday of Dr.A.P.J.Abdul Kalam & National Students's Day, organized by Institution of Engineers (India) (IEI), held @ Aadiyamaan Engineering College



”Best Division Award” presented to Department of Electronics and Communication Engineering in recognition of their outstanding contribution and active involvement in promoting Technical Activities of IEI at Centenary Celebration of Tamilnadu State Centre, Birthday of Dr.A.P.J.Abdul Kalam & National Students’s Day, organized by Institution of Engineers (India) (IEI), held @ Aadhiyamaan Engineering College



Best IETE Student Forum (ISF) award presented to R.M.K. Engineering College, for the academic year 2021-2022, on holding Maximum Number of IETE Students Membership awarded by The Institution of Electronics and Telecommunication Engineers (IETE), Chennai Center.



Certificate of Appreciation awarded to Dr.P.Latha, ASP/ECE Dept., for her instrumental role as SPOC for the SWYAM-NPTEL Local Chapter and awarded with excellence rated with grade “A”, based on her performance in NPTEL online certification courses @ R.M.K. Engineering College.

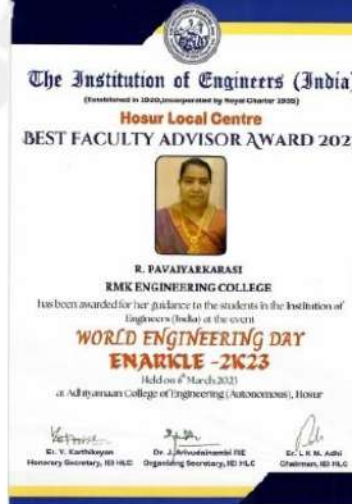
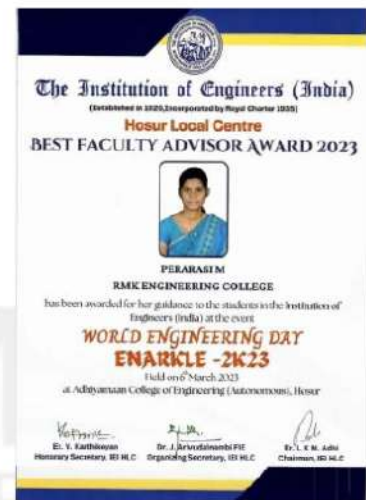
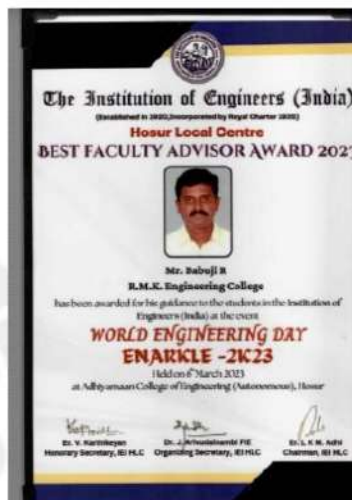
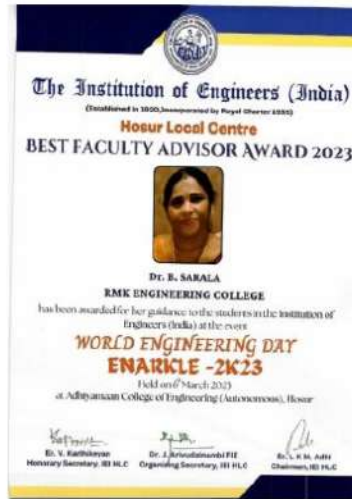
Certificate of appreciation awarded to Mr.T.Joel, ASP/ECE Dept., for actively participating and successfully completing the Advanced faculty Development Program for Idea Labs on “Design Thinking”, organized @ Ajay Kumar Garg Engineering College, Ghaziabad, Uttar Pradesh.



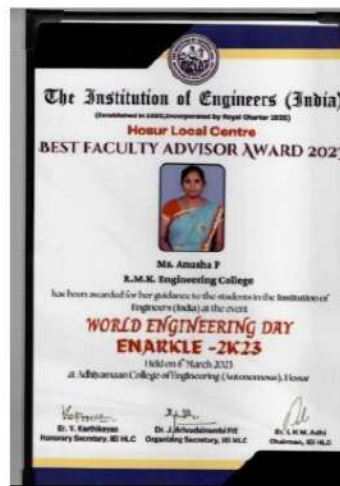
Certificate of Appreciation awarded to Dr.P.Latha, ASP/ECE Dept.,for serving as reviewer for the 2023 International Conference on Signal Processing, Computation, Electronics, Power and Telecommunication (ICoSCEPT), organized by National Institute of Technology Puducherry, Karaikal.

NPTEL Online “Elite” Certification awarded to Mr.R.Sathya Vignesh, AP /ECE Department, on successfully completing the online course on “Microprocessors and Microcontrollers” conducted by NPTEL Online Certification Courses, funded by the MoE., Govt. of India.

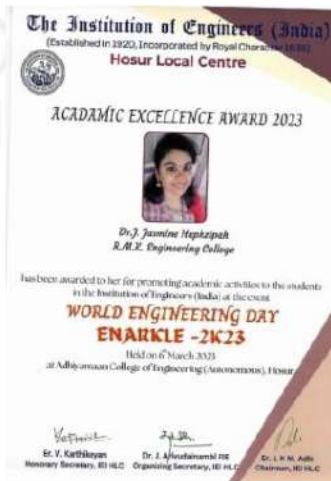
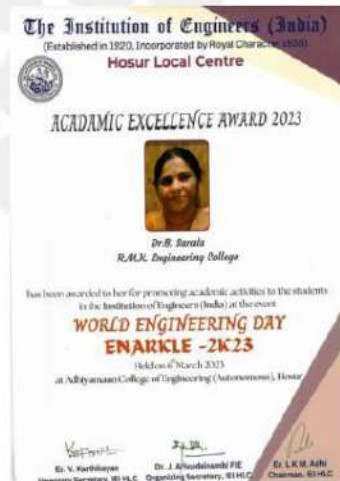
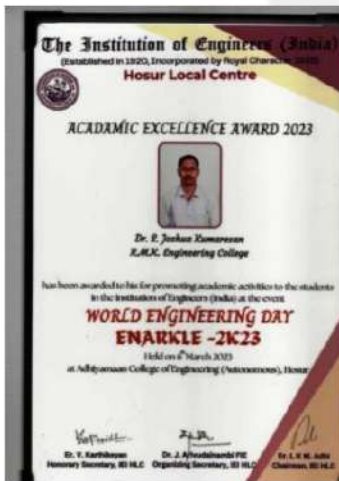
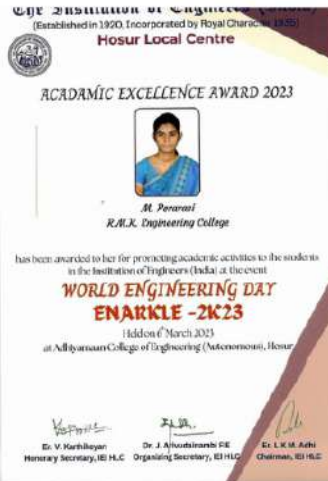
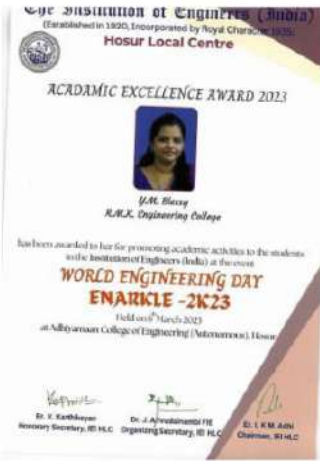




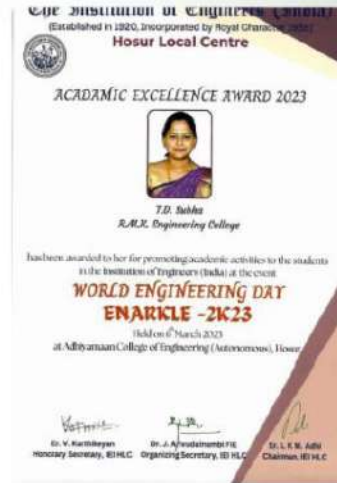
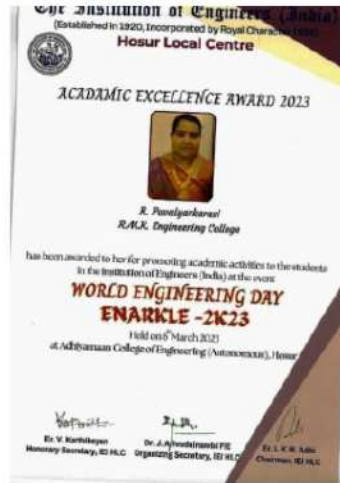
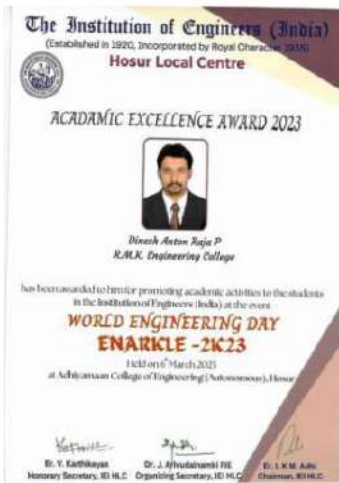
Best Faculty Advisor Award 2023 presented to Dr.S.Vijayalakshmi, Prof/ECE Dept., Dr.B.Sarala, ASP/ECE Dept., Dr.M.S.Kavitha, ASP/ECE Dept., Dr.J.Jasmine Hephzipah, ASP/ECE Dept., Mr.R.Babuji, AP/ECE Dept., Ms.M.Perarasi, AP/ECE Dept., Ms.S.Rosaline, AP/ECE Dept., Ms.R.Pavaiyarkarasi, AP/ECE Dept., Ms.T.D.Subha, AP/ECE Dept., for her/his motivational guidance to the students in the Institution of Engineers (IEI) India, at the event “World Engineering Day ENARKLE – 2K23”, organized by Adhiyamaan College of Engineering.



Best Faculty Advisor Award 2023 presented to Ms. Y.M. Blessy, AP/ECE Dept., Ms. P. Anusha, AP/ECE Dept., for her motivational guidance to the students in the Institution of Engineers (IEI) India, at the event “World Engineering Day ENARKLE – 2K23”, organized by Adhiyamaan College of Engineering.



Best Faculty Advisor Award 2023 presented to Ms. Y.M. Blessy, AP/ECE Dept., Ms. M. Perarasi, AP/ECE Dept., Dr. T. Blesslin Sheeba, Prof/ECE Dept., Dr. S. Joshua Kumaresan, Prof/ECE Dept., Dr. B. Sarala, ASP/ECE Dept., Dr. J. Jasmine Hephzipah, ASP/ECE Dept., for his/her motivational guidance to the students in the Institution of Engineers (IEI) India, at the event “World Engineering Day ENARKLE – 2K23”, organized by Adhiyamaan College of Engineering.



Best Faculty Advisor Award 2023 presented to Dr.P.Dinesh Anton Raja, AP/ECE Dept., Ms.R.Pavaiyarkarasi, AP/ECE Dept., Ms.T.D.Subha, AP/ECE Dept., for /his/her motivational guidance to the students in the Institution of Engineers (IEI) India, at the event “World Engineering Day ENARKLE – 2K23”, organized by Adhiyamaan College of Engineering.



Certificate of Achievement- Best Teacher Award presented to Mr.A.Darwin Nesakumar, AP/ECE, Ms.B.Jeyapoornima, AP/ECE, Mr.V.Ramkumar, AP/ECE, Mr.S.P.Vijaya vardan Reddy, AP/ECE, for her/his excellent and innovative teaching methodologies by Scientific International Publishing House (SPH) @ R.M.K. Engineering College.





Dr.P.Dinesh Anton Raja, AP/ECE Dept., proudly receiving the Memento and Certificate of Appreciation from Dr.P.Indumathi, Prof and HoD, MIT, for the appealing Guest Lecture delivered on Introduction to Embedded System and Sensor Interfacing with Arduino using Tinkercad and Wokwi, for the benefit of MIT ECE students, organized @ MIT Campus, Anna University, Chennai.



NPTEL Online “Elite Silver” Certification awarded to Ms.K.Jeevitha, AP/ECE Department, on successfully completing the online course on “CMOS Digital VLSI Design” conducted by NPTEL Online Certification Courses, funded by the MoE., Govt. of India.

Certificate of Appreciation awarded to Dr.P.Latha, ASP/ECE Dept., for serving as NPTEL SPOC for R.M.K. Engineering College and for sharing her testimony in being an effective SPOC @ R.M.K. Engineering College.



Dr.P.Latha, ASP/ECE Dept., proudly receiving the Certificate of Appreciation for her instrumental role as SPOC for the SWYAM-NPTEL Local Chapter and Certificate of Recognition for R.M.K. Engineering College as a valuable Local Chapter awarded with excellence rated with grade “A”, based on performance in NPTEL online certification courses @ IIT Madras.



Certificate of Appreciation awarded to Dr.P.Latha, ASP/ECE Dept., for her instrumental role as SPOC for the SWYAM-NPTEL Local Chapter and awarded with excellence rated with grade “A”, based on her performance in NPTEL online certification courses @ R.M.K. Engineering College.



Certificate of Appreciation awarded to Dr.V.Sumitra, ASP/ECE Dept., Ms.S.Rosaline, AP/ECE Dept., Ms.Sneha Joseph, AP/ECE Dept., Mr.M.Daniel Nareshkumar, AP/ECE Dept., in recognition of her/his role as “Top Performing Mentor” for the NPTEL Online Certification Course titled Programming in Java @ R.M.K. Engineering College.



Certificate of Appreciation awarded to Mr.V.Ramkumar, AP/ECE Dept., in recognition of his role as mentor for the NPTEL Online Certification Course titled Introduction to Internet of Things [IoT] @ R.M.K. Engineering College.

Certificate of Appreciation awarded to Dr.P.Dinesh Anton Raja, AP/ECE Dept., for troubleshooting and training of the Fault Diagnosis and Health Monitoring System (FDHMS) in the Engine Control Junction Box(ECJB) of Arjun Tank MBT MK1 organized @ at CVRDE-DRDO, Avadi.

दूरभाष / Phone : 044 - 2635 4175
 फ़ोन / Fax : 044 - 2638 3661
 ई-मेल / e-mail : jashankar.c.vrde@gov.in

भारत सरकार, रक्षा मंत्रालय
 रक्षा अनुसंधान तथा विकास संगठन
 सशस्त्र वाहन अनुसंधान तथा विकास
 स्थापन अवाड़ी, चेन्नै - 600 054

GOVT. OF INDIA, Ministry of Defence
 Defence Research & Development
 Organisation
 Combat Vehicles Research & Development
 Establishment
 Avadi, Chennai - 600 054

ISO 9001:2015
 CERTIFIED ESTD

CERTIFICATE
 No. / नं. : CV/RMEL/AR/CARS Dr. / दिनांक : 11 July 2022

This is to certify that Dr. DINESH ANTON RAJA P, Asst Professor of R.M.K. Engineering College has visited CVRDE on 11/07/2022 in connection with the troubleshooting of Fault Diagnosis and Health Monitoring System (FDHMS) of Engine Control Junction Box (ECJB).

C. Jashankar
 (C.JASHANKAR)
 Scientist 'F'

श्री. जशंकर / C. JASHANKAR
 "शक्ति" / Scientist 'F'
 11 जुलाई 2022, रक्षा अनुसंधान तथा विकास संगठन, अवाड़ी, चेन्नै - 600 054





Certificate of Appreciation awarded to Dr.T.Suresh, Professor and HoD/ECE Dept., for enthusiastically acting as Session Chair in the 2nd International Conference on Innovations in Electronics and Communication Systems (ICIECS-2022), organized @ R.M.K. College of Engineering and Technology.



Cisco Networking award presented to Dr.P.Latha, ASP/ECE Dept., for Ten Years of active participation and for dedicated service in Cisco Networking Academy @ R.M.K. Engineering College, by Cisco Networking Academy.



NPTEL Online “Elite Silver” Certification awarded to Mr.T.Joel, ASP/ECE Department, on successfully completing the online course on “Introduction to Internet of Things [IoT]” conducted by NPTEL Online Certification Courses, funded by the MoE., Govt. of India.

NPTEL Online “Elite” Certification awarded to Mr.A.Sivakumar, AP Gr-II/ECE Department, on successfully completing the online course on “Introduction to Internet of Things [IoT]” conducted by NPTEL Online Certification Courses, funded by the MoE., Govt. of India.



NPTEL Online Certification awarded to Mr.R.Satya Vignesh, AP/ECE Department, on successfully completing the online course on “Fundamentals of Artificial Intelligence (AI)” conducted by NPTEL Online Certification Courses, funded by MoE., Govt. of India.





NPTEL Online “Elite” Certification awarded to Mr.A.Darwin Nesakumar, AP/ECE Department, on successfully completing the online course on “Ethics in Engineering Practice” conducted by NPTEL Online Certification Courses, funded by the MoE., Govt. of India.

NPTEL Online “Elite Silver” Certification awarded to Dr.S.Joshua Kumaresan, Prof/ECE Department, on successfully completing the online course on “Ethics in Engineering Practice” conducted by NPTEL Online Certification Courses, funded by the MoE., Govt. of India.

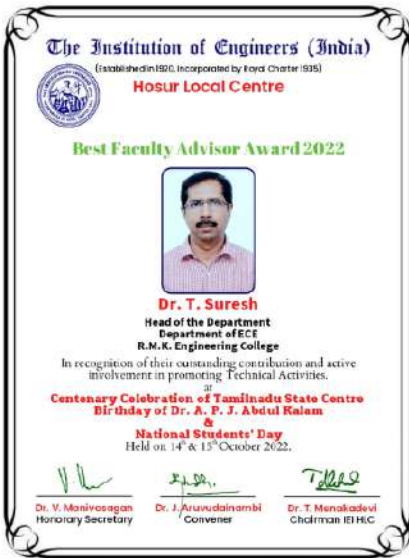


NPTEL Online “Elite” Certification awarded to Dr.P.Latha, ASP/ECE Department, on successfully completing the online course on “System Design Through Verilog” conducted by NPTEL Online Certification Courses, funded by the MoE., Govt. of India.

NPTEL Online “Elite Silver” Certification awarded to Ms.K.Jeevitha, AP/ECE Department, on successfully completing the online course on “System Design Through Verilog” conducted by NPTEL Online Certification Courses, funded by the MoE., Govt. of India.



NPTEL Online “Elite” Certification awarded to Dr.S.Joshua Kumaresan, Prof/ECE Department, on successfully completing the online course on “Fundamentals of Artificial Intelligence” conducted by NPTEL Online Certification Courses, funded by the MoE., Govt. of India.



Best Faculty Advisor Award 2022" presented to Dr.T.Suresh, Professor and HoD/ECE Dept., Dr.B.Sarala, ASP/ECE Dept., Ms.T.D.Subha, AP/ECE Dept., Mr.V.Ramkumar, AP/ECE Dept., in recognition of his outstanding contribution and active involvement in promoting Technical Activities of IEI at Centenary Celebration of Tamilnadu State Centre, Birthday of Dr.A.P.J.Abdul Kalam & National Students's Day, organized by Institution of Engineers (India) (IEI), held @ Aadhiyamaan Engineering College



Certificate of Recognition awarded to Dr.K.A Mohamed Junaid, Professor & Principal, R.M.K. Engineering College, for his excellent contribution as "Outstanding Leader in Higher Education", in the program "Digital Transformation in Higher Education", @ the 14th ELETS Higher Education Summit, organized @ Chennai.



Dr.T.Suresh, HoD-ECE visited FT8012 Design Centre,Spread over a stimulating 30,000 sq.ft. at Siruseri, Chennai, India– the world’s first design center for financial technology, along with Dr.Thanga Ramya – HoD-CSD , Dr.K.Chidambarathanu, Head-CSBS, Mr. Anand Babu Pushparaj and Mr.Ramnath Prabhu – Asst. Manager, Intellect.



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2020-2024 BATCH

Total No of Students :193

Total No of Students Attended :191

Total No of Companies Attended :20

LIST OF COMPANIES ATTENDED

- ***Accenture***
- ***Arcus Automation Pvt Ltd***
- ***Baroala Technologies***
- ***British Airways***
- ***Caddesk***
- ***Cognizant Forage***
- ***DLK Career Development***
- ***eDigiM Research Private Limited***
- ***Integral Coach Factory***
- ***J.P.Morgan***
- ***Jayneks Thermoshield***
- ***KaaShiv InfoTech***
- ***Kodacy***
- ***NSIC***
- ***Pantech Pvt. Ltd.***
- ***Prudent Technologies***
- ***Reliance Communication Private Limited***
- ***TVS Training And Services***

2021-2025 BATCH

Total No of Students :189

Total No of Students Attended :188

Total No of Companies Attended :20

LIST OF COMPANIES ATTENDED

- *Accenture*
- *Amico Software Solutions LLP*
- *Artifix Information Technology Pvt Ltd*
- *Aurobindo Pharmaceutical Company*
- *BSNL*
- *Code Bind Technologies*
- *DLK Development*
- *eDigiM Research Pvt Ltd*
- *Delphi TVS Diesel Pvt Ltd*
- *Hydro peumatic Engineers Pvt Ltd*
- *Finsol Consultancy Pvt Ltd*
- *KaaShiv InfoTech*
- *Integral Coach Factory*
- *Jacks Technologies*
- *Kodacy Academy Technology*
- *NSIC*
- *Prudent Technologies*
- *Pantech Pvt Limited*
- *Suriya Digital Services*
- *Viyayasai Textiles Private Limited*

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<i>CoE</i>	<i>ACTIVITIES</i>
<i>Telecom lab</i>	<i>Training by NEC, Prodapt Solutions and Tata Elxsis</i>
<i>Automotive Electronics Lab</i>	<i>KPIT Training</i>
<i>Embedded Systems Lab</i>	<i>HCL Training</i>
<i>IoT Lab</i>	<i>TCS Training</i>
<i>VLSI CoE</i>	<i>HCL Training</i>



R.M.K. ENGINEERING COLLEGE

(An Autonomous Institution)



RSM NAGAR, KAVARAIPETTAI, GUMMIDIPOONDI TALUK, TAMILNADU- 601206.

Affiliated to Anna University, Chennai | Approved by AICTE, New Delhi | Accredited by NAAC with A+ Grade.

An ISO 9001 : 2015 Certified Institution | All the eligible UG programs are accredited by NBA, New Delhi

Website: www.rmkec.ac.in

DEPARTMENT OF ECE

CONSULTANCY 2022-2023

S.NO	Name of the Faculty	Title of the Project	Name of the Industry/Company	Amount	Duration From - To	Status
1.	Dr.Jasmin Hebzipha Mrs.R.Pavaiyarkarasi	DUAL AXIS SOLAR ENERGY GENERATOR	GLASSMART TECHNOLOGIES PVT LTD, NELLORE	50000	01.12.22 - 08.03.23	Completed
2.	Dr.M.S.Kavitha Mrs.M.Perarasi	Design and Implementation of continuous power supply using IRLED lights	GLASSMART TECHNOLOGIES PVT LTD, NELLORE	50000	01.12.22 - 08.03.23	Completed
Total					1,00,000/-	

Consultancy 2022-2023 (ODD)

S.NO	Name of the Faculty	Title of the Project	Name of the Industry/Company	Amount	Duration From - To	Status
1.	Ms.T.D.Subha	Smart Street Light Controller Using LoWRAWAN & 4G	IOBIT SOLUTIONS	50000	09.05.2022 - 27.12.2022	Completed
2.	Dr.M.S.Kavitha Mrs.M.Perarasi	MOVEMENT CONTROLLED SMART TROLLEY	GALAXY EDUCATIONAL CONSULTANCY	75000	07.08.2022 - 30.09.2022	Completed
3.	Dr.S.Vijayalakshmi	IMPLEMENTING OF LIQUID TANK LEVEL CONTROL USING ARDUINO-LABVIEW INTERFACING	MicroMech Instruments	30000	09.05.2022 - 15.12.2022	Completed
Total				1,55,000/-		