



R.M.K. ENGINEERING COLLEGE

(An Autonomous Institution)

B.E. - Electronics Engineering (VLSI Design and Technology)

"Creating responsible semiconductor engineers for the future world"



EMERGING TECHNOLOGY COURSE

APPROVED BY AICTE &

with Affiliation by Anna University

Based on foresighting the Demand in the future



R.M.K. ENGINEERING COLLEGE

TNEA CODE
1113

Why B.E. Electronics Engineering (VLSI Design and Technology)?

- VLSI Design is an excellent career choice as the demand for VLSI professionals is now rising popularity in designing VLSI chips for industrial requirements .
- To provide varying roles of employment featuring attractive salary incentives and solid professional growth. India's largest semiconductor fab plant with an investment of \$3 billion is to be established at Mysuru which is a big boost in this sector.
- To pursue higher education in reputed Universities in India and abroad as VLSI is in great demand in companies like **Intel, IBM, Cadence, Synopsys, Mentor Graphics** etc
- To provide insights into market trends and wider opportunity to take up projects under "Make in India" and "Digital India" schemes by Government of India as the investment is high in R&D to come up with innovative products based on VLSI chipsets and to have entrepreneurial endeavors.

Why B.E. Electronics Engineering (VLSI Design and Technology) at R.M.K. Engineering College?

- NBA & NAAC A+ Accredited
- Best Industry linked Institute National Level Award - AICTE - CII Survey (2015).
- Competent and Dedicated Faculty Team with 44% Doctorates, 20% pursuing Ph.D. and an average experience of more than 15 years.
- Anna University Recognized Research Centre with 12 Supervisors in ECE for pursuing Research.
- Faculty trained and certified by industries like CISCO, BOSCH, HCL, Wipro, JCI, KPIT, Etc.,
- First Institution in Tamil Nadu to implement AI-driven learning platform - RMK Nextgen for students to imbibe Personalized-learning
- 6 Centres of Excellence Industry-Collaborated Laboratories in ECE.
- Strong alumni network which emphasizes on knowledge sharing.

Visit our website for more details
www.rmkec.ac.in

Call To Find Out More
044 - 6790 6790

Email
principal@rmkec.ac.in

Salient Features

- Industry supported Autonomous curriculum (40% of the Syllabus provided by our proposed knowledge partner HCLTECH).
- VDT specialization with 163 credits prepares students for careers in the semiconductor industry and they can work as VLSI design engineers, ASIC designers, physical design or verification engineers, or in roles related to chip fabrication and testing
- It is proposed to collaborate with HCLTECH to equip our students with the knowledge and skills to design complex integrated circuits in futuristic technology.
- Curriculum delivery through Innovative Pedagogical techniques with Smart Classrooms and LCD projectors
 - Live Interactive Assessment through RMKNextGen
 - Activity-Based Learning
 - Blended Learning
 - Project-Based Learning
- Digital Course Materials designed and developed by our faculty team.
- Transformation of Idea into Prototype through AICTE sponsored IDEA LAB.
- AI - Proctored Online Examination through Examly portal.
- Counselling and Performance Monitoring through Pragati App.
- Recognizing High Performers (RHP) and SkillRack Elite forum for Top Coders.
- Industry internship in curriculum - 1 week in winter & 3 weeks in summer.
- Co-curricular and extra-curricular talents showcased through 13 Student Clubs right from First Year

- Math Club
- Coding Club
- Language Club
- Science and Innovation Club
- Tech Club - Product Development
- Photography Club
- Humor Club
- Eco Club
- Yoga Club
- TEDx Club
- Cultural Club
- Astronomy Club
- Sports Club

- Student's achievements in Corporate Competitions and Hackathons.
- 160 Students are placed in 2023 Batch with more than 5 LPA.
- Winners of National level Smart India Hackathon Organized by MoE, Govt. of India with cash Prize of ₹1 Lakh consecutively for three years.
- More than 550 publications indexed in Scopus, WoS and SCI.



339 University Ranks

2 University Gold Medals

23 Entrepreneurs

75 Patents



The MoU signed with M/s. TATA ELXSI Ltd.



AICTE IDEA Lab inaugurated by Tmt. G. Laxmi Priya, I.A.S.,

Placements

Students with Dream Offers



Ms. KESINENI DIVYA
Municons
₹ 56 Lakhs Per Annum



Mr. KARTHIKAYAN M
Amazon
₹ 25 Lakhs Per Annum



Mr. SAI RAKESH K V
Amazon
₹ 25 Lakhs Per Annum



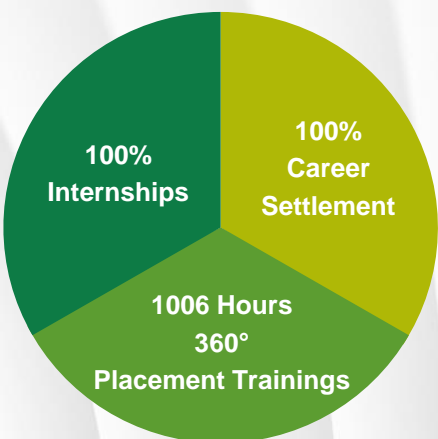
Mr. DHARNEESHWARAN G B
Bounteous
₹ 10 Lakhs Per Annum



Ms. SOFIA B
Zoho
₹ 8.4 Lakhs Per Annum



Ms. JANANI M
Kaar Technologies
₹ 8.0 Lakhs Per Annum



- 97%** Consistent Placement
- 30%** Business Unit Hiring
- 100%** Internships
- 218** Companies Visited
- 1006 Hours** Placement Training
- 360°**
- 56 Lakhs** Highest Package

Our Major Recruiters



Industry Connect

6 Centres of Excellence



Centre of Excellence Activities

- Guest Lectures
- Faculty Development Programme
- Hackathons
- Hands-on training by Industry Experts
- Project Expo with Industry Mentoring
- Product Development & Startup Registration
- Mini-project

Association with Industry

- MoUs signed with industries like Wipro, BOSCH, HCL, Tata Consultancy Services, Soliton Technologies, JCI, KPIT Technologies Ltd. etc.,
- Participating in KPIT - SPARKLE, JCI Contest, SIH, etc.,
- Faculty training through Train-The-Trainer Model.
- Faculty certification by industry.
- Online certifications - Coursera, edX, etc.,
- Mini-project expo for students.
- CISCO Networking Academy Institution.

Industry Collaborated Laboratories



Embedded Systems and Robotics Lab sponsored by e-Yantra Lab setup Initiative, IIT - Bombay



Inauguration of Telecom CoE by Wipro



Automotive Electronics CoE MoU Signing with KPIT



MoU Signing with HCL

Industrial Visits



Industrial visit to Sathish Dhawan Space Centre SHAR, Sriharikota



Industrial visit to Prasad Studio.

Day 1 – Placements 2019 - 2023 Batch



Distinguished Alumni



Ms. ARCHANA MANOHARAN
(2007 Batch) ECE
Vice President of Data Risk,
Finance of America Companies, US



Mr. J. ZAKKIR HUSSAIN
(2016 Batch) ECE
Senior Cyber Security Engineer,
Etis alat Digital Security, UAE



Mr. GAUTHAM MANCHUKONDA
(2019 Batch) ECE
RF Design Engineer at Qorvo, Inc.
Texas, United States



LT. CDR. BALA MURALI ELLAPPAN
(2010 Batch) ECE
Senior Lieutenant Commander
Indian Navy



Ms. RACHEL BENITA
(2016 Batch) ECE
Senior Analog IC Design Engineer
Marvell Semiconductor,
Singapore



Mr. VISWANATHAN R R
(2012 Batch) ECE
Revenue Divisional Officer
Sivakasi, Virudhunagar District.



Mr. VISHAL SURESH BABU
(2015 Batch) ECE
Cloud Operations Engineer,
AWS, Virginia, United States



Ms. VEENA VIJAYAN
(2013 Batch) ECE
RF OTA Systems Engineer,
Apple California, United States

Alumni Testimonials

Imparting high-quality technical education has been the dedicated mission of the founders of this institution. They have invested so much in the campus infrastructure, Lab facilities and faculty development, that any student who wants to become an engineer of fine quality will be very much benefitted. This college has provided me the ambience to nurture and bring out the best of my abilities for 4 years.

Mr. RATNAKAR RAYAVARAPU
(1995-99 Batch) ECE
Senior Director, Engineering at Samsung R&D India,
Bangalore.



Our college provides not only the education to develop myself highly motivated and confident personality which made me very self-disciplined. Now I am working in a core company (Cadence) with high package, it gives me immense pleasure and satisfaction. All credits goes to the faculties of ECE department.

MURARISSETTY SAIKRISHNA
(2012-16 Batch) ECE
AMS Layout Engineer
Cadence Design System, Hyderabad.



It's been over a decade since I graduated from RMK Group of Institutions, but it just feels like yesterday. I am truly grateful to the care and attention I received from the day I joined the college to the day I graduated with campus placement. I have not come across such a beautiful campus and the management team who actively listens and fulfils students' needs with utmost priority.

Mr. RAVI KIRAN PALADUGU
2005-09 Batch ECE
Global Account Manager,
Manufacturing and Industrial Vertical Technologies,
AWS (Amazon Web Services), Hyderabad.



RMK Groups is a place of great culture and values. The institute is not only committed to delivering high-quality education but also grooms the engineers both professionally and technically to achieve greater heights. The highly experienced faculty and placement cell of the institute ensures the engineers are trained up to date with the latest industrial requirements.

Mr. PRANAY CVP
(2014-18 Batch) ECE
Senior Project Engineer, Soliton Technologies,
Coimbatore.



Alumni Meet at USA & UK

San Francisco (23.04.2019), Los Angeles (26.04.2019), Atlanta (29.04.2019), Washington DC (07.05.2019), New York (10.05.2019), London (19.05.2023)



To Apply Online



R.M.K. GROUP OF INSTITUTIONS

ACCREDITED BY NAAC | ISO 9001:2015 CERTIFIED INSTITUTIONS |
ALL THE ELIGIBLE UG PROGRAMS ARE ACCREDITED BY NBA, NEW DELHI.

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Tamil Nadu, India. Pin code: 601 206. | Telephone: 044 - 6790 6790 | Fax: 044 - 6790 6791

To know more about B.E Electronics
Engineering (VDT)

