



# R.M.K. ENGINEERING COLLEGE

(An Autonomous Institution)

(Approved by AICTE & Affiliated to Anna University)



## B.E.-Computer Science and Design

*"Enriching and Elevating your Concrete Technical Proficiency and Creativity"*

TNEA 1113

Knowledge Partner LTIMindtree

With

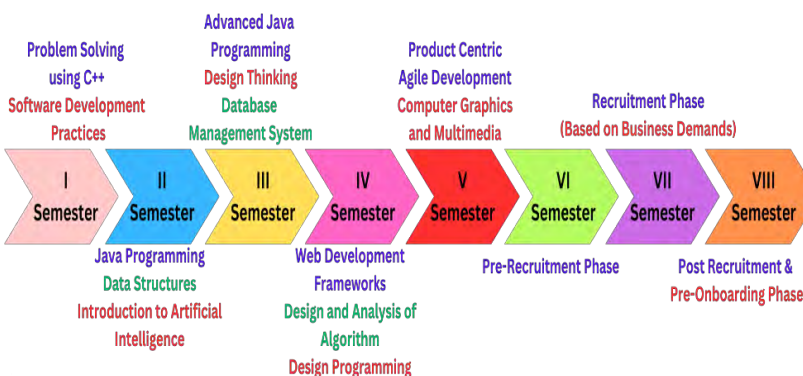
### Honours Degree (18 Credits) in

- Artificial Intelligence
- Virtual and Augmented Reality
- Creative Media Design
- Cyber Security
- Cloud Computing

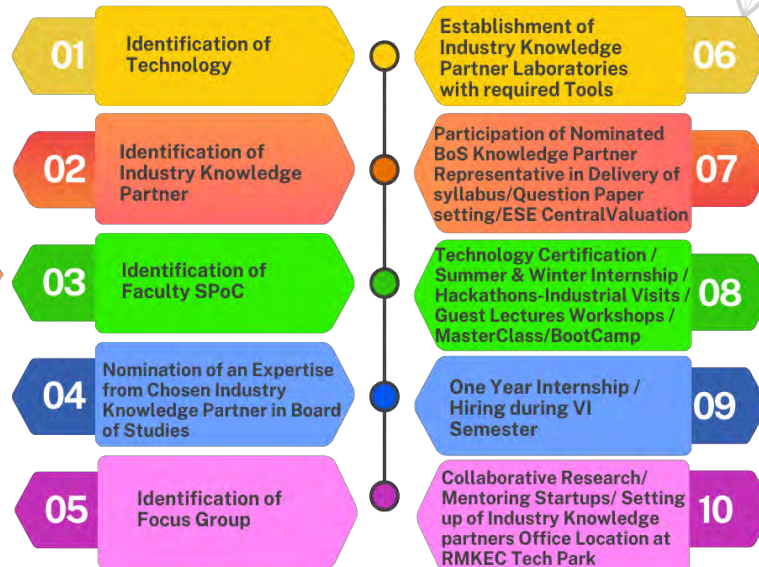
### Minor Degree (18 Credits) in

- Internet of Things
- VLSI Technology
- Robotics and Automation
- Electric Vehicle Technology
- Embedded System

## LEARNING PATH AND CAMPUS LEFT SHIFT PROGRAM



## BEST PRACTICES OF KNOWLEDGE PARTNER COLLABORATION



## What Makes B.E. Computer Science and Design Unique at R.M.K.?

- ❖ Accredited by NBA & NAAC with A+ Grade and All India Ranking in NIRF 151-200 Rank Band
- ❖ An ISO 21001:2018 Certified Institution
- ❖ Recognized Research Centre under Anna University, Chennai
- ❖ Multiple verticals with flexibility to choose Honours and interdisciplinary Minor Degree
- ❖ Our Knowledge Partner LTIMindtree designs 40% of the Curriculum and Syllabus for B.E. Computer Science and Design. Most of the Courses in the Curriculum are Practicum Integrated Courses in the niche areas
- ❖ Highly equipped Digital Experience Lab to acquire skills in Augmented and Virtual Reality
- ❖ Faculty trained and certified by industries like AWS (Amazon), Google Cloud, Infosys and Wipro
- ❖ First Institution in Tamil Nadu to implement AI-driven learning platform – RMKNextgen for students to imbibe Personalized Learning Experience
- ❖ 6 Centres of Excellence and Industry Collaborative Laboratories
- ❖ Providing individualized attention through continuous monitoring of academic progress, placement activities, and counselling support (20 students for every Counsellor)
- ❖ Provides 1002 hours of 360 degree placement training
- ❖ Certification in Food Safety by FSSAI

# Salient Features

## Curriculum

- ❖ Unlocking Your Potential: From Student to Professional
- ❖ Industry Designed Autonomous Curriculum and Research Oriented Curriculum in futuristic technologies
- ❖ Fostering Innovation through Product Development Lab from Semester I to VI in AICTE Idea Lab
- ❖ Most of the theory courses are integrated with the laboratory component
- ❖ Industry Internship in Curriculum - 1 week during Winter & 3 weeks during Summer

## Faculty Strength

- ❖ 35% of the faculty members are Ph.D. holders
- ❖ Anna University recognized Research Supervisors
- ❖ Faculty research publication-106 in which Scopus Indexed-85 publications and SCI-21 publications
- ❖ 8 Patents published and 5 Consultancy projects with a value of Rs. 5,64,000 and sponsored projects with a value of Rs. 30,00,000 completed by Faculty members
- ❖ Faculty received IEI Best Faculty Advisor Awards

## Club Activities

Co-curricular and Extra-curricular talents showcased through 15 Student Clubs right from First Year:



- ❖ Engaging in outreach initiatives through the Unnat Bharat Abhiyan Village Adoption Scheme

## Higher Studies and Entrepreneurship

- ❖ First Institution in India to receive Recognized Centre for TOEFL Certification Exam
- ❖ Signed MoU with France Universities: Ecole Centrale Nantes, EM Normandie Business School and De Vinci Higher Education
- ❖ Organized International Post Graduate Admission Counselling Day
- ❖ Encourages students to be entrepreneurs by providing specialized mentoring and support
- ❖ Provides collaboration and co-creation with startups via National-level industrial digital transformation by enabling government and industry to collaborate with academia innovators

106

Publications

21

SCI  
Indexed

85

Scopus  
Indexed



Ideathon Contest Conducted by the Knowledge Partner LTIMindtree



Workshop on "Design Thinking" by Mr.M.Srinivasan, AVP, Customer Success, LTIMindtree



Workshop on Design Thinking by Dr.Daniel Chandran, University of Technology, Sydney



# Placement and Training

## Our Major Recruiters

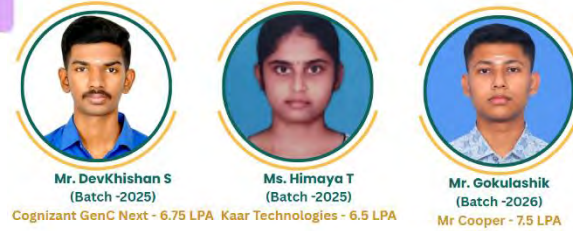


1002 Hours of Phased Training Programs			
Career Pathway Counseling 12 Hours	Pathway to Become Engineer 12 Hours	Recruitment Readiness Workshop 12 Hours	Life Skills Workshop 6 Hours
Corporate Specific Training 60 Hours	Employability Readiness Assessment 24 Hours	Business English Certification 60 Hours	Become an Entrepreneur 12 Hours
Placement Preparation Practice 480 Hours	Engineering Orientation 6 Hours	Master Codes Webinar 150 Hours	Problem Solving 168 Hours

## Placement Statistics



**3 OFFERS WITH 6+ LPA**



## France Universities MoU

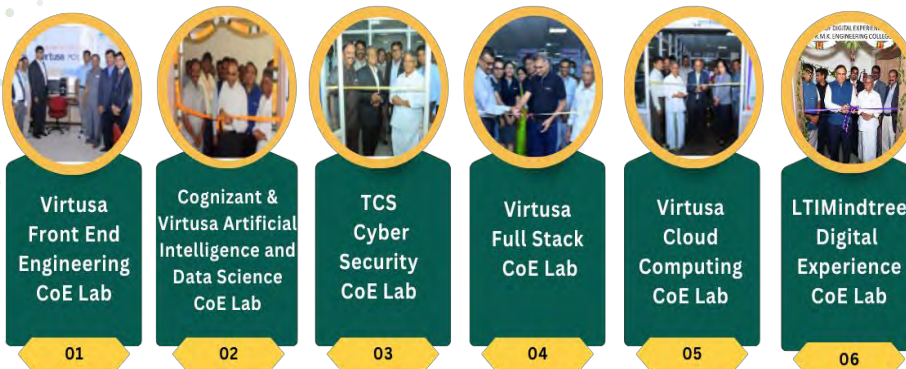


## LTIMindtree-Summer Internship



## Industry Connect

### 6 Centres of Excellence Industry Sponsored Laboratories



## International Post Graduate Admission Counselling Day



## CoE Activities

- ❖ Guest Lectures
- ❖ Faculty Development Programmes
- ❖ Hackathons and Ideathon
- ❖ Hands-on training by Industry Experts
- ❖ Project Expo with Industry Mentoring
- ❖ Mini-Project
- ❖ Industrial visits
- ❖ Product Development and Startup Registration
- ❖ MoUs signed with Industries like LTIMindtree, Virtusa Consulting Services Private Limited, Infosys, HCL, Tata Consultancy Services, NTT Data, etc.,
- ❖ Students' Participation in LTIMindtree's Summer Internship Programme and Campus Left Shift Program
- ❖ Industry training for faculty through Train-The-Trainer Model
- ❖ Faculty Certification by Industry
- ❖ Online Certifications - Coursera, edX, Unity

Dr. S. Thanga Ramya has been certified as an Advanced Technology Certified Faculty under the Wipro Digital Skills Readiness Program



## Faculty Certifications



Ms. Divya J has been certified as a Unity Certified User under the Unity Technologies program



## Industry Experts' Testimonial

With Digital transforming business globally-emerging nextgen technologies, digital practices, new ways of working and agile business models are catalysts of transformation. To stay ahead of the game, it's prudent to have exposure and specialization in all these areas. Computer Science and Design curriculum coupled with Digital Experience COE seem to be addressing the same. This could be a good roadmap for anyone aspiring for Digital Engineering / Architecture as their core competencies.



**Mr. M. Srinivasan**  
Associate Vice President,  
Customer Success,  
LTIMindtree, Chennai.

The primary goal of information design is to communicate with utmost clarity. Being in an information era, presenting the information using the appropriate design and visualization tools becomes inevitable. Hence, any course like "Computer Science and Design" that focuses on information design, graphics, animation, gaming and visualization is highly recommended.



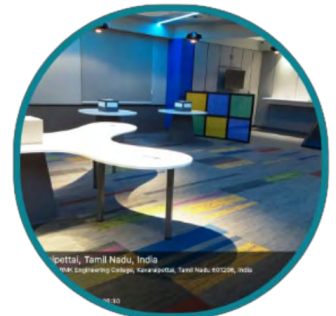
**Mr. S. Thamaraiselvam**  
Faculty, Zoho Corporation,  
Chennai.

The potential of the twin technologies AR and VR is far more fascinating and interesting. There is no doubt that these twin technologies will change our life. The future is bright for Computer Science and Design graduates as they learn both UI/UX and AR VR in their curriculum.



**Mohamed Kedir Noordeen,**  
Machine Learning Engineer,  
Paypal, Chennai.

## Immersive Digital Experience Lab



## 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)

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To know more  
about CSD



### R.M.K. GROUP OF INSTITUTIONS

(Autonomous Institutions)

Accredited by NAAC/ All the Eligible UG Programs are Accredited by NBA, New Delhi)  
R.S.M. Nagar, Kavaraipettai, Gummidipoondi Taluk,  
Thiruvallur District Tamil Nadu, India. Pin code – 601 206.  
Telephone : 044 – 6790 6790, Fax: 044 – 6790 6791

To Apply Online



For Further Details  
& Admission Enquiry  
Registration Visit

[www.rmkec.ac.in](http://www.rmkec.ac.in)