R.M.K. GROUP OF INSTITUTIONS

Autonomous Institutions
(Approved by AICTE & Affiliated to Anna University)

To learn in-demand skills that make you stand out and build a dynamic career

Join

An Industry Relevant Program

B.TECH. ARTIFICIAL INTELLIGENCE AND DATA SCIENCE
Cognizant Technology Solutions as KNOWLEDGE PARTNER

25 YEARS OF EXCELLENCE

RMK GROUP OF INSTITUTIONS

DNV·GL — QUALITY SYSTEM CERTIFICATION — ISO 9001:2015

R.M.K. ENGINEERING COLLEGE
TNEA Counselling Code **1113**

R.M.K. COLLEGE OF ENGINEERING AND TECHNOLOGY
TNEA Counselling Code **1128**

Why B.TECH. ADS?

- To be at the frontier of technological changes in the future.
- To boost technical skills by understanding the world of AI and apply to business or job role.
- The course content is presented at a level that encourages critically to engage in pushing the boundaries of best practice in industry.
- To become a successful Entrepreneur in the domain of ADS with Innovative Business Ideas.

Why B.TECH. ADS at R.M.K. Group?

- Accredited by NBA and NAAC with A+ Grade.
- Competent and Committed Faculty with specialization in the areas of Artificial Intelligence, Machine Learning, Data Analytics and Big Data.
- Faculty trained and certified by industries like Google Cloud, Cognizant, Infosys, Wipro, and BNY Mellon.
- First Institution in Tamil Nadu to implement AI-Driven learning platform – RMK Nextgen for students to imbibe Personalized Learning Experience.
- 4 Centres of Excellence Industry-Collaborated Laboratories.
- High Pass Percentage achieved through Personal Care and Counselling (20 students for every Counsellor).

Salient Features

❁ **Industry-Designed Autonomous Curriculum with Cognizant as 'Knowledge Partner'.**
❁ **Research Oriented Curriculum in Futuristic Technology.**
❁ **Curriculum Delivery through Innovative Pedagogical Techniques with Smart Classrooms and LCD projectors.**
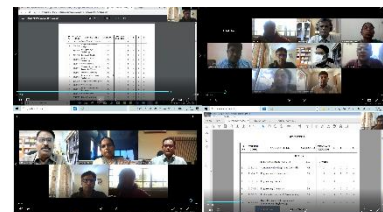 - ❁ **Live Interactive Assessment through RMK Nextgen**
  - ❁ **Activity-Based Learning**
  - ❁ **Blended Learning**
  - ❁ **Project-Based Learning**
❁ **Digital Course Materials designed and developed by our Faculty Team.**
❁ **AI-Proctored Online Examination through Examly portal.**
❁ **Counselling and Performance Monitoring through Pragati App.**
❁ **Recognizing High Performers (RHP) and SkillRack Elite Forum for Top Coders.**
❁ **Industry internship in Curriculum 1week in Winter & 3 weeks in Summer.**
❁ **Co-Curricular and Extra-Curricular Talents showcased through 13 Student Clubs right from First Year:**

❁ **Maths Club**	❁ **Humour Club**
❁ **Coding Club**	❁ **Eco Club**
❁ **Language Club**	❁ **Yoga Club**
❁ **Science and Innovation Club**	❁ **TEDx Club**
❁ **Tech Club – Product Development**	❁ **Cultural Club**
❁ **Photography Club**	❁ **Astronomy Club**
	❁ **Sports Club**

❁ **Student's Achievements in Corporate Competitions and Hackathons.**
❁ **Winners of National- Level Smart India Hackathon organized by MoE, Govt. of India with cash Prize of ₹1 Lakh.**
❁ **Faculty regularly publish Research Papers indexed in Scopus, WoS and SCI Journals and National / International Conferences.**

Experts from Cognizant Reviewing the Syllabus and Curriculum on 22nd November 2021.

ISTE Best Student Award

Best Paper Awards in International Conferences

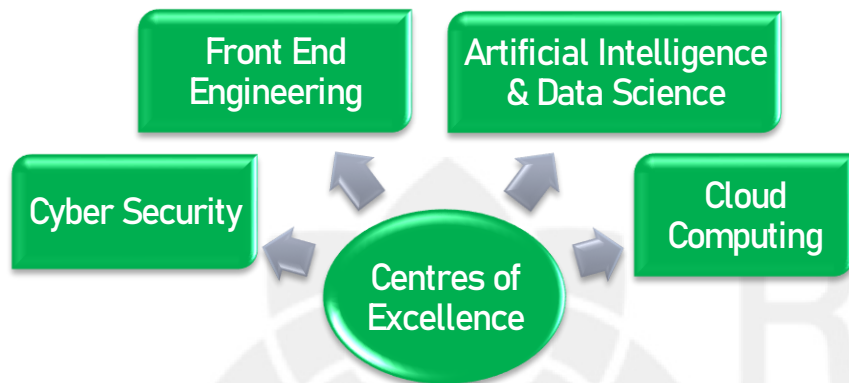**Students Certified through Online Courses – EdX, NPTEL, Coursera**

Day 1 – Placements
2018 - 2022 Batch

Our Major Recruiters

Cognizant 567 Offers

wipro 396 Offers

Total **1356** Offers

accenture 237 Offers

tcs TATA CONSULTANCY SERVICES 156 Offers

amazon · ZOHO · Cognizant · Infosys · TATA CONSULTANCY SERVICES

virtusa · wipro · IBM · HITACHI Inspire the Next · AtoS

ZILKER TECHNOLOGY · flex · Mindtree · CODA · Kaar

HEXAWARE · DeltaX · multicoreware · EY · NEWGEN

LTI Let's Solve · hubstream · Capgemini · CODING MART · sify

Industry Connect

4 Centres of Excellence

- Front End Engineering
- Artificial Intelligence & Data Science
- Cyber Security
- Cloud Computing

Centres of Excellence

CoE Activities

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

Industry Collaborated Laboratories

Inauguration of Cyber Security Lab

Inauguration of Artificial Intelligence Lab

Inauguration of Front End Engineering Lab

Inauguration of Cloud Computing Lab

- MoUs signed with industries like Virtusa Consulting Services, Infosys, HCL, Tata Consultancy Services, Soliton Technologies Private Limited, KPIT Technologies Ltd. etc.
- Student's Participation in Google Cloud Career Readiness Program
- Faculty trained through "Train-the-Trainer" Model
- Faculty certified by Industry
- Online certification from Platforms like Coursera
- Mini-project expo for students
- AWS Academy Membership for the Institution

Faculty Certifications

Wipro Certified Faculty in Project Based Learning

AICTE Trained Faculty in AI & ML

ISTE - BNY Mellon Trained Faculty in AI & ML

Coursera Certified Faculty - Cloud Platform

CAREER OPPORTUNITIES

From top Tech giants like Apple, Google, Microsoft and Amazon to large retail, finance and tech startups to generate most of the AI & DS jobs across the globe.

- AI/ML Engineer
- UI/UX Designer
- Data Engineer

- Data Scientist
- Data Analyst
- Business Analyst

- Big Data Engineer
- Natural Language Processing Expert
- Computer Vision Engineer

Future of Employment

- The growth of AI is expected to create 58 million jobs in the near future.
- The creation of 11.5 million data science job openings is predicted by 2026.
- The salary of ML engineer and Data Scientist will be grown by 14% through 2028.
- A demand-supply gap of 2,00,000 data science professionals in the coming years is anticipated.

Industry Testimonials

"Data is the new oil" - Clive Humby

This term was coined more than a decade and a half ago, and it's still true more than ever. More and more companies are embracing this culture. Even non-IT industries like oil, machinery, mining are unlocking the true potential of data through extensive research on AI and ML. So there are more opportunities in this field than ever before since everyone want to jump in.

Mr. Sethuraman Annamalai
Sr. Software Engineer - Machine Learning, Salesforce.

Many traditional organizations are ambitiously embarking on their journey of digital transformation.
Organizations are planning strategic digital transformation initiatives and there is a huge demand in the Artificial Intelligence & Data Science field. Opportunities are endless and the future looks promising!
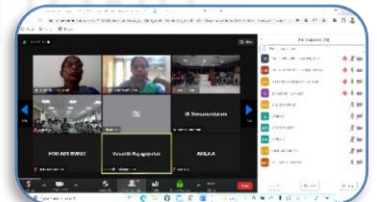
Mr. Ramakrishnan Muthu
Deep Learning Specialist, Standard Chartered Bank.

Industrial Lectures

Mr. Aniruddha Bose, Associate Director- Data Science & AI, Cognizant presenting a session on "AI: The Changing Landscape".

Mr. Srivathsan RL, Senior Architect, Cognizant, presenting a session on "AI & ML – An Industry Perspective".

Alumni Meet at USA

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

To Apply Online

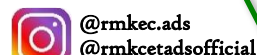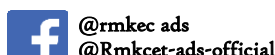# R.M.K. GROUP OF INSTITUTIONS

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ALL THE ELIGIBLE UG PROGRAMS ARE ACCREDITED BY NBA, NEW DELHI.

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