



R.M.K. GROUP OF INSTITUTIONS

(Autonomous Institutions)

(Approved by AICTE & Affiliated to Anna University)



R.M.K.
ENGINEERING COLLEGE

TNEA 1113

B.Tech. Artificial Intelligence and Data Science

"Join an Industry Relevant Program for a Successful Career"

Knowledge Partner



R.M.K. COLLEGE
OF ENGINEERING AND TECHNOLOGY

TNEA 1128

Honours Degree

(18 Credits) in

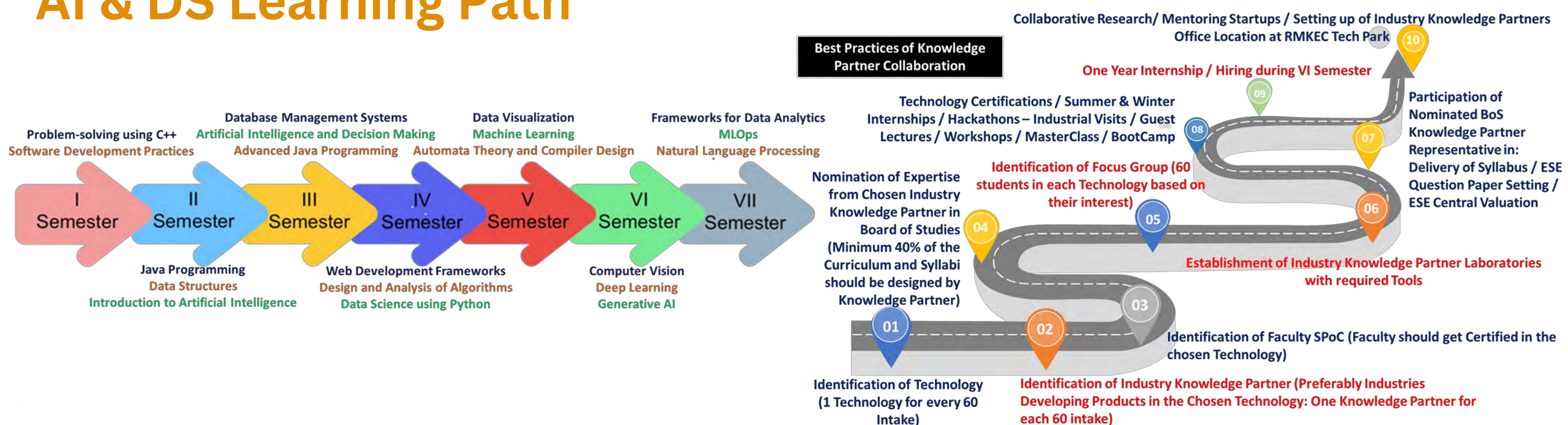
- Advanced Analytics
- Computational Intelligence
- AI and Cloud Computing
- Intelligent Healthcare
- Generative AI
- Quantum Computing
- High Performance Computing

Minor Degree

(18 Credits) in

- Internet of Things
- Robotics and Automation
- Electric Vehicle Technology
- Embedded Systems
- VLSI Technology
- Entrepreneurship and Innovation

AI & DS Learning Path



What Makes B.Tech AI&DS Unique at R.M.K.?

- Accredited by NBA & NAAC with A+ Grade and All India Ranking in NIRF 151-200 Rank Band (RMKEC), 201-300 Rank Band in NIRF 2024 (RMKCET).
- An ISO 21001:2018 Certified Institution.
- Recognized Research Centre under Anna University, Chennai.
- Multiple verticals with the flexibility to choose Honours and interdisciplinary Minor Degrees.
- Competent and Committed Faculty specializing in Artificial Intelligence, Machine Learning, Data Analytics, Big Data, Cloud Computing, and Natural Language Processing.
- Faculty trained and certified by industries like Google Cloud, Cognizant, Infosys, Wipro, BNY Mellon and IISC.
- Regular Faculty Development Programmes organized to upskill the faculty members every semester.
- First Institution in Tamil Nadu to Implement AI-Driven learning platform - RMK Nextgen for students to imbibe Personalized Learning Experience.
- Provides 1002 hours of 360 degrees placement training.
- Providing individualized attention through ongoing monitoring of academic progress, placement activities and counseling support (20 students for every Counsellor).
- Received Food Safety Award from the Government of Tamil Nadu.

Salient Features

> Curriculum

- ✿ Industry-Designed Autonomous curriculum with Cognizant as Knowledge Partner.
- ✿ Product Development Lab from Semester I to IV through AICTE Idea Lab.
- ✿ All theory courses are integrated with the laboratory component since 2022 Curriculum.
- ✿ Research Oriented Curriculum in Futuristic Technology.
- ✿ Industry Internship in Curriculum - 1 week in Winter & 3 weeks in Summer.
- ✿ Credit transfer through online MOOC certifications.
- ✿ Semester Abroad program.

> Faculty Strength

- ✿ 18 faculty Ph.D. holders, 15 faculty pursuing Ph.D., 2 faculty are post-graduates.
- ✿ Faculty research publications - 300 Scopus Indexed Publications, 38 SCI publications, 64 WOS publications.
- ✿ 64 Patents published and received grants for 4 patents by faculty; 35 Consultancy projects completed.
- ✿ Anna University recognized research supervisors.
- ✿ Organized DST-SERB, CSIR-sponsored seminars.
- ✿ IEI Best Faculty Advisor Awards.
- ✿ NPTEL Discipline Star Award.

> Club Activities

- ✿ Co-Curricular and Extra-Curricular Talents showcased through 15 Student Clubs right from First Year:



> Entrepreneurship

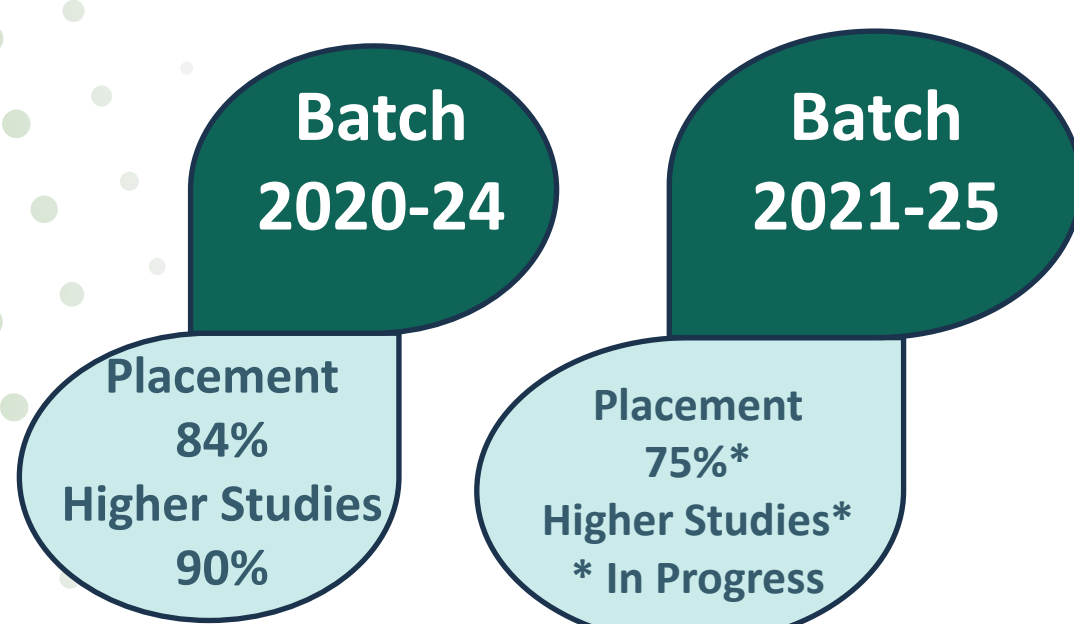
- ✿ Encourages students to be entrepreneurs by providing specialized mentoring and support by Forge Innovation and Ventures.
- ✿ Semester-long Entrepreneurial Forge training that targets and supports entrepreneurial innovation with industry-innovated labs.
- ✿ Provides collaboration and co-creation with startups via National-level industrial digital transformation by enabling government and industry to collaborate with academic innovators.



Mentoring at Forge Innovation and Ventures

> Placement and Training

Placement Statistics



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	Test of English as a Foreign Language (TOEFL) 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

> Teaching Learning Process

- ✿ Industry Collaborated Laboratories.
- ✿ Activity / Project-Based / Blended Learning.
- ✿ Live Interactive Assessment through RMK Nextgen.
- ✿ Curriculum Delivery through Innovative Pedagogical Techniques with Smart Classrooms, LCD projectors and Viewsonic boards.
- ✿ Practical sessions through iamneo NeoCoLab and CodeTantra Platforms.
- ✿ Hands-on workshops by industry resource persons.
- ✿ Digital Course Materials designed and developed by our Faculty Team.
- ✿ Counselling and Performance Monitoring through Pragati online counselling App.
- ✿ Recognizing High Performers (RHP) and SkillRack Elite Forum for Top Coders.



Industrial Visit to ISRO, SHAR



Mr. Aromal Joseph, III year ADS, Internship at Offenburg University of Applied Science, Offenburg, Germany, 9th to 20th September, 2024

> Faculty Upskilling



DST-SERB Sponsored Seminar on AI Rudiments, Algorithms and Applications



Wipro Certified Faculty in Project Based Learning



IISC & QpiAI Certified Faculty in Quantum AI with Amazon Braket

Our Major Recruiters



Industry Collaborated Laboratories

5 Centres of Excellence (CoE)



Virtusa Front End Engineering CoE Lab



Cognizant Artificial Intelligence CoE Lab



TCS Cyber Security CoE Lab



Virtusa Full Stack CoE Lab



Virtusa Cloud Computing CoE Lab

> Industry Connect Activities

- Domain Specific Hiring
- Faculty Enrichment Programmes
- Hands-on training by Industry Experts, Bootcamps
- Guest Lectures, Industrial Visits
- Courses in the Curriculum are Practicum Integrated
- Courses in the niche areas provided by Cognizant Experts

Artificial Intelligence CoE

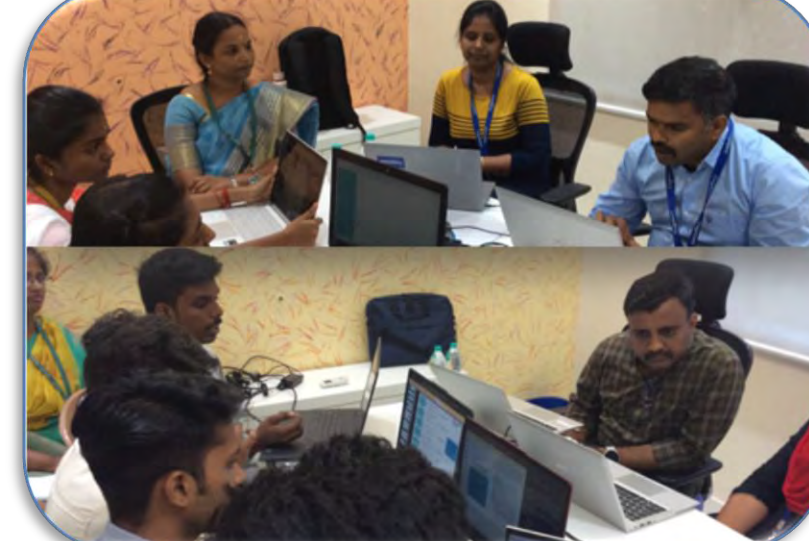
- Mock Interviews
- Hackathons
- Project Expo with Industry Mentoring
- One to One Student Profiling



Guest Lectures - Future of Data Science
Mr. Sriram Nukala, Senior Director, Artificial Intelligence and Analytics Leader, Cognizant.



Individual Students Profiling
By Senior Directors & Associates from Artificial Intelligence and Analytics Domain, Cognizant.



Health Revolution - Hack 2024
Hackathon based Business Unit hiring for Artificial Intelligence and Data Science Domain by Cognizant.



Virtual Bootcamp - PowerBI for Data Visualization - Senior Architects & Associates, Artificial Intelligence and Data Science, Cognizant.

> Business Unit Hiring by COGNIZANT Above 6 LPA Placements

19 OFFERS WITH 6.75 LPA

37 OFFERS WITH 4.0 LPA



Mr. V Harshavardhan
(Batch 2024)
Honda R&D Co. Ltd., Japan - Rs. 42.28 LPA



Mr. Narayanan P
(Batch 2026)
Ms Soliton Technologies - Rs. 8-10 LPA



Mr. Kaviyarasu S
(Batch 2026)
Mr Cooper - Rs. 7.5 LPA



Mr. Sharavana Kumar R N
(Batch 2025)
Multicoreware - Rs. 7.2 LPA



Mr. S Saravanan
(Batch 2025)
Multicoreware - Rs. 7.2 LPA

> Higher Education

- MoUs signed with industries like Cognizant, NTT Data, ATOS, Infosys, HCL, TCS, etc.
- Google Developers Students Club (GDSC) for encouraging peer-to-peer learning
- AWS Academy Membership for the Institution
- Student's Chapters of Analytics Society of India (ASI)
- Online certifications from Platforms like Coursera, Infosys Springboard, NPTEL.
- Japanese & German Language Certifications by Centre for Foreign Languages.
- 20% of the students opt for higher studies in USA, UK, Canada and Australia.
- Signed MoU with ETS India for conducting TOFEL iBT test in our campus.
- Higher Education Cell organizes various events and education fairs in the campus by foreign universities.



Higher Studies in USA, UK, Canada, Australia, India



International Admission Counselling Day



France Universities MoU

Students Achievements

- ✿ 40 Students Published Papers in National / International Conferences.
- ✿ 20 Students Published 5 Patents.
- ✿ 4 Students have registered a startups at RMK Incubation Centre.
- ✿ Won First Prize of Rs. 1 Lakh in the National Level Hackathons.
- ✿ Received ISTE Best Student Awards.
- ✿ Attended paid summer Internships in top MNCs like Amazon.
- ✿ Participated and won in co-curricular and extra-curricular competitions organized by various colleges and universities.
- ✿ Participated and won Zonal and Inter-Zonal Anna University Sports Competitions like Volley Ball, Chess, etc.
- ✿ Received Rs. 15 Lakhs grant as SEED FUND from MSME and Rs. 4 Lakhs in Yukthi Innovation Challenge.



Ms. V Deepika, IV year ADS
Internship @ Amazon with a stipend of Rs. 50,000/-



Ms. Aswini, III year ADS won Rs. 1,00,000/- at Police Hackathon 2025 organized by Cyber Crime Wing, Chennai.



Team Naveena Tamizhar of, III year ADS have Won Rs. 1,00, 000/- at KYINNOVATE 2025 Hackathon organized by ICT Academy in UmagineTN 2025



Ms. Nivetha P, IV year ADS
Was part of the Women's Volleyball team which won the Anna University Zonal 2023



Team Tech Nextgen of III year ADS won the Second Prize in the NATIONAL LEVEL ISTE IDEATHON 2025 at Punjab.



Students Received Elite+Gold and Topper Certifications in SWAYAM NPTEL

Industry Testimonials



Mr. Sharan Karthick K S
Data Engineer,
Kaar Technologies, Chennai.

Digital services play a major role in an organization's uplift in terms of profit and growth. Data Engineering and Data Analytics fields help digitally transform the company's trend and set the benchmark to a higher level. As Data engineering and Analytics apply to almost any industry in work from finance and healthcare to marketing and retail, there's a growing need for data expertise in nearly every sector.



Mr. Rajesh Jeyapaul,
Engineering Lead, AIOps,
IBM Software Labs India

From the experience of working on AIOps, I see the potential of applying AI across many solutions in the Industry. Also, this course will provide a good opportunity to get into the research scope where AI can be applied along with other emerging technologies like Quantum computing and so on. I encourage students to make use of this opportunity. Aligning with Industry will be critical to the success of this evolving technology.

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 ADS



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Accredited by NAAC/ All the Eligible UG Programs are Accredited by NBA, New Delhi)

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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
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