CMR UNIVERSITY

Private University Estd in Karnataka State by Act No.45 of 2013

BENGALURU

RECOGNISED BY **UGC**

"To nurture creative thinkers who can drive positive global change".

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M.Tech. (CSE)

M.Tech. (AI)

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ABOUT CMR UNIVERSITY

CMR University (CMRU), Bangalore is a private university in the state of Karnataka, established under the Act 45 of 2013. The University fosters creative communities where new ideas are nurtured, new discoveries made, and new creations shared. CMRU works with the Vision "To nurture creative thinkers who will drive positive global change."

WHY M.TECH @ CMRU

CMR University Bengaluru, today ranks amongst the best private Universities in India. More than 24000 students have benefitted from our extensive "student empowerment programme" where the focus is on cultivating thought leaders who contribute to society.

- Research on recent technologies, innovations, and projects for social needs.
- Centers-of-excellence, Innovation & Entrepreneurship cell.
- Highly qualified & experienced faculty.
- Well-equipped labs with the latest software and hardware configurations.
- Support for Research and Development, Publications, IPR filing.

BENEFITS OF THIS PROGRAMME

- Build a career in CSE specialized in AI.
- Enable a structured learning journey.
- Find solutions for real world problems using AI.
- Immersive hands-on learning experience.
- Leverage the skills of latest AI / CSE tools and techniques.
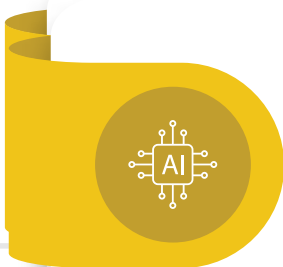- Structure business problems in Machine Learning and AI frameworks.

PROGRAMME STRUCTURE

SEMESTER - I

Mathematical Foundations for CSE
Advanced Database Management Systems
Advanced Machine Learning
Research Methodology & IPR
Pedagogy Studies

SEMESTER - II

Cloud Computing Tools
Elective – I
Elective - II
Value Education

SEMESTER - III

Deep Learning
Distributed Computing
Elective – III
Mini Project - I

SEMESTER - IV

Elective – IV
Elective - V
Mini Project - II

SEMESTER - V

Open Elective
Internship
Project Work - I

SEMESTER - VI

Project Work - II

ELECTIVE COURSES

- ★ Advanced Web Technologies
- ★ Big Data Analytics
- ★ Wireless and Mobile Networks
- ★ User Interface (UI)/User Experience (UX)
- ★ Unix System Programming

- ★ Mobile Application Development
- ★ Python for Data Analysis
- ★ Advanced Algorithms
- ★ Chat Bot Development
- ★ Recommender System

- ★ Pattern Recognition
- ★ Ethical AI in Life Sciences
- ★ Project Management Advanced
- ★ Block Chain Technology
- ★ Robotic Process Automation

CAREER OPPORTUNITIES

ARTIFICIAL INTELLIGENCE

- AI Architect
- Data Engineer
- Software Engineer
- Data Scientist
- AI Developer
- Research Scientist

COMPUTER SCIENCE AND ENGINEERING

- Software Developer
- Hardware Engineer
- Web Developer
- Computer Programmer
- Computational Automation Engineer
- Computational R&D Architect

OUR CAMPUSES

LAKESIDE CAMPUS

HOSTEL BLOCK

LAKESIDE CAMPUS

OMBR CAMPUS

CITY CAMPUS

CMR UNIVERSITY - SCHOOLS

» School of Architecture
» School of Design
» School of Engineering
   & Technology
» School of Social Sciences
   & Humanities

» School of Economics
   & Commerce
» School of Management
» School of Science Studies
» School of Legal Studies
» School of Education

CMR GROUP OF INSTITUTIONS

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The CMR Group is a leading educational conglomerate consisting of K-12 Schools, Institutions of Higher Education, Pre-University Colleges, various Centres of Excellence in Research, and the prestigious Private University. The CMR Group is currently catering to over 20,000 students from 30+ countries.

- CMR Institute of Technology - NAAC A++ Accredited
- CMR National Public School
- Ekya School - ITPL
- Ekya School - JP Nagar
- Ekya School - BTM Layout
- Ekya School - Byrathi
- Ekya School - NICE Road
- CMR National PU College - HRBR
- CMR National PU College - ITPL
- CMR National PU College - BTM
- CMR National PU College - Byrathi
- CMR National PU College - NICE Road
- NPS International, Singapore

GET IN TOUCH

LAKESIDE CAMPUS:
Off Hennur - Bagalur Main Raod, Chagalahatti
Bengaluru - 562149, Karnataka

CITY CAMPUS :
#2, 3rd C Cross, 6th A Main, 2nd Block,
HRBR Layout, Kalyan Nagar,
Bengaluru - 560043, Karnataka

OMBR CAMPUS :
#5, Bhuvanagiri, OMBR Layout, Bengaluru -
560043, Karnataka

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