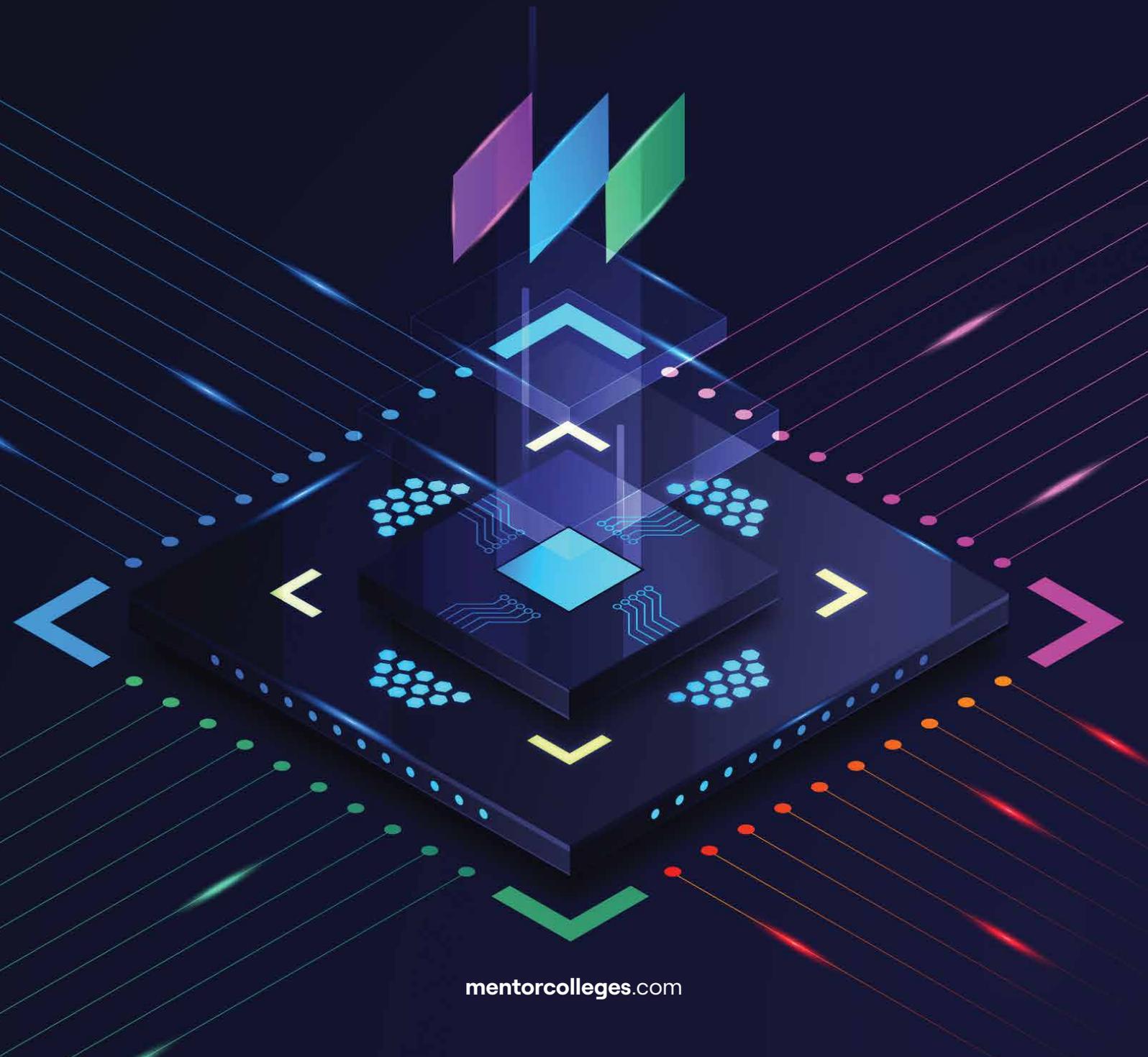
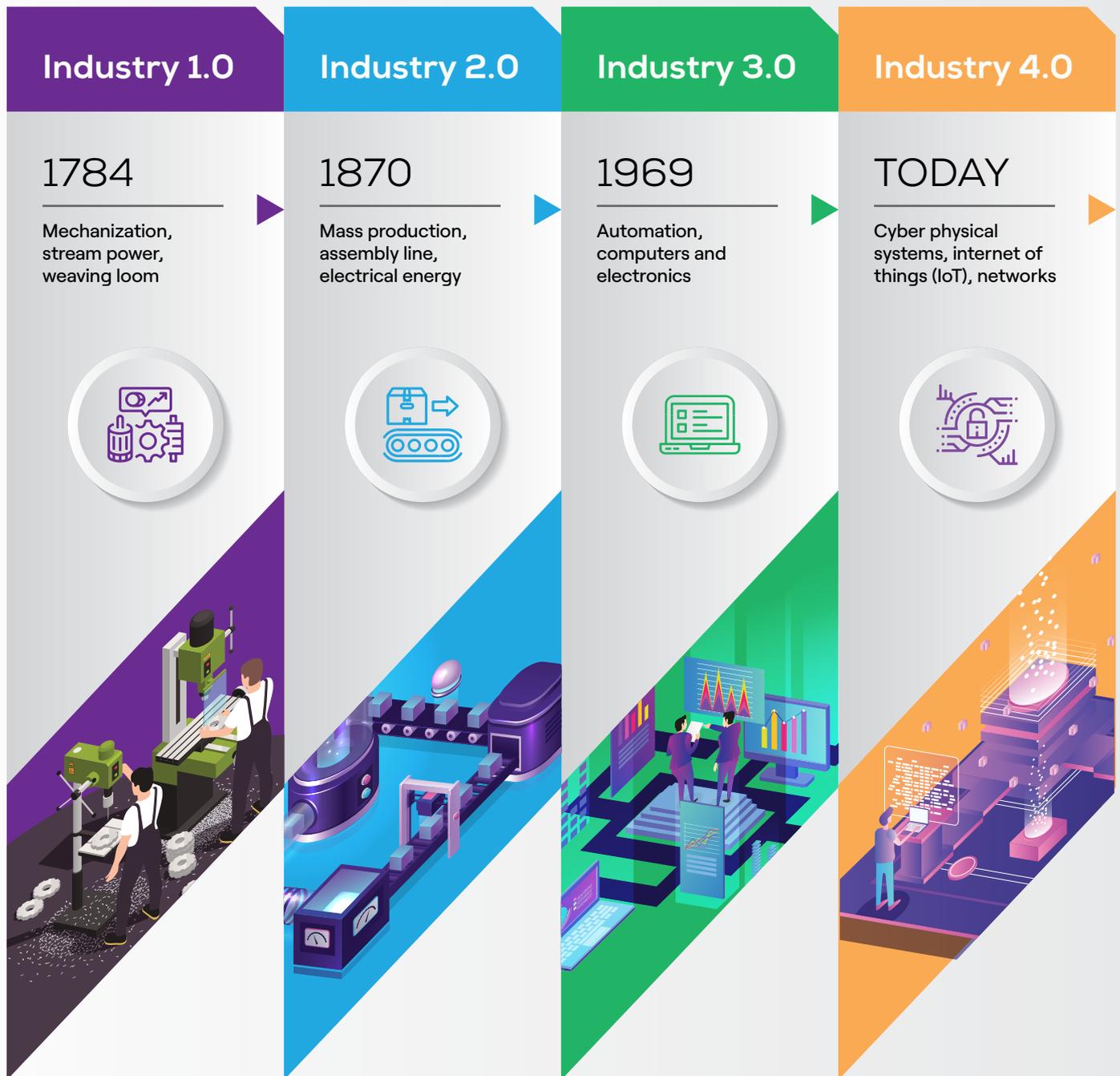


The new age of futuristic learning





THE FUTURE OF LEARNING STARTS HERE...



MENTOR ENGINEERING COLLEGE IS AN ENGINEERING INSTITUTION TO EDUCATE AND FUTURE-PROOF COMPUTER SCIENCE GRADUATES FOR THE NEXT GENERATION OF CHALLENGES AND OPPORTUNITIES BEING CREATED BY INDUSTRY 4.0.



Industry 4.0 is based on innovations across eight key pillars that bridge the physical and digital realms, enabling the development of smart and autonomous systems. Meeting the demands of this revolution requires a workforce equipped with the necessary technical expertise. Enter MADEIT, a cutting-edge computer science engineering institution that prepares the next generation of Industry 4.0 professionals. The MENTOR program emphasizes a project-based approach that develops both technical and interpersonal skills to meet the needs of today's workforce.

The eight pillars underpinning Industry 4.0—Big Data and AI analytics, Cloud computing, Augmented reality (AR), Industrial Internet of Things (IIoT), Additive manufacturing/3D printing, Autonomous robots, Simulation/digital twins, and Cybersecurity—are all critical areas covered in the MADEIT curriculum.



Vision

Empowering the next generation of talent to achieve their career dreams through transformative education, mentorship, and industry collaboration.



Mission

To bridge the gap between job seekers and employers in India by providing innovative, personalized, & industry-driven upskilling programs, fostering strong partnerships with academic institutions and MNC's, nurturing a community of well-rounded professionals.

Join us in embracing the future of work by learning to code and becoming a part of the Industry 4.0 revolution.



The fourth Industrial Revolution, also known as Industry 4.0, demands a skilled workforce capable of leveraging technology to creatively solve problems. This new era is defined by smart, autonomous systems that rely on computer-based algorithms to monitor and control machinery, robots, and vehicles utilizing data to optimize work processes.

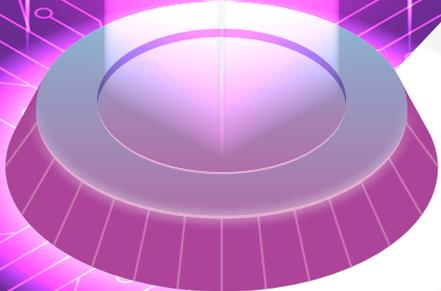


Our goal at MENTOR is to provide comprehensive training in the eight pillars of IR 4.0, positioning individuals for success in the future. Our commitment to inclusivity, an open culture, and a pursuit of excellence sets us apart in the world of higher education. We strive for sustainable professional integration into the labour market.

LIFE AFTER MADE IT-FUTURE PROOFING TALENTS

In an era with a high demand for digital talent, MENTOR guides its students towards successful and sustainable careers.

In phase with the industry, in phase with its time, MENTOR offers training that helps its mentees face the challenges of the present and future of employment.



Our USP

Mentors and Mentees, Not Teachers and Students

Capstone (Project)-Based Pedagogy

Peer-to-Peer Learning

Gamification

Industry senior experts as super Mentors

FOR MORE
KNOWLEDGE,
LEARN EVERYDAY
FOR MORE WISDOM,
UNLEARN EVERYDAY.

~Lao Tzu

MENTOR ACADEMY OF EXCELLENCE – SET YOUR SIGHTS TO HIGHER PURPOSEFUL LEARNING

Mission: To prepare students for success in four-year colleges

- ✦ Emphasis on student ownership of learning

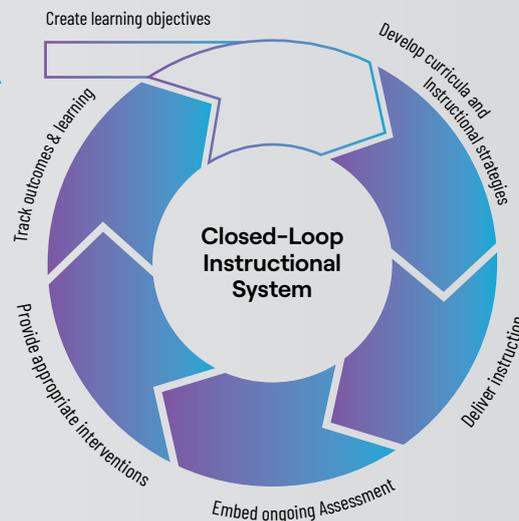
Personalized Learning Plan (PLP) Integrated across the learning experience

- ✦ Students check PLP progress daily; plan shows performance relative to a student's personal college goal
- ✦ Mentors use student data to adjust current and future projects

Computer-based instruction allows for targeted interventions

- ✦ Mentors focus on areas with greatest need
- ✦ Additional remediation available through playlists

One-on-one mentor mentorship meetings weekly



Customized project-based learning approach

- ✦ Summit mentors develop learning projects, assessing cognitive skill development via subject-specific content
- ✦ "Playlists" of digital resources are aligned to each project

Blended learning for mathematics and reading

- ✦ Higher performing students use individualized, computer-based instruction
- ✦ Lower performing students receive small-group, mentor-led instruction

Mentors led, project-based instruction

Self-directed personalized learning time

Online assessment platform integrated with PLPs and academic playlists

- ✦ Pre- and post-assessments coupled with playlists
- ✦ Data on skill mastery fed into PLP

Mentor Engineering College of Technology offers mentors from specific categories as



SUPER MENTORS

- ✔ The Super Mentors program offers training to students on a monthly basis.
- ✔ The program is led by CEOs and Managers of top MNC companies in the industry.
- ✔ The goal of the program is to provide students with real-world experience and insights from industry leaders.
- ✔ Students can learn from the best in the industry and gain valuable insights into the business world.
- ✔ The program also provides opportunities for students to network with other students and professionals.



INDUSTRY MENTORS

- ✔ Industry Mentors are experienced professionals with 10+ years of experience in their field.
- ✔ The program provides weekly in-hand training experience to students.
- ✔ The focus is on providing practical experience to students in their chosen field.
- ✔ The program helps students develop skills and knowledge in the field.
- ✔ Students gain valuable experience working in a real-world setting.
- ✔ The program provides opportunities to network with other professionals in the industry.



IN-HOUSE MENTORS

- ✔ In-House Mentors are experienced mentors with 5+ years of experience.
- ✔ They provide daily training within the organization. In-House Mentors work closely with students to develop their skills and knowledge in their chosen field.
- ✔ The program aims to provide students with on-going support and guidance to help them succeed in their studies and future careers.

Our mentors work at big companies in the world

facebook

Google

Microsoft

Adobe

twitter

DREAM11

Goldman Sachs

zomato

NETFLIX

amazon

Flipkart



YouTube

IBM

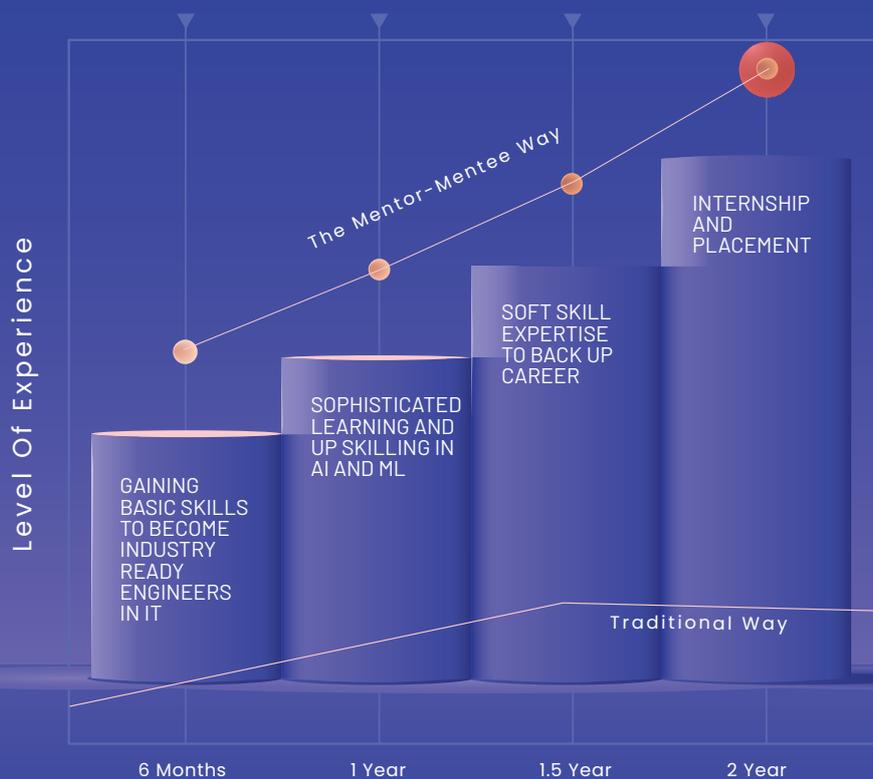
Qualcomm

Myntra



cure.fit

OUR UNIQUE PLATFORM





Your future begins here, to become the world's best 1% of software engineers.

Adaptable Inclusion In A Dynamic Career Landscape

Considering that 85% of the jobs in 2030 are yet to emerge, MENTOR focuses on equipping mentees with the ability to continually adapt rather than training them in specific, soon-to-be obsolete technologies. The program emphasizes cultivating a combination of wide-ranging and specialized skills, preparing mentees for careers in the ever-evolving digital industry 4.0, both now and in the future.

Role in Startups:

MADEIT training, which includes personal initiation, creativity, and autonomy supports entrepreneurship. MADEIT encourages and motivates its mentees to create their own startups, collaborate with profiles from other horizons or aim at high-level positions at emergent companies. On Campus, the MADEIT Startup Club offers them privileged resources. The most promising start-ups are even invited to join an incubation program in partnership.

Close ties with the Digital Ecosystem

Throughout the curriculum, several events allow students to meet with professionals, present new technologies, create network, or seek job or internship opportunities.

More than exposing mentees to the world of work, it is about understanding the IT needs of today's companies to be able to integrate into the market in the best possible way. The opportunity to build and sustain your professional network is a noteworthy asset when seeking a sustainable career.

According to the World Economic Forum's Future of Jobs Report, 50% of all employees will need to reskill by 2025 as the adoption of technology increases, which makes it absolutely essential for the professions to keep learning, unlearning, and relearning to drive profitability and optimize resources. Businesses are also realizing the importance of digital transformation and acceleration in business to stay ahead in the game – and the specific skillsets required to stay afloat.

LEARN LIKE ITians.

PROCESS



Our Unique Approach

Engineering leadership track || MAANG track || Algo trading track || AI/ML Track

Engineering Leadership Track

A Skills you will learn

Low Level Design & Design patterns | System Design of Large Scale Products with Case Studies | Implement Handling Large Data Streams on Cloud | VoIP - Build your own Zoom | Cybersecurity Basics | Data Engineering: Create Data Lakes, Write | Spark / Map Reduce Jobs

MAANG Track

B Skills you will learn

Number theory | Prob and Stats - 2 | Advance DSA | Advance Graph Theory

Placement Description

Our Talent Acceleration Program is designed to bridge the gap between freshers' skills and the requirements of high-growth industries. Leveraging cutting-edge technologies such as artificial intelligence and machine learning, we provide a personalized and data-driven approach to talent identification and skill development. Through this Program, we empower freshers with all the knowledge and guidance they need to excel in their careers along with mentorship and job placement assistance. Join our program and unlock your potential for a thriving career in the rapidly evolving job market!

Algo Trading Track

C Skills you will learn

Systems programming using C/C++ | Multi-threading and concurrent programming - 2 | Advance DSA | Prob and Stats - 2 | Linear Algebra | Stocks and derivatives - 101 | Quant Research Methods

AI/ML Track

D Skills you will learn

Prob and Stats - 2 | Linear Algebra | Classical ML - supervised learning | Classical ML - unsupervised learning | Computer Vision | NLP | Generative AI, Large Language Model (LLM)

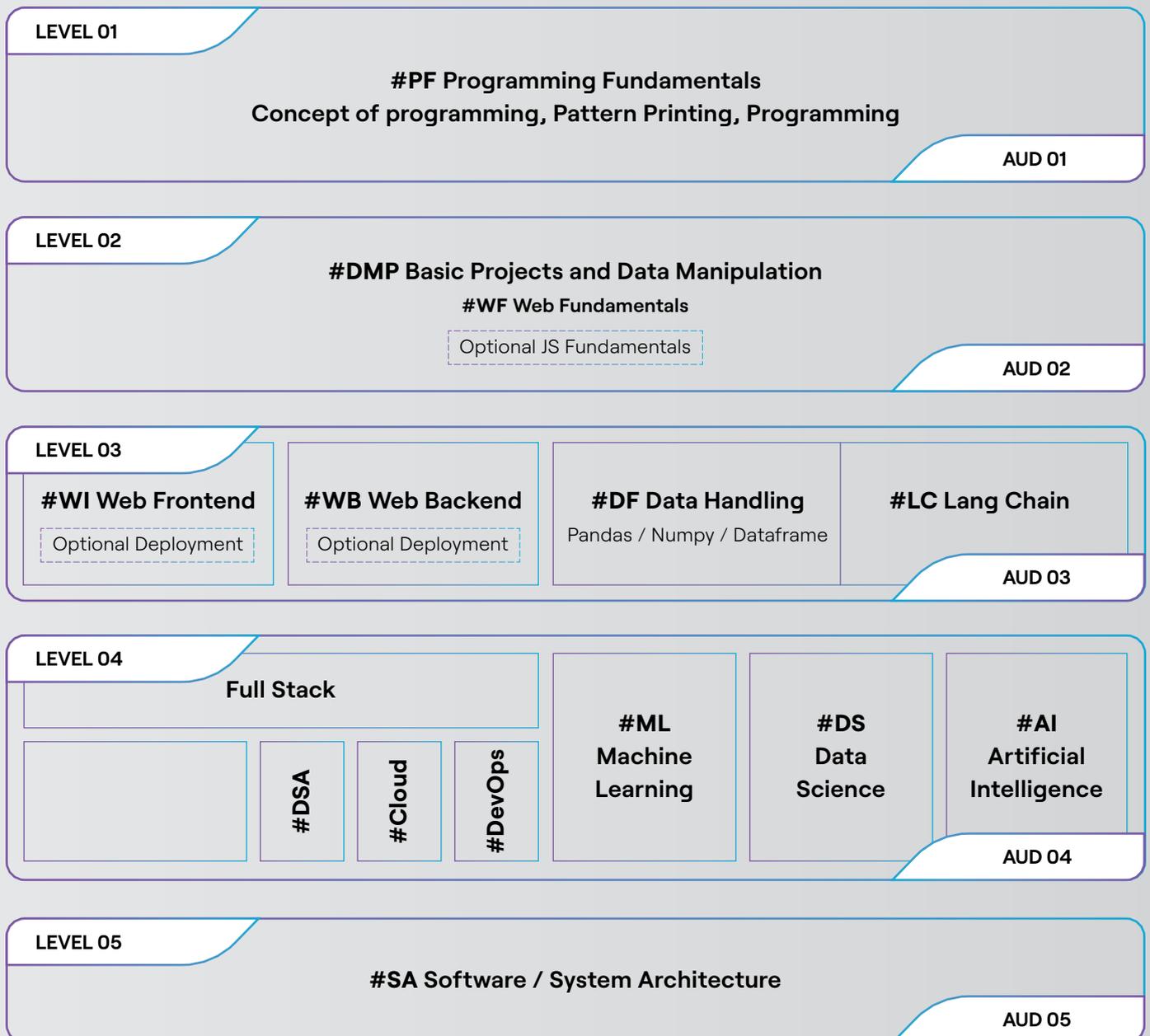
CONCLUDES

You now would be among the top 1% of Software Engineers and ready to make a mark in the industry

Our Super intensive industry vetted add-on programme IJRC 4.0 will train you to get placement of 12 to 24 lakhs LPA



MENTOR SCOPE OF SYLLABUS ROADMAP



* Industry Integrated job ready Certificate

Traditional vs Mentor Driven

Traditional Education	 Mentor
Curriculum	
Outdated	 Redesigned curriculum with industry experts with 10+ years of experience
Instructors	
No industry experience	 Experienced instructors with coding and development expertise.
Assignments	
Theoretical written papers	 50+ Apps and Products to be Coded
Mentorship	
No dedicated guidance	 Weekly sessions with industry experts
Internship	
No support for Internship Opportunities	 Compulsory paid internship required for final year.
Employability	
Has to undergo extra training	 Job ready certificate
Graduate	
Junior SDE	 Senior Development Executive
Live project experience	
Lack of resources	 Opportunities to work part-time at SW development companies after completion of IJRC program
Add on certification	
Some local training programs not vetted with industry	 Vetted with industry - IJRC
Teaching Methodology	
Follow university curriculum to get marks through theory studies	 Targeting students with knowledge of SW theories to pass exams.



Programs Offered



B.Tech



COMPUTER SCIENCE & ENGINEERING



ARTIFICIAL INTELLIGENCE & MACHINE LEARNING



ARTIFICIAL INTELLIGENCE & DATA SCIENCE



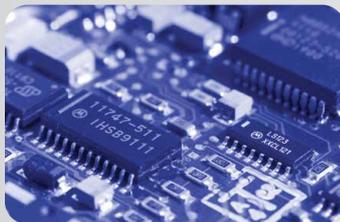
INTERNET OF THINGS



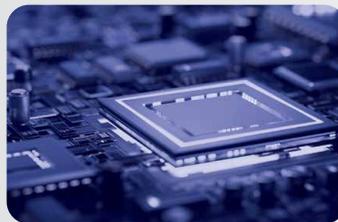
CYBER SECURITY



BLOCKCHAIN



ECE (INDUSTRY INTEGRATED)



ELECTRICAL AND COMPUTER ENGINEERING

B.Design



DESIGN



INDUSTRIAL DESIGN



INTERACTION DESIGN



TEXTILE DESIGN



COMMUNICATION DESIGN

Programs Offered



BSc.



PSYCHOLOGY



CYBER FORENSIC



FASHION TECHNOLOGY

B.A.



MULTIMEDIA



ANIMATION AND GRAPHIC DESIGN

B.C.A.



B.B.A.



B.Com.



MSc.



PSYCHOLOGY

M.A



CINEMA AND DIRECTION

Celebrations



About

The Management

T.R. Shamsudheen

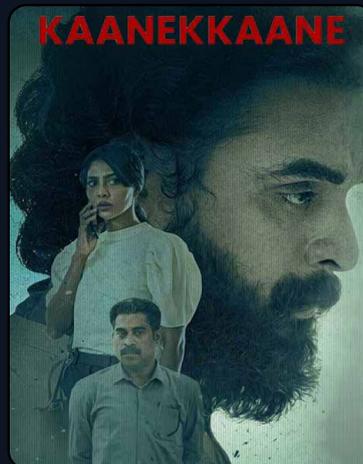
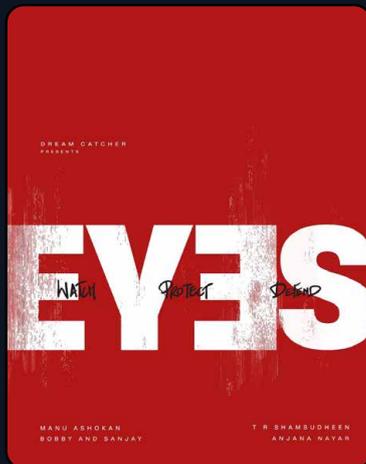
Founder and CEO | Mentor Academy for Design
Entrepreneurship Innovation and Technology

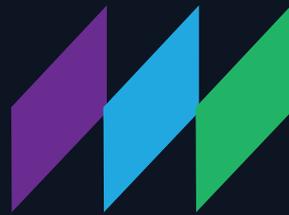
Mr. T.R. Shamsudheen is a distinguished Indian entrepreneur, educationist, and technocrat with a remarkable track record of accomplishments in the fields of education, entertainment, and technology.

He is a self-made individual of extensive calibre, whose dedication to education and entertainment has resulted in successful ventures that inspire and empower others. His outstanding contributions to the fields of education and technology have served as a source of inspiration for many, and his commitment to excellence has earned him a reputation as a visionary leader and innovator across the media and the startup ecosystem.



Producer of the Movies





Mentor

MENTOR ACADEMY FOR DESIGN ENTREPRENEURSHIP
INNOVATION AND TECHNOLOGY

Ettapilly Mannathoor(PO),
Pampakuda via Muvattupuzha,
Ernakulam, Kerala - 686 667.

Tel: 70347 33111, 94959 55111



mentorcolleges.com