



Maharaja Institute of Technology Mysore

Belawadi, Sriranga Pattana Taluk, Mandya – 571 477



Department of Computer Science & Engineering

PROGRAM OVERVIEW

MITM began the Department of Computer Science and Engineering (CSE) in 2007, its own founding year. The Indian IT industry by then had become a force to reckon with. It prompted us to understand the importance of imparting quality technical education in this coveted field so as to create engineers par excellence. Hence the department is a result of the missionary zeal of our dedicated staff, to educate students from all over India including those from rural areas, and mould them into engineers who can lead the future. However, only technical education is half the picture. Along with, we strive to develop the students into enlightened individuals, who improve the living standards of their Families, Industry and Society as a whole.

The objective of MITM is not only to create brilliant individuals, but also to develop the institution into a centre of excellence with state of the art infrastructure. The department of CSE shares this objective, and strives towards it. The emphasis lies on development of sound computer fundamentals among the students as a priority. The VTU curriculum is the basic guiding path of our faculty. Besides this, the program also provides a range of diverse software and hardware platforms for the students to hone their theoretical knowledge. This in turn creates engineers who are well versed in both the theoretical and the practical aspects of their chosen subjects. Laboratories are the workshops where the fresh students are moulded into technical prodigies. Computer Science & Engineering program typically centres primarily around theory and software, with only some hardware, upper division courses tend to allow a lot of freedom to specialize in software and theory related areas (e.g. Data structures, Algorithms, Artificial Intelligence, cryptography/security, Machine Learning, IOT, Networks, Graphics/Visualization, operating systems/distributed processing, Software Engineering). Program gives foundation to engineering in first year, introduces computer science fundamentals like data structures, design and analysis of algorithms etc in 2nd year, core computer science subjects in 3rd year and latest subjects such as Machine Learning, IOT & Big Data Analytics in final year to meet the expectations of industry requirements.

The Department is very well equipped with diversified laboratories with all the modern computing facilities at avail. This includes a dedicated laboratory for Project works. All the laboratories are installed with a variety of software, which not only cater to the need of the students, but also cover the curriculum specified by the VTU, the parent university.

The laboratories include Data structures Lab, Algorithms Lab, Networking Lab, Systems Software Lab, Computer Graphics Lab, Java Technology Lab, DBMS Lab, Python Lab, Analog & Digital Electronics Lab & Microprocessor Lab.

The performance of the students is paramount to the department and various steps are taken to ensure the consistency of academics. Unit tests are conducted on monthly basis. Apart from this, constant motivation in and out of the class, as well as counselling are provided for the all round growth of the students. Moreover, regular feedback is obtained from the students, regarding various aspects of teaching. Staff are appraised by the students, self, Head of the Department and the Head of the Institution.

Sd/-

Dr. Shivamurthy R C

Head of the Department,

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MIT Mysore