

## M-Tech(Regular) in CSE

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|                    |                              |                               |                    |     |
|--------------------|------------------------------|-------------------------------|--------------------|-----|
| <b>Mode:</b>       | Course Type :<br>Â Full-Time | Post-Graduation               | Â Duration:        | Â 2 |
| years (4 semester) |                              | Â Department:                 | Â Computer Science |     |
| Department         | Â Intake:                    | Â 18                          |                    |     |
| Â Affiliations:    | I K Gujral                   | Â Punjab Technical University |                    | Â   |
| <b>Approvals:</b>  | Â AICTE, New Delhi           |                               |                    |     |

### About the Â Department

Department of Computer Science and EngineeringÂ has started this PG Program in the year 2011. The program is approved by AICTEÂ and is affiliated to Punjab Technical University (PTU), Jalandhar. In the current scenario of various computing devices, the importance of efficient computing with resource optimization is becoming more and more relevant. The need for advancements in architecture and integrating computer hardware, software, algorithms, data management, simulation etc is being increasingly felt. It is in this context this program assumes relevance.

The curriculum is aimed to give theoretical and hands on in the areas of Advances in Operating Systems, Advances in DBMS, Computer Systems Performance Analysis, Formal Models in Computer Science, Advanced Algorithms, Advances in Computer Architecture, Computer Networks, Optical Networks, Advances in VLSI in the first three semesters and a host of elective subjects like Advances in Digital Image Processing, Computer Graphics & Visualization, Topics in Artificial Intelligence, Protocols Engineering, Advances in Storage Area Networks, Advances in Compiler Design, Information Security etc. Students have opportunity to work in advanced areas like Data warehouse, data mining as the department has projects funded by Government agencies and companies like Wipro.

### InfrastructureÂ

The students are required to learn through hands on in various laboratories in the department, namely, Research and development lab, CISCO Lab, High performance computer Lab, Cloud computing Lab, Network simulator Lab. Â

### Area of ResearchÂ

The students will get an opportunity to participate in projects related to, but not limited to Natural Language processing, Data Mining and Business Intelligence, Image processing, Clustering, Multicore processing, High performance computing.Â Placement opportunities: Students will get placement and internship opportunities IBM, HP, Microsoft, Cognizant Technologies, Tata Consultancy, WIPRO, Oracle and many more.

### Eligibility

[Click here](#) (to download a fileÂ pdf).

### For Any Academic/ Admission Query

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