



INSTITUTE OF HUMAN RESOURCES DEVELOPMENT
(Established by Government of Kerala)

Admission to
M. Tech Programme in
VLSI & Embedded Systems
2010-2011

Model Engineering College, Thrikkakara, Ernakulam
(Affiliated to CUSAT)

PROSPECTUS

INSTITUTE OF HUMAN RESOURCES DEVELOPMENT

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ADMISSION TO

M. TECH. PROGRAMME IN VLSI & EMBEDDED SYSTEMS AT MODEL ENGINEERING COLLEGE, THRIKKAKARA, ERNAKULAM

PROSPECTUS 2010-2011

Institute of Human Resources Development

IHRD is an educational agency fully owned and controlled by Government of Kerala. Since its inception in 1987, IHRD has established 74 Nos. of various categories of institutions including 9 self-financing engineering colleges for the development of manpower in the field of Electronics, Computer, IT and other related fields.

Applications are invited in the prescribed format for admission of candidates to M. Tech. Programme in VLSI & Embedded Systems in the Model Engineering College, Thrikkakara, Ernakulam functioning under IHRD.

About the college:

Model Engineering College, Thrikkakara is a premier institute of engineering that has carved a niche for itself in the field of technical education in a very short span of time. Since its inception in 1989, under the aegis of IHRD, the college has made its presence felt in the technical horizon of the state.

The college offers M. Tech. programme in VLSI & Embedded Systems and B. Tech programmes in Computer Science & Engineering, Electronics & Communication Engineering, Electronics & Biomedical Engineering and Electrical & Electronics Engineering. Unique in its structure, methods and goals, the college is strongly rooted in a philosophy of training and research that emphasizes the intimate relationships between knowledge and its application and seeks to promote the creation of an ideal society.

The college has been selected for financial assistance by TEQIP (Technical Education Quality Improvement Programme), a World Bank Project. All the B. Tech. programmes are accredited by A.I.C.T.E. The college is affiliated to the Cochin University of Science and Technology.

Eligibility:

1. B. E. /B. Tech. degree in Electronics and Communication/ Electronics and Instrumentation/ Electrical and Electronics of a recognized University with a minimum of 60% marks.
2. Valid Gate score. (Sponsored and SC/ST candidates may have relaxation in this requirement)
3. In the absence of candidates with Gate score, marks of the Qualifying examination/ Admission test conducted by the Institution will be considered. In the case of Sponsored candidates Experience will also be considered.

Duration:

Duration of the course is four semesters.

Course Content:

As per the advanced syllabus prescribed in constitution with CUSAT, which will be aligned, to suit emerging technology trends.

Assessment:

The assessment will be based on sessionals and marks obtained for the examinations, which will be conducted as prescribed by CUSAT.

Application form:

Application form for applying to the M.Tech programme is available free of cost from Model Engineering College, Ernakulam or can be downloaded from the websites www.mec.ac.in or www.ihrdkerala.org. However, the filled in application form should be accompanied by a demand draft for Rs.500/- (Rs.250/- for SC/ST candidates) drawn in favour of Principal, Model Engineering College, Thrikkakara, Ernakulam payable at SBT, Edappally, Ernakulam.

Documents to be submitted along with application form

1. True copy of SSLC/equivalent certificate mentioning the Date of Birth of applicant.
2. Community Certificate and Income Certificate if applicable, from the Tahsildar concerned.
3. True copy of Degree certificate of Qualifying Examination.
4. True copy of marklist of Qualifying Examination.
5. True copy of GATE Score card.
6. Employment Certificate, Experience Certificate and Sponsorship Certificate from the concerned Organization (for Sponsored candidates)

Submission of application form:

Duly filled in Application form should be submitted to the Principal, Model Engineering College, Thrikkakara, Ernakulam on or before **10.06.2010**. Candidates who have appeared for the final semester of their Qualifying examination and having a valid GATE Score should submit their final marklist at the time of interview. All other candidates should submit the copies of marklist of Qualifying examination and other certificates along with the application on the prescribed last date mentioned above.

Selection:

Selection for admission will be based on the candidate's percentile score in GATE except for Sponsored candidates. In the absence of candidates with Gate score, selection will be based on the marks of the Qualifying examination/Admission test conducted by the Institution. Seats are reserved for SC/ST and other backward communities as per Kerala Government rules.

Total number of seats : 18

The above seats will be filled up as follows:

- a). 3 seats reserved for eligible candidates from IHRD Engineering Colleges on the basis of seniority
- b). 6 seats reserved for eligible candidates from Educational, Research Institutions / Industry
- c) Remaining seats will be filled up by observing the reservation policies of Government / University

(The unavailed seats if any under reservation/sponsored quota will be filled up from open merit)

Course Fee:

Sl.No:	Details	Amount
1	Tuition fee	Rs.35000/- per semester Rs.45000/- (per semester for sponsored candidates other than IHRD candidates.)
2	Admission fee	Rs.650/-
3	Caution Deposit	Rs.5000/-
4	PTA fund	Rs.3000/-
5	Bus fee	Rs.1400/-(For two years)
6	Other university fees	As prescribed by the University

Mode of Payment:

All payments are to be made by cash or Demand Draft in favour of The Principal, Model Engineering College, Thrikkakara. Payable at SBT, Edappally, Ernakulam.

Educational Concession

No educational concession will be available to the students of M.Tech programme except the SC/ST/OEC candidates. The SC/ST/OEC candidates are exempted from payment of prescribed fee on the condition that they will submit application for educational concession from SC Development department in the prescribed form along with supporting documents within 15 days from the date of commencement of regular classes. If they fail to do so, they should pay the prescribed fee. In case of educational concession is not sanctioned by the SC Development Department the student is liable to remit the entire fee. Sanctioning of educational concession is also subject to the orders of SC Development Department from time to time.

Contact details:

The Principal

Model Engineering College,

Thrikkakara, Kochi

Kerala – 682021

Phone : 0484 – 2575370

Fax: 0484-2577379

E Mail :principal@mec.ac.in

Website : www.mec.ac.in

(This prospectus is subject to modifications as per the decisions of the IHRD authorities, Government of Kerala, AICTE and CUSAT without any prior intimation to the candidates.)

DIRECTOR