PLACEMENT
BROCHURE 2014

MODEL ENGINEERING COLLEGE

(UNIT OF IHRD)

GOVT. MODEL ENGINEERING COLLEGE

From Principal's Desk

"

Rapid economic growth of recent times have brought drastic changes in the corporate world. In this scenario, we need professionals equipped with sound technical knowledge and managerial skills. At Govt. Model Engineering College, we strive to mould our students to achieve the same. With a sound pedagogy and high placement statistics, our college has become one of the most sought after destination for engineering aspirants in the country.

I am sure that your company will be benefited by recruiting from our campus and I can assure you that our students will prove an asset to your organisation.

"

Prof. Dr. V P Devassia
Principal, Govt. Model Engineering College

From PCO's Desk

"

Govt. Model Engineering College has carved a niche for itself in the competitive domain in a short span of 20 years. We have been successful in maintaining our high placement statistics over the years and the fact that our students beat the recession blues with record breaking placements itself is a testimony to our quality. Our ingenious alumni has set new standards in the corporate world through their estimable contributions and it is my firm conviction that we will continue that legacy in the years to come. All the necessary information required by you to take part in our placement program has been adduced in this brochure. Looking forward to meet you at the campus!

"

Dr. Jayasree V K
Placement Cell Officer, Govt. Model Engineering College

ABOUT US

WHY MEC?

"To evolve into an academy of excellence

To serve the emerging knowledge based society"

Govt. Model Engineering College was established in 1989, under the Institute of Human Resource and Development (IHRD) by the Government of Kerala. The college is affiliated to the Cochin University of Science and Technology (CUSAT) and strives to emulate an academic culture that is on a par with the best institutions in the country. Within a short span of time, the institution has emerged out with flying colours and has set its mark in the educational arena. It has been ranked among top engineering colleges in many surveys conducted by reputed magazines such as Mint and Outlook India. The college has received funding by TEQIP (Technical Education Quality Improvement Programme), a World Bank initiative. It has witnessed excellent placement statistics over the years and has outperformed many other top engineering colleges in the country.

The admissions are purely on the basis of merit in Kerala Entrance examination for undergraduate and GATE for postgraduate courses. Govt. Model Engineering College stands strong as a citadel of quality education and this can be validated by the performance of its students who have shown their calibre in the corporate world. Students leave transformed academically and stay members of a thriving alumni community far beyond graduation.

In a survey conducted by **OUTLOOK** in 2009, MEC was ranked 5th in terms of Return on Investment. In another survey by the same, in 2012, it was ranked 49th among the top 75 engineering colleges in the country.

Ranked 4th in terms of Industrial Interaction by **livemint.com**, the business daily of Hindustan Times in collaboration with The Wall Street Journal, in 2008.

MEC was ranked 28th among the top 50 government engineering colleges in India by the **mint** magazine in 2009. It was the only college in the top 50 to jump 9 places upwards from the previous year's ranking.

Our students have bagged PPOs from various top-notch companies like **zynga Deloitte. COSMIC circuits** and **NATIONAL INSTRUMENTS**

Prominent companies that have recruited from the college include **Microsoft redhat. GE Healthcare CYPRESS** and **FACTSET**. It is the only college in Kerala that has been consistently visited by **nVIDIA**.

Govt. Model Engineering College was the first college under CUSAT to be recognised as a research centre. The research is done in fields related to both Electronics and Biomedical Engineering.

Govt. Model Engineering College is the first engineering college in India to host **TEDx**, an independently organised TED event.
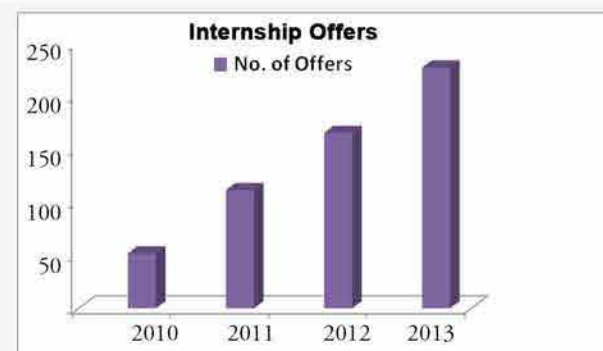
PLACEMENTS

PLACEMENTS

Placements

The Placement Cell of Govt. Model Engineering College is a fully student coordinated body which works under the guidance of the Principal and Placement Cell Officer. The cell is responsible for organising all the placement activities in the college from contacting the prospective employers to providing all the necessary requirements during the placement drive. The Placement Cell also conducts placement training activities in the campus to prepare the students to meet the needs of corporate world.

Placement Offers
No. of Offers

2008	2009	2010	2011	2012
383	446	222	372	381

Internships

The pre final year students undergo internships during the summer months. The internship programme is a student initiative in the college and is done to get exposure to the corporate world. It would give them a clear picture of the actual corporate scenario and hence would make them perform better later at work. It would also serve as a platform for them to sharpen their work skills.

Internship Offers
No. of Offers

2010	2011	2012	2013

PHILIPS
"Just amazing. This is by far the best campus interview experience I had.", "It was very difficult to reject as everybody is good. We had a tough time."

ERICSSON
"Unique Students with best skills for networked society."

YAHOO!
"AWESOME."

NVIDIA
"Really great. You guys go the extra mile. Appreciate it."

COSMIC circuits
"Students are very open and inquisitive which shows that the institution has done a good job on this front."

FACTSET
"MEC ROCKS!!!"

Companies Offering Internships

B.TECH   B.TECH B.TECH

Electronics and Biomedical Engineering

- First college in India to receive NBA Accreditation for the course.

- The course on the whole is a blend of Computer Science, Electronics and Biomedical Engineering with topics like Digital Signal Processing, Microprocessor Architecture, Medical Imaging Techniques.

- Facilities include labs like Medical Signal Processing lab, Catheterisation lab, Biomedical Projects lab which are funded by TEQIP.

Electronics and Communication Engineering

- Course helps the students to develop skills in the field of Electronics and Communication Engineering.

- Students are trained in subjects like Mechatronics, ASIC, Intelligent Systems, Hardware Modelling.

- Facilities used by the students include Circuit Design Lab, Communication Lab with EDWIN Software and virtual modelling software are available for the students to gain more experience in the field.
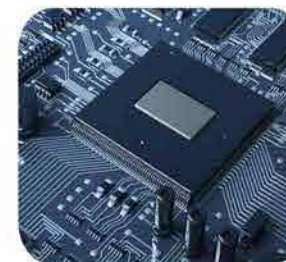
Electrical and Electronics Engineering

- The course has draws from both Electrical and Electronics Engineering concepts.

- Power Systems, VLSI Design, Control Systems, Power Electronics,Computer Communications, High Voltage DC Transmission, C++ are some of the subjects in the syllabus.

- The labs under the department include Machines Lab, Microprocessor Lab, Electrical Engineering Lab which are well equipped with state of the art machines to give exposure to the real industrial standards.

Computer Science and Engineering

- Ranked among the best technical programs in the country.

- Various facilities in the department include labs (Computer centers), systems with CUDA Assistance, LAN and WAN terminals, standard Blade Server.

- Makes the students well versed in subjects like Mobile Computing, Web Commerce, Software Architecture.

M.TECH M.TECH

Electronics with specialization in VLSI and Embedded Systems

- System Chip design, VLSI Circuit Design and Technology, Electronic System Design are the concepts given to the engineers in this course.

- Department consists of labs like High Speed Design lab, VLSI Physical Design lab and Embedded Systems lab.

Mechanical Engineering with specialization in Energy Management

- Subjects of industrial importance are Solar Energy Engineering, Process Reliability Engineering, Energy Conversion Systems.

- Solar Engineering lab and Computational lab are the labs set up under this department.

Electronics with specialization in Signal Processing

- Fundamental subjects on Signal communication like Adaptive Signal Processing, Multidimensional Signal Processing, Artificial Neural Networks form the essence of this course.

- Labs under this department focus on signal processing and image processing techniques.

Computer Science and Engineering with specialization in Image Processing

- Course teaches engineers the core concepts through various topics like Pattern Recognition, Multimedia Systems, Advanced computer Graphics, Medical Image processing.

- Computer Graphics lab and Image Processing lab are some of the labs under this department.

Electronics with specialization in Optoelectronics & Communication Systems

- Modern Research and Industrial subjects like Optical Communication Technology, Laser Optics, Biphotonics, Laser Spectroscopy form the base of this course.

- Labs like Optoelectronics lab give the chance to gain practical knowledge in this emerging field.

Research Programs

- Research done in the fields of both Biomedical and Electronics.

- Some of the projects include FIST project under DST, the Design of a Programmable Implantable Stimulator for Medical Implants under the AICTE with funding over Rs. 77,00,000.

ACHIEVEMENTS

ACHIEVEMENTS

John S Perayil of 2014 batch was awarded the 2nd prize in Hackathon, a national level app development competition conducted by Innoz Technologies, held at Bangalore.

innoz

Sumesh K Sadanandan of 2014 batch was one among the 16 finalists in Nebula '12, a national level circuit design competition conducted by Cosmic Circuits.

COSMIC circuits

The team of Sreelakshmi Nair, Anjana E and Ashwathi V Anil of 2014 batch were one among the 12 finalists for Inscribe 2012, a paper presentation competition by Robert Bosch.

BOSCH Invented for life

MECians have been part of GSoC for the past four years. Narayanan K (2010 bach), Sarath Lakshman (2011 batch), Anurup Raveendran (2011 batch) and Arun Scaria (2012 batch) got selected for this prestigious event.

Korath Paul of 2012 batch was ascribed Zynga's "Emerging Star" award in 2012 .

zynga

Infosys

Livin D Cruz and Vineesh P of 2013 batch bagged the first prize at the state level of Aspirations, 2020, a coding competition organized by Infosys.

Harishankar A, Jaison Varghese and Raveendra G Pai of 2009 batch bagged the first place in the I-Talent, an all India level project presentation contest conducted by the Confederation of Indian Industries (CII) in 2009.

CII

intel

Krishnaswamy from Electronics and Biomedical Engineering branch of 1999 batch was the second highest payee in India among the fresh recruits in Intel Technologies.

Vinitha Suresh of 1993 Batch won the Innovator Asia Award from EDN Asia Magazine.

EDN ASIA

KVPY

Niyaz K Zubair of 2005 batch is a recipient of the special KVPY Award from IISC Bangalore.

Sarath Lakshman of the 2011 batch is the author of 'Shell Scripting Cookbook'. He also holds credit as the developer of SLYNUX, (www.slynux.org) a user friendly GNU/Linux distribution.

Pooja Malpani and Roshan James of 2002 batch bagged Microsoft's Most Valuable Professional award in 2003 and 2004.

Microsoft

TATA CONSULTANCY SERVICES

Minnu Jose (2012 batch) and Neha Mahadevan (2011 batch) were awarded the best outgoing student award by TCS based on academic performance.

Eobin George, Manu Mammen and Sreejith N G of 2011 batch and Sabu George of 2012 batch received IEEE funding worth $1200 for their project on Air Surveillance System and Damage Assessment.

IEEE

NORTEL

Deepak Dutt of 1998 batch won the "Quality Award of Excellence" from Nortel Networks.

Cherian Thomas of 2006 batch was the Yahoo HackDay (2007) awardee for "Social Routing", a Yahoo Maps web application.

YAHOO!

Bibin Mathew, Binu Mathew, Hareesh R, Rajesh R and Sujay S of 1999 batch won the National award for the best B.Tech Project-'98 from ISTE.

Roshan Roy and Sachin Tarakan of 2008 batch bagged the second prize in IEEE National Level Project Demonstration competition for their voice controlled car.

IEEE

Akhil Jayraj, Arun Mathew, Cherian Thomas and Jithesh Nambiar of 2006 batch bagged the first prize in the Lord Of the Code competition organised by IIT Bombay.

Joseph Alphonse Mathew of 2006 batch was part of the team which came first in Maverick, an All India Deloitte event, in the year 2010.

Deloitte.

Awards

ACADEMIC CLUBS

Mixed Signals

- Mixed signals is the coalition of Electronics and Communication Engineering students of the college.
- It strives to promote interest in electronics circuit design among students through seminars, demonstrations and industrial visits.

MACS

- MEC Association of Computer Students is the community of Computer Science and Engineering students of the college.
- It conducts Linux Week annually and also wields coding and programming events in the campus.

EMF

- Electrical Minds Forum is the association of Electrical and Electronics Engineering students of the college.
- It was initiated to promote technical interests in the field of electrical technology.

BMA

- Bio Medical Association was formed by Electronics and Biomedical Engineering students of the college.
- It has successfully organised numerous talks, seminars, conferences, exhibitions and events concerning biomedical engineering.

ASIC

- ASIC (Association of Silicon Innovators for Community) is the association of VLSI and Embedded Systems students.
- It attempts to acuminate the technical skills of the students and supports the student project initiatives in the campus.

OTHER CLUBS

PROFESSIONAL CLUBS

IEEE & WIE

- IEEE & WIE student chapters of the college links the students to the largest professional network of engineers around the world.
- Its activities range from conducting technical symposiums and competitions to organizing industrial visits.

Yi

- Yi Net MEC has been active since its inception and is one among the few colleges privileged to attend national level Yi summits.
- It was adjudged second best Yi Net in India at the Yi summit 2009 held at Hyderabad.

ENTREPRENEURSHIP CLUBS

E-Cell

- E-Cell, the entrepreneurship cell of the college, was started to perpetuate an entrepreneurship culture in the college.
- It aims at fostering the latent entrepreneurship skills in the students and provides guidance to student start-ups.

SOCIAL ACTIVITY CLUBS

NSS & Thanal

- NSS is a student youth service programme which was instated with a vision to promote social consciousness among youth.
- It has successfully conducted campaigns to promote blood donation, health awareness, family welfare and AIDS awareness.

- Thanal is a novel attempt by the students of Govt. Model Engineering College to help the underprivileged in our society.
- The charity group is administered and funded by the staff and students of the college and is undertaking many charitable events.
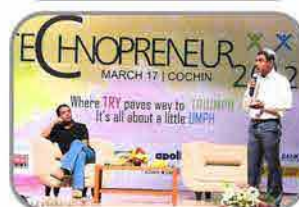
Activities

HIGHLIGHTING EVENTS

excel 2012 — inspire | innovate | engineer

- National level techno-managerial symposium hosted by Govt. Model Engineering College in association with IEEE SB.

- Host to TEDxMEC, an independently organized TED event, and FOSS meet lectures by Richard Stallman and Atul Chitnis.

- IBETO (Innovations for a Better Tomorrow), a venture to enliven the innovative spirit of engineering, was launched as part of Excel 2012 with a prize money of 1 lakh rupees.

HIGHLIGHTING EVENTS

The Illuminati Quiz — in memory of Sandeep Menon

- It is the national level quiz competition of Govt. Model Engineering College and offers a prize money of ₹50,000/-.

- Conducted in memory of late Sandeep Menon, founder of The Illuminati, quiz club of the college.

- The Illuminati has also conducted over 120 intra and inter collegiate quizzing events since its inception in 2006.

- Technopreneur is the techno-managerial summit organised by the Yi-Net chapter of Govt. Model Engineering College.

- Adjudged the best Yi-Net event in 2006 at CII member's summit held in Mumbai.

- Prominent speakers include Mr. Kris Gopalakrishnan (CEO, Infosys), M`r. Suhas Gopinath (then World's Youngest CEO) and Mr. K. Radhakrishnan (Chairman, ISRO).

TECHNOPRENEUR

TWM

- Technical Workshop Marathon is a joint endeavour by IEEE Student Branch and ASIC, the association of M.Tech VLSI and Embedded Systems students of the college.

- A month long event conducted annually to instil knowledge in core areas of different branches of engineering.

- Main topics usually dealt in under the workshops include 8051, PIC, GNU Octave, Ngspice, FPGA, ASIC Design using VLSI CAD Tools, Linux, uClinux, ARM7 processors and PSoC.

SOCIOPRENEUR

- Sociopreneur is the national level social business plan competition hosted by the E-Cell of Govt. Model Engineering College.

- Event hosted by the college with a tagline- "Think Different For A Change", an initiative to motivate the students to do something for a better tomorrow.

- Sociopreneur has drawn many talented participants from cities like Mumbai, Pune, Kolkata, Chennai, Hyderabad, Bangalore, Delhi, Patiala and cities across Kerala.

- The college has been a host to numerous technical workshops and seminars conducted by prominent companies like Cypress Semiconductor, Cosmic Circuits, Samsung, Delphi and Bosch.

- Was chosen to host the Nexus workshop conducted by IIT Bombay and Robosoft systems in 2011.

- Clubs in the college, such as IEEE, WIE, MACS, Mixed Signals, EMF, BMA and ASIC, also take initiative in conducting workshops.

Workshops & Seminars

Activities

ALUMNI

xMEC

Our college has been blessed with an enthusiastic and coactive alumni network. An autonomous body reaching out to the MECians spread around the globe, keeping them updated about the college, Alumni offers better avenues to the students and staff of the college. The achievements of the xMECians manifest examples to the students to achieve goals that seemed unachievable erstwhile. The xMEC network helps the students of the college by mentoring their projects, organizing workshops or career panels, etc. in the name of xMEC4MEC. The Alumni help the students by giving them career guidance and bringing them to meet up with the standards of the industry. They actively participate in the coordination of the benchmark events of the college like Excel, Technopreneur, etc.

MEC Around the World

All values in %

MECian Start-Ups

MECians Shine

- Name: **Jacob Cherian**
- Student of '94 batch
- Current: **Architect-Data Management, Dell**
- Dell 'Inventor of the Year' in 2005.
- Owns 9 patents on RAID technology.

- Name: **Rosh Cherian**
- Student of '96 batch
- Current: **Chief Executive Officer, Cognicor**
- Cognicor won the award for the 'Best Web Start up Company' in the European Union.

- Name: **Shahnavaz Kadavil**
- Student of '99 batch
- Current: **Country Manager-India, Zynga**
- Featured among India's 151 tech heads in the anniversary edition of the Exhibit Edition.

- Name: **Cejo K Lonappan**
- Student of '04 batch
- Current: **Graduate Student Researcher, UCLA**
- Member of team which designed the Real-time image processing hardware design for the world's fastest camera.

ALUMNI

ALUMNI

Catapult Systems · VDO · Alcatel·Lucent · KYOCERA · ST

ThoughtWorks · TERADATA Raising Intelligence · CISCO · SYNOPSYS

बी एच ई एल BHEL · FUJITSU · NOKIA Connecting People · Model N · SAMSUNG · Nokia Siemens Networks

freescale semiconductor · SONY · FLEXTRONICS

NXP · BROADCOM · TEXAS INSTRUMENTS · ANALOG DEVICES

NVIDIA · dextra

MICROCHIP · zynga · COSMIC circuits · CYPRESS PERFORM · AMD

SAP · ARM · QUALCOMM · Google · NeST · ABB

एनटीपीसी NTPC · EMC² · Manhattan Associates · Logitech · ADP · Reliance Industries Limited Growth is Life

JAGUAR · citi · Hamad Medical Corporation مؤسسة حمد الطبية · CHA YO WOO Games · Ordyn · AMERICORPS A

OnMobile · inDSP Audio Technologies · Epic · Medtronic · HLL Lifecare Limited Innovating for Healthy Generations

DELPHI · YODLEE · BOSCH Invented for life · UBS

BSNL Connecting India · TATA TATA CONSULTANCY SERVICES Experience certainty · Extrel Core Mass Spectrometers · एचएएल HAL · इसरो isro · SYNTEL Consider IT Done · BlackBag TECHNOLOGIES

Birlasoft · ARBITRON · Sonus NETWORKS · Cognizant · Fidelity INVESTMENTS

visualIQ Driving Brilliant Cross Channel Performance · Flutura think intelligence, think futura · ARBITRON · VeriFone · AON Hewitt · FICO · TutorVista · INMOBI

cadence · NOMURA · sasken · amdocs

www.mec.ac.in

Disney INTERACTIVE MEDIA GROUP · ANSYS · legrand · subex powering the ROC

vmware · Broadridge · ATMEL · Open·Silicon · ARTIN DYNAMICS

amazon.com · Symantec · ORACLE · CSC

IBM · hp · INFOR · Dell · HUAWEI · NetApp · flipkart.com

Adobe · MOTOROLA · redhat · Microsoft · McAfee

YAHOO! · NATIONAL INSTRUMENTS · intel · Standard Chartered

ERICSSON · GE · PHILIPS · SIEMENS · Honeywell

Roche · GE Healthcare · Johnson-Johnson · REX MEDICAL

Morgan Stanley · FACTSET · S&P CAPITAL IQ · Bloomberg · ELSEVIER

LARSEN & TOUBRO It's all about Imagineering · BAIN & COMPANY · ERNST & YOUNG Quality In Everything We Do

Deutsche Bank · D E Shaw & Co · PayPal · J.P.Morgan

Athersys inc. · UO Mu Sigma · Mindtree · accenture · SuccessFactors Business Execution Software · Consona · accelops · P&G · KPMG · MARVELL

ADITI · Capgemini CONSULTING.TECHNOLOGY.OUTSOURCING · Deloitte. · Kalkitech intelligent energy systems

Ittiam · TELUS · WIPRO Applying Thought · TATA · QBurst · TAVANT TECHNOLOGIES · ORION India Systems Pvt. Ltd.

MPHASIS an HP company · TATA ELXSI LIMITED · LSI · BARCLAYS · CALPINE SOLUTIONS · Infosys

CALLIDUS SOFTWARE · EXOR India Pvt.Ltd. · Gulfsat · LexisNexis · iGATE · JUNIPER NETWORKS · ADITYA BIRLA GROUP

MEC IN SPOTLIGHT

Contact Us

Prof. Dr. V P Devassia
Placement Chairman
Principal
Govt. Model Engineering College

Sandeep Raju Thomas
Student Co-ordinator
Phone: +91 9846600424
E-mail: sandeep.raju@mec.ac.in

Dr. Jayasree V K
Placement Officer
Phone: +91 9846332111
E-mail: pc@mec.ac.in

Arjun Shenoy
Student Co-ordinator
Phone: +91 9995734278
E-mail: arjun.shenoy@mec.ac.in

Govt. Model Engineering College
(Managed by IHRD, a Govt. of Kerala initiative)
Cochin, Kerala, 682021
Ph. no: +91-484 2575592, 2575370, 2577379
Fax: 0484-2577379
Website: www.mec.ac.in
Email: prinicipal@mec.ac.in

Designed by the students of Govt. Model Engineering College