

PROSPECTUS

2020 - 21



MEWAT ENGINEERING COLLEGE

- Constituted By Govt. of Haryana, Under Section 13(1) of The Waqf Act of 1995
- Affiliated to Gurugram University, Govt. of Haryana
- Approved by AICTE, Govt. of India and by DTE, Govt. of Haryana.

HARYANA WAQF BOARD

OUR VISION

Strongly nourished by optimism, diligence, ingenuity and a strong sense of responsibility towards creating purposeful impact in the globe by achieving excellence in technical education, research, innovation and high ideals for a global society.

OUR MISSION

- To identify global needs and areas of specialization based on stakeholders.
- To produce highly motivated scientific Professionals, Entrepreneurs and researchers.
- To provide an innovative, teaching, mechanisms, good human values, requisite skills and competencies for the needs of industry and humanity.
- To encourage collaboration with educational institutes, Industry and reputed research institutes.

OBJECTIVES OF COLLEGE

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- To produce highly skilled, technically trained and globally competitive manpower in emerging areas of technology.
- To provide conducive environment to the faculty, staff and the students where they can pursue their goals.
- To provide state-of-the-art infrastructure - buildings, machinery, equipment and other facilities to enable the students to acquire necessary skills and required level of knowledge.
- To develop appropriate linkages with industry, community and other fellow institutions in India and abroad to fulfil its objective of achieving academic excellence.
- To develop overall personality of students to enable them to achieve success in their future endeavours.
- To inculcate moral, ethical and spiritual values in students for becoming responsible citizens.

OUR CORE VALUES

- Academic integrity and accountability.
- Respecting students as budding engineers and scientists
- embarking on a journey towards innovation and entrepreneurship.
- Appreciation of intellectual excellence and creativity.

MESSAGE FROM CEO

I am extremely delighted to know that **Mewat Engineering College** has successfully completed a decade of its existence. This college laid its humble foundation in the year 2010. It has been established and run by Haryana Waqf Board. This college is a unique initiative of Haryana Waqf Board and only one of its kinds in the country, where the Waqf Board of a state has come forward to set up an institution for providing professionals education with the latest specialized knowledge and skills in the field of engineering and technology. Our institution is committed to impart quality education with good human values, so that the prospective engineers can contribute in diversified fields of science and technology and come forward to serve the nation with technical knowledge, professional skills, practical experience and human values. Besides, our aim is to prepare them future ready to encounter with the challenges of global competitive arena.

Mewat Engineering College (Waqf) has the status of minority institution but it is open to all sections of the society. It aims to impart quality higher technical education primarily to the deprived students belonging to Muslim minority community concentrated in backward area of Mewat region. The College is located 85 km from Delhi and 50 km south of millennium city of Gurgaon. The College has a majestic building having three-lac sq ft super area in the foothills of Aravallis with affordable fee structure. The state of the art infrastructure, well equipped laboratories, world-class faculty and best hostel facilities for both boys and girls are at par with any reputed engineering college of the country.



The college is progressing steadily, and in the last few years, we have constantly been working towards taking this institution even to greater heights. We would like you to consider joining us as the institution of your choice to further your goal of getting a higher professional degree.

I am confident that Mewat Engineering College will go a long way in achieving Board's mission of providing quality higher education to the students belonging to the most deprived sections of the society. I want to realize its dream of emerging as a center of excellence in various fields in both academia and non-academia. For which, I solicit the participation from one and all.

My blessings and best wishes are with the students of this college!

Mohammed Shayin, IAS
CEO, Haryana Waqf Board, Govt. of Haryana

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Prof. Dr. Khwaja M. Rafi
Director

DIRECTOR'S MESSAGE

I welcome you to Mewat Engineering College, a place where we nurture youth and excellence, transform young talented students in to adults with a sense of social responsibility and human values. We strive to train the students to become excellent technocrats, thinkers and entrepreneurs of the society and complete human beings.

I am sure that you would use this opportunity to realize your full potential and bring out the best in you. I am also sure that the excellent academic environment and the opportunity to participate in co-curricular activities will also help you in developing your personality and in your all round development. During your stay at MEC, you will feel energetic in homely atmosphere. I believe that your stay in MEC will be a fulfilling experience.

We need to work even more hard to maintain excellence in teaching & research and to achieve pioneer position in the area of technical education. I strongly believe that the key to success of any college is the dedicated efforts of its each and every stakeholder. I am sure and confident that with the help, support and commitment of our highly qualified faculty members, most supportive administration, dedicated staff members, and highly motivated & enthusiastic students, we shall be able to carve the way in pursuit of our vision and add to the professional development of the state and country.

I wish you all the best!

ABOUT HARYANA WAQF BOARD

The Haryana Waqf Board is the promoting body which was established by the Haryana Government under section 13 (1) of the Waqf Act, 1995 vide its Notification No. 18/2/96-3JJ (I) dated 1.08.2003 with its headquarters at 50, Sardar Patel Marg, Ambala Cantt.

The Board has been actively engaged in various educational and welfare programmes. The Mewat Engineering College was established by the Haryana Waqf Board as one of the institutions for promoting knowledge and learning among Muslim minority community.

Looking into the vast potential of industrial development in the state, the Board took a conscious decision and established Mewat Engineering College in the minority concentrated and educationally backward region of the state to produce skilled and trained manpower in the emerging areas of technology

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ABOUT MEC

With the aim of providing higher and technical education to the Muslim Minority Community, the Haryana Waqf Board in 2010 established Mewat Engineering College in the Mewat district of Haryana with the approval of AICTE. It is a minority educational institution and is open to all communities. The College building is situated in a sprawling campus of about 28 acres in the scenic backdrop of the Aravalli Ranges and is located in Nuh on the Nuh-Pataudi Road about 48 km from Gurugram and 80 km from New Delhi.

A panoramic view of Aravalli welcomes the visitor with its majestic presence along with the ruins of an old fort on top and a historical 600 years old *Dargah* and a Mosque at the foothill. The environment is pollution-free, fresh and healthy and is ideal for learning and intellectual activities.

The college has fully furnished laboratories and workshops with modern equipment, spacious class rooms and state of the art library. The college and the hostel campus is Wi-Fi enabled and has round the clock Power backup. The neighbouring areas and the cities like Gurugram, Delhi etc. are well connected through transport facilities provided by the college. The college has a well-equipped gymnasium and adequate facilities for outdoor and indoor games and sports.

PROGRAMS AT MEC

The MEC runs the following programs under its various department of studies;

- B.Tech. in Mechanical Engineering (60 Seats)
- B.Tech. in Computer Sciences & engineering (60 Seats)
- B.Tech. in Civil Engineering (60 Seats)
- B.Tech. in Electrical & Electronics Engineering (60 Seats)
- B.Tech. in Electronics & Commn. Engineering (30 Seats)
- B.Voc. in Automobile Servicing (30 Seats)
- B.Voc. in Renewable Energy (30 Seats)
- D.Voc. in Automobile Servicing (30 Seats)
- D.Voc. in Software Development (30 Seats)

Members of Haryana Waqf Board



Shri Zakir Hussain,
Advocate (Ex. MLA)



Shri Mamman Khan
Hon'ble MLA



Shri Khurshid Ahmed Khan



Shri Tebar Khan



Smt. Arshi Fatima



Smt. Shamima Majid



Shri Mahboob



Shri Mohd. Akil, IPS
Hon'ble DGP(Crime), Haryana

Executives of the Haryana Waqf Board/Mewat Engineering College.



Shri Mohammad Shayin, IAS
MD, HPGCL & HVPNL, Haryana
Chief Executive Officer, HWB



Shri Imteyaz Khizar
Admn Officer, HWB
Officer In-Charge, MEC



Prof. (Dr.) Khwaja M. Rafi
Director, MEC

ELIGIBILITY CRITERIA

The aspiring candidate should have passed the senior secondary/ intermediate/ 10+2 examination from any recognized Board/University with Physics and Mathematics as compulsory subjects in addition to one of the subjects of chemistry / biotechnology / Biology/ Technical Vocational with minimum of 45% (40% in case of candidate belonging to reserved category) in the qualifying examination as per AICTE regulations. The duration of the B.Tech. programme is 4 years.

Admission through Lateral Entry Scheme into 2nd year of the Programme: Admission in the 2nd year of the Programme (3rd semester) is also allowed for the candidates belonging to the following categories with the conditions as stated below:

- Passed Diploma examination from an AICTE approved Institution; with at least 45% marks (40% for reserved category) in appropriate branch of Engineering / Technology.
- Passed B.Sc. Degree from a recognized University as defined by UGC, with at least 45% marks (40% for reserved category) and passed XII standard with mathematics as a subject.
- Provided that in case of students belonging to B. Sc. Stream, shall clear the subjects of Engineering Graphics/Engineering Drawing and Engineering Mechanics of the first year Engineering program along with the second year subjects.
- Provided further that, the students belonging to B.Sc. Stream shall be considered only after filling the supernumerary seats in this category with students belonging to the Diploma stream.
- Provided further that students, who have passed Diploma in Engineering & Technology from an AICTE approved Institution or B.Sc. Degree from a recognized University as defined by UGC, shall also be eligible for admission to the first year Engineering Degree courses subject to vacancies in the first year class in case the vacancies at lateral entry are exhausted. However, the admissions shall be based strictly on the eligibility criteria as mentioned in A, B, D, and E above.

Lateral Entry

Candidate should have passed Diploma in Engineering/ Technology course of 3 years duration or more (after 10th class) or 2 years (after 10+2) from Haryana Board of Technical Education or its equivalent with at least 45% marks in aggregate OR should have passed B.Sc. Degree of minimum three year duration from a recognized university with mathematics as a subject, with 45% marks in aggregate.

ADMISSION PROCESS

Admissions in I-semester of B.Tech. programme shall be offered on the basis of the inter-se merit of JEE (Mains) 2020. In case of vacancies arising due to any reason, eligible candidates who fulfil minimum qualifications, shall also be considered for admission on merit.

The Mewat Engineering College follows the guidelines of the State Government (unaided minority institutions) as given below:

LEET - 2020 Conducted by HSCS. Admission for Muslim minority and management quota categories shall be made on the basis of inter-se merit of percentage of qualifying examination of Diploma in Engineering/ Technology course or B.Sc. degree of minimum three year duration from a recognized university with mathematics as a subject.

- 15% seats in each course are filled at the discretion of the management from all over the country including NRIs.
- 42.5% seats are filled by candidates from the Muslim Minority community on merit.
- 42.5% seats are filled up by counselling on the basis of JEE examination by candidates from Haryana on merit open general and reserved category in the ratio as specified.

Admission to 2nd Year B.Tech. (Lateral Entry)

Admission through lateral entry (20% seats of sanctioned intake of 2018-19 in all the branches in addition to the unfilled seats of 2018-19) shall be made on the basis of the inter-se merit of Online Entrance Test - OLET.

FEE STRUCTURE

The Board of Governors of the college has kept the lowest possible fee for the engineering courses for the benefit of minority and other poor students.

Tuition Fee	₹20,000
Exam Fee (Summer Semester)	₹2,000
Exam Fee (Winter Semester)	₹2,000
Development Fund	₹5,000
Registration (Both Semesters)	₹3,000
Magazines and Journals	₹1,000
Internet Charges	₹1,000
Sports & Cultural Activities, Medical First Aid	₹2,000
Training & Placement, Extension Lectures	₹3,000
Subject Association	₹500
Total	₹39,500

B.Voc Fee: ₹11,500/- per yr | D.Voc Fee: ₹9,500/- per yr
One time refundable caution money of ₹2,000/- has to be deposited at the time of admission in First Year only.

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DEPARTMENT OF CIVIL ENGINEERING

The Civil Engineering Department was started in 2011-12. The Department covers almost all areas in Civil Engineering such as Design, Construction, Maintenance of the physical and naturally built environment, including works like bridge, roads, canals, dams, buildings etc. It is traditionally divided into several sub-disciplines: Environmental Engineering; Geothermal Engineering; Structural Engineering; Municipal or Urban Engineering; Water Resources Engineering; Surveying and Construction Engineering. Following are the labs in the Civil Engineering Department.

Mr. Kaushar Hussain HOD



Mr. Hussain is working as an Assistant Professor in the Department of Civil Engineering of MEC. He had joined the college on 30th March 2012. He has a B.Tech. degree in Civil Engineering from Jamia Millia Islamia, New Delhi, in 2007. He has experienced design of buildings by software STAAD.PRO, STRAP, ETABS as a Design Engineer, in BMSF Design Consultancy, New Delhi. He qualified GATE 2009 examination and then completed M.E. in Water Resources & Hydraulic Engineering from School of Water Resources Engineering, Jadavpur University in 2011.

He has participated in projects related to water resources & environment undertaken by National Afforestation & Eco-development Board, Regional Centre, Jadavpur University, Kolkata.

Other Faculty

- Mr. Nadeem Ahmad Khan**, B.Tech., M.Tech., Ph.D. (P), Assistant Professor
- Mr. Vinesh Bishnoi**, B.Tech., M.Tech. Ph.D. (P), Assistant Professor
- Mr. Gaurav Parashar**, B.Tech., M.Tech., Ph.D. (P), Assistant Professor
- Mr. Nasim Khan**, B.Tech., M.Tech., Assistant Professor
- Mr. Syed Emaduddin Ahmed**, B.Tech., M.Tech., Ph.D. (P), Assistant Professor
- Mr. Tofeeq Aalam**, B.Tech., M.Tech., Ph.D. (P), Assistant Professor

- Labs
- Drawing Lab
 - Auto Cad Lab
 - Geotechnology Lab
 - Building Drawing
 - Structure Analysis Lab –I
 - Fluid Mechanics Lab-I
 - Surveying Lab-I
 - Structure Analysis Lab –II
 - Fluid Mechanics Lab-II
 - Surveying Lab-II
 - Concrete Lab Irrigation
 - Soil Mechanics Lab
 - Transportation Lab-I
 - Transportation Lab-II
 - Engineering Geology Lab
 - Environmental Engineering Lab
 - Institutional Project Work Lab
 - Design of Steel Structure Drawing. Lab



DEPARTMENT OF COMPUTER SCIENCES AND ENGINEERING

The Computer Science & Engineering Department is well equipped with latest hardware and software in order to provide students with a great deal of hands-on exposure in software designing, coding, testing, deployments and overall programming capabilities. Funds are being made available to CSE Department to upgrade hardware and software facilities to create best-in-class infrastructure and provide access to every student to train them for industry readiness and top placements. All labs are fully air conditioned.

The department organizes additional out of syllabus activities like seminars, group discussions, technical debates on current trends in the field of Computer Science and Engineering. The department currently has Computer Labs with latest hardware and software configuration for students. Labs have state-of-the-art facilities and infrastructure. CSE Department provides internet facility to students, faculty and other staff members of the College. Internet lab is used for web surfing and for acquiring useful information for academic pursuits.

Dr. Sudhir Dawra HOD

Prof. (Dr.) Sudhir Dawra has obtained Ph.D. (Computer Engineering) from Jamia Millia Islamia, New Delhi in 2007. Presently, he is working as a Professor & HOD in Deptt of Computer Science & Engineering at MEC. He is providing consultancy in MIS, Software Engineering, MANET, Wireless Communication and in its allied areas. His Current research areas are E-Commerce, ERP, MANET, MIS, NLP, Computer Networking and Software Engineering. He has developed many projects as a Senior Analyst in Software Projects Life Cycle. A few corporate with whom he has worked are Indian Oil Corporation, Tokas Travels, Chandra Enterprises, WEC-IMC and NTPC.

He is an active member of various computer societies, Board of Governors, Research Advisory Board for various international organizations. He has prepared and implemented course curriculum in various institutions of repute. His papers have been published in various SCI, Scopus, IEEE, ACM and Elsevier journals and conferences of repute. He has recorded, and edited many electronic lectures as per UGC/AICTE norms for the benefit of students.

Other Faculty

- Mr. Aakib Jawed Khan**, B.Tech., M.Tech., Ph.D. (P), Assistant Professor
- Mr. Mohd. Shahid**, B.Tech., M.Tech. Ph.D. (P), Assistant Professor
- Mr. Shahnawaz Ahmad**, B.Tech., M.Tech., Ph.D. (P), Assistant Professor
- Dr. Sher Jung Khan**, B.Tech., M.Tech., Ph.D. Assistant Professor
- Mr. Raju**, B.Tech., M.Tech., Ph.D. (P), Assistant Professor
- Ms. Sabnam**, B.Tech., M.Tech., Assistant Professor
- Ms. Neeti Malik**, B.Tech., M.Tech., Assistant Professor
- Mr. Azaz Khan**, B.Tech., M.Tech., Assistant Professor



- Labs
- Programming in C Lab
 - Python Programming Lab
 - Operating System Lab
 - OOPs Lab Using C++
 - Web Technologies Lab
 - Web Development Lab
 - Core/Advance Java Lab
 - Computer Graphics Lab
 - Intelligent Systems Lab
 - Computer Network Lab
 - Visual Programming Lab
 - Compiler Design Lab
 - Institutional Project Lab
 - Multimedia Technologies Lab
 - Data Structures & Algorithms Lab
 - Database Management Systems Lab
 - Neural Networks Lab (Using MATLAB)

DEPARTMENT OF ELECTRICAL & ELECTRONICS ENGINEERING

The Electrical and Electronics Engineering Department has qualified faculty having research and teaching experience. The EEE Department has modern laboratories to make students aware of recent developments in the field and also enable them to compete in job market.

Students are trained using laboratory facilities in the areas of electricity generation, transmission, distribution and control and also in design and manufacturing activities. A number of the lab experiments are kit based. The labs are well equipped with quality machinery and manned by experienced technical and lab assistants and capable of meeting the requirements and challenges faced by students.

Dr. Tazeem Ahmad Khan HOD



Dr. Tazeem Ahmad Khan is working as an Associate Professor & Head of Department Electrical and Electronics Engineering, Mewat Engineering College, Haryana Waqf Board, Government of Haryana, Palla, District Nuh, Mewat, Haryana-122107, India. He obtained Ph.D. (Electronics and Communication Engineering) from Department of Electronics and Communication Engineering, Faculty of Engineering and Technology, Jamia Millia Islamia, New Delhi and M. Tech from Aligarh Muslim University. He has more than 16 years of teaching experience at UG & PG level. He has published 51 research papers in various International and National journals. He has presented 25 papers in international and national conferences. He has more than 50 papers in international and national conference proceedings. He has supervised

more than 40 M. Tech Thesis.

Other Faculty

- Mr. Shamshad Ali, B.Tech., M.Tech. Ph.D. (P), Assistant Professor
- Dr. Mohd. Faraz Ahmad, B.Tech., M.Tech., Ph.D., Assistant Professor
- Mr. Kamaluddin Khan, B.Tech., M.Tech., Assistant Professor
- Mr. Mohd Umar Khan, B.Tech., M.Tech., Assistant Professor
- Dr. Mohammad Junaid Khan, B.Tech., M.Tech., Ph.D., Assistant Professor
- Ms. Shahina Bano, B.Tech., M.Tech., Assistant Professor
- Dr. Shyam Sunder Kaushik, B.Tech., M.Tech., Ph.D., Assistant Professor

- Labs
- Electrical Technology Lab
 - Electrical Machines-I Lab
 - Electrical Machine-II Lab
 - Electrical Measurement and Instrumentation Lab
 - Electrical Workshop Lab
 - Power Electronics Lab
 - Power Systems Lab
 - Control Systems Engineering Lab
 - Network Theory Lab
 - PLCS & SCADA Lab
 - Computer Aided Electrical M/c Design Lab



DEPARTMENT OF MECHANICAL ENGINEERING

The Mechanical Engineering Department is one of the important departments of MEC. It has state-of-the-art infrastructure and best facilities. It has qualified and dedicated faculty, with academic as well as industrial experience.

Dr. Vineet Jain HOD

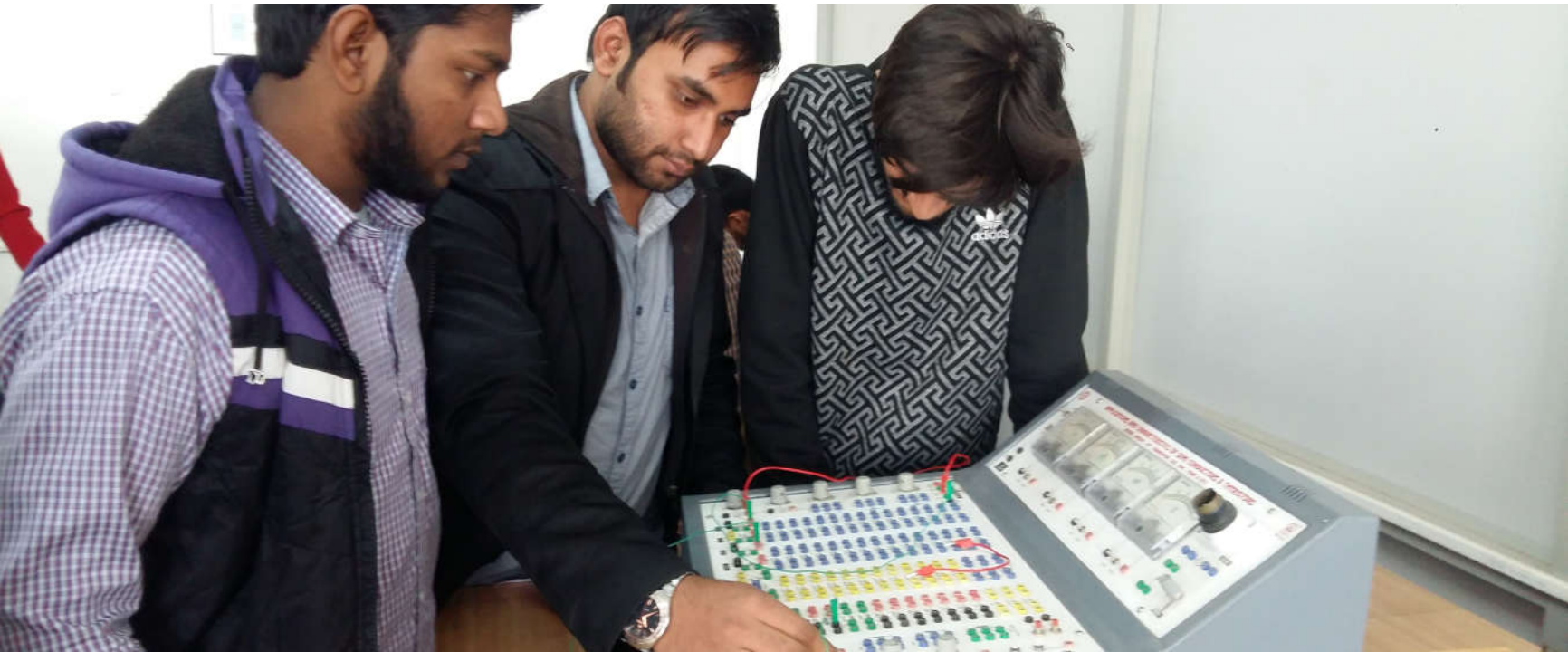
Dr Vineet Jain is working at MEC as a Professor & HOD in the Deptt. of Mechanical Engineering. He received his Ph.D. in Mechanical Engineering from YMCA University of Science and Technology, Faridabad, India. He completed his B.E Mechanical with honours from N.I.T. Kurukshetra and M. Tech (Manufacturing and Automation) with honours from the YMCA Institute of Engineering, Faridabad. His areas of interest are manufacturing technology, operation research and decision making with expertise in ISM, GTMA, EFA, CFA, SPSS, AMOS, ANFIS, GA, TLBO and MADM, like AHP, TOPSIS, VIKOR, PROMETHEE, MOORA,PSI, CMBA, ELECTRE, WEDBA etc. He possesses more than 21 years' experience in teaching and industry. He has written three books published by Dhanpat Rai Publication New Delhi and published 28 papers in international journals of repute. He has presented papers in international and national conferences. He is member of Editorial Board for International Journal of Data and Network Science. Reviewer of 26 International Journals, Technical Program Committee Member of 25 International Conferences which were held abroad.

Other Faculty

- Mr. Mohammad Farish, B.Tech., M.Tech., Ph.D. (P), Assistant Professor
- Mr. Nazim Ali Khan, B.Tech., M.Tech. Ph.D. (P), Assistant Professor
- Mr. Ayaz Mehmood, B.Tech., M.Tech., Assistant Professor
- Dr. Gaurav Aggarwal, B.Tech., M.Tech., Ph.D., Assistant Professor
- Mr. Adnan Akhlaq, B.Tech., M.Tech., Ph.D. (P), Assistant Professor
- Mr. Mohd. Iqbal, B.Tech., M.Tech., Ph.D. (P), Assistant Professor
- Mr. Wasim Akram, B.Tech., M.Tech., Ph.D. (P), Assistant Professor
- Ms. Sultana, B.Tech., M.Tech., Assistant Professor
- Mr. Mohsin Khan, B.Tech., M.Tech., Ph.D. (P), Assistant Professor



- Labs
- Basic of Mechanical Engineering
 - Engineering Graphics & Drawing
 - Workshop Technology
 - Computer Aided Design Lab
 - Engineering Mechanics Lab
 - Manufacturing Technology
 - Machine Drawing
 - Automobile Engineering Lab
 - Strength of Materials Lab
 - Measurement & Instrumentation Lab
 - ICE & Gas Turbines Lab
 - Fluid Mechanics Lab
 - Steam & Power Generation Lab
 - Dynamics of Mechanics Lab
 - Materials Science Lab
 - Advanced CAD/CAM Lab
 - Kinematics of Machine Lab
 - Applied Numerical Technique & Computing
 - Heat Transfer Lab
 - Refrigeration & Air- Conditioning Lab



DEPARTMENT OF ELECTRONICS & COMMUNICATION ENGG.

The teaching and learning processes in Electronics and Communication Engineering Department (ECE) have been designed in a way that helps students get placement in leading telecom, electronics design, equipment manufacturing and IT companies and jobs in other sectors like education sector and different public sector organizations. The department has well qualified and experienced faculty. The labs house quality equipment along with the Software like MatLab, PSPICE, XILINX with microprocessor kits for real time applications. FPGA, CPLD are used by the students of this department to keep them abreast with the market.

The strength of the department lies in its state-of-the-art and well equipped Labs. Labs are quite spacious and a number of students perform experiments at one time. Every lab has Instruction manuals for every experiment the students perform and are regularly revised.

Dr. Shaheen Khan HOD



Dr. Shaheen Khan is a Sr. Assistant Professor at MEC. He joined the college in 2010 and currently heads the Department of ECE. He did his B. Tech. in Electronics & Communication Engineering from the Institute of Technology and Management (ITM) University, Gurgaon in 2001 and M. Tech. in 2006. He has received his Doctorate from Jamia Millia Islamia, New Delhi. He had worked in Hewitt Associates (India) Pvt. Ltd. (a US based MNC located in Gurgaon) during 2005 - 2010. Mr. Shaheen participated in the setting up of the technology platform for various clients on Pensions and Health Domain. He played important role in establishing of the labs of the Department. He worked in the UK (Hemel Hampstead) for six months on work permit. He is having total 19 years of experience in industry as well as academics. He is the life member of IETE.

Other Faculty

- Mr. Naseem Ahmed**, B.Tech., M.Tech., Ph.D. (P), Assistant Professor
- Mr. Adil Zaidi**, B.Tech., M.Tech. , Assistant Professor
- Ms. Shibli**, B.Tech., M.Tech., Assistant Professor
- Mr. Irshad**, B.Tech., M.Tech., Ph.D. (P), Assistant Professor (Guest Faculty)
- Mr. Azem Zaidi**, B.Tech., M.Tech., Assistant Professor (Guest Faculty)



- Labs
- Basics of Electronics Lab
 - Microprocessors and Interfacing Lab
 - Digital Electronics Lab
 - Radar Engineering Lab
 - PCB and Electronic Workshop Lab
 - Digital System Design Lab
 - Analog Electronics Lab
 - VLSI Lab
 - Digital Electronics Lab
 - Microcontroller & Embedded System Lab
 - Communications System Lab
 - Wireless & Satellite Communication Lab
 - Principal of Communications Lab
 - Data Communication Lab
 - Analog Electronic Circuits Lab
 - Digital Signal Processing Lab
 - Electronic Measurement & Instrumentation Lab
 - Microcontroller and Embedded System Lab
 - Project Lab



DEPARTMENT OF APPLIED SCIENCES & HUMANITIES

The department is progressing with a vision for developing efficient and technically sound students to outperform in their career worldwide. Our mission is to educate students, with individual attention, provide world-class quality education and take care of character building. The excellent education system provided by the department is aimed at making a distinctive and positive impact on the students and the society.

The department has a team of dynamic, young and dedicated staff and research scholars, with specialization in wide areas of subjects and research work.



Dr. Ladlay Khan HOD

Dr. Ladlay Khan is an Associate Professor in Mathematics, joined the College in 2010. He is M.Sc. and M. Phil in Mathematics from Aligarh Muslim University and has completed his Ph.D. from AMU in 2005. Dr. Khan started his teaching career from Aligarh Muslim University in 2005. He worked as a Lecturer in the Department of Applied Sciences and Humanities, AL-Falah School of Engineering & Technology, Faridabad from 2006 to 2007. He had also worked as an Assistant Professor in the Department of Applied Sciences and Humanities, Dronacharya College of Engineering, Greater Noida from 2007 to 2009 and Associate Professor from 2009 to 2010.

Other Faculty

- Dr. Kaleem Ahmad Quraishi**, B.Sc., M.Sc., Ph.D., Associate Professor
- Dr. Mohammad Chaman**, B.Sc., M.Sc., Ph.D. Associate Professor
- Mrs. Afzal Fatima**, BA., MA., M.Phil., Ph.D. (P), Assistant Professor
- Dr. Khalid Hussain**, B.Sc., M.Sc., Ph.D., Associate Professor



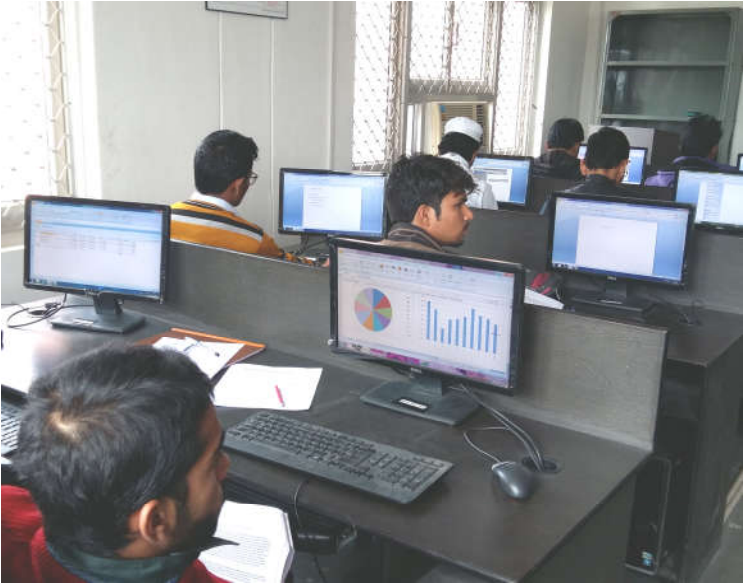
- Labs
- Physics Lab**
The Physics Lab is well equipped and houses sophisticated equipment for conducting experiments in Physics. The lab has a separate dark room for experiments in optics. Laboratory manuals are provided to students before the practical, are conducted.
- Chemistry Lab**
The Mewat Engineering College has a well equipped Applied Chemistry Lab which help the students in getting hands on experience of the theoretical concepts that they learn in classroom thus making them more adept to the concepts.
- English Language Lab**
In the modern world of information technology and global competition, expressing oneself effectively has become crucially important. Effective communication in English can, initially, help students get their dream job and later to achieve their goals in future. The objective of the Language Lab is to impart soft skills and language training to our students. Communication skill enhances their personality and enable them to communicate with confidence in English

COMPUTER CENTER

The Computer Centre of the Mewat Engineering College is fully air-conditioned and well equipped with the latest configuration computer systems. There are seventy computers in the computer centre for students to make full use of the facility and train themselves in modern computer applications and development.

In addition, the computer centre also provides practical experience in hardware, software and networking by working on several computers and peripherals.

A variety of special purpose peripheral devices like Scanner, Laser Jet Printers, etc. are also available. Software library is provided to familiarize students with latest software and hardware technologies. The internet connectivity has been provided at each node.



CENTRAL LIBRARY

The College Library supports learning, teaching, and research activities. The transactions are software driven, automatic and web-based. The library is well-equipped and air-conditioned having more than 25,000 volumes. It has a rich collection of a wide range of text books, reference books, journals, magazines and non-print materials on various disciplines and different topics.

The library is comprised of different sections: Reading Section, Circulation Section, Periodical Section, Digital Section etc.

It also provides facility for "Online Public Access Catalogue (OPAC)", giving information about library reading materials. Students, faculty members and other staff of the college are entitled to the library facilities. The library provides open access system for accessing books directly from the shelves by the users.



LIBRARY DIGITIZATION

The library uses Libware software package which is an integrated multi-user library management system that supports all in-house operations of the library.

The Libware consists of modules on acquisition, cataloguing, circulation, serials, article indexing and OPAC. The database of books in the library is updated on day to day basis with details of recently acquired books. Records of all the library patrons have also been created in the Libware package.



TRANSPORT FACILITIES

Mewat Engineering College runs its own buses. The College has agreement with the Haryana Roadways for running exclusive buses for the College on various routes. At present a number of buses of Haryana Roadways are providing service to the MECW students. College provides connectivity from key places like Punhana, Taoru, and HUDA City Centre Metro Station (Gurugram) on reasonable rates. Students using these facilities pay fee along with the College Semester fee.

Note:

- 50% Concession in transportation charges.
- The transportation charges are as per Haryana roadways norms (per KM)
- Bus facility may be provided on new routes if required.

ROUTE NO.3 (MEC To Sikrawa via Hathin)

Sikrawa
Utawar
Rupraka
Hathin
Mathepur
Sudaka
Adbar

ROUTE NO.4 (MEC To Gurugram)

Gurugram
Bhondsi
Sohna
Rewasan
Ghasera
Salamba
F.P. Namak

ROUTE NO.1 (MEC To Tauru/Mohammadpur Aheer)

Mohammadpur Aheer
Hasanpur
Bhajlaka
Charoda
Seelkho

ROUTE NO.2 (MEC To Punhana Via Badkali)

Indana
Singar
Punhana
Chandanki
Chowkha
Pinagwan
Maroda
Badakli
Gohana

HOSTELS IN MEC

The hostel building is in the College premises. Hostel accommodation is provided to resident students on the basis of availability and need. Construction of new building for girls' hostel and boys' hostel is in progress within the College campus. The hostel building is Wi-Fi enabled and has a recreation room, a gymnasium and a mosque.

Hostel Charges are as under:

- a. Hostel Charges: ₹14,000/- per year.
- b. Food Charges: ₹26,000/- per year
- c. Caution money: ₹2,000/- one time (refundable).



MEC CAFETERIA

College has a canteen on the campus for students and staff. Hygienic and tasty breakfast, snacks and lunch is served at reasonable rates during working hours.



LIFE AT MEC

Complying with the age-old saying: 'A Healthy mind resides in a Healthy Body', the College has a professionally managed gymnasium providing modern equipment required for gymnastics and other physical exercises such as: high rate pulley with rowing; pecfly; hack squat; dumbbells; a number of benches and various other gym equipment.

Students use the facility for maintaining a good physique and sound health. The Gymnasium is available for regular use for resident as well as non-resident students.



FINANCIAL INCENTIVES AND SCHOLARSHIP SCHEMES

Students of MEC are entitled to receive a number of scholarships from different organizations. Presently about 70% of students pursuing B.Tech. at the college receive scholarship. A list of such scholarships is provided below. Candidates may note that the award of scholarship is on the basis of merit of a student and his performance in engineering examinations including attendance.

Haryana Waqf Board Scholarships/ Fee Concession

Haryana Waqf Board provides Scholarships to the meritorious students from modest background of Mewat Engineering College. The detail of Scholarship is as follows:

S. No.	Type of Scholarship	Eligibility	Benefit
1.	Dr. APJ Abdul Kalam Scholarship	Boys having at least 80% marks and girls having 70% in the qualifying examination	100% discount in tuition fee
2.	Dr. A. R Kidwai Scholarship	Boys having at least 70% marks and girls having 60% in the qualifying examination	50% discount in tuition fee
3.	Scholarship for differently abled students	Physically challenged Certificate from competent Authority	More than 50% physically challenged then 100% discount in tuition fee. Between 25% to 50% physically challenged then 50% discount in tuition fee.
4.	Dr. Abdul Mubeen Scholarship	Parent-less students (One or both)	100% discount in tuition fee. (max. 10 students as decided by Governing board MEC).
	Abdul Hayie Scholarship	Very poor student	100% discount in tuition fee. (max. 05 students as decided by Governing board MEC).
6.	Single girl child Scholarship	Only girl child of parent	100% discount in tuition fee. (max. 05 students as decided by Governing board MEC).
7.	Star of Mewat Scholarship	First three PCM toppers of Nuh District	100% discount in tuition fee

OTHER SCHOLARSHIPS

Merit cum Means Scholarship

The scheme is implemented through the national scholarship portal (NSP), it is mandatory for all students to apply online on the websites i.e. www.scholarships.gov.in for Merit cum means Scholarship (MOMA), Fresh and Renewal for their current academic year from the first of week of July to 31 October.

This scholarship will award ₹25,000 to day scholars and ₹30,000 to the hostellers who have secured not less than 50% marks on equivalent grade in the previous final examination and the annual income of whose parents/ guardians from all sources does not exceed ₹2.50 lakh.

National Handicapped Finance and Development Corporation

The Department of Disability Affairs, Ministry of Social Justice and Empowerment, Govt. of Haryana awards scholarship to differently abled students at the extent of ₹31,000/- per annum for the whole duration of the programme. A number of students of MEC benefit from this scholarship each year.

Pragati Scholarship for Girls

Pragati is an MHRD Scholarship Scheme being implemented by AICTE for girl students only. Total 4,000 girl students will be awarded to ₹30,000 as tuition free reimbursement and other benefits.

Saksham scholarship for Physically Challenged Students

This scholarship scheme is an initiative of the MHRD, Govt. of India and implemented by the AICTE. This scheme is meant for students with disabilities pursuing technical education. The level of disability should be less than 40%.

Post Matric Scholarship to the Schedule Caste Students for Studies in India PMS-SC

These scholarships are awarded to the scheduled caste students pursuing technical degree course by the Govt. of State / Union Territory to which the applicant actually belongs i.e. permanently settled or domiciled.

Post Matric Scholarship Scheme for OBC Students

Under the SC/BC Haryana (Welfare schemes) the students belonging to the OBC group are awarded scholarship under the Govt. of India's post Matric and Post- Graduate classes.

MET-SEED Scholarship and IsDB Loan

MET invites application for scholarship cum loan from students who pass +2 exam or previous year at least 60% marks and willing to take up admission in engineering. Only shortlisted candidates would be contacted for interview/selection. They also invite for loan of Islamic Development Bank. The forms may be downloaded from their website www.metdelhi.org

M3M Foundation Scholarship

M3M Group working towards bringing an equitable development that helps in attaining a brighter India. Students can apply online for this scholarship.

Indian Oil Corporation Scholarship

Every academic year, Indian Oil Corporation Limited which is India's largest commercial enterprise, is awarding 2600 scholarships to meritorious students from all over India, under the Indian Oil Scholarships Scheme. The scheme provides attractive scholarships to the bright first year students of Engineering, MBBS, MBA and other courses the candidates for which are selected on 'merit-cum-means' basis.



PLACEMENTS AT MEC

Mewat Engineering College provides innovative and career-oriented academic environment. The placement cell is equipped with appropriate infrastructure to execute the placement process. Arrangements of pre-placement talks, written tests, group discussion, interview etc. are handled by staff at the TPO office in coordination with the respective departments.

The Placement Cell constantly strives towards bridging the gap that exists between industry and academia. It provides necessary guidelines to students for them to decide their career paths by way of counselling, guiding, motivating and mentoring. Training and Placement Officer of Mewat Engineering College has written a booklet on "Placement Strategies for Engineering Students", especially, for the benefit of college students.

COLLABORATION WITH INDUSTRY

SOLAR Lab: The MEC started a Centre for Smart Solar Energy in collaboration with SUKAM Power Limited. It has got capacity of 5 kW. It will cater to the students of different streams to carry out their project work in the area of renewable energy.

Waqf Management System of India (WAMSI): The MEC has started the GIS mapping of Haryana Waqf properties for digitization of records.

HONDA Two Wheeler Ltd: The MEC established an Automobile Engineering Lab in collaboration with HONDA.

Pradhan Mantri Kaushal Vikas Yojana (PMKVY): The MEC has started the Courses with Collaboration of Ministry of Skill Development and Entrepreneurship & NSDC to train the people of Mewat region.

RECRUITERS AT MEC



INDUSTRIAL AND EDUCATIONAL TOURS

Industrial visit has its own importance in a career of a student who is pursuing a professional degree. It is considered as a part of college curriculum. Objectives of industrial visit are to provide students an insight regarding internal working of companies. We know, theoretical knowledge is not enough for making a good professional career. With an aim to go beyond academics, industrial visits provide students a practical perspective on the world of work. It provides students with an opportunity to learn practically through interaction, working methods and employment practices. It gives them exposure to current work practices as opposed to possibly theoretical knowledge being taught at college. Industrial visits provide an excellent opportunity to interact with industries and know more about industrial environment. Industrial visits are arranged by colleges to students with an objective of providing students functional opportunity in different sectors like IT, Manufacturing and services, finance and marketing. Industrial visit helps to combine theoretical knowledge with industrial knowledge. Industrial realities are opened to the students through industrial visits.



WORKSHOPS AND SEMINARS



EVENTS AT MEC



मेवात की बेटियों अब पढ़ सकेंगी इंजीनियरिंग

मेवात। हरियाणा वक्फ बोर्ड के करीब दस करोड़ की विकास के लिए तालीम लागत से तैयार होगा जरूरी : हनीफ कुरैशी कॉलेज का छात्रावास

जहरम संवाददाता, मैडर : हरियाणा वक्फ बोर्ड के अध्यक्ष डॉ. हनीफ कुरैशी ने मेवात में इंजीनियरिंग कॉलेज का छात्रावास बनाने के लिए 25 से लेकर 30 हजार सालाना की छत्रवृति भी मुहैया कराई है।

मेवात में प्रतिभाओं की कोई कमी नहीं, जरूरत है उन्हें तराशने की : डॉ. हनीफ कुरैशी



‘योजनाबद्ध तरीके से पढ़ेंगे तो जरूर मिलेगी सफलता’



मेवात इंजीनियरिंग कॉलेज में हुआ कैम्पस सेलेक्शन



जीवन के विकास में पर्यावरण की अहम भूमिका : डा. हनीफ कुरैशी

इंजीनियरिंग कॉलेज के 61 छात्रों का हुआ कैम्पस सेलेक्शन



मेवात के छात्रों के लिए कई परियोजनाओं पर काम कर रहे हैं डा. हनीफ कुरैशी

डॉ. हनीफ कुरैशी ने लगाया निःशुल्क मेडिकल कैम्प



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Managed By
Haryana Waqf Board
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