



UNIVERSITY OF ENGINEERING AND TECHNOLOGY, MARDAN

TUITION FEE EXEMPTION FOR OPEN MERIT STUDENTS: FALL 2020 INTAKE

The fee structure of self-sustained changed to open merit, no tuition fee will be taken from open merit students of fall 2020.

CIVIL AND MECHANICAL ENGINEERING??

The newly established building is few steps away from introducing civil and mechanical technologies in UET Mardan.

NEWSLETTER

ISSUE 01 | MAY 2021

NO DELAYS IN EXAMS AMID COVID-19

HEC facilitated UET Mardan with office 365 services and it has made spring 2021 midterm examination possible.

UETIANS WENT OUTDOOR FOR TREE PLANTATION

Students from all departments participated in making Mardan green.

ICT IGNITE FUNDED STUDENT PROJECT LIST

UET Mardan bags funds for 13 students FYPs.

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TREE PLANTATION ACTIVITY BY UET MARDAN AT CHAMTAR (BUS TERMINAL)



In the supervision of Dr. Sadaqat Jan, Dean Faculty of Engineering and Computing and Dr. Tafteeq, Director Clubs, the University of engineering and technology Mardan had an outstanding outdoor activity of Tree Plantation at Chamtar (Bus Terminal) Mardan on March 17, 2021. The activity included awareness speech, awareness-walk and tree plantation on a 20 Kanal land that was covered with 800 tree plants.

The awareness and tree plantation drive started at 3:00PM with cognizance speech on the benefit of greenery and forestation which was followed by an Awareness Walk whereas the students of UET Mardan were commuted under Covid-19 SOPs for reaching the destined site.

On this occasion, the chief guests Commissioner Mardan Division, Mr. Muntazir Khan and Prof. Dr. Shahid Khattak, Vice Chancellor, UET Mardan, thanked the District Forest Officer, Mr. Shah Hussain, Tehsil Municipal Officer TMA Mardan Mr. Sarfaraz Khan, Invitees from Mardan Press Club, faculty, organizers and student participants of UET Mardan, for carrying out this full-of-efforts activity and lending precious time from their busy schedule.

The Tree plantation activity is a part of

Prime Minister Imran Khan's Vision of 10 Billion Tree forestation in Pakistan. Clarifying that UET Mardan has been carrying out such environment friendly activities from many years in the past and its Environment, Health and Safety Committee (EHS) is adding its part in making UET Mardan and District Mardan a nature friendly place.

CHANGING OF FEE STRUCTURE FOR FALL 2020 INTAKE

On the recommendation of 5th academic council, Vice Chancellor has notified the change the free structure of Fall 2020 intake. Now the new fee structure will be as under;

1. Open Merit changed to Open Merit (Tuition Fee waved).
2. Self Sustained changed to Open Merit.



Fall 2020

FIFTH (5TH) IAB MEETING, DEPTT: OF COMPUTER SOFTWARE ENGINEERING

Fifth (5th) meeting of the Industrial Advisory Board (IAB), Department of Computer Software Engineering was held on Tuesday 9th March, 2021 at 12 PM in the conference hall of University of Engineering and Technology, Mardan under the convenorship of Prof. Dr. Ibrar Ali Shah, Chairman of the Department.

The IAB discussed different aspects of the current program and recommended revisions in core as well as elective courses of the existing Curriculum in view of the new trends in Software Engineering and industry demand. Efforts being made by the Department for students' internship placement and industry based final year projects were shared with the Board. The Board emphasized on further strengthening the academia-industry linkages and suggested mechanism for supervised internships of the students. Mapping of Program's Educational Objectives to Program's Learning Outcomes, revision in the graduating survey/Internship forms and clarification related to Continual Quality Improvement (CQI) for the BSc. Computer Software Engineering Program were also discussed in the meeting. The meeting was attended by Engr. Shakir Ali, System Engineer, 10UP, Engr. Asad Iqbal, CEO, Hiwas Technologies, Engr. Saleem Ullah, CEO, Red Stonz Technologies, Peshawar, representatives from Bloggers' Academy, Peshawar, Dr. Nasru Minallah, Associate Professor, Deptt: Computer Systems Engineering, UET

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Peshawar and Dr. Sohail Yousaf, Assistant Professor, Deptt: Computer Sciences & IT, UET Peshawar. Dr. Muhammad Ali, Director ORIC, Engr. Fahim Ullah Khan, OBE Coordinator and Engr. Muhammad Humayon Khan, Career Liaison Officer also attended the meeting.



March 9, 2021

regarding general as well as specific issues were communicated and noted.

2ND ISAC (INSTITUTIONAL SCHOLARSHIP AWARDING COMMITTEE) MEETING/INTER- VIEW FOR EHSAAS UG SCHOLARSHIP (BATCH-II) – UET MARDAN

A meeting of Institutional Scholarship Awarding Committee (ISAC), in the chairmanship of Prof. Dr. Shaid Khattak, Vice Chancellor UET Mardan, was held in the Conference Hall, UET Mardan on 17th of February, 2021. The members of ISAC include Vice Chancellor, UET Mardan, Dean of the Faculty of Engineering and Computing, Ms. Samra Anis Janjua, USAID Merit and Need Based Scholarship HEC, Dr. Waqar Un Nisa, Professor, Women Postgraduate College Mardan, Dr. Akhtar Nawaz, Chairman Electrical Engineering department Jalozai Campus UET Peshawar,

HEC DELEGATION VISITS UET MARDAN

On March 5, 2021, the Higher Education Commission (HEC) team visited the University of Engineering and Technology, Mardan. On this occasion, Prof. Dr. Shahid Khattak, Vice Chancellor UET Mardan welcomed the delegation. Dr. Murtaza Ali Bangash, Registrar UET Mardan, Prof. Dr. Sadaqat Jan Dean Faculty of Engineering and Computing, Prof. Dr. Imran Khan Chairman Electrical Engineering Department, Prof. Dr. Syed Ibrar Ali Shah Chairman Computer Software Engineering Department, also enlightened the visitation team on various aspects of the institute.

The HEC Team was given a detailed presentation on the university's aspects, features and concerns in Conference Room that was chaired by

Honorable Vice Chancellor whereas the Dean, Faculty of Engineering, Head of various teaching departments, Registrar, Director Quality Enhancement Cell and Director Office of Research, Industrialization and Commercialization also added their part.

The visitation Team met current students in Seminar Hall; listened to their concerns and satisfaction. The team also took opinion from the students regarding delivery of education, mode of examination and special privileges during pandemic that boosted the moral of students and leveled up their trust on HEC and Ministry of Education. The faculty meeting with HEC Delegation that took place in the Conference Room was also productive during which information



February 17, 2021

Mr. Ali Khan Ex District Member, Mrs. Alia Nawab Ex District Member, Mrs. Shazia Habib Lecturer UET Mardan.

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Prf. Dr. Imran Khan, Chairman EED, Ex Vice Chancellor, UET Mardan, Dr. Syed Ibrar Ali Shah, Chairman Software Engineering department, Dr. Sadiqullah, Chairman Telecommunication Engineering, Engr. Imran Maqsood, Advisor Student Affairs and Engr. Jawad Ali, Member Scholarship Committee EED also attended the meeting.

The panel conducted interviews of shortlisted students from Computer Software Engineering, Computer Science, Electrical Engineering and Telecommunication Engineering Department. The data was verified and discrepancies were communicated with relevant students after which the meeting was formally ended.

Ehsaas Undergraduate Scholarship is a well-planned project of Higher Education Commission and Government of Pakistan that thoroughly validates potential students for awarding of scholarships on national level and directly helps in uplifting the education system. Such scholarships are the backbone of public sector universities and its students in nurturing technical minds by adding part to their expenses.

4TH BOARD OF STUDIES MEETING OF ELECTRICAL ENGINEERING DEPARTMENT, UET MARDAN

4th Board of Studies Meeting in Electrical Engineering Department UET Mardan that was held on Tuesday, 2nd March 2021 in Conference room UET Mardan at 11:00AM. The meeting was chaired by Dr. Imran Khan, Chairman Electrical Engineering department, UET Mardan.

The chair greeted the attendees after the recitation of verses from the Holy Book.



Subject as well as field experts from various applied domains attended the meeting. The experts included Engr. Hussain Ahmed from SNGPL, Engr. Muhammad Faizan from FIA, Dr. Akhter Nawaz from UET Peshawar, Engr. Abdullah from PTCL, Dr. Husan Ali, Dr. Raza Ali Shah from HITEC University Taxila. Dr. Fazal Muhammad, Dr. Sheraz Khan, Dr. Gulrukh, Engr. Ghulam Hafeez, Dr. Ajmal Farooq and Engr. Maham P. joined the session as faculty representatives from UET Mardan.

The educationists and field experts discussed the curriculum of both Undergraduate and graduate programs and praised the role of faculty and staff in prospering in terms of introducing M.Sc. Program here at UET Mardan. Guidelines were strictly followed to reshape the courses in molding Outcome Based Education (OBE) System.

Later, the honorable Vice Chancellor also encouraged the participants by joining the education driving session.

5TH SYNDICATE MEETING OF UET MARDAN

5th Syndicate meeting of UET Mardan was held on January 15, 2021 under the leadership of Vice Chancellor Professor Dr. Shahid Khattak in which



recommendations of different authorization bodies were discussed and approved with various suggestions. Dr. Murtaza Ali, Registrar UET Mardan, as Secretary of the Syndicate presented the agenda items. Recommendations of the 5th selection board, 5th academic council meeting, and 5 years strategic plan were approved during the Syndicate meeting. Vice Chancellor stated to the members that Today's meeting would help in the growth of development, academics, research, and creative activities.

Syndicate meeting got successfully concluded with valuable opinions and recommendations of the respectable members. Vice Chancellor mentioned that future of the university depends on the Today's decisions.



We have to make such decisions and take steps as a result of which performance of this higher educational institute further improves and encourage educational and research activities.

Members of the Syndicate that included Justice (R) Abdul Aziz Kundi, Imtiaz Hussain Gillani representative from HEC, Sahibzada Ali Muhammad Khan representing Secretariat of

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Governor, Muhammad Ismail from Establishment Department, Deputy Secretary Finance Farooq Khan, Azmat Sahib from HEC Peshawar, Prof. Dr. Imran Khan, Prof. Dr. Sadaqat Jan, and Director Finance, Dr. Sajjad Ali were present. Imtiaz Hussain Gillani planted a tree and the meeting attendees wished UET Mardan a prosperous journey ahead.

ONE DAY WORKSHOP ON "HOW TO PREPARE A GOOD FUNDING PROPOSAL"



April 7th 2021: A funded project winning training workshop titled "How to Write a Good Funding Proposal (Both Technical & Financial)" was conducted by Dr Muhammad Haroon Khan, a research proposal trainer and speaker. The workshop was organized at the University of Engineering and Technology Mardan (UET Mardan). It was aimed for the training of faculty of the universities to win funded research projects and eventually translate it into innovation and commercialization. The workshop involved interactive sessions and group-based learning activities.

RESEARCH GRANTS AND PUBLICATIONS

UET Mardan academia and research wing was able to publish a total of _____ number of publications during Q1-2021.

ICT IGNITE FUNDED STUDENT PROJECT LIST

Students of Mardan are never slow in submitting new ideas to ICT R&D get recognized by Ignite fund. This year, the following _____ number of FYP student groups secured presentable amount of fund. The race of FYP funding by Ignite crowned Electrical Engineering department by securing 10 positions. Telecommunication and Software Engineering department managed to sponsor their 2 and 1 FYPs this year respectively, whereas Computer Science department will compete for Ignite fund in 2022 session.

S.No.	Project Title	Department
1.	Smart Energy Distribution and management system based on IoT	Electrical
2.	Artificial Intelligence based Gunshot detection system for UET Mardan	Electrical
3.	Integration of Solar Power and Wind Power with Utility Grid	Electrical
4.	IoT based Fuel pump security and monitoring system	Electrical
5.	Structure health monitoring	Telecommunication
6.	AI assisted IoT based monitoring system of Air and Water quality using WSN	Telecommunication
7.	An efficient energy consumption scheduler for energy optimization and a smart grid integration	Electrical
8.	A multi-objective energy optimization strategy for smart grid under demand response	Electrical
9.	Forest Fire detection and emergency alert system	Electrical
10.	Real time driver drowsiness detection system using deep learning algorithm	Software

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S.No.	Project Title	Department
11.	Smart device for connecting existing nodes with IoT	Electrical
12.	Power transmission and distribution monitoring system using IoT for smart grid	Electrical
13.	Automatic gate for initial detection of COVID-19	Electrical

Note that Ignite facilitates student projects by providing the amount spent on the FYP each year and students gets direct benefit from it. More information about Ignite fund can be found here: <https://ignite.org.pk/national-grassroots-research-initiative>.

COVID-19 UPDATES AND STUDENT

UET Mardan offers office 365 facilities to students, faculty, and its staffs in the collaboration with HEC. In this regard, logins are provided to students as well as faculty in the first quarter of 2020 to continue educational activities. Now the students can take their lectures, quizzes, assignments, and papers online. They are provided with a digital space of one TB to save their time and work online. The faculty is provided with full training of video recording, online streaming with Microsoft teams and scheduling examination related tasks on this platform. The whole process is centrally managed by CMS & IT section. The discussed facilities have readily paced up the communication between teachers and students during recent COVID-19 outbreak.

Mid term examination for four departments, that includes Computer Software Engineering department, Computer Science department, Electrical Engineering department and Telecommunication department, was conducted using MS Teams and Office 365 services for Semester Spring 2021 in April-May 2021.

CIVIL AND MECHANICAL

ENGINEERING DEPARTMENT LABORATORIES ESTABLISHMENT AND THE OPTICAL FIBER CONNECTIVITY TO VARIOUS CAMPUS BUILDINGS

Under the keep guidance of Dr. Muhammad Usman and Engr. Sajjad Ali, the procurement of the major labs of Civil Engineering department and Mechanical Engineering department is underway. This lab equipment is to be installed and commissioned in the new Academic Blocks. Further, the new blocks are being provided with Optical fiber connectivity for fast internet access. Note that same internet access will be extended via optical fiber to the whole campus which is another good news for its users.

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WHO IS NEW?

DEPARTMENT OF CIVIL ENGINEERING

Dr. Muhammad Alam
Assistant Professor / Chairman

Qualification: PhD, Department of Environment, Land and Infrastructure Engineering, Politecnico di Torino, Italy.



Engr. Usama Ali
Lecturer

Qualification: Master of Science in Civil Engineering.



Engr. Muhammad Raheel
Lecturer

Qualification: Master of Science in Urban Infrastructure Engineering, National Institute of Urban Infrastructure Planning, University of Engineering & Technology Peshawar, Pakistan.



Engr. Wasim Karam
Lab Engineer

Qualification: Bachelors in Civil Engineering, University of Engineering and Technology Peshawar.



Engr. Haris Khan
Lab Engineer

Qualification: Bachelors in Civil Engineering, University of Engineering and Technology Peshawar.



DEPARTMENT OF MECHANICAL ENGINEERING

Dr. Asad Ullah
Assistant Professor

Qualification: Post-Doc. Mechanical Engineering (In Micro System and Nano Engineering Lab) 09,2020 ~ present, Kyungpook National University (KNU), Republic of Korea.



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Engr. Abdul Samad Saleem
Lecturer

Qualification: MS in Mechanical Engineering (Thermo-Fluids) from Ghulam Ishaq Khan Institute (GIKI) of Engineering Sciences and Technology, Swabi.



Engr. Afnan Haider Khan
Lecturer

Qualification: Ph.D. in Mechanical Engineering (In Progress) University of Engineering and Technology, Peshawar, Pakistan.



Engr. Muhammad Ishaq Khan
Lab Engineer

Qualification: Master of Science, Mechanical Engineering (Specialized in Thermal Energy Engineering), USPCASE NUST.



Engr. Abdul Hameed Khan
Lab Engineer

Qualification: B.Sc. Mechanical Engineering, University of Engineering and Technology, Peshawar



Engr. Muhammad Talha Sultan
Lab Engineer

Qualification: MS Mechanical Engineering (Specialization in Materials Engineering), (2020-In Progress), UET Peshawar.



DEPARTMENT OF COMPUTER SCIENCE

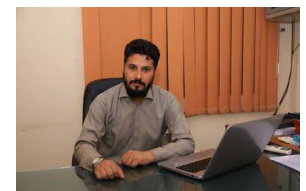
Dr. Najeeb Ullah
Assistant Professor

Qualification:



Mr. Muhammad Faisal Abrar
Lecturer

Qualification: PhD in Progress: Department of Computer Software Engineering UET, Peshawar



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Mr. Kaleem Nawaz Khan

Lecturer

Qualification: Masters in Computer Science, MS (CS),
FAST-National University of Computer and Emerging Sciences, Peshawar, Pakistan.



Mr. Mian Saeed Akbar

Lecturer

Qualification: MS in Computer Science From Institute of Management
Sciences Peshawar

