

Sir Syed University of Engineering & Technology, Karachi  
Backlog Exams 2020 Schedule for Batches 2014, 2015 and 2016

| Date                                       | Shift 1:<br>Timings: 8:00 a.m-1:00 p.m  | Shift 2:<br>Timings: 1:00 p.m- 6:00 p.m   | Shift 3:<br>Timings: 6:00 p.m- 11:00 p.m  |
|--|---|---|---|
| Jan 14 <sup>th</sup> , 2021<br>(Thursday)  | Advanced Object Oriented Programming (CE/SE)<br>Applied Soil Mechanics and Foundation Engineering (CV)<br>Computer Organization & Assembly Language (CS)/<br>Computer Organization & Architecture (CE/SE)<br>Integrated Electronics (EE)<br>Transmission and Switching Systems (TE) | Linear Algebra & Differential Equations/ Differential Equation and Linear Algebra (BM/CE/CS/SE)<br>Differential Equations (CV/EE/EL/TE)   | Numerical Analysis/ Numerical Methods (BM/CE/CV/CS)<br>Linear Algebra & Vector Analysis (EE/EL/TE)<br>Data Security & Encryption (SE)   |
| Jan 15 <sup>th</sup> , 2021<br>(Friday)    | Biochemistry (BM)<br>Cryptography & Network Security (CE/CS)<br>Architecture and Urban Planning (CV)<br>Amplifier & Oscillators (EE/TE)   | -   | Biostatistics (BI)<br>Biomaterials and Design (BM)<br>Probability and Statistics/ Probability Methods in Engineering (CE/CV/CS/EE/EL/SE/TE)   |
| Jan 16 <sup>th</sup> , 2021<br>(Saturday)  | Signals and Systems (BM/CE/EE/TE)<br>Civil Engineering Materials (CV)<br>Data Warehousing & Data Mining (CS/SE)<br>Basic Mechanical Engineering (EL)  | Biomechanics (BM)<br>Data Communication (CE)<br>Computer Aided Design (CV)<br>Network & Telecom Management (CS)<br>Instrumentation & Measurements (EE)<br>Electrical Power Distribution & Utilization (EL)<br>Design Patterns (SE)<br>Cellular Communications (TE)  | Digital Logic Design/ Logic Design & Switching Theory/<br>Digital Logic Circuits & Design (BM/CE/CS/EL/SE/TE)<br>Construction Engineering (CV)  |
| Jan 17 <sup>th</sup> , 2021<br>(Sunday)    | Database System/ Database Management Systems/<br>Introduction to Database & RDBMS/<br>Introduction to Database (BI/CE/CS/SE)<br>Biomedical Control Systems (BM)<br>Construction Management (CV)<br>Communication Systems (EE/EL/TE)   | Calculus & Analytical Geometry (BM/CE/EE/EL/SE/TE)<br>Applied Calculus (CV)<br>Multivariate Calculus (CS)   | Object Oriented Programming (BI/CE/CS/EL/SE/TE)<br>Biomedical Engineering System (BM)<br>Engineering Drawing (CV)   |
| Jan 18 <sup>th</sup> , 2021<br>(Monday)    | Complex Variables & Integral Transforms (BM/CE/EE/EL/TE)<br>Applied Thermodynamics (CV)<br>Mobile Application Development (CS)<br>Formal Methods in Software Engineering (SE)   | Applied Physics (All technologies)<br>Surveying - I (CV)<br>Software Project Management (CS/SE)   | Technical Writing and Presentation Skills (BM/CE/CV/EE/EL/TE)<br>Operation Research (CS/SE)<br><b>History of Architecture-I</b>   |
| Jan 19 <sup>th</sup> , 2021<br>(Tuesday)   | Communication Skills (CE/CV/CS/EE/SE/TE)<br>Design of Structures (CV)   | Basic Electrical Engineering (BM/CE/EE/TE)<br>Surveying - II (CV)<br>Software Design & Architecture (SE)<br>IS Audit (CS)<br><b>History of Culture &amp; Art</b>  | Biomedical Instrumentation-I (BM)<br>Artificial Intelligence (CE/CS/SE)<br>Basic Electronics & Electrical Engineering (CV)<br>Introduction to Robotics (EE)<br>Digital Communications (TE)<br><b>History of Architecture-II</b> |
| Jan 20 <sup>th</sup> , 2021<br>(Wednesday) | Basic Electronics (BM/CE/CS/EE/SE/TE)<br>Engineering Mechanics (CV)<br><b>Structure for Architects - I</b>  | Biomedical Instrumentation-II (BM)<br>Computer Communication & Networks (CE/SE)<br>Environmental Engineering (CV)<br>Computer Architecture & Organization (CS)<br>Computer Architecture (CS)<br>Network Analysis/Electrical Network Analysis (EE/EL)<br>Information & Network Security (TE)<br><b>Architectural Design-IV</b> | Bio-Signal Processing (BM)<br>Data Structures & Algorithms (CE/CS/SE)<br>Fluid Mechanics (CV)<br>Data Communication & Networks/<br>Data Communication & Computer Networks/ (EE/CS/EL/TE)<br><b>Theory of Architecture-I</b>     |

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|---|---|--|--|
| Jan 21 <sup>st</sup> , 2021<br>(Thursday) | Tissue Engineering (BM)<br>Computer Engineering Project Management (CE)<br>Hydraulics (CV)<br>Design and Analysis of Algorithms (CS)<br>Electrical Machines (EE)<br>Software Quality Engineering (SE)<br>Introduction to Tele. Comm. Systems (TE)<br><b>Theory of Architecture-II</b> | Biophysics (BM)<br>Digital Signal Processing (CE/EE/EL/TE)<br>Hydrology & Water Management(CV)<br>Compiler Construction (CS/SE)<br><b>History of Architecture-IV</b><br><b>Cellular Biology (BI)</b>   | Medical Imaging (BM)<br>Computer Programming and Problem Solving (CE/CS)<br>Plain & Reinforced Concrete (CV)<br>Opto Electronics (EE)<br>Optical Fiber Communication (TE)<br><b>Landscape Architecture</b>   |
| Jan 22 <sup>nd</sup> , 2021<br>(Friday)   | Circuit Analysis(BM/CE)<br>Islamic Studies / Ethical Behavior (CV/EE/SE/TE)<br>Enterprise System Engineering (SE)   |  | Circulatory Control System (BM)<br>Parallel and Distributed Computing (CE)<br>Transportation Engineering - I (CV)<br>Theory of Automata & Formal Languages (CS/SE)<br>Engineering Management (EE/TE)<br><b>Introduction to Arch. Conservation</b>  |
| Jan 23 <sup>rd</sup> , 2021<br>(Saturday) | Neuroscience and Networks (BM)<br>Computer Application in Engineering Design/<br>Computer Aided Engineering Drawing (CE/EE/EL)<br>Traffic Engineering (CV)<br>Programming Fundamentals (CS/SE)<br>Satellite Communications (TE)<br><b>Architectural Analysis</b>                      | Electromagnetism/ Electromagnetic Theory/<br>Electromagnetic Field Theory (BM/EE/EL/TE)<br>Operating Systems/ Introduction to Operating System<br>(CE/CS/SE)<br>Steel Structures (CV)<br>Web Engineering (CS/SE)<br><b>Structure for Architects - II</b>   | Simulation & Modeling (CE/CS)<br>Modeling and Simulation (BM)<br>Strength of Materials - I (CV)<br>Electronic Devices & Circuits (EE)<br>Selected Topics in Telecommunication (TE)<br><b>Architectural Design-VI</b>   |
| Jan 24 <sup>th</sup> , 2021<br>(Sunday)   | Engineering Economics (CE/EL/TE)<br>Software Engineering Economics (SE)<br>Structural Analysis (CV)<br>Software Quality Assurance & Testing (CS)<br>Economics and Health Care Management (BM)<br>Bio-Informatics II (BI)<br><b>Building Services &amp; System-III</b>                 | Digital System Design (CE)<br>Soil Mechanics (CV)<br>Game Development (CS)<br>Embedded System Design & Application (EE)<br>Software Requirement Engineering (SE)<br>Antenna & Microwave Theory (TE)<br>Wave Propagation & Antennas (TE)<br>Human Anatomy (BM)<br><b>Architecture in Pakistan</b> | Professional Practices and Ethics/ Professional<br>Practices/ Professional and Social Ethics<br>(BM/CS/EE/TE/SE)<br>Software Engineering/<br>Introduction to Software Engineering (CS/SE)<br>Computer and Programming Fundamentals/<br>Computer Fundamental & Programming/ (CE/CV/TE)<br><b>Research Methodologies</b> |
| Jan 25 <sup>th</sup> , 2021<br>(Monday)   | Power Electronics (BM/EE)<br>Discrete Mathematics (CE/CS/SE)<br>Reinforced & Prestressed Concrete Design (CV)<br>Computational Mathematics (BI)<br><b>Housing &amp; Community Development</b><br><b>Analog Communication (TE)</b>   | Microprocessors and Microcontrollers/ Microprocessor &<br>Assembly Language/ Microprocessor Systems &<br>Programming/<br>Microprocessor & Interfacing Technique<br>(CE/CS/EE/EL/TE)<br>Civil Engineering Drawing (CV)<br>Introduction to Computing (SE)<br><b>Urban Planning and Design</b>      | Computer Graphics, Animation and Multimedia/<br>Computer Graphics & Multimedia/<br>Computer Graphics (CE/CS/SE)<br>Quantity Surveying & Costing (CV)<br>Linear Control Systems (EE/TE)<br>Bio-Fluid Mechanics (BM)<br><b>AR-562 Project Management</b>   |
| Jan 26 <sup>th</sup> , 2021<br>(Tuesday)  | Transportation Engineering - II (CV)<br>Human Computer Interaction (CS/SE)<br>Fundamentals of Wireless Communications (EE)<br>Introduction to Financial Accounting (CS)<br>Bio-Medical Statistics (BM)<br>Tele-Traffic Engineering (TE)   | Water Supply and Sanitary Engineering (CV)<br>Introduction to Economics (CS)<br>Industrial Electronics (EE)<br>Pakistan Studies (All Technologies)<br>Engineering Geology and GeoInformatics (CV)  | Structural Analysis II (CV)<br>English (All Technologies)<br>Psychology (BM/CV/TE/EE)<br>Bio-Ethics and Safety (BI)  |