



त्रिभुवन विश्वविद्यालय  
TRIBHUVAN UNIVERSITY  
इन्जिनियरिङ्ग अध्ययन संस्थान  
INSTITUTE OF ENGINEERING

परीक्षा नियन्त्रण महाशाखा  
EXAMINATION CONTROL DIVISION

Chakupat, Lalitpur, Nepal  
Tel: 977-5260636, 5260716  
Fax: 977-1-5260129  
ecd@ioe.edu.np, www.exam.ioe.edu.np  
चाकुपाट, ललितपुर, नेपाल  
फोन: ५२६०६३६, ५२६०७१६  
फ्याक्स: ५२६०१२९



प्रथम संशोधित मिति:  
२०८०-११-२४

Examination Schedule - 2080 (Chaitra)

Exam Starting Time: 7:00 AM

MSc. I/II (Regular)

Date	MSIEM	MSInE	MSISE	MSLWE	MSPDE	MSPSE	MSRTE	MSSnE
2080-12-15	Disaster Risk, Climate Change & Infrastructure	Machine Intelligence	Applied Machine Learning	Computer Programming for Land & Water Engineering (Elective)	Advance Power Semocunductor Device (Elective-I)	Power System Control & Operation	Eggineering Rock Mechanics	Faecal Sludge Treatment and Non/Sewered Sanitation Technologies (Elective)
2080-12-18	Organization Behavior & Project Management	Distributed and Cloud Computing	Cloud and Edge Computing (Elective)	On Farm Irrigation and Drainage	Modelling & Control of Electric Device	Power System Reliability Engineering	Rock and Tunnel Investigation Methods (Elective)	Research Methodology
2080-12-21	Application of GIS & Remote Sensing (Elective)	Digital Image Processing	Cyber Security and Digital Forensics (Elective)	Planning, Design, and Mangement of Land and Water Resources	Distributed Generated Technology & microgrid (Elective -I)	Project Appraisal Techniques (Elective) / Distributed Generation Technology (Elective)	Stability Analysis and Rock Support Design	Wastewater Treatment Principles and Engineering Design (Elective)
2080-12-24	—	Design and Analysis of Algorithm	Natural Language Processing and Machine Translation (Elective)	Land, Water, Environment & Food Nexus	Modelling & Control of Renewable Energy	Power System Planning & Economics (Elective)	Rock Slope Stability Assessment (Elective)	—
2080-12-27	Construction Technology	—	Cloud and Edge Computing (Elective)	—	Special Electrical Machines (Elective-II)	Flexible AC Transmission Lines (Elective)	—	—
2080-12-30	Analysis and Design of Bridge Structures (Elective)	—	Engineering Research and Optimization	—	Reliability of Power Electronics & Drives (Elective-II)	Power System Operation under Restructured Environment (Elective)	—	—

MSIEM: Infrastructure Engg. & Management; MSInE: Information Sysem Engg.; MSISE: Informatics and Intelligent Systems Engg.; MSWLE: Water and Land Engg.; MSPDE: Power Electronics and Drives Engg.; MSPSE: Power System Engg.; MSRTE: Rock and Tunnel Engg.; MSSnE: Sanitation Engg

नोट:- १. कुनै पनि किसिमको संकेत (Highlight, Underline etc) गरिएका Code Book, Table, Chart, Graph आदि प्रयोग गर्न पाइने छैन ।

२. सबै प्रयोगात्मक परीक्षाहरूका लागि सम्बन्धित क्याम्पसले सूचना गर्नेछ ।

३. यस बीचमा कुनै आकस्मिक बिदा पर्ने गएमा पनि परीक्षा यथावत् संचालन गरिनेछ ।

४. परीक्षा दिनु पर्ने आफ्नो कुनै विषय परीक्षा कार्यक्रममा छुट्टन वा जुट्टन गएमा यस महाशाखामा मिति २०८०।११।३० गते सम्म अनिवार्य जानकारी दिनु पर्नेछ अन्यथा परिक्षार्थी स्वयं जिम्मेवार हुनेछ ।

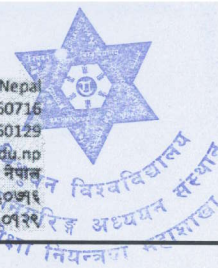
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प्रथम संशोधित मिति:  
२०८०-११-२४

Examination Schedule - 2080 (Chaitra)

Exam Starting Time: 7:00 AM

**MSc. I/II (Regular)**

Date	MSCmK	MSCSK	MSDGE	MSDSA	MSEDM	MSEqE	MSGsE	MSICE
2080-12-15	Radio Navigation Aid (Elective)	Cloud Computing	Power System Reliability Engineering (Elective)	Neural Networks (Elective)	Advanced Vibrations (Elective) / Automotive Manufacturing (Elective)	Seismic Resistant Design of Structures	Geospatial Data Mining (Elective)	Neural Networks (Elective)
2080-12-18	Machine Learning and Pattern Recognition (Elective)	Image Processing (Elective)	Grid Integration of Distributed Energy Resources	Scalable Infrastructure Architecture (Elective)	Research Methodology	Non Linear Structural Analysis (Elective)	Research Methodology	Research & Optimization Methods
2080-12-21	Information Security & Audit	Information Security & Audit	Distributed Energy Resources	Information Visualization	Hydraulic & Pneumatics System Design (Elective)	Seismic Risk Analysis	Cadastral and Land Administration	Big Data Application & Analysis
2080-12-24	Communication Theory	Machine Learning & Pattern Recognition (Elective)	Energy Audit (Elective)	Optimization Theory and Techniques	Computer Aided Design in Manufacturing (Elective)	Advance Design of Bridge (Elective)	Geospatial Decision Support System (Elective)	Communication Theory
2080-12-27	Software Methodologies	Next Generation IP and Network Techniques (Elective)	---	Applied Internet of Things (Elective) / Next Generation IP and Network Techniques (Elective)	Advanced Manufacturing Process and System	Structural Control & Base Isolation (Elective)	---	Applied Internet of Things (Elective) / Next Generation IP and Network Techniques (Elective)
2080-12-30	---	Quanting Computing	---	Language Model and Techniques	---	---	---	Quanting Computing
2081-01-02	---	Internet of Things Digital Convergence (Elective)	---	---	---	---	---	---

MSCmK: Communication and Knowledge Engg.; MSEDM: Engg in Design & Manufacturing; MSDSA: Computer Engg. (Data Science and Analytics); MSEqE: Earthquake Engg.; MSGsE: Geospatial Engg.; MSCSK: Computer System and Knowledge Engg.; MSDGE: Distributed Generation Engg.; MSICE: Information & Communication Engg.;

- नोट:- १. कुनै पनि किसिमको संकेत (Highlight, Underline etc) गरिएका Code Book, Table, Chart, Graph आदि प्रयोग गर्न पाइने छैन ।  
२. सबै प्रयोगात्मक परीक्षाहरूका लागि सम्बन्धित क्याम्पसले सूचना गर्नेछ ।  
३. यस बीचमा कुनै आकस्मिक बिदा पर्ने गर्नामा पनि परीक्षा यथावत् संचालन गरिनेछ ।  
४. परीक्षा दिनु पर्ने आफ्नो कुनै विषय परीक्षा कार्यक्रममा छुट्टन वा जुध्न गर्नामा यस महाशाखामा मिति २०८०/११/३० गते सम्म अनिवार्य जानकारी दिनु पर्नेछ अन्यथा परिक्षार्थी स्वयं जिम्मेवार हुनेछ ।

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२०८०-११-२४

Examination Schedule - 2080 (Chaitra)

Exam Starting Time: 7:00 AM

MSc. I/II (Regular)

Date	MSMDE	MSMSE	MSREE	MSSTE	MSTRE	MSURP	MSWRE	
2080-12-16	Vibration Theory (Elective)	Material Science-II	Energy Finance & Economics	Design of Foundation (Elective)	Pavement Engineering	Transport Planning (Elective)	Water Induced Hazards	—
2080-12-19	Advanced Research Methods	Material Processing	Applied Research Methods	Theory of Shells (Elective)	Computer Simulation Applications in Transportation Engg. (Elective)	Research Methodology	Climate Change and Water Security (Elective)	—
2080-12-22	Advanced Computer Aided Design and Manufacturing (Elective)	Advance Concrete Technology	Renewable Energy System Technology (Elective)	Application of FEM (Elective)	Operation Research in Transportation Engineering	Resilient City Planning	Glacier & Glacio-hydrological Modelling	—
2080-12-25	Computational Fluid Dynamics	Nano Equipements & Charecteristics	Local solurion for Energy Access (Elective)	Design of Industrial Structures (Elective)	Transport Economics (Elective)	Geospacial Technology for Urban Planning (Elective)	Hydraulic Structures	—
2080-12-28	Hydraulic and Pneumatic Systems Design (Elective)	Continnum Mechanics	—	Seismic Resistant Design of Structures	—	Risk & inclusion sensitive land Use Planning	Water Resources Planning & Management (Elective)	—

MSREE: Renewable Energy Engg.; MSMDE: Mechanical System Design and Engg.; MSSTE: Structural Engg.;

MSTRE: Transportation Engg.; MSURP: Urban Planning Engg.; MSWRE: Water Resource Engg.; MSMSE: Material Science Engg.;

नोट:- १. कुनै पनि किसिमको संकेत (Highlight, Underline etc) गरिएका Code Book, Table, Chart, Graph आदि प्रयोग गर्न पाइने छैन ।

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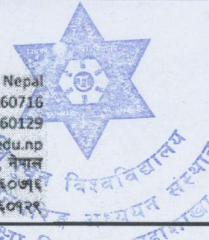
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प्रथम संशोधित मिति:  
२०८०-११-२४

Examination Schedule - 2080 (Chaitra)

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MSc. I/II (Regular)

Date	MArch	MSCCD	MSCoM	MSDRM	MSEEB	MSEnE	MSGtE	MSHPE
2080-12-16	Sustainable Landuse Architecture (Elective II)	Climate Change Adaptation & Mitigation: Theory & Practice	Arbitration and Claims Management (Elective)	Post Disaster Assessment & Response Planning	Energy Efficient Design in Public Buildings (Elective)	Solid Waste Management (Elective)	Advanced Foundation Engineering	Head Works and Hydraulic Structures
2080-12-19	Urban Design	Research Methodology	Research Methodology	Post Disaster Water Sanitation and Hygiene (Elective)	Research Methodology	Water Supply Engineering	Mountain Risk Engineering (Elective)	Construction Management for Hydropower Projects
2080-12-22	Design with Digital Media (Elective I)	Climate Change Economics & Policy Analysis (Elective)	Construction Technology	Landslide (Elective)	Energy Diplomacy and Energy Economics	Waste Water Engineering Design	Geotechnical Exploration & Testing	Sediment Engineering (Elective)
2080-12-25	Vernacular Architectural Design (Elective I)	Climate Change & Hydropower Development (Elective)	Quality and Reliability Engineering (Elective)	Earthquake Risk Engineering (Elective)	Solar Energy Design (Elective)	Applied Machine Learning in Environmental Engineering (Elective)	Geotechnical Earthquake Engineering (Elective)	Tunnel Engineering (Elective)
2080-12-28	Urban Landuse & Transport Planning (Elective II)	Environmental Impact Assessment and Policy	Safety Engineering	Quantitative Analysis Tools	Elective	Environmental Impact Assessment (Elective)	Underground Excavation & Tunneling (Elective)	Numerical Modelling

MArch: Master in Architecture; MSCCD: Climate Change; MSEEB: Energy Efficient Building; MSCoM: Construction Mgmt;  
MSEnE: Environmental Engg.; MSGtE: Geotechnical Engg.; MSDRM: Disaster Risk Management; MSHPE: Hydropower Engg.

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4  
सहायक डीन