



त्रिभुवन विश्वविद्यालय  
TRIBHUVAN UNIVERSITY  
इन्जिनियरिङ्ग अध्ययन संस्थान  
INSTITUTE OF ENGINEERING



परीक्षा नियन्त्रण महाशाखा  
EXAMINATION CONTROL DIVISION

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चाकुपाट, ललितपुर, नेपाल  
फोन: ५२६०६३६, ५२६०७१६  
फ्याक्स: ५२६०१२९

**First Revision:**  
**2079/06/09**

Examination Schedule-2079 (Kartik)

Exam Starting Time: 7:00 AM

MSc. I/II (Regular)								
Date	MSStE (1)	MSGtE (2)	MSTrE (3)	MSWRE (4)	MSHPE (5)	MSCoM (6)	MSDRM (7)	MSICE (8)
2079/07/15	Design of Industrial Structures (Elective)	Advanced Foundation Engineering	Pavement Engineering	Water Induced Hazards	Head Works and Hydraulic Structures	Construction Technology	Quantitative Analysis Tools	Communication Theory
2079/07/18	Seismic Resistant Design of Structures	Geotechnical Exploration & Testing	Operation Research in Transportation Engineering	Hydraulic Structures	Construction Management for Hydropower Projects	Research Methodology	Post Disaster Assessment & Response Planning	Research & Optimization Methods
2079/07/21	Theory of Shells (Elective)	Mountain Risk Engineering (Elective)	Transport Economics (Elective)	Rock Slope Engineering (Elective) / Sedimentation and River Engineering	Numerical Modelling (Elective)	Transport Economics (Elective)	Landslide (Elective)	Big Data Application and Analytics (Elective)
2079/07/24	Application of FEM (Elective)	Geosynthetic (Elective)	Tunnel Engineering (Elective)	Climate Change and Water Security (Elective)	Tunnel Engineering (Elective)	Arbitration and Claims Management (Elective)	Project Management (Elective)	Neural Networks (Elective)
2079/07/27	—	Underground Excavation & Tunneling (Elective)	Computer Simulation Applications in Transportation Engg. (Elective)	Water Resources Planning & Management (Elective)	—	Quality and Reliability Engineering (Elective) / Water Resources Planning & Management (Elective)	Post Disaster Water Sanitation and Hygiene (Elective)	Next Generation IP and Network Techniques (Elective)

MSStE: Structural Engg.; MSGtE: Geotechnical Engg.; MSTrE: Transportation Engg.; MSWRE: Water Resource Engg.; MSHPE: Hydropower Engg.; MSCoM: Construction Mgmt.; MSDRM: Disaster Risk Management. MSICE: Information & Communication Engg.;

- नोट—
- कुनै पनि किसिमको सकेत (Highlight, Underline etc) गरिएका Code Book, Table, Chart, Graph आदि प्रयोग गर्न पाइने छैन ।
  - सबै प्रयोगात्मक परीक्षाहरूका लागि सम्बन्धित क्याम्पसले सूचना गर्नेछ ।
  - यस बीचमा कुनै आकस्मिक विदा पर्न गएमा पनि परीक्षा यथावत् संचालन गरिनेछ ।
  - परीक्षा दिनु पर्ने आफ्नो कुनै विषय परीक्षा कार्यक्रममा छुट्टिन वा जुनन गएमा यस महाशाखामा मिति २०७९।०६।२५ गते सम्म अनिवार्य जानकारी दिनु पर्नेछ अन्यथा परीक्षार्थी स्वयं जिम्मेवार हुनेछ । संशोधित परीक्षा तालिका प्रकाशित हुंदा मिति फेरबदल हुन सक्नेछ ।

  
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**First Revision:**  
**2079/06/09**

**Examination Schedule-2079 (Kartik)**

**Exam Starting Time: 7:00 AM**

MSc. I/II (Regular)								
Date	MSCSK (9)	MSEnE (10)	MSCmK (11)	MSPSE (12)	MSDGE (13)	MSIEM (14)	MSRTE (15)	MSGsE (16)
2079/07/15	Cloud Computing	Waste Water Engineering Design	Communication Theory	Power System Reliability Engineering	Power System Reliability Engineering (Elective)	Disaster Risk, Climate Change & Infrastructure	Egineering Rock Mechanics	Geospatial Data Mining (Elective)
2079/07/18	Information Security & Audit	Environmental Impact Assessment (Elective)	Information Security & Audit	Power System Control & Operation	Grid Integration of Distributed Energy Resources	Organization Behavior & Project Management	Stability Analysis and Rock Support Design	Research Methodology
2079/07/21	Machine Learning and Pattern Recognition (Elective)	Water Supply Engineering	Machine Learning and Pattern Recognition (Elective)	Power System Planning & Economics (Elective) / Power System Operation under Restructured Environment (Elective)	Distributed Energy Resources	Application of GIS & Remote Sensing (Elective) / Construction Technology (Elective)	Rock and Tunnel Investigation Methods (Elective)	Geospatial Decision Support System (Elective)
2079/07/24	Neural Networks (Elective)	Air & Noise Pollution Fundamentals (Elective)	Social Network Mining (Elective)	Flexible AC Transmission Lines (Elective)	Flexible AC Transmission Systems (Elective)	Advanced Transportation Engineering (Elective)/ Analysis and Design of Bridge Structures (Elective)	Rock Slope Stability Assessment (Elective)	Cadestral and Land Adminstration
2079/07/27	Modern Natural Language Processing (Elective)	Sustainable Sanitation, Ecological Engineering for Waste Mgmt.	---	Project Appraisal Techniques (Elective)	---	---	---	---
2079/07/29	Internet of Things Digital Convergence (Elective)	Solid Waste Management (Elective)	---	---	---	---	---	---

MSCSKE: Computer System and Knowledge Engg.; MSEnE: Environmental Engg.; MSCmKE: Communication and Knowledge Engg.; MSPSE: Power System Engg.; MSDGE: Distributed Generation Engg.; MSIEM: Infrastructure Engg. & Mgmt.; MSRTE: Rock and Tunnel Engg.; MSGsE: Geospatial Engg.

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

२. सबै प्रयोगात्मक परीक्षालेखका लागि सम्बन्धित क्याम्पसले सूचना गर्नेछ ।

३. यस बीचमा कुनै आकस्मिक विदा पर्न गएमा पनि परीक्षा यथावत् संचालन गरिनेछ ।

४. परीक्षा दिनु पर्ने आफ्नो कुनै विषय परीक्षा कार्यक्रममा छुट्टिन वा जुट्न गएमा यस महाशाखामा मिति २०७९।०६।२५ गते सम्म अनिवार्य जानकारी दिनु पर्नेछ अन्यथा परीक्षार्थी स्वयं जिम्मेवार हुनेछ । संशोधित परीक्षा तालिका प्रकाशित हुदा मिति फेरबदल हुन सक्नेछ ।

  
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First Revision:  
2079/06/09

Examination Schedule-2079 (Kartik)

Exam Starting Time: 7:00 AM

MSc. I/II (Regular)								
Date	MSEEB (17)	MSUrP (18)	MArch (19)	MSMDE (20)	MSESPM (21)	MSREE (22)	MSCCD (23)	MSDSA (24)
2079/07/15	Energy Diplomacy and Energy Economics	Resilient City Planning	Urban Design	Vibration Theory (Elective)	Energy Economics & Systems Planning	Energy Finance & Economics	Climate Change Adaptation & Mitigation Theory & Practice	Optimization Theory and Techniques
2079/07/18	Research Methodology	Research Methodology	Design with Digital Media (Elective)	Advanced Research Methods	Energy Financial Management	Applied Research Methods	Research Methodology	Information Visualization
2079/07/21	Energy Efficient Design in Public Buildings (Elective)	Risk & Inclusion Sensitive Land Use Planning (Elective)	Architecture and Urban Design Policies and Regulations (Elective)	Computational Fluid Dynamics	Climate Change and its Impact on Energy Sector (Elective) / Power System Operation under Restructured Environment (Elective)	Renewable Energy System Technology (Elective) / Power System Operation under Restructured Environment (Elective)	Climate Change Economics & Policy Analysis (Elective)	Applied Internet of Things (Elective)
2079/07/24	Solar Energy Design (Elective)	Geospatial Technology for Urban Planning (Elective)	Urban Landuse and Transport Planning (Elective)	Advanced Computer Aided Design and Manufacturing (Elective)	Power System Control and Operations (Elective) / Solar PV Technology (Elective)	Power System Control and Operations (Elective) / Solar PV Technology (Elective)	Arbitration and Claims Management (Elective)	Scalable Infrastructure Architecture (Elective)
2079/07/27	—	—	Vernacular Architectural Design (Elective)	Hydraulic and Pneumatic Systems Design (Elective)	Power Transmission and Distribution	Power Transmission and Distribution	Climate Change & Hydropower Development (Elective)	Modern Natural Language Processing (Elective)

MSEEB: Energy Efficient Building; MSUrP: Urban Planning; MArch: Master in Architecture; MSMDE: Mechanical System Design and Engg.; MSESPM: Energy System Planning and Mgmt.; MSREE: Renewable Energy Engg.; MSCCD: Climate Change; MSDSA: Computer Engg. (Data Science and Analytics)

नोट- १. कुनै पनि किसिमको सकेत (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 आकर्षक विदा पर्ने गर्दा पनि परीक्षा यथावत् संचालन गरिनेछ ।

४. परीक्षा दिनु पर्ने आफ्नो कुनै विषय परीक्षा कार्यक्रममा छुट्टन वा जुध्न गर्दा यस महाशाखामा मिति २०७९।०६।२५ गते सम्म अनिवार्य जानकारी दिनु पर्नेछ अन्यथा परीक्षार्थी स्वयं जिम्मेवार हुनेछ । संशोधित परीक्षा तालिका प्रकाशित हुदा मिति फेरबदल हुन सक्नेछ ।

  
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First Revision:  
2079/06/09

Examination Schedule-2079 (Kartik)

Exam Starting Time: 7:00 AM

MSc. I/II (Regular)								
Date	MSEqE (25)	MSEDM (26)	MSISE (27)	MSLWE (28)	MSSnE(29)	MSInE(30)	MSESS(31)	MSMSE(32)
2079/07/15	Seismic Risk Analysis	Advanced Vibrations (Elective) / Automotive Manufacturing (Elective)	Engineering Research and Optimization	Planning, Design, and Mangement of Land and Water Resources	Faecal Sludge Treatment and Non-Sewered Sanitation Technologies (Elective)	Machine Intelligence	—	Vibration Theory (Elective)
2079/07/18	Seismic Resistant Design of Structures	Research Methodology	Applied Machine Learning	On Farm Irrigation and Drainage	Research Methodology	Distributed and Cloud Computing	—	—
2079/07/21	Non Linear Structural Analysis (Elective)	Advanced Manufacturing Process and System	Cyber Security and Digital Forensics (Elective)	Socio-Political Dimensions of land and Water Management (Elective)	Wastewater Treatment Principles and Engineering Design (Elective)	Digital Image Processing	—	—
2079/07/24	Advance Design of Bridge (Elective)	Computer Aided Design in Manufacturing (Elective)	Cloud and Edge Computing (Elective)	River Engineering (Elective)	—	Design and Analysis of Algorithm	Sustainable Energy Planning & Policy Analysis	—
2079/07/27	Earthquake Resistant Design of Foundation (Elective)	Hydraulic & Pneumatics System Design (Elective)	Natural Language Processing and Machine Translation (Elective)	—	—	—	—	—
2079/07/29	—	—	Advanced Optical Communication and Networking (Elective)	—	—	—	—	—

MSEqE: Earthquake Engg.; MSEDM: Engg in Design & Manufacturing; MSISE: Informatics and Intelligent Systems Engg.; MSLWE: Water and Land Engg.; MSSnE: Sanitation Engg.; MSInE: Information System Engg.; MSESS: Energy for Sustainable Social Development; MSMSE: Material Science & Engineering.

- नोट- १ कुनै पनि किमिमको सकेत (Highlight, Underline etc) गरिएका Code Book, Table, Chart, Graph आदि प्रयोग गर्न पाईने छैन ।  
२ सबै प्रयोगात्मक परीक्षाहरूका लागि सम्बन्धित क्याम्पसले सूचना गर्नेछ ।  
३ प्रश्न बीचमा कुनै आकर्षक बिदा पर्न गएमा पनि परीक्षा अथाक्न संचालन गरिनेछ ।  
४ परीक्षा दिनु पर्ने आफ्नो कुनै विषय परीक्षा कार्यक्रममा छुट्टिन वा जुट्न गएमा यस महाशाखामा मिति २०७९।०६।२५ गते सम्म अनिवार्य जानकारी दिनु पर्नेछ अन्यथा परीक्षार्थी स्वयं जिम्मेवार हुनेछ । संशोधित परीक्षा तालिका प्रकाशित हुंदा मिति फेरबदल हुन सक्नेछ ।

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