

Land Surveying Under Graduate Course

Sub – Division – 1(a) “Land Surveying”:

Eligibility for enrolment as Student Member: A student must be above 16 years of age and have passed the Higher Secondary (10+2) system) examinations with Mathematics, Physics and Chemistry of recognized Institution / board.

There are three examinations for 10+2 PCM candidates :-

- (a) First Examinations
- (b) Intermediate Examinations
- (c) Final Examinations

Subjects of First Examinations:-

Group – 1	English Basic Economics Mathematics Physics Computer Science
Group – II	Engineering Graphics & Elementary Cartography Elementary Topographical Surveying Physical Geography & Elementary Geology Electronics & Instrumentation Basic Photogrammetry & Remote Sensing

Eligibility : Must have passed First Examination and have attained the age of 19 years.

Subjects of Intermediate Examinations:-

Group – 1	Numerical Analysis & Computer Programming Principles of Management Environmental Engineering DBMS and System Analysis
Group – II	Adjustment Computations & Statistical Analysis Advanced Geodesy Digital Photogrammetry Remote Sensing GIS & GPS Applications
Group – III	Topographical Surveying Digital Cartography & Map Projections Engineering Surveys Basic Geodesy and Field Astronomy Cadastral Surveys & Land Laws Modern Surveying Instruments

Eligibility for Final Examinations : Must have passed the Intermediate Examinations

Subjects of Final Examinations:-

Group – 1	Digital Image Processing
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Map Reproduction Technology

Note: Apart from the above subjects of Final Examinations, the candidates has to attend/submit the following:-

Field Survey Camp
Project Work & Thesis

(d) Direct Final Examinations : A candidate for the Direct Final Examination must be age of 23 years and must have at least 5 years approved training & experience in responsible professional capacity in an office approved by the Council.

A Graduate in Civil Engineering or a person holding equivalent qualifications is eligible to appear in the Direct Final Examination even before attaining the age of 23 years provided he has been engaged in the profession for 2 years prior to the due date of receipt of application for appearing in the examination.

Subjects of Direct Final Examinations:-

Group – 1	Digital Image Processing DBMS & System Analysis GIS & GPS Applications
Group – II	Adjustment Computations & Statistical Analysis Advanced Geodesy Digital Photogrammetry Remote Sensing
Group – III	Topographical Surveying Digital Cartography & Map Projections Engineering Surveys Cadastral Surveys & land Laws

Note: Apart from the above subjects of Direct Final Examinations, the candidates has to submit the Project Work & Thesis.

Pass Marks: Candidates for the various examinations are required to score the under mentioned minimum percentage marks to become eligible for being declared as successful:-

- If a candidate appears for all the subjects of an examination at a time, he is required to score minimum of 50% marks in the aggregate and a minimum of 40% marks in each subject.
- For passing in each Group, a candidate is required to score minimum of 50% marks in aggregate and 40% marks in each subject, if he appears in all subjects at a time.

Examinations Fee:-- Examinations fee and other charges are subject to revised from time to time, however, may be obtained from the Institution as and when required.