

Course Development of M.Sc. in Energy Systems Planning and Management

Following resource persons were involved in developing courses of M.Sc. in Energy Systems Planning and Management.

S.N.	Course Code	Course Title	Resource Persons
1	EG801ME	Applied Statistics and Research Methodology	Prof. S. R. Tiwari/Prof. R. N. Shrestha
2	EG802ME	Energy Economics & International Energy Markets	Prof. R. M. Shrestha
3	EG803ME	Operation Research /Management Science	Prof. A. M. Nakarmi
4	EG804ME	Thermo-fluid Engineering	Dr. R. Shrestha/Mr. M. Luintel
5	EG805ME	Energy Resources	Prof. B. Ale/Prof. T. R. Bajracharya
6	EG851ME	Energy Systems Planning	Dr. S. R. Shakya
7	EG852ME	Energy Financial Management	Prof. A. M. Nakarmi
8	EG853ME	Climate Change and its Impact on Energy Sector	Prof. B. Ale
9	EG854ME	Hydropower Engineering and Development	Prof. E. Doujak / Prof. T. R. Bajracharya
10	EG855ME	Elective I: (one to be taken)	
11		1. Power Plant Technology (Thermal, Hydro & Renewable)	Prof. R. N. Bhattarai/Prof. T. R. Bajracharya
12		2. Power Transmission & Distribution	Dr. A. K. Mishra
13		3. Power Systems Dynamics & Stability	Dr. N. R. Karki
14		4. Power System Control & Operations	Dr. A. K. Mishra
15		5. Renewable Energy Technology	Prof. T. R. Bajracharya
16		6. Maintenance and Refurbishment of Hydro Power Plant	Prof. E. Doujak / Prof. B. Ale/Prof. T. R. Bajracharya
17	EG901ME	Energy Systems Modeling and Analysis	Dr. S. R. Shakya
18	EG902ME	Energy Strategy, Energy Policy & Regulations	Prof. A. M. Nakarmi
19	EG903ME	Energy Project Development and Social Sector Management	Prof. T. R. Bajracharya
20	EG904ME	Group Projects	Prof. T. R. Bajracharya
21	EG905ME	Elective II: (one to be taken)	

22		1. Human Resources Management	Prof. Dr. B. R. Pahari
23		2. Electricity Economics and Planning	Mr. Dinesh Ghimire
24		3. Energy Operations Management	Mr. Dinesh Ghimire
25		4. Energy Efficiency and Audit	Prof. T. R. Bajracharya/Prof. S. L. Nakarmi
26		5. Reliability & Risk Analysis	Dr. N. R. Karki
27		6. Environment Impact Assessment	Prof. B. R. Kansakar

Detail syllabus developed was reviewed by the Review Team. Curriculum was approved by Mechanical Engineering Subject Committee, Faculty Board of IOE and Academic Council of TU. The Institute of Engineering, Tribhuvan University started new M.Sc. Engineering in Energy Systems Planning and Management from 16th November 2012.