



The National Institute of Engineering

(An Autonomous Institution under Visvesvaraya Technological University, Belagavi)

• Recognised by AICTE, New Delhi • Grant-in-Aid by Government of Karnataka

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Office of the Dean (AA)

NIE, Mysuru

Date: 18.08.2021

LIST OF OPEN ELECTIVE SUBJECTS – VII SEMESTER B.E.

Academic Year – 2021-22

Subject Code	Open Elective Subject	L:T:P	Department
CV7O01	Geospatial Technology	(2-0-0) 2	Civil Engineering
CV7O03	Occupational Safety and Health	(2-0-0) 2	
CV7O05	Air pollution and Control	(2-0-0) 2	
ME7O01	Industrial Internet of Things	(2-0-0) 2	Mechanical Engineering
ME7O02	Advanced Nano Technology	(2-0-0) 2	
EC7O01	Internet of Things	(2-0-0) 2	Electronics & Communication Engineering
EC7O02	FPGA based Embedded Systems	(2-0-0) 2	
EE7O03	Industrial automation	(2-0-0) 2	Electrical & Electronics Engineering
EE7O04	Smart grid and RE integration	(2-0-0) 2	
EE7O05	Agricultural Engineering	(2-0-0) 2	
EE7O06	Optimization Techniques	(2-0-0) 2	
IP7O01	Supply Chain Management	(2-0-0) 2	Industrial & Production Engineering
IP7O03	Lean Practices	(2-0-0) 2	
CS7O01	Introduction to Big Data Analytics	(2-0-0) 2	Computer Science & Engineering
CS7O02	Introduction to Data Mining	(2-0-0) 2	
CS7O03	Introduction to Python Programming	(2-0-0) 2	
IS7O01	OOPs with C ++	(2-0-0) 2	Information Science & Engineering
IS7O03	Introduction to Cyber Security	(2-0-0) 2	

Note:

1. Students can opt for any subject offered by other department except the parent department.
2. For detailed syllabus kindly contact the concerned department.

18/8/21

Dean (Academic Affairs)
The National Institute of Engineering
Mysuru: 570 008