

## (SCHEME OF EXAMINATIONS)

Scheme of Programme Code: 028      Programme Name: BACHELOR OF TECHNOLOGY (ELECTRONICS AND COMMUNICATIONS ENGINEERING)      SchemeID: 190282015001      Sem./Year: 07 SEMESTER  
Institution Code: 101      Institution: AMBEDKAR INSTITUTE OF ADVANCED COMMUNICATION TECHNOLOGIES & RESEARCH (FORMERLY AIT)

S.No.	Paper ID	Code	Subject	Credit	Type	Exam	Mode	Kind	Minor	Major	Max. Marks	Pass Marks
01	28401	ETEC401	EMBEDDED SYSTEMS	4	THEORY	UES	COMPULSORY	DROPPABLE	25	75	100	40
02	28403	ETEC403	OPTOELECTRONICS AND OPTICAL COMMUNICATION	4	THEORY	UES	COMPULSORY	DROPPABLE	25	75	100	40
03	30403	ETIC403	BIOMEDICAL INSTRUMENTATION	3	THEORY	UES	ELECTIVE	DROPPABLE	25	75	100	40
04	28405	ETEC405	WIRELESS COMMUNICATION	4	THEORY	UES	COMPULSORY	DROPPABLE	25	75	100	40
05	28407	ETEC407	ADVANCED DSP	3	THEORY	UES	ELECTIVE	DROPPABLE	25	75	100	40
06	28409	ETEC409	INTRODUCTION TO MEMS	3	THEORY	UES	ELECTIVE	DROPPABLE	25	75	100	40
07	28411	ETEC411	ADVANCED VLSI DESIGN	3	THEORY	UES	ELECTIVE	DROPPABLE	25	75	100	40
08	49413	ETEE413	PLC AND SCADA SYSTEMS	3	THEORY	UES	ELECTIVE	DROPPABLE	25	75	100	40
09	49415	ETEE415	POWER ELECTRONICS	3	THEORY	UES	ELECTIVE	DROPPABLE	25	75	100	40
10	28417	ETEC417	RF DEVICES AND CIRCUITS	3	THEORY	UES	ELECTIVE	DROPPABLE	25	75	100	40
11	28419	ETEC419	RADAR AND NAVIGATION	3	THEORY	UES	ELECTIVE	DROPPABLE	25	75	100	40
12	49419	ETEE419	RENEWABLE ENERGY RESOURCES	3	THEORY	UES	ELECTIVE	DROPPABLE	25	75	100	40
13	98419	ETHS419	SOCIOLOGY AND ELEMENTS OF INDIAN HISTORY FOR ENGINEERS	3	THEORY	UES	ELECTIVE	DROPPABLE	25	75	100	40
14	99421	ETMS421	PROJECT MANAGEMENT	3	THEORY	UES	ELECTIVE	DROPPABLE	25	75	100	40
15	99423	ETMS423	ECONOMICS FOR ENGINEERS	3	THEORY	UES	ELECTIVE	DROPPABLE	25	75	100	40
16	27425	ETCS425	DATABASE MANAGEMENT SYSTEM	3	THEORY	UES	ELECTIVE	DROPPABLE	25	75	100	40
17	31425	ETIT425	GRID COMPUTING	3	THEORY	UES	ELECTIVE	DROPPABLE	25	75	100	40
18	27427	ETCS427	PARALLEL COMPUTING	3	THEORY	UES	ELECTIVE	DROPPABLE	25	75	100	40
19	28429	ETEC429	SELECTED TOPICS IN ECE	3	THEORY	UES	ELECTIVE	DROPPABLE	25	75	100	40
20	28451	ETEC451	OPTICAL AND WIRELESS COMMUNICATION LAB	1	PRACTICAL	UES	COMPULSORY	DROPPABLE	40	60	100	40
21	28453	ETEC453	EMBEDDED SYSTEM LAB	1	PRACTICAL	UES	COMPULSORY	DROPPABLE	40	60	100	40
22	28455	ETEC455	LAB BASED ON ELECTIVE - I AND/OR II	1	PRACTICAL	UES	COMPULSORY	DROPPABLE	40	60	100	40
23	28457	ETEC457	SEMINAR	1	PRACTICAL	NUES	COMPULSORY	DROPPABLE	--	100	100	40
24	28459	ETEC459	MINOR PROJECT	3	PRACTICAL	UES	COMPULSORY	DROPPABLE	40	60	100	40
25	28461	ETEC461	INDUSTRIAL TRAINING	1	PRACTICAL	UES	COMPULSORY	DROPPABLE	40	60	100	40



## (SCHEME OF EXAMINATIONS)

Scheme of Programme Code: 031 Programme Name: BACHELOR OF TECHNOLOGY (INFORMATION TECHNOLOGY) SchemeID: 190312015001 Sem./Year: 07 SEMESTER  
Institution Code: 962 Institution: DR. AKHILESH DAS GUPTA INSTITUTE OF TECHNOLOGY AND MANAGEMENT (FORMERLY NIEC)

S.No.	Paper ID	Code	Subject	Credit	Type	Exam	Mode	Kind	Minor	Major	Max. Marks	Pass Marks
01	28401	ETEC401	EMBEDDED SYSTEMS	3	THEORY	UES	ELECTIVE	DROPPABLE	25	75	100	40
02	31401	ETIT401	ADVANCED COMPUTER NETWORKS	4	THEORY	UES	COMPULSORY	DROPPABLE	25	75	100	40
03	28403	ETEC403	OPTOELECTRONICS AND OPTICAL COMMUNICATION	3	THEORY	UES	ELECTIVE	DROPPABLE	25	75	100	40
04	31403	ETIT403	CRYPTOGRAPHY AND NETWORK SECURITY	3	THEORY	UES	COMPULSORY	DROPPABLE	25	75	100	40
05	28405	ETEC405	WIRELESS COMMUNICATION	3	THEORY	UES	COMPULSORY	DROPPABLE	25	75	100	40
06	31407	ETIT407	CLOUD COMPUTING	3	THEORY	UES	ELECTIVE	DROPPABLE	25	75	100	40
07	31409	ETIT409	DISTRIBUTED DATABASES	3	THEORY	UES	ELECTIVE	DROPPABLE	25	75	100	40
08	31411	ETIT411	SEMANTIC WEB TECHNOLOGIES	3	THEORY	UES	ELECTIVE	DROPPABLE	25	75	100	40
09	31413	ETIT413	SOFTWARE TESTING	3	THEORY	UES	ELECTIVE	DROPPABLE	25	75	100	40
10	31415	ETIT415	DIGITAL SIGNAL PROCESSING	3	THEORY	UES	ELECTIVE	DROPPABLE	25	75	100	40
11	31419	ETIT419	.NET AND C# PROGRAMMING	3	THEORY	UES	ELECTIVE	DROPPABLE	25	75	100	40
12	98419	ETHS419	SOCIOLOGY AND ELEMENTS OF INDIAN HISTORY FOR ENGINEERS	3	THEORY	UES	ELECTIVE	DROPPABLE	25	75	100	40
13	31421	ETIT421	ENTERPRISE COMPUTING IN JAVA	3	THEORY	UES	ELECTIVE	DROPPABLE	25	75	100	40
14	31423	ETIT423	SYSTEM AND NETWORK ADMINISTRATION	3	THEORY	UES	ELECTIVE	DROPPABLE	25	75	100	40
15	31425	ETIT425	GRID COMPUTING	3	THEORY	UES	ELECTIVE	DROPPABLE	25	75	100	40
16	31427	ETIT427	ADVANCED DATABASE ADMINISTRATION	3	THEORY	UES	ELECTIVE	DROPPABLE	25	75	100	40
17	31429	ETIT429	PROBABILISTIC GRAPHICAL MODELS	3	THEORY	UES	ELECTIVE	DROPPABLE	25	75	100	40
18	31453	ETIT453	ADVANCED COMPUTER NETWORKS LAB	1	PRACTICAL	UES	COMPULSORY	DROPPABLE	40	60	100	40
19	31455	ETIT455	CRYPTOGRAPHY AND NETWORK SECURITY LAB	1	PRACTICAL	UES	COMPULSORY	DROPPABLE	40	60	100	40
20	31459	ETIT459	LAB BASED ON ELECTIVE GROUP A OR B	1	PRACTICAL	UES	COMPULSORY	DROPPABLE	40	60	100	40
21	31461	ETIT461	SUMMER TRAINING / INDUSTRIAL WORKSHOP / CERTIFICATION	1	PRACTICAL	UES	COMPULSORY	DROPPABLE	40	60	100	40
22	28463	ETEC463	WIRELESS COMMUNICATION LAB	1	PRACTICAL	UES	COMPULSORY	DROPPABLE	40	60	100	40
23	31463	ETIT463	MINOR PROJECT +	3	PRACTICAL	UES	COMPULSORY	DROPPABLE	40	60	100	40



## (SCHEME OF EXAMINATIONS)

Scheme of Programme Code: 036      Programme Name: BACHELOR OF TECHNOLOGY (MECHANICAL AND AUTOMATION ENGINEERING)      SchemeID: 190362015001      Sem./Year: 07 SEMESTER  
Institution Code: 209      Institution: G B PANT GOVT. ENGINEERING COLLEGE

S.No.	Paper ID	Code	Subject	Credit	Type	Exam	Mode	Kind	Minor	Major	Max. Marks	Pass Marks
01	111401	ETAT401	COMPUTER AIDED DESIGN	4	THEORY	UES	COMPULSORY	DROPPABLE	25	75	100	40
02	111403	ETAT403	MECHATRONICS	3	THEORY	UES	COMPULSORY	DROPPABLE	25	75	100	40
03	36403	ETME403	COMPUTER INTEGRATED MANUFACTURING	4	THEORY	UES	COMPULSORY	DROPPABLE	25	75	100	40
04	49403	ETEE403	ADVANCED CONTROL SYSTEM	3	THEORY	UES	ELECTIVE	DROPPABLE	25	75	100	40
05	36405	ETME405	POWER PLANT ENGINEERING	3	THEORY	UES	ELECTIVE	DROPPABLE	25	75	100	40
06	111407	ETAT407	ADVANCED MANUFACTURING METHODS	3	THEORY	UES	ELECTIVE	DROPPABLE	25	75	100	40
07	36407	ETME407	OPTIMIZATION TECHNIQUES	3	THEORY	UES	ELECTIVE	DROPPABLE	25	75	100	40
08	36409	ETME409	PREVENTIVE MAINTENANCE AND CONDITION MONITORING	3	THEORY	UES	ELECTIVE	DROPPABLE	25	75	100	40
09	27411	ETCS411	INTRODUCTION TO DATA SCIENCE	3	THEORY	UES	ELECTIVE	DROPPABLE	25	75	100	40
10	36411	ETME411	COMPUTATIONAL FLUID DYNAMICS	3	THEORY	UES	ELECTIVE	DROPPABLE	25	75	100	40
11	36417	ETME417	ADVANCED MATERIAL SCIENCE AND METALLURGY	3	THEORY	UES	ELECTIVE	DROPPABLE	25	75	100	40
12	49419	ETEE419	RENEWABLE ENERGY RESOURCES	3	THEORY	UES	ELECTIVE	DROPPABLE	25	75	100	40
13	98419	ETHS419	SOCIOLOGY AND ELEMENTS OF INDIAN HISTORY FOR ENGINEERS	3	THEORY	UES	ELECTIVE	DROPPABLE	25	75	100	40
14	36421	ETME421	MANAGEMENT INFORMATION SYSTEMS AND ERP	3	THEORY	UES	ELECTIVE	DROPPABLE	25	75	100	40
15	36423	ETME423	FINITE ELEMENT METHODS	3	THEORY	UES	ELECTIVE	DROPPABLE	25	75	100	40
16	27425	ETCS425	DATABASE MANAGEMENT SYSTEM	3	THEORY	UES	ELECTIVE	DROPPABLE	25	75	100	40
17	27429	ETCS429	ARTIFICIAL INTELLIGENCE	3	THEORY	UES	ELECTIVE	DROPPABLE	25	75	100	40
18	111451	ETAT451	COMPUTER AIDED DESIGN LAB	1	PRACTICAL	UES	COMPULSORY	DROPPABLE	40	60	100	40
19	111453	ETAT453	MECHATRONICS LAB	1	PRACTICAL	UES	COMPULSORY	DROPPABLE	40	60	100	40
20	36453	ETME453	COMPUTER INTEGRATED MANUFACTURING LAB	1	PRACTICAL	UES	COMPULSORY	DROPPABLE	40	60	100	40
21	111455	ETAT455	LAB BASED ON ELECTIVE I AND II	1	PRACTICAL	UES	COMPULSORY	DROPPABLE	40	60	100	40
22	111457	ETAT457	MINOR PROJECT	3	PRACTICAL	UES	COMPULSORY	DROPPABLE	40	60	100	40
23	111459	ETAT459	SUMMER TRAINING	1	PRACTICAL	NUES	COMPULSORY	DROPPABLE	--	100	100	40

