

## (SCHEME OF EXAMINATIONS)

Scheme of Programme Code: 028      Programme Name: BACHELOR OF TECHNOLOGY (ELECTRONICS AND COMMUNICATIONS ENGINEERING)      SchemeID: 190282015001      Sem./Year: 06 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    | 28302    | ETEC302 | MICROWAVE ENGINEERING              | 4      | THEORY    | UES  | COMPULSORY | MANDATORY | 25    | 75    | 100        | 40         |
| 02    | 28304    | ETEC304 | INFORMATION THEORY AND CODING      | 4      | THEORY    | UES  | COMPULSORY | DROPPABLE | 25    | 75    | 100        | 40         |
| 03    | 28306    | ETEC306 | DIGITAL SIGNAL PROCESSING          | 4      | THEORY    | UES  | COMPULSORY | MANDATORY | 25    | 75    | 100        | 40         |
| 04    | 28308    | ETEC308 | VLSI DESIGN                        | 4      | THEORY    | UES  | COMPULSORY | MANDATORY | 25    | 75    | 100        | 40         |
| 05    | 28310    | ETEC310 | DATA COMMUNICATION AND NETWORKS    | 4      | THEORY    | UES  | COMPULSORY | MANDATORY | 25    | 75    | 100        | 40         |
| 06    | 28314    | ETEC314 | ANTENNA AND WAVE PROPAGATION       | 4      | THEORY    | UES  | COMPULSORY | DROPPABLE | 25    | 75    | 100        | 40         |
| 07    | 28352    | ETEC352 | MICROWAVE ENGINEERING LAB          | 1      | PRACTICAL | UES  | COMPULSORY | DROPPABLE | 40    | 60    | 100        | 40         |
| 08    | 28354    | ETEC354 | VLSI DESIGN LAB                    | 1      | PRACTICAL | UES  | COMPULSORY | DROPPABLE | 40    | 60    | 100        | 40         |
| 09    | 28356    | ETEC356 | DIGITAL SIGNAL PROCESSING LAB      | 1      | PRACTICAL | UES  | COMPULSORY | DROPPABLE | 40    | 60    | 100        | 40         |
| 10    | 28358    | ETEC358 | DATA COMMUNICATION AND NETWORK LAB | 1      | PRACTICAL | UES  | COMPULSORY | DROPPABLE | 40    | 60    | 100        | 40         |
| 11    | 28360    | ETEC360 | INDUSTRIAL/IN-HOUSE TRAINING#      | 1      | PRACTICAL | UES  | COMPULSORY | DROPPABLE | 40    | 60    | 100        | 40         |

## (SCHEME OF EXAMINATIONS)

Scheme of Programme Code: 028      Programme Name: BACHELOR OF TECHNOLOGY (ELECTRONICS AND COMMUNICATIONS ENGINEERING)      SchemeID: 190282015002      Sem./Year: 06 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    | 28302    | ETEC302 | MICROWAVE ENGINEERING              | 4      | THEORY    | UES  | COMPULSORY | MANDATORY | 25    | 75    | 100        | 40         |
| 02    | 28304    | ETEC304 | INFORMATION THEORY AND CODING      | 4      | THEORY    | UES  | COMPULSORY | DROPPABLE | 25    | 75    | 100        | 40         |
| 03    | 28306    | ETEC306 | DIGITAL SIGNAL PROCESSING          | 4      | THEORY    | UES  | COMPULSORY | MANDATORY | 25    | 75    | 100        | 40         |
| 04    | 28308    | ETEC308 | VLSI DESIGN                        | 4      | THEORY    | UES  | COMPULSORY | MANDATORY | 25    | 75    | 100        | 40         |
| 05    | 28310    | ETEC310 | DATA COMMUNICATION AND NETWORKS    | 4      | THEORY    | UES  | COMPULSORY | MANDATORY | 25    | 75    | 100        | 40         |
| 06    | 28314    | ETEC314 | ANTENNA AND WAVE PROPAGATION       | 4      | THEORY    | UES  | COMPULSORY | DROPPABLE | 25    | 75    | 100        | 40         |
| 07    | 28352    | ETEC352 | MICROWAVE ENGINEERING LAB          | 1      | PRACTICAL | UES  | COMPULSORY | DROPPABLE | 40    | 60    | 100        | 40         |
| 08    | 28354    | ETEC354 | VLSI DESIGN LAB                    | 1      | PRACTICAL | UES  | COMPULSORY | DROPPABLE | 40    | 60    | 100        | 40         |
| 09    | 28356    | ETEC356 | DIGITAL SIGNAL PROCESSING LAB      | 1      | PRACTICAL | UES  | COMPULSORY | DROPPABLE | 40    | 60    | 100        | 40         |
| 10    | 28358    | ETEC358 | DATA COMMUNICATION AND NETWORK LAB | 1      | PRACTICAL | UES  | COMPULSORY | DROPPABLE | 40    | 60    | 100        | 40         |
| 11    | 28360    | ETEC360 | INDUSTRIAL/IN-HOUSE TRAINING#      | 1      | PRACTICAL | UES  | COMPULSORY | DROPPABLE | 40    | 60    | 100        | 40         |





























## (SCHEME OF EXAMINATIONS)

Scheme of Programme Code: 028      Programme Name: BACHELOR OF TECHNOLOGY (ELECTRONICS AND COMMUNICATIONS ENGINEERING)      SchemeID: 190282015001      Sem./Year: 06 SEMESTER  
 Institution Code: 104      Institution: AMITY SCHOOL OF ENGINEERING & TECHNOLOGY

| S.No. | Paper ID | Code    | Subject                            | Credit | Type      | Exam | Mode       | Kind      | Minor | Major | Max. Marks | Pass Marks |
|-------|----------|---------|------------------------------------|--------|-----------|------|------------|-----------|-------|-------|------------|------------|
| 01    | 28302    | ETEC302 | MICROWAVE ENGINEERING              | 4      | THEORY    | UES  | COMPULSORY | MANDATORY | 25    | 75    | 100        | 40         |
| 02    | 28304    | ETEC304 | INFORMATION THEORY AND CODING      | 4      | THEORY    | UES  | COMPULSORY | DROPPABLE | 25    | 75    | 100        | 40         |
| 03    | 28306    | ETEC306 | DIGITAL SIGNAL PROCESSING          | 4      | THEORY    | UES  | COMPULSORY | MANDATORY | 25    | 75    | 100        | 40         |
| 04    | 28308    | ETEC308 | VLSI DESIGN                        | 4      | THEORY    | UES  | COMPULSORY | MANDATORY | 25    | 75    | 100        | 40         |
| 05    | 28310    | ETEC310 | DATA COMMUNICATION AND NETWORKS    | 4      | THEORY    | UES  | COMPULSORY | MANDATORY | 25    | 75    | 100        | 40         |
| 06    | 28314    | ETEC314 | ANTENNA AND WAVE PROPAGATION       | 4      | THEORY    | UES  | COMPULSORY | DROPPABLE | 25    | 75    | 100        | 40         |
| 07    | 28352    | ETEC352 | MICROWAVE ENGINEERING LAB          | 1      | PRACTICAL | UES  | COMPULSORY | DROPPABLE | 40    | 60    | 100        | 40         |
| 08    | 28354    | ETEC354 | VLSI DESIGN LAB                    | 1      | PRACTICAL | UES  | COMPULSORY | DROPPABLE | 40    | 60    | 100        | 40         |
| 09    | 28356    | ETEC356 | DIGITAL SIGNAL PROCESSING LAB      | 1      | PRACTICAL | UES  | COMPULSORY | DROPPABLE | 40    | 60    | 100        | 40         |
| 10    | 28358    | ETEC358 | DATA COMMUNICATION AND NETWORK LAB | 1      | PRACTICAL | UES  | COMPULSORY | DROPPABLE | 40    | 60    | 100        | 40         |
| 11    | 28360    | ETEC360 | INDUSTRIAL/IN-HOUSE TRAINING#      | 1      | PRACTICAL | UES  | COMPULSORY | DROPPABLE | 40    | 60    | 100        | 40         |



## (SCHEME OF EXAMINATIONS)

Scheme of Programme Code: 028      Programme Name: BACHELOR OF TECHNOLOGY (ELECTRONICS AND COMMUNICATIONS ENGINEERING)      SchemeID: 190282015002      Sem./Year: 06 SEMESTER  
 Institution Code: 104      Institution: AMITY SCHOOL OF ENGINEERING & TECHNOLOGY

| S.No. | Paper ID | Code    | Subject                            | Credit | Type      | Exam | Mode       | Kind      | Minor | Major | Max. Marks | Pass Marks |
|-------|----------|---------|------------------------------------|--------|-----------|------|------------|-----------|-------|-------|------------|------------|
| 01    | 28302    | ETEC302 | MICROWAVE ENGINEERING              | 4      | THEORY    | UES  | COMPULSORY | MANDATORY | 25    | 75    | 100        | 40         |
| 02    | 28304    | ETEC304 | INFORMATION THEORY AND CODING      | 4      | THEORY    | UES  | COMPULSORY | DROPPABLE | 25    | 75    | 100        | 40         |
| 03    | 28306    | ETEC306 | DIGITAL SIGNAL PROCESSING          | 4      | THEORY    | UES  | COMPULSORY | MANDATORY | 25    | 75    | 100        | 40         |
| 04    | 28308    | ETEC308 | VLSI DESIGN                        | 4      | THEORY    | UES  | COMPULSORY | MANDATORY | 25    | 75    | 100        | 40         |
| 05    | 28310    | ETEC310 | DATA COMMUNICATION AND NETWORKS    | 4      | THEORY    | UES  | COMPULSORY | MANDATORY | 25    | 75    | 100        | 40         |
| 06    | 28314    | ETEC314 | ANTENNA AND WAVE PROPAGATION       | 4      | THEORY    | UES  | COMPULSORY | DROPPABLE | 25    | 75    | 100        | 40         |
| 07    | 28352    | ETEC352 | MICROWAVE ENGINEERING LAB          | 1      | PRACTICAL | UES  | COMPULSORY | DROPPABLE | 40    | 60    | 100        | 40         |
| 08    | 28354    | ETEC354 | VLSI DESIGN LAB                    | 1      | PRACTICAL | UES  | COMPULSORY | DROPPABLE | 40    | 60    | 100        | 40         |
| 09    | 28356    | ETEC356 | DIGITAL SIGNAL PROCESSING LAB      | 1      | PRACTICAL | UES  | COMPULSORY | DROPPABLE | 40    | 60    | 100        | 40         |
| 10    | 28358    | ETEC358 | DATA COMMUNICATION AND NETWORK LAB | 1      | PRACTICAL | UES  | COMPULSORY | DROPPABLE | 40    | 60    | 100        | 40         |
| 11    | 28360    | ETEC360 | INDUSTRIAL/IN-HOUSE TRAINING#      | 1      | PRACTICAL | UES  | COMPULSORY | DROPPABLE | 40    | 60    | 100        | 40         |

















## (SCHEME OF EXAMINATIONS)

Scheme of Programme Code: 028      Programme Name: BACHELOR OF TECHNOLOGY (ELECTRONICS AND COMMUNICATIONS ENGINEERING)      SchemeID: 190282015001      Sem./Year: 06 SEMESTER  
 Institution Code: 115      Institution: BHARATI VIDYAPEETH COLLEGE OF ENGINEERING

| S.No. | Paper ID | Code    | Subject                            | Credit | Type      | Exam | Mode       | Kind      | Minor | Major | Max. Marks | Pass Marks |
|-------|----------|---------|------------------------------------|--------|-----------|------|------------|-----------|-------|-------|------------|------------|
| 01    | 28302    | ETEC302 | MICROWAVE ENGINEERING              | 4      | THEORY    | UES  | COMPULSORY | MANDATORY | 25    | 75    | 100        | 40         |
| 02    | 28304    | ETEC304 | INFORMATION THEORY AND CODING      | 4      | THEORY    | UES  | COMPULSORY | DROPPABLE | 25    | 75    | 100        | 40         |
| 03    | 28306    | ETEC306 | DIGITAL SIGNAL PROCESSING          | 4      | THEORY    | UES  | COMPULSORY | MANDATORY | 25    | 75    | 100        | 40         |
| 04    | 28308    | ETEC308 | VLSI DESIGN                        | 4      | THEORY    | UES  | COMPULSORY | MANDATORY | 25    | 75    | 100        | 40         |
| 05    | 28310    | ETEC310 | DATA COMMUNICATION AND NETWORKS    | 4      | THEORY    | UES  | COMPULSORY | MANDATORY | 25    | 75    | 100        | 40         |
| 06    | 28314    | ETEC314 | ANTENNA AND WAVE PROPAGATION       | 4      | THEORY    | UES  | COMPULSORY | DROPPABLE | 25    | 75    | 100        | 40         |
| 07    | 28352    | ETEC352 | MICROWAVE ENGINEERING LAB          | 1      | PRACTICAL | UES  | COMPULSORY | DROPPABLE | 40    | 60    | 100        | 40         |
| 08    | 28354    | ETEC354 | VLSI DESIGN LAB                    | 1      | PRACTICAL | UES  | COMPULSORY | DROPPABLE | 40    | 60    | 100        | 40         |
| 09    | 28356    | ETEC356 | DIGITAL SIGNAL PROCESSING LAB      | 1      | PRACTICAL | UES  | COMPULSORY | DROPPABLE | 40    | 60    | 100        | 40         |
| 10    | 28358    | ETEC358 | DATA COMMUNICATION AND NETWORK LAB | 1      | PRACTICAL | UES  | COMPULSORY | DROPPABLE | 40    | 60    | 100        | 40         |
| 11    | 28360    | ETEC360 | INDUSTRIAL/IN-HOUSE TRAINING#      | 1      | PRACTICAL | UES  | COMPULSORY | DROPPABLE | 40    | 60    | 100        | 40         |

## (SCHEME OF EXAMINATIONS)

Scheme of Programme Code: 028      Programme Name: BACHELOR OF TECHNOLOGY (ELECTRONICS AND COMMUNICATIONS ENGINEERING)      SchemeID: 190282015002      Sem./Year: 06 SEMESTER  
Institution Code: 115      Institution: BHARATI VIDYAPEETH COLLEGE OF ENGINEERING

| S.No. | Paper ID | Code    | Subject                            | Credit | Type      | Exam | Mode       | Kind      | Minor | Major | Max. Marks | Pass Marks |
|-------|----------|---------|------------------------------------|--------|-----------|------|------------|-----------|-------|-------|------------|------------|
| 01    | 28302    | ETEC302 | MICROWAVE ENGINEERING              | 4      | THEORY    | UES  | COMPULSORY | MANDATORY | 25    | 75    | 100        | 40         |
| 02    | 28304    | ETEC304 | INFORMATION THEORY AND CODING      | 4      | THEORY    | UES  | COMPULSORY | DROPPABLE | 25    | 75    | 100        | 40         |
| 03    | 28306    | ETEC306 | DIGITAL SIGNAL PROCESSING          | 4      | THEORY    | UES  | COMPULSORY | MANDATORY | 25    | 75    | 100        | 40         |
| 04    | 28308    | ETEC308 | VLSI DESIGN                        | 4      | THEORY    | UES  | COMPULSORY | MANDATORY | 25    | 75    | 100        | 40         |
| 05    | 28310    | ETEC310 | DATA COMMUNICATION AND NETWORKS    | 4      | THEORY    | UES  | COMPULSORY | MANDATORY | 25    | 75    | 100        | 40         |
| 06    | 28314    | ETEC314 | ANTENNA AND WAVE PROPAGATION       | 4      | THEORY    | UES  | COMPULSORY | DROPPABLE | 25    | 75    | 100        | 40         |
| 07    | 28352    | ETEC352 | MICROWAVE ENGINEERING LAB          | 1      | PRACTICAL | UES  | COMPULSORY | DROPPABLE | 40    | 60    | 100        | 40         |
| 08    | 28354    | ETEC354 | VLSI DESIGN LAB                    | 1      | PRACTICAL | UES  | COMPULSORY | DROPPABLE | 40    | 60    | 100        | 40         |
| 09    | 28356    | ETEC356 | DIGITAL SIGNAL PROCESSING LAB      | 1      | PRACTICAL | UES  | COMPULSORY | DROPPABLE | 40    | 60    | 100        | 40         |
| 10    | 28358    | ETEC358 | DATA COMMUNICATION AND NETWORK LAB | 1      | PRACTICAL | UES  | COMPULSORY | DROPPABLE | 40    | 60    | 100        | 40         |
| 11    | 28360    | ETEC360 | INDUSTRIAL/IN-HOUSE TRAINING#      | 1      | PRACTICAL | UES  | COMPULSORY | DROPPABLE | 40    | 60    | 100        | 40         |

## (SCHEME OF EXAMINATIONS)

Scheme of Programme Code: 028      Programme Name: BACHELOR OF TECHNOLOGY (ELECTRONICS AND COMMUNICATIONS ENGINEERING)      SchemeID: 190282015004      Sem./Year: 06 SEMESTER  
 Institution Code: 115      Institution: BHARATI VIDYAPEETH COLLEGE OF ENGINEERING

| S.No. | Paper ID | Code    | Subject                            | Credit | Type      | Exam | Mode       | Kind      | Minor | Major | Max. Marks | Pass Marks |
|-------|----------|---------|------------------------------------|--------|-----------|------|------------|-----------|-------|-------|------------|------------|
| 01    | 28302    | ETEC302 | MICROWAVE ENGINEERING              | 4      | THEORY    | UES  | COMPULSORY | MANDATORY | 25    | 75    | 100        | 40         |
| 02    | 28304    | ETEC304 | INFORMATION THEORY AND CODING      | 4      | THEORY    | UES  | COMPULSORY | DROPPABLE | 25    | 75    | 100        | 40         |
| 03    | 28306    | ETEC306 | DIGITAL SIGNAL PROCESSING          | 4      | THEORY    | UES  | COMPULSORY | MANDATORY | 25    | 75    | 100        | 40         |
| 04    | 28308    | ETEC308 | VLSI DESIGN                        | 4      | THEORY    | UES  | COMPULSORY | MANDATORY | 25    | 75    | 100        | 40         |
| 05    | 28310    | ETEC310 | DATA COMMUNICATION AND NETWORKS    | 4      | THEORY    | UES  | COMPULSORY | MANDATORY | 25    | 75    | 100        | 40         |
| 06    | 28314    | ETEC314 | ANTENNA AND WAVE PROPAGATION       | 4      | THEORY    | UES  | COMPULSORY | DROPPABLE | 25    | 75    | 100        | 40         |
| 07    | 28352    | ETEC352 | MICROWAVE ENGINEERING LAB          | 1      | PRACTICAL | UES  | COMPULSORY | DROPPABLE | 40    | 60    | 100        | 40         |
| 08    | 28354    | ETEC354 | VLSI DESIGN LAB                    | 1      | PRACTICAL | UES  | COMPULSORY | DROPPABLE | 40    | 60    | 100        | 40         |
| 09    | 28356    | ETEC356 | DIGITAL SIGNAL PROCESSING LAB      | 1      | PRACTICAL | UES  | COMPULSORY | DROPPABLE | 40    | 60    | 100        | 40         |
| 10    | 28358    | ETEC358 | DATA COMMUNICATION AND NETWORK LAB | 1      | PRACTICAL | UES  | COMPULSORY | DROPPABLE | 40    | 60    | 100        | 40         |
| 11    | 28360    | ETEC360 | INDUSTRIAL/IN-HOUSE TRAINING#      | 1      | PRACTICAL | UES  | COMPULSORY | DROPPABLE | 40    | 60    | 100        | 40         |































## (SCHEME OF EXAMINATIONS)

Scheme of Programme Code: 028      Programme Name: BACHELOR OF TECHNOLOGY (ELECTRONICS AND COMMUNICATIONS ENGINEERING)      SchemeID: 190282015001      Sem./Year: 06 SEMESTER  
Institution Code: 132      Institution: GURU TEGH BAHADUR INSTITUTE OF TECHNOLOGY

| S.No. | Paper ID | Code    | Subject                            | Credit | Type      | Exam | Mode       | Kind      | Minor | Major | Max. Marks | Pass Marks |
|-------|----------|---------|------------------------------------|--------|-----------|------|------------|-----------|-------|-------|------------|------------|
| 01    | 28302    | ETEC302 | MICROWAVE ENGINEERING              | 4      | THEORY    | UES  | COMPULSORY | MANDATORY | 25    | 75    | 100        | 40         |
| 02    | 28304    | ETEC304 | INFORMATION THEORY AND CODING      | 4      | THEORY    | UES  | COMPULSORY | DROPPABLE | 25    | 75    | 100        | 40         |
| 03    | 28306    | ETEC306 | DIGITAL SIGNAL PROCESSING          | 4      | THEORY    | UES  | COMPULSORY | MANDATORY | 25    | 75    | 100        | 40         |
| 04    | 28308    | ETEC308 | VLSI DESIGN                        | 4      | THEORY    | UES  | COMPULSORY | MANDATORY | 25    | 75    | 100        | 40         |
| 05    | 28310    | ETEC310 | DATA COMMUNICATION AND NETWORKS    | 4      | THEORY    | UES  | COMPULSORY | MANDATORY | 25    | 75    | 100        | 40         |
| 06    | 28314    | ETEC314 | ANTENNA AND WAVE PROPAGATION       | 4      | THEORY    | UES  | COMPULSORY | DROPPABLE | 25    | 75    | 100        | 40         |
| 07    | 28352    | ETEC352 | MICROWAVE ENGINEERING LAB          | 1      | PRACTICAL | UES  | COMPULSORY | DROPPABLE | 40    | 60    | 100        | 40         |
| 08    | 28354    | ETEC354 | VLSI DESIGN LAB                    | 1      | PRACTICAL | UES  | COMPULSORY | DROPPABLE | 40    | 60    | 100        | 40         |
| 09    | 28356    | ETEC356 | DIGITAL SIGNAL PROCESSING LAB      | 1      | PRACTICAL | UES  | COMPULSORY | DROPPABLE | 40    | 60    | 100        | 40         |
| 10    | 28358    | ETEC358 | DATA COMMUNICATION AND NETWORK LAB | 1      | PRACTICAL | UES  | COMPULSORY | DROPPABLE | 40    | 60    | 100        | 40         |
| 11    | 28360    | ETEC360 | INDUSTRIAL/IN-HOUSE TRAINING#      | 1      | PRACTICAL | UES  | COMPULSORY | DROPPABLE | 40    | 60    | 100        | 40         |

## (SCHEME OF EXAMINATIONS)

Scheme of Programme Code: 028      Programme Name: BACHELOR OF TECHNOLOGY (ELECTRONICS AND COMMUNICATIONS ENGINEERING)      SchemeID: 190282015002      Sem./Year: 06 SEMESTER  
 Institution Code: 132      Institution: GURU TEGH BAHADUR INSTITUTE OF TECHNOLOGY

| S.No. | Paper ID | Code    | Subject                            | Credit | Type      | Exam | Mode       | Kind      | Minor | Major | Max. Marks | Pass Marks |
|-------|----------|---------|------------------------------------|--------|-----------|------|------------|-----------|-------|-------|------------|------------|
| 01    | 28302    | ETEC302 | MICROWAVE ENGINEERING              | 4      | THEORY    | UES  | COMPULSORY | MANDATORY | 25    | 75    | 100        | 40         |
| 02    | 28304    | ETEC304 | INFORMATION THEORY AND CODING      | 4      | THEORY    | UES  | COMPULSORY | DROPPABLE | 25    | 75    | 100        | 40         |
| 03    | 28306    | ETEC306 | DIGITAL SIGNAL PROCESSING          | 4      | THEORY    | UES  | COMPULSORY | MANDATORY | 25    | 75    | 100        | 40         |
| 04    | 28308    | ETEC308 | VLSI DESIGN                        | 4      | THEORY    | UES  | COMPULSORY | MANDATORY | 25    | 75    | 100        | 40         |
| 05    | 28310    | ETEC310 | DATA COMMUNICATION AND NETWORKS    | 4      | THEORY    | UES  | COMPULSORY | MANDATORY | 25    | 75    | 100        | 40         |
| 06    | 28314    | ETEC314 | ANTENNA AND WAVE PROPAGATION       | 4      | THEORY    | UES  | COMPULSORY | DROPPABLE | 25    | 75    | 100        | 40         |
| 07    | 28352    | ETEC352 | MICROWAVE ENGINEERING LAB          | 1      | PRACTICAL | UES  | COMPULSORY | DROPPABLE | 40    | 60    | 100        | 40         |
| 08    | 28354    | ETEC354 | VLSI DESIGN LAB                    | 1      | PRACTICAL | UES  | COMPULSORY | DROPPABLE | 40    | 60    | 100        | 40         |
| 09    | 28356    | ETEC356 | DIGITAL SIGNAL PROCESSING LAB      | 1      | PRACTICAL | UES  | COMPULSORY | DROPPABLE | 40    | 60    | 100        | 40         |
| 10    | 28358    | ETEC358 | DATA COMMUNICATION AND NETWORK LAB | 1      | PRACTICAL | UES  | COMPULSORY | DROPPABLE | 40    | 60    | 100        | 40         |
| 11    | 28360    | ETEC360 | INDUSTRIAL/IN-HOUSE TRAINING#      | 1      | PRACTICAL | UES  | COMPULSORY | DROPPABLE | 40    | 60    | 100        | 40         |



























## (SCHEME OF EXAMINATIONS)

Scheme of Programme Code: 028      Programme Name: BACHELOR OF TECHNOLOGY (ELECTRONICS AND COMMUNICATIONS ENGINEERING)      SchemeID: 190282015001      Sem./Year: 06 SEMESTER  
 Institution Code: 133      Institution: HMR INSTITUTE OF TECHNOLOGY & MANAGEMENT

| S.No. | Paper ID | Code    | Subject                            | Credit | Type      | Exam | Mode       | Kind      | Minor | Major | Max. Marks | Pass Marks |
|-------|----------|---------|------------------------------------|--------|-----------|------|------------|-----------|-------|-------|------------|------------|
| 01    | 28302    | ETEC302 | MICROWAVE ENGINEERING              | 4      | THEORY    | UES  | COMPULSORY | MANDATORY | 25    | 75    | 100        | 40         |
| 02    | 28304    | ETEC304 | INFORMATION THEORY AND CODING      | 4      | THEORY    | UES  | COMPULSORY | DROPPABLE | 25    | 75    | 100        | 40         |
| 03    | 28306    | ETEC306 | DIGITAL SIGNAL PROCESSING          | 4      | THEORY    | UES  | COMPULSORY | MANDATORY | 25    | 75    | 100        | 40         |
| 04    | 28308    | ETEC308 | VLSI DESIGN                        | 4      | THEORY    | UES  | COMPULSORY | MANDATORY | 25    | 75    | 100        | 40         |
| 05    | 28310    | ETEC310 | DATA COMMUNICATION AND NETWORKS    | 4      | THEORY    | UES  | COMPULSORY | MANDATORY | 25    | 75    | 100        | 40         |
| 06    | 28314    | ETEC314 | ANTENNA AND WAVE PROPAGATION       | 4      | THEORY    | UES  | COMPULSORY | DROPPABLE | 25    | 75    | 100        | 40         |
| 07    | 28352    | ETEC352 | MICROWAVE ENGINEERING LAB          | 1      | PRACTICAL | UES  | COMPULSORY | DROPPABLE | 40    | 60    | 100        | 40         |
| 08    | 28354    | ETEC354 | VLSI DESIGN LAB                    | 1      | PRACTICAL | UES  | COMPULSORY | DROPPABLE | 40    | 60    | 100        | 40         |
| 09    | 28356    | ETEC356 | DIGITAL SIGNAL PROCESSING LAB      | 1      | PRACTICAL | UES  | COMPULSORY | DROPPABLE | 40    | 60    | 100        | 40         |
| 10    | 28358    | ETEC358 | DATA COMMUNICATION AND NETWORK LAB | 1      | PRACTICAL | UES  | COMPULSORY | DROPPABLE | 40    | 60    | 100        | 40         |
| 11    | 28360    | ETEC360 | INDUSTRIAL/IN-HOUSE TRAINING#      | 1      | PRACTICAL | UES  | COMPULSORY | DROPPABLE | 40    | 60    | 100        | 40         |

## (SCHEME OF EXAMINATIONS)

Scheme of Programme Code: 028      Programme Name: BACHELOR OF TECHNOLOGY (ELECTRONICS AND COMMUNICATIONS ENGINEERING)      SchemeID: 190282015002      Sem./Year: 06 SEMESTER  
 Institution Code: 133      Institution: HMR INSTITUTE OF TECHNOLOGY & MANAGEMENT

| S.No. | Paper ID | Code    | Subject                            | Credit | Type      | Exam | Mode       | Kind      | Minor | Major | Max. Marks | Pass Marks |
|-------|----------|---------|------------------------------------|--------|-----------|------|------------|-----------|-------|-------|------------|------------|
| 01    | 28302    | ETEC302 | MICROWAVE ENGINEERING              | 4      | THEORY    | UES  | COMPULSORY | MANDATORY | 25    | 75    | 100        | 40         |
| 02    | 28304    | ETEC304 | INFORMATION THEORY AND CODING      | 4      | THEORY    | UES  | COMPULSORY | DROPPABLE | 25    | 75    | 100        | 40         |
| 03    | 28306    | ETEC306 | DIGITAL SIGNAL PROCESSING          | 4      | THEORY    | UES  | COMPULSORY | MANDATORY | 25    | 75    | 100        | 40         |
| 04    | 28308    | ETEC308 | VLSI DESIGN                        | 4      | THEORY    | UES  | COMPULSORY | MANDATORY | 25    | 75    | 100        | 40         |
| 05    | 28310    | ETEC310 | DATA COMMUNICATION AND NETWORKS    | 4      | THEORY    | UES  | COMPULSORY | MANDATORY | 25    | 75    | 100        | 40         |
| 06    | 28314    | ETEC314 | ANTENNA AND WAVE PROPAGATION       | 4      | THEORY    | UES  | COMPULSORY | DROPPABLE | 25    | 75    | 100        | 40         |
| 07    | 28352    | ETEC352 | MICROWAVE ENGINEERING LAB          | 1      | PRACTICAL | UES  | COMPULSORY | DROPPABLE | 40    | 60    | 100        | 40         |
| 08    | 28354    | ETEC354 | VLSI DESIGN LAB                    | 1      | PRACTICAL | UES  | COMPULSORY | DROPPABLE | 40    | 60    | 100        | 40         |
| 09    | 28356    | ETEC356 | DIGITAL SIGNAL PROCESSING LAB      | 1      | PRACTICAL | UES  | COMPULSORY | DROPPABLE | 40    | 60    | 100        | 40         |
| 10    | 28358    | ETEC358 | DATA COMMUNICATION AND NETWORK LAB | 1      | PRACTICAL | UES  | COMPULSORY | DROPPABLE | 40    | 60    | 100        | 40         |
| 11    | 28360    | ETEC360 | INDUSTRIAL/IN-HOUSE TRAINING#      | 1      | PRACTICAL | UES  | COMPULSORY | DROPPABLE | 40    | 60    | 100        | 40         |































## (SCHEME OF EXAMINATIONS)

Scheme of Programme Code: 028      Programme Name: BACHELOR OF TECHNOLOGY (ELECTRONICS AND COMMUNICATIONS ENGINEERING)      SchemeID: 190282015001      Sem./Year: 06 SEMESTER  
 Institution Code: 148      Institution: MAHARAJA AGRASEN INSTITUTE OF TECHNOLOGY

| S.No. | Paper ID | Code    | Subject                            | Credit | Type      | Exam | Mode       | Kind      | Minor | Major | Max. Marks | Pass Marks |
|-------|----------|---------|------------------------------------|--------|-----------|------|------------|-----------|-------|-------|------------|------------|
| 01    | 28302    | ETEC302 | MICROWAVE ENGINEERING              | 4      | THEORY    | UES  | COMPULSORY | MANDATORY | 25    | 75    | 100        | 40         |
| 02    | 28304    | ETEC304 | INFORMATION THEORY AND CODING      | 4      | THEORY    | UES  | COMPULSORY | DROPPABLE | 25    | 75    | 100        | 40         |
| 03    | 28306    | ETEC306 | DIGITAL SIGNAL PROCESSING          | 4      | THEORY    | UES  | COMPULSORY | MANDATORY | 25    | 75    | 100        | 40         |
| 04    | 28308    | ETEC308 | VLSI DESIGN                        | 4      | THEORY    | UES  | COMPULSORY | MANDATORY | 25    | 75    | 100        | 40         |
| 05    | 28310    | ETEC310 | DATA COMMUNICATION AND NETWORKS    | 4      | THEORY    | UES  | COMPULSORY | MANDATORY | 25    | 75    | 100        | 40         |
| 06    | 28314    | ETEC314 | ANTENNA AND WAVE PROPAGATION       | 4      | THEORY    | UES  | COMPULSORY | DROPPABLE | 25    | 75    | 100        | 40         |
| 07    | 28352    | ETEC352 | MICROWAVE ENGINEERING LAB          | 1      | PRACTICAL | UES  | COMPULSORY | DROPPABLE | 40    | 60    | 100        | 40         |
| 08    | 28354    | ETEC354 | VLSI DESIGN LAB                    | 1      | PRACTICAL | UES  | COMPULSORY | DROPPABLE | 40    | 60    | 100        | 40         |
| 09    | 28356    | ETEC356 | DIGITAL SIGNAL PROCESSING LAB      | 1      | PRACTICAL | UES  | COMPULSORY | DROPPABLE | 40    | 60    | 100        | 40         |
| 10    | 28358    | ETEC358 | DATA COMMUNICATION AND NETWORK LAB | 1      | PRACTICAL | UES  | COMPULSORY | DROPPABLE | 40    | 60    | 100        | 40         |
| 11    | 28360    | ETEC360 | INDUSTRIAL/IN-HOUSE TRAINING#      | 1      | PRACTICAL | UES  | COMPULSORY | DROPPABLE | 40    | 60    | 100        | 40         |

## (SCHEME OF EXAMINATIONS)

Scheme of Programme Code: 028      Programme Name: BACHELOR OF TECHNOLOGY (ELECTRONICS AND COMMUNICATIONS ENGINEERING)      SchemeID: 190282015002      Sem./Year: 06 SEMESTER  
Institution Code: 148      Institution: MAHARAJA AGRASEN INSTITUTE OF TECHNOLOGY

| S.No. | Paper ID | Code    | Subject                            | Credit | Type      | Exam | Mode       | Kind      | Minor | Major | Max. Marks | Pass Marks |
|-------|----------|---------|------------------------------------|--------|-----------|------|------------|-----------|-------|-------|------------|------------|
| 01    | 28302    | ETEC302 | MICROWAVE ENGINEERING              | 4      | THEORY    | UES  | COMPULSORY | MANDATORY | 25    | 75    | 100        | 40         |
| 02    | 28304    | ETEC304 | INFORMATION THEORY AND CODING      | 4      | THEORY    | UES  | COMPULSORY | DROPPABLE | 25    | 75    | 100        | 40         |
| 03    | 28306    | ETEC306 | DIGITAL SIGNAL PROCESSING          | 4      | THEORY    | UES  | COMPULSORY | MANDATORY | 25    | 75    | 100        | 40         |
| 04    | 28308    | ETEC308 | VLSI DESIGN                        | 4      | THEORY    | UES  | COMPULSORY | MANDATORY | 25    | 75    | 100        | 40         |
| 05    | 28310    | ETEC310 | DATA COMMUNICATION AND NETWORKS    | 4      | THEORY    | UES  | COMPULSORY | MANDATORY | 25    | 75    | 100        | 40         |
| 06    | 28314    | ETEC314 | ANTENNA AND WAVE PROPAGATION       | 4      | THEORY    | UES  | COMPULSORY | DROPPABLE | 25    | 75    | 100        | 40         |
| 07    | 28352    | ETEC352 | MICROWAVE ENGINEERING LAB          | 1      | PRACTICAL | UES  | COMPULSORY | DROPPABLE | 40    | 60    | 100        | 40         |
| 08    | 28354    | ETEC354 | VLSI DESIGN LAB                    | 1      | PRACTICAL | UES  | COMPULSORY | DROPPABLE | 40    | 60    | 100        | 40         |
| 09    | 28356    | ETEC356 | DIGITAL SIGNAL PROCESSING LAB      | 1      | PRACTICAL | UES  | COMPULSORY | DROPPABLE | 40    | 60    | 100        | 40         |
| 10    | 28358    | ETEC358 | DATA COMMUNICATION AND NETWORK LAB | 1      | PRACTICAL | UES  | COMPULSORY | DROPPABLE | 40    | 60    | 100        | 40         |
| 11    | 28360    | ETEC360 | INDUSTRIAL/IN-HOUSE TRAINING#      | 1      | PRACTICAL | UES  | COMPULSORY | DROPPABLE | 40    | 60    | 100        | 40         |

## (SCHEME OF EXAMINATIONS)

Scheme of Programme Code: 028      Programme Name: BACHELOR OF TECHNOLOGY (ELECTRONICS AND COMMUNICATIONS ENGINEERING)      SchemeID: 190282015004      Sem./Year: 06 SEMESTER  
Institution Code: 148      Institution: MAHARAJA AGRASEN INSTITUTE OF TECHNOLOGY

| S.No. | Paper ID | Code    | Subject                            | Credit | Type      | Exam | Mode       | Kind      | Minor | Major | Max. Marks | Pass Marks |
|-------|----------|---------|------------------------------------|--------|-----------|------|------------|-----------|-------|-------|------------|------------|
| 01    | 28302    | ETEC302 | MICROWAVE ENGINEERING              | 4      | THEORY    | UES  | COMPULSORY | MANDATORY | 25    | 75    | 100        | 40         |
| 02    | 28304    | ETEC304 | INFORMATION THEORY AND CODING      | 4      | THEORY    | UES  | COMPULSORY | DROPPABLE | 25    | 75    | 100        | 40         |
| 03    | 28306    | ETEC306 | DIGITAL SIGNAL PROCESSING          | 4      | THEORY    | UES  | COMPULSORY | MANDATORY | 25    | 75    | 100        | 40         |
| 04    | 28308    | ETEC308 | VLSI DESIGN                        | 4      | THEORY    | UES  | COMPULSORY | MANDATORY | 25    | 75    | 100        | 40         |
| 05    | 28310    | ETEC310 | DATA COMMUNICATION AND NETWORKS    | 4      | THEORY    | UES  | COMPULSORY | MANDATORY | 25    | 75    | 100        | 40         |
| 06    | 28314    | ETEC314 | ANTENNA AND WAVE PROPAGATION       | 4      | THEORY    | UES  | COMPULSORY | DROPPABLE | 25    | 75    | 100        | 40         |
| 07    | 28352    | ETEC352 | MICROWAVE ENGINEERING LAB          | 1      | PRACTICAL | UES  | COMPULSORY | DROPPABLE | 40    | 60    | 100        | 40         |
| 08    | 28354    | ETEC354 | VLSI DESIGN LAB                    | 1      | PRACTICAL | UES  | COMPULSORY | DROPPABLE | 40    | 60    | 100        | 40         |
| 09    | 28356    | ETEC356 | DIGITAL SIGNAL PROCESSING LAB      | 1      | PRACTICAL | UES  | COMPULSORY | DROPPABLE | 40    | 60    | 100        | 40         |
| 10    | 28358    | ETEC358 | DATA COMMUNICATION AND NETWORK LAB | 1      | PRACTICAL | UES  | COMPULSORY | DROPPABLE | 40    | 60    | 100        | 40         |
| 11    | 28360    | ETEC360 | INDUSTRIAL/IN-HOUSE TRAINING#      | 1      | PRACTICAL | UES  | COMPULSORY | DROPPABLE | 40    | 60    | 100        | 40         |































## (SCHEME OF EXAMINATIONS)

Scheme of Programme Code: 028      Programme Name: BACHELOR OF TECHNOLOGY (ELECTRONICS AND COMMUNICATIONS ENGINEERING)      SchemeID: 190282015001      Sem./Year: 06 SEMESTER  
Institution Code: 150      Institution: MAHARAJA SURAJMAL INSTITUTE OF TECHNOLOGY

| S.No. | Paper ID | Code    | Subject                            | Credit | Type      | Exam | Mode       | Kind      | Minor | Major | Max. Marks | Pass Marks |
|-------|----------|---------|------------------------------------|--------|-----------|------|------------|-----------|-------|-------|------------|------------|
| 01    | 28302    | ETEC302 | MICROWAVE ENGINEERING              | 4      | THEORY    | UES  | COMPULSORY | MANDATORY | 25    | 75    | 100        | 40         |
| 02    | 28304    | ETEC304 | INFORMATION THEORY AND CODING      | 4      | THEORY    | UES  | COMPULSORY | DROPPABLE | 25    | 75    | 100        | 40         |
| 03    | 28306    | ETEC306 | DIGITAL SIGNAL PROCESSING          | 4      | THEORY    | UES  | COMPULSORY | MANDATORY | 25    | 75    | 100        | 40         |
| 04    | 28308    | ETEC308 | VLSI DESIGN                        | 4      | THEORY    | UES  | COMPULSORY | MANDATORY | 25    | 75    | 100        | 40         |
| 05    | 28310    | ETEC310 | DATA COMMUNICATION AND NETWORKS    | 4      | THEORY    | UES  | COMPULSORY | MANDATORY | 25    | 75    | 100        | 40         |
| 06    | 28314    | ETEC314 | ANTENNA AND WAVE PROPAGATION       | 4      | THEORY    | UES  | COMPULSORY | DROPPABLE | 25    | 75    | 100        | 40         |
| 07    | 28352    | ETEC352 | MICROWAVE ENGINEERING LAB          | 1      | PRACTICAL | UES  | COMPULSORY | DROPPABLE | 40    | 60    | 100        | 40         |
| 08    | 28354    | ETEC354 | VLSI DESIGN LAB                    | 1      | PRACTICAL | UES  | COMPULSORY | DROPPABLE | 40    | 60    | 100        | 40         |
| 09    | 28356    | ETEC356 | DIGITAL SIGNAL PROCESSING LAB      | 1      | PRACTICAL | UES  | COMPULSORY | DROPPABLE | 40    | 60    | 100        | 40         |
| 10    | 28358    | ETEC358 | DATA COMMUNICATION AND NETWORK LAB | 1      | PRACTICAL | UES  | COMPULSORY | DROPPABLE | 40    | 60    | 100        | 40         |
| 11    | 28360    | ETEC360 | INDUSTRIAL/IN-HOUSE TRAINING#      | 1      | PRACTICAL | UES  | COMPULSORY | DROPPABLE | 40    | 60    | 100        | 40         |

## (SCHEME OF EXAMINATIONS)

Scheme of Programme Code: 028      Programme Name: BACHELOR OF TECHNOLOGY (ELECTRONICS AND COMMUNICATIONS ENGINEERING)      SchemeID: 190282015002      Sem./Year: 06 SEMESTER  
 Institution Code: 150      Institution: MAHARAJA SURAJMAL INSTITUTE OF TECHNOLOGY

| S.No. | Paper ID | Code    | Subject                            | Credit | Type      | Exam | Mode       | Kind      | Minor | Major | Max. Marks | Pass Marks |
|-------|----------|---------|------------------------------------|--------|-----------|------|------------|-----------|-------|-------|------------|------------|
| 01    | 28302    | ETEC302 | MICROWAVE ENGINEERING              | 4      | THEORY    | UES  | COMPULSORY | MANDATORY | 25    | 75    | 100        | 40         |
| 02    | 28304    | ETEC304 | INFORMATION THEORY AND CODING      | 4      | THEORY    | UES  | COMPULSORY | DROPPABLE | 25    | 75    | 100        | 40         |
| 03    | 28306    | ETEC306 | DIGITAL SIGNAL PROCESSING          | 4      | THEORY    | UES  | COMPULSORY | MANDATORY | 25    | 75    | 100        | 40         |
| 04    | 28308    | ETEC308 | VLSI DESIGN                        | 4      | THEORY    | UES  | COMPULSORY | MANDATORY | 25    | 75    | 100        | 40         |
| 05    | 28310    | ETEC310 | DATA COMMUNICATION AND NETWORKS    | 4      | THEORY    | UES  | COMPULSORY | MANDATORY | 25    | 75    | 100        | 40         |
| 06    | 28314    | ETEC314 | ANTENNA AND WAVE PROPAGATION       | 4      | THEORY    | UES  | COMPULSORY | DROPPABLE | 25    | 75    | 100        | 40         |
| 07    | 28352    | ETEC352 | MICROWAVE ENGINEERING LAB          | 1      | PRACTICAL | UES  | COMPULSORY | DROPPABLE | 40    | 60    | 100        | 40         |
| 08    | 28354    | ETEC354 | VLSI DESIGN LAB                    | 1      | PRACTICAL | UES  | COMPULSORY | DROPPABLE | 40    | 60    | 100        | 40         |
| 09    | 28356    | ETEC356 | DIGITAL SIGNAL PROCESSING LAB      | 1      | PRACTICAL | UES  | COMPULSORY | DROPPABLE | 40    | 60    | 100        | 40         |
| 10    | 28358    | ETEC358 | DATA COMMUNICATION AND NETWORK LAB | 1      | PRACTICAL | UES  | COMPULSORY | DROPPABLE | 40    | 60    | 100        | 40         |
| 11    | 28360    | ETEC360 | INDUSTRIAL/IN-HOUSE TRAINING#      | 1      | PRACTICAL | UES  | COMPULSORY | DROPPABLE | 40    | 60    | 100        | 40         |































## (SCHEME OF EXAMINATIONS)

Scheme of Programme Code: 028      Programme Name: BACHELOR OF TECHNOLOGY (ELECTRONICS AND COMMUNICATIONS ENGINEERING)      SchemeID: 190282015001      Sem./Year: 06 SEMESTER  
 Institution Code: 156      Institution: NORTHERN INDIA ENGINEERING COLLEGE

| S.No. | Paper ID | Code    | Subject                            | Credit | Type      | Exam | Mode       | Kind      | Minor | Major | Max. Marks | Pass Marks |
|-------|----------|---------|------------------------------------|--------|-----------|------|------------|-----------|-------|-------|------------|------------|
| 01    | 28302    | ETEC302 | MICROWAVE ENGINEERING              | 4      | THEORY    | UES  | COMPULSORY | MANDATORY | 25    | 75    | 100        | 40         |
| 02    | 28304    | ETEC304 | INFORMATION THEORY AND CODING      | 4      | THEORY    | UES  | COMPULSORY | DROPPABLE | 25    | 75    | 100        | 40         |
| 03    | 28306    | ETEC306 | DIGITAL SIGNAL PROCESSING          | 4      | THEORY    | UES  | COMPULSORY | MANDATORY | 25    | 75    | 100        | 40         |
| 04    | 28308    | ETEC308 | VLSI DESIGN                        | 4      | THEORY    | UES  | COMPULSORY | MANDATORY | 25    | 75    | 100        | 40         |
| 05    | 28310    | ETEC310 | DATA COMMUNICATION AND NETWORKS    | 4      | THEORY    | UES  | COMPULSORY | MANDATORY | 25    | 75    | 100        | 40         |
| 06    | 28314    | ETEC314 | ANTENNA AND WAVE PROPAGATION       | 4      | THEORY    | UES  | COMPULSORY | DROPPABLE | 25    | 75    | 100        | 40         |
| 07    | 28352    | ETEC352 | MICROWAVE ENGINEERING LAB          | 1      | PRACTICAL | UES  | COMPULSORY | DROPPABLE | 40    | 60    | 100        | 40         |
| 08    | 28354    | ETEC354 | VLSI DESIGN LAB                    | 1      | PRACTICAL | UES  | COMPULSORY | DROPPABLE | 40    | 60    | 100        | 40         |
| 09    | 28356    | ETEC356 | DIGITAL SIGNAL PROCESSING LAB      | 1      | PRACTICAL | UES  | COMPULSORY | DROPPABLE | 40    | 60    | 100        | 40         |
| 10    | 28358    | ETEC358 | DATA COMMUNICATION AND NETWORK LAB | 1      | PRACTICAL | UES  | COMPULSORY | DROPPABLE | 40    | 60    | 100        | 40         |
| 11    | 28360    | ETEC360 | INDUSTRIAL/IN-HOUSE TRAINING#      | 1      | PRACTICAL | UES  | COMPULSORY | DROPPABLE | 40    | 60    | 100        | 40         |

## (SCHEME OF EXAMINATIONS)

Scheme of Programme Code: 028      Programme Name: BACHELOR OF TECHNOLOGY (ELECTRONICS AND COMMUNICATIONS ENGINEERING)      SchemeID: 190282015002      Sem./Year: 06 SEMESTER  
 Institution Code: 156      Institution: NORTHERN INDIA ENGINEERING COLLEGE

| S.No. | Paper ID | Code    | Subject                            | Credit | Type      | Exam | Mode       | Kind      | Minor | Major | Max. Marks | Pass Marks |
|-------|----------|---------|------------------------------------|--------|-----------|------|------------|-----------|-------|-------|------------|------------|
| 01    | 28302    | ETEC302 | MICROWAVE ENGINEERING              | 4      | THEORY    | UES  | COMPULSORY | MANDATORY | 25    | 75    | 100        | 40         |
| 02    | 28304    | ETEC304 | INFORMATION THEORY AND CODING      | 4      | THEORY    | UES  | COMPULSORY | DROPPABLE | 25    | 75    | 100        | 40         |
| 03    | 28306    | ETEC306 | DIGITAL SIGNAL PROCESSING          | 4      | THEORY    | UES  | COMPULSORY | MANDATORY | 25    | 75    | 100        | 40         |
| 04    | 28308    | ETEC308 | VLSI DESIGN                        | 4      | THEORY    | UES  | COMPULSORY | MANDATORY | 25    | 75    | 100        | 40         |
| 05    | 28310    | ETEC310 | DATA COMMUNICATION AND NETWORKS    | 4      | THEORY    | UES  | COMPULSORY | MANDATORY | 25    | 75    | 100        | 40         |
| 06    | 28314    | ETEC314 | ANTENNA AND WAVE PROPAGATION       | 4      | THEORY    | UES  | COMPULSORY | DROPPABLE | 25    | 75    | 100        | 40         |
| 07    | 28352    | ETEC352 | MICROWAVE ENGINEERING LAB          | 1      | PRACTICAL | UES  | COMPULSORY | DROPPABLE | 40    | 60    | 100        | 40         |
| 08    | 28354    | ETEC354 | VLSI DESIGN LAB                    | 1      | PRACTICAL | UES  | COMPULSORY | DROPPABLE | 40    | 60    | 100        | 40         |
| 09    | 28356    | ETEC356 | DIGITAL SIGNAL PROCESSING LAB      | 1      | PRACTICAL | UES  | COMPULSORY | DROPPABLE | 40    | 60    | 100        | 40         |
| 10    | 28358    | ETEC358 | DATA COMMUNICATION AND NETWORK LAB | 1      | PRACTICAL | UES  | COMPULSORY | DROPPABLE | 40    | 60    | 100        | 40         |
| 11    | 28360    | ETEC360 | INDUSTRIAL/IN-HOUSE TRAINING#      | 1      | PRACTICAL | UES  | COMPULSORY | DROPPABLE | 40    | 60    | 100        | 40         |































## (SCHEME OF EXAMINATIONS)

Scheme of Programme Code: 028      Programme Name: BACHELOR OF TECHNOLOGY (ELECTRONICS AND COMMUNICATIONS ENGINEERING)      SchemeID: 190282015001      Sem./Year: 06 SEMESTER  
 Institution Code: 180      Institution: DELHI TECHNICAL CAMPUS, GREATER NOIDA

| S.No. | Paper ID | Code    | Subject                            | Credit | Type      | Exam | Mode       | Kind      | Minor | Major | Max. Marks | Pass Marks |
|-------|----------|---------|------------------------------------|--------|-----------|------|------------|-----------|-------|-------|------------|------------|
| 01    | 28302    | ETEC302 | MICROWAVE ENGINEERING              | 4      | THEORY    | UES  | COMPULSORY | MANDATORY | 25    | 75    | 100        | 40         |
| 02    | 28304    | ETEC304 | INFORMATION THEORY AND CODING      | 4      | THEORY    | UES  | COMPULSORY | DROPPABLE | 25    | 75    | 100        | 40         |
| 03    | 28306    | ETEC306 | DIGITAL SIGNAL PROCESSING          | 4      | THEORY    | UES  | COMPULSORY | MANDATORY | 25    | 75    | 100        | 40         |
| 04    | 28308    | ETEC308 | VLSI DESIGN                        | 4      | THEORY    | UES  | COMPULSORY | MANDATORY | 25    | 75    | 100        | 40         |
| 05    | 28310    | ETEC310 | DATA COMMUNICATION AND NETWORKS    | 4      | THEORY    | UES  | COMPULSORY | MANDATORY | 25    | 75    | 100        | 40         |
| 06    | 28314    | ETEC314 | ANTENNA AND WAVE PROPAGATION       | 4      | THEORY    | UES  | COMPULSORY | DROPPABLE | 25    | 75    | 100        | 40         |
| 07    | 28352    | ETEC352 | MICROWAVE ENGINEERING LAB          | 1      | PRACTICAL | UES  | COMPULSORY | DROPPABLE | 40    | 60    | 100        | 40         |
| 08    | 28354    | ETEC354 | VLSI DESIGN LAB                    | 1      | PRACTICAL | UES  | COMPULSORY | DROPPABLE | 40    | 60    | 100        | 40         |
| 09    | 28356    | ETEC356 | DIGITAL SIGNAL PROCESSING LAB      | 1      | PRACTICAL | UES  | COMPULSORY | DROPPABLE | 40    | 60    | 100        | 40         |
| 10    | 28358    | ETEC358 | DATA COMMUNICATION AND NETWORK LAB | 1      | PRACTICAL | UES  | COMPULSORY | DROPPABLE | 40    | 60    | 100        | 40         |
| 11    | 28360    | ETEC360 | INDUSTRIAL/IN-HOUSE TRAINING#      | 1      | PRACTICAL | UES  | COMPULSORY | DROPPABLE | 40    | 60    | 100        | 40         |

## (SCHEME OF EXAMINATIONS)

Scheme of Programme Code: 028      Programme Name: BACHELOR OF TECHNOLOGY (ELECTRONICS AND COMMUNICATIONS ENGINEERING)      SchemeID: 190282015002      Sem./Year: 06 SEMESTER  
 Institution Code: 180      Institution: DELHI TECHNICAL CAMPUS, GREATER NOIDA

| S.No. | Paper ID | Code    | Subject                            | Credit | Type      | Exam | Mode       | Kind      | Minor | Major | Max. Marks | Pass Marks |
|-------|----------|---------|------------------------------------|--------|-----------|------|------------|-----------|-------|-------|------------|------------|
| 01    | 28302    | ETEC302 | MICROWAVE ENGINEERING              | 4      | THEORY    | UES  | COMPULSORY | MANDATORY | 25    | 75    | 100        | 40         |
| 02    | 28304    | ETEC304 | INFORMATION THEORY AND CODING      | 4      | THEORY    | UES  | COMPULSORY | DROPPABLE | 25    | 75    | 100        | 40         |
| 03    | 28306    | ETEC306 | DIGITAL SIGNAL PROCESSING          | 4      | THEORY    | UES  | COMPULSORY | MANDATORY | 25    | 75    | 100        | 40         |
| 04    | 28308    | ETEC308 | VLSI DESIGN                        | 4      | THEORY    | UES  | COMPULSORY | MANDATORY | 25    | 75    | 100        | 40         |
| 05    | 28310    | ETEC310 | DATA COMMUNICATION AND NETWORKS    | 4      | THEORY    | UES  | COMPULSORY | MANDATORY | 25    | 75    | 100        | 40         |
| 06    | 28314    | ETEC314 | ANTENNA AND WAVE PROPAGATION       | 4      | THEORY    | UES  | COMPULSORY | DROPPABLE | 25    | 75    | 100        | 40         |
| 07    | 28352    | ETEC352 | MICROWAVE ENGINEERING LAB          | 1      | PRACTICAL | UES  | COMPULSORY | DROPPABLE | 40    | 60    | 100        | 40         |
| 08    | 28354    | ETEC354 | VLSI DESIGN LAB                    | 1      | PRACTICAL | UES  | COMPULSORY | DROPPABLE | 40    | 60    | 100        | 40         |
| 09    | 28356    | ETEC356 | DIGITAL SIGNAL PROCESSING LAB      | 1      | PRACTICAL | UES  | COMPULSORY | DROPPABLE | 40    | 60    | 100        | 40         |
| 10    | 28358    | ETEC358 | DATA COMMUNICATION AND NETWORK LAB | 1      | PRACTICAL | UES  | COMPULSORY | DROPPABLE | 40    | 60    | 100        | 40         |
| 11    | 28360    | ETEC360 | INDUSTRIAL/IN-HOUSE TRAINING#      | 1      | PRACTICAL | UES  | COMPULSORY | DROPPABLE | 40    | 60    | 100        | 40         |















## (SCHEME OF EXAMINATIONS)

Scheme of Programme Code: 028      Programme Name: BACHELOR OF TECHNOLOGY (ELECTRONICS AND COMMUNICATIONS ENGINEERING)      SchemeID: 190282015001      Sem./Year: 06 SEMESTER  
 Institution Code: 208      Institution: BHAGWAN PARSHURAM INSTITUTE OF TECHNOLOGY

| S.No. | Paper ID | Code    | Subject                            | Credit | Type      | Exam | Mode       | Kind      | Minor | Major | Max. Marks | Pass Marks |
|-------|----------|---------|------------------------------------|--------|-----------|------|------------|-----------|-------|-------|------------|------------|
| 01    | 28302    | ETEC302 | MICROWAVE ENGINEERING              | 4      | THEORY    | UES  | COMPULSORY | MANDATORY | 25    | 75    | 100        | 40         |
| 02    | 28304    | ETEC304 | INFORMATION THEORY AND CODING      | 4      | THEORY    | UES  | COMPULSORY | DROPPABLE | 25    | 75    | 100        | 40         |
| 03    | 28306    | ETEC306 | DIGITAL SIGNAL PROCESSING          | 4      | THEORY    | UES  | COMPULSORY | MANDATORY | 25    | 75    | 100        | 40         |
| 04    | 28308    | ETEC308 | VLSI DESIGN                        | 4      | THEORY    | UES  | COMPULSORY | MANDATORY | 25    | 75    | 100        | 40         |
| 05    | 28310    | ETEC310 | DATA COMMUNICATION AND NETWORKS    | 4      | THEORY    | UES  | COMPULSORY | MANDATORY | 25    | 75    | 100        | 40         |
| 06    | 28314    | ETEC314 | ANTENNA AND WAVE PROPAGATION       | 4      | THEORY    | UES  | COMPULSORY | DROPPABLE | 25    | 75    | 100        | 40         |
| 07    | 28352    | ETEC352 | MICROWAVE ENGINEERING LAB          | 1      | PRACTICAL | UES  | COMPULSORY | DROPPABLE | 40    | 60    | 100        | 40         |
| 08    | 28354    | ETEC354 | VLSI DESIGN LAB                    | 1      | PRACTICAL | UES  | COMPULSORY | DROPPABLE | 40    | 60    | 100        | 40         |
| 09    | 28356    | ETEC356 | DIGITAL SIGNAL PROCESSING LAB      | 1      | PRACTICAL | UES  | COMPULSORY | DROPPABLE | 40    | 60    | 100        | 40         |
| 10    | 28358    | ETEC358 | DATA COMMUNICATION AND NETWORK LAB | 1      | PRACTICAL | UES  | COMPULSORY | DROPPABLE | 40    | 60    | 100        | 40         |
| 11    | 28360    | ETEC360 | INDUSTRIAL/IN-HOUSE TRAINING#      | 1      | PRACTICAL | UES  | COMPULSORY | DROPPABLE | 40    | 60    | 100        | 40         |

## (SCHEME OF EXAMINATIONS)

Scheme of Programme Code: 028      Programme Name: BACHELOR OF TECHNOLOGY (ELECTRONICS AND COMMUNICATIONS ENGINEERING)      SchemeID: 190282015002      Sem./Year: 06 SEMESTER  
 Institution Code: 208      Institution: BHAGWAN PARSHURAM INSTITUTE OF TECHNOLOGY

| S.No. | Paper ID | Code    | Subject                            | Credit | Type      | Exam | Mode       | Kind      | Minor | Major | Max. Marks | Pass Marks |
|-------|----------|---------|------------------------------------|--------|-----------|------|------------|-----------|-------|-------|------------|------------|
| 01    | 28302    | ETEC302 | MICROWAVE ENGINEERING              | 4      | THEORY    | UES  | COMPULSORY | MANDATORY | 25    | 75    | 100        | 40         |
| 02    | 28304    | ETEC304 | INFORMATION THEORY AND CODING      | 4      | THEORY    | UES  | COMPULSORY | DROPPABLE | 25    | 75    | 100        | 40         |
| 03    | 28306    | ETEC306 | DIGITAL SIGNAL PROCESSING          | 4      | THEORY    | UES  | COMPULSORY | MANDATORY | 25    | 75    | 100        | 40         |
| 04    | 28308    | ETEC308 | VLSI DESIGN                        | 4      | THEORY    | UES  | COMPULSORY | MANDATORY | 25    | 75    | 100        | 40         |
| 05    | 28310    | ETEC310 | DATA COMMUNICATION AND NETWORKS    | 4      | THEORY    | UES  | COMPULSORY | MANDATORY | 25    | 75    | 100        | 40         |
| 06    | 28314    | ETEC314 | ANTENNA AND WAVE PROPAGATION       | 4      | THEORY    | UES  | COMPULSORY | DROPPABLE | 25    | 75    | 100        | 40         |
| 07    | 28352    | ETEC352 | MICROWAVE ENGINEERING LAB          | 1      | PRACTICAL | UES  | COMPULSORY | DROPPABLE | 40    | 60    | 100        | 40         |
| 08    | 28354    | ETEC354 | VLSI DESIGN LAB                    | 1      | PRACTICAL | UES  | COMPULSORY | DROPPABLE | 40    | 60    | 100        | 40         |
| 09    | 28356    | ETEC356 | DIGITAL SIGNAL PROCESSING LAB      | 1      | PRACTICAL | UES  | COMPULSORY | DROPPABLE | 40    | 60    | 100        | 40         |
| 10    | 28358    | ETEC358 | DATA COMMUNICATION AND NETWORK LAB | 1      | PRACTICAL | UES  | COMPULSORY | DROPPABLE | 40    | 60    | 100        | 40         |
| 11    | 28360    | ETEC360 | INDUSTRIAL/IN-HOUSE TRAINING#      | 1      | PRACTICAL | UES  | COMPULSORY | DROPPABLE | 40    | 60    | 100        | 40         |





























## (SCHEME OF EXAMINATIONS)

Scheme of Programme Code: 028      Programme Name: BACHELOR OF TECHNOLOGY (ELECTRONICS AND COMMUNICATIONS ENGINEERING)      SchemeID: 190282015001      Sem./Year: 06 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    | 28302    | ETEC302 | MICROWAVE ENGINEERING              | 4      | THEORY    | UES  | COMPULSORY | MANDATORY | 25    | 75    | 100        | 40         |
| 02    | 28304    | ETEC304 | INFORMATION THEORY AND CODING      | 4      | THEORY    | UES  | COMPULSORY | DROPPABLE | 25    | 75    | 100        | 40         |
| 03    | 28306    | ETEC306 | DIGITAL SIGNAL PROCESSING          | 4      | THEORY    | UES  | COMPULSORY | MANDATORY | 25    | 75    | 100        | 40         |
| 04    | 28308    | ETEC308 | VLSI DESIGN                        | 4      | THEORY    | UES  | COMPULSORY | MANDATORY | 25    | 75    | 100        | 40         |
| 05    | 28310    | ETEC310 | DATA COMMUNICATION AND NETWORKS    | 4      | THEORY    | UES  | COMPULSORY | MANDATORY | 25    | 75    | 100        | 40         |
| 06    | 28314    | ETEC314 | ANTENNA AND WAVE PROPAGATION       | 4      | THEORY    | UES  | COMPULSORY | DROPPABLE | 25    | 75    | 100        | 40         |
| 07    | 28352    | ETEC352 | MICROWAVE ENGINEERING LAB          | 1      | PRACTICAL | UES  | COMPULSORY | DROPPABLE | 40    | 60    | 100        | 40         |
| 08    | 28354    | ETEC354 | VLSI DESIGN LAB                    | 1      | PRACTICAL | UES  | COMPULSORY | DROPPABLE | 40    | 60    | 100        | 40         |
| 09    | 28356    | ETEC356 | DIGITAL SIGNAL PROCESSING LAB      | 1      | PRACTICAL | UES  | COMPULSORY | DROPPABLE | 40    | 60    | 100        | 40         |
| 10    | 28358    | ETEC358 | DATA COMMUNICATION AND NETWORK LAB | 1      | PRACTICAL | UES  | COMPULSORY | DROPPABLE | 40    | 60    | 100        | 40         |
| 11    | 28360    | ETEC360 | INDUSTRIAL/IN-HOUSE TRAINING#      | 1      | PRACTICAL | UES  | COMPULSORY | DROPPABLE | 40    | 60    | 100        | 40         |

## (SCHEME OF EXAMINATIONS)

Scheme of Programme Code: 028      Programme Name: BACHELOR OF TECHNOLOGY (ELECTRONICS AND COMMUNICATIONS ENGINEERING)      SchemeID: 190282015002      Sem./Year: 06 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    | 28302    | ETEC302 | MICROWAVE ENGINEERING              | 4      | THEORY    | UES  | COMPULSORY | MANDATORY | 25    | 75    | 100        | 40         |
| 02    | 28304    | ETEC304 | INFORMATION THEORY AND CODING      | 4      | THEORY    | UES  | COMPULSORY | DROPPABLE | 25    | 75    | 100        | 40         |
| 03    | 28306    | ETEC306 | DIGITAL SIGNAL PROCESSING          | 4      | THEORY    | UES  | COMPULSORY | MANDATORY | 25    | 75    | 100        | 40         |
| 04    | 28308    | ETEC308 | VLSI DESIGN                        | 4      | THEORY    | UES  | COMPULSORY | MANDATORY | 25    | 75    | 100        | 40         |
| 05    | 28310    | ETEC310 | DATA COMMUNICATION AND NETWORKS    | 4      | THEORY    | UES  | COMPULSORY | MANDATORY | 25    | 75    | 100        | 40         |
| 06    | 28314    | ETEC314 | ANTENNA AND WAVE PROPAGATION       | 4      | THEORY    | UES  | COMPULSORY | DROPPABLE | 25    | 75    | 100        | 40         |
| 07    | 28352    | ETEC352 | MICROWAVE ENGINEERING LAB          | 1      | PRACTICAL | UES  | COMPULSORY | DROPPABLE | 40    | 60    | 100        | 40         |
| 08    | 28354    | ETEC354 | VLSI DESIGN LAB                    | 1      | PRACTICAL | UES  | COMPULSORY | DROPPABLE | 40    | 60    | 100        | 40         |
| 09    | 28356    | ETEC356 | DIGITAL SIGNAL PROCESSING LAB      | 1      | PRACTICAL | UES  | COMPULSORY | DROPPABLE | 40    | 60    | 100        | 40         |
| 10    | 28358    | ETEC358 | DATA COMMUNICATION AND NETWORK LAB | 1      | PRACTICAL | UES  | COMPULSORY | DROPPABLE | 40    | 60    | 100        | 40         |
| 11    | 28360    | ETEC360 | INDUSTRIAL/IN-HOUSE TRAINING#      | 1      | PRACTICAL | UES  | COMPULSORY | DROPPABLE | 40    | 60    | 100        | 40         |















## (SCHEME OF EXAMINATIONS)

Scheme of Programme Code: 028      Programme Name: BACHELOR OF TECHNOLOGY (ELECTRONICS AND COMMUNICATIONS ENGINEERING)      SchemeID: 190282015001      Sem./Year: 06 SEMESTER  
Institution Code: 255      Institution: JIMS ENGINEERING MANAGEMENT TECHNICAL CAMPUS, GREATER NOIDA

| S.No. | Paper ID | Code    | Subject                            | Credit | Type      | Exam | Mode       | Kind      | Minor | Major | Max. Marks | Pass Marks |
|-------|----------|---------|------------------------------------|--------|-----------|------|------------|-----------|-------|-------|------------|------------|
| 01    | 28302    | ETEC302 | MICROWAVE ENGINEERING              | 4      | THEORY    | UES  | COMPULSORY | MANDATORY | 25    | 75    | 100        | 40         |
| 02    | 28304    | ETEC304 | INFORMATION THEORY AND CODING      | 4      | THEORY    | UES  | COMPULSORY | DROPPABLE | 25    | 75    | 100        | 40         |
| 03    | 28306    | ETEC306 | DIGITAL SIGNAL PROCESSING          | 4      | THEORY    | UES  | COMPULSORY | MANDATORY | 25    | 75    | 100        | 40         |
| 04    | 28308    | ETEC308 | VLSI DESIGN                        | 4      | THEORY    | UES  | COMPULSORY | MANDATORY | 25    | 75    | 100        | 40         |
| 05    | 28310    | ETEC310 | DATA COMMUNICATION AND NETWORKS    | 4      | THEORY    | UES  | COMPULSORY | MANDATORY | 25    | 75    | 100        | 40         |
| 06    | 28314    | ETEC314 | ANTENNA AND WAVE PROPAGATION       | 4      | THEORY    | UES  | COMPULSORY | DROPPABLE | 25    | 75    | 100        | 40         |
| 07    | 28352    | ETEC352 | MICROWAVE ENGINEERING LAB          | 1      | PRACTICAL | UES  | COMPULSORY | DROPPABLE | 40    | 60    | 100        | 40         |
| 08    | 28354    | ETEC354 | VLSI DESIGN LAB                    | 1      | PRACTICAL | UES  | COMPULSORY | DROPPABLE | 40    | 60    | 100        | 40         |
| 09    | 28356    | ETEC356 | DIGITAL SIGNAL PROCESSING LAB      | 1      | PRACTICAL | UES  | COMPULSORY | DROPPABLE | 40    | 60    | 100        | 40         |
| 10    | 28358    | ETEC358 | DATA COMMUNICATION AND NETWORK LAB | 1      | PRACTICAL | UES  | COMPULSORY | DROPPABLE | 40    | 60    | 100        | 40         |
| 11    | 28360    | ETEC360 | INDUSTRIAL/IN-HOUSE TRAINING#      | 1      | PRACTICAL | UES  | COMPULSORY | DROPPABLE | 40    | 60    | 100        | 40         |

## (SCHEME OF EXAMINATIONS)

Scheme of Programme Code: 028      Programme Name: BACHELOR OF TECHNOLOGY (ELECTRONICS AND COMMUNICATIONS ENGINEERING)      SchemeID: 190282015002      Sem./Year: 06 SEMESTER  
Institution Code: 255      Institution: JIMS ENGINEERING MANAGEMENT TECHNICAL CAMPUS, GREATER NOIDA

| S.No. | Paper ID | Code    | Subject                            | Credit | Type      | Exam | Mode       | Kind      | Minor | Major | Max. Marks | Pass Marks |
|-------|----------|---------|------------------------------------|--------|-----------|------|------------|-----------|-------|-------|------------|------------|
| 01    | 28302    | ETEC302 | MICROWAVE ENGINEERING              | 4      | THEORY    | UES  | COMPULSORY | MANDATORY | 25    | 75    | 100        | 40         |
| 02    | 28304    | ETEC304 | INFORMATION THEORY AND CODING      | 4      | THEORY    | UES  | COMPULSORY | DROPPABLE | 25    | 75    | 100        | 40         |
| 03    | 28306    | ETEC306 | DIGITAL SIGNAL PROCESSING          | 4      | THEORY    | UES  | COMPULSORY | MANDATORY | 25    | 75    | 100        | 40         |
| 04    | 28308    | ETEC308 | VLSI DESIGN                        | 4      | THEORY    | UES  | COMPULSORY | MANDATORY | 25    | 75    | 100        | 40         |
| 05    | 28310    | ETEC310 | DATA COMMUNICATION AND NETWORKS    | 4      | THEORY    | UES  | COMPULSORY | MANDATORY | 25    | 75    | 100        | 40         |
| 06    | 28314    | ETEC314 | ANTENNA AND WAVE PROPAGATION       | 4      | THEORY    | UES  | COMPULSORY | DROPPABLE | 25    | 75    | 100        | 40         |
| 07    | 28352    | ETEC352 | MICROWAVE ENGINEERING LAB          | 1      | PRACTICAL | UES  | COMPULSORY | DROPPABLE | 40    | 60    | 100        | 40         |
| 08    | 28354    | ETEC354 | VLSI DESIGN LAB                    | 1      | PRACTICAL | UES  | COMPULSORY | DROPPABLE | 40    | 60    | 100        | 40         |
| 09    | 28356    | ETEC356 | DIGITAL SIGNAL PROCESSING LAB      | 1      | PRACTICAL | UES  | COMPULSORY | DROPPABLE | 40    | 60    | 100        | 40         |
| 10    | 28358    | ETEC358 | DATA COMMUNICATION AND NETWORK LAB | 1      | PRACTICAL | UES  | COMPULSORY | DROPPABLE | 40    | 60    | 100        | 40         |
| 11    | 28360    | ETEC360 | INDUSTRIAL/IN-HOUSE TRAINING#      | 1      | PRACTICAL | UES  | COMPULSORY | DROPPABLE | 40    | 60    | 100        | 40         |















## (SCHEME OF EXAMINATIONS)

Scheme of Programme Code: 028      Programme Name: BACHELOR OF TECHNOLOGY (ELECTRONICS AND COMMUNICATIONS ENGINEERING)      SchemeID: 190282015001      Sem./Year: 06 SEMESTER  
 Institution Code: 512      Institution: BHARATI VIDYAPEETH COLLEGE OF ENGINEERING

| S.No. | Paper ID | Code    | Subject                            | Credit | Type      | Exam | Mode       | Kind      | Minor | Major | Max. Marks | Pass Marks |
|-------|----------|---------|------------------------------------|--------|-----------|------|------------|-----------|-------|-------|------------|------------|
| 01    | 28302    | ETEC302 | MICROWAVE ENGINEERING              | 4      | THEORY    | UES  | COMPULSORY | MANDATORY | 25    | 75    | 100        | 40         |
| 02    | 28304    | ETEC304 | INFORMATION THEORY AND CODING      | 4      | THEORY    | UES  | COMPULSORY | DROPPABLE | 25    | 75    | 100        | 40         |
| 03    | 28306    | ETEC306 | DIGITAL SIGNAL PROCESSING          | 4      | THEORY    | UES  | COMPULSORY | MANDATORY | 25    | 75    | 100        | 40         |
| 04    | 28308    | ETEC308 | VLSI DESIGN                        | 4      | THEORY    | UES  | COMPULSORY | MANDATORY | 25    | 75    | 100        | 40         |
| 05    | 28310    | ETEC310 | DATA COMMUNICATION AND NETWORKS    | 4      | THEORY    | UES  | COMPULSORY | MANDATORY | 25    | 75    | 100        | 40         |
| 06    | 28314    | ETEC314 | ANTENNA AND WAVE PROPAGATION       | 4      | THEORY    | UES  | COMPULSORY | DROPPABLE | 25    | 75    | 100        | 40         |
| 07    | 28352    | ETEC352 | MICROWAVE ENGINEERING LAB          | 1      | PRACTICAL | UES  | COMPULSORY | DROPPABLE | 40    | 60    | 100        | 40         |
| 08    | 28354    | ETEC354 | VLSI DESIGN LAB                    | 1      | PRACTICAL | UES  | COMPULSORY | DROPPABLE | 40    | 60    | 100        | 40         |
| 09    | 28356    | ETEC356 | DIGITAL SIGNAL PROCESSING LAB      | 1      | PRACTICAL | UES  | COMPULSORY | DROPPABLE | 40    | 60    | 100        | 40         |
| 10    | 28358    | ETEC358 | DATA COMMUNICATION AND NETWORK LAB | 1      | PRACTICAL | UES  | COMPULSORY | DROPPABLE | 40    | 60    | 100        | 40         |
| 11    | 28360    | ETEC360 | INDUSTRIAL/IN-HOUSE TRAINING#      | 1      | PRACTICAL | UES  | COMPULSORY | DROPPABLE | 40    | 60    | 100        | 40         |

## (SCHEME OF EXAMINATIONS)

Scheme of Programme Code: 028      Programme Name: BACHELOR OF TECHNOLOGY (ELECTRONICS AND COMMUNICATIONS ENGINEERING)      SchemeID: 190282015002      Sem./Year: 06 SEMESTER  
 Institution Code: 512      Institution: BHARATI VIDYAPEETH COLLEGE OF ENGINEERING

| S.No. | Paper ID | Code    | Subject                            | Credit | Type      | Exam | Mode       | Kind      | Minor | Major | Max. Marks | Pass Marks |
|-------|----------|---------|------------------------------------|--------|-----------|------|------------|-----------|-------|-------|------------|------------|
| 01    | 28302    | ETEC302 | MICROWAVE ENGINEERING              | 4      | THEORY    | UES  | COMPULSORY | MANDATORY | 25    | 75    | 100        | 40         |
| 02    | 28304    | ETEC304 | INFORMATION THEORY AND CODING      | 4      | THEORY    | UES  | COMPULSORY | DROPPABLE | 25    | 75    | 100        | 40         |
| 03    | 28306    | ETEC306 | DIGITAL SIGNAL PROCESSING          | 4      | THEORY    | UES  | COMPULSORY | MANDATORY | 25    | 75    | 100        | 40         |
| 04    | 28308    | ETEC308 | VLSI DESIGN                        | 4      | THEORY    | UES  | COMPULSORY | MANDATORY | 25    | 75    | 100        | 40         |
| 05    | 28310    | ETEC310 | DATA COMMUNICATION AND NETWORKS    | 4      | THEORY    | UES  | COMPULSORY | MANDATORY | 25    | 75    | 100        | 40         |
| 06    | 28314    | ETEC314 | ANTENNA AND WAVE PROPAGATION       | 4      | THEORY    | UES  | COMPULSORY | DROPPABLE | 25    | 75    | 100        | 40         |
| 07    | 28352    | ETEC352 | MICROWAVE ENGINEERING LAB          | 1      | PRACTICAL | UES  | COMPULSORY | DROPPABLE | 40    | 60    | 100        | 40         |
| 08    | 28354    | ETEC354 | VLSI DESIGN LAB                    | 1      | PRACTICAL | UES  | COMPULSORY | DROPPABLE | 40    | 60    | 100        | 40         |
| 09    | 28356    | ETEC356 | DIGITAL SIGNAL PROCESSING LAB      | 1      | PRACTICAL | UES  | COMPULSORY | DROPPABLE | 40    | 60    | 100        | 40         |
| 10    | 28358    | ETEC358 | DATA COMMUNICATION AND NETWORK LAB | 1      | PRACTICAL | UES  | COMPULSORY | DROPPABLE | 40    | 60    | 100        | 40         |
| 11    | 28360    | ETEC360 | INDUSTRIAL/IN-HOUSE TRAINING#      | 1      | PRACTICAL | UES  | COMPULSORY | DROPPABLE | 40    | 60    | 100        | 40         |

## (SCHEME OF EXAMINATIONS)

Scheme of Programme Code: 028      Programme Name: BACHELOR OF TECHNOLOGY (ELECTRONICS AND COMMUNICATIONS ENGINEERING)      SchemeID: 190282015004      Sem./Year: 06 SEMESTER  
 Institution Code: 512      Institution: BHARATI VIDYAPEETH COLLEGE OF ENGINEERING

| S.No. | Paper ID | Code    | Subject                            | Credit | Type      | Exam | Mode       | Kind      | Minor | Major | Max. Marks | Pass Marks |
|-------|----------|---------|------------------------------------|--------|-----------|------|------------|-----------|-------|-------|------------|------------|
| 01    | 28302    | ETEC302 | MICROWAVE ENGINEERING              | 4      | THEORY    | UES  | COMPULSORY | MANDATORY | 25    | 75    | 100        | 40         |
| 02    | 28304    | ETEC304 | INFORMATION THEORY AND CODING      | 4      | THEORY    | UES  | COMPULSORY | DROPPABLE | 25    | 75    | 100        | 40         |
| 03    | 28306    | ETEC306 | DIGITAL SIGNAL PROCESSING          | 4      | THEORY    | UES  | COMPULSORY | MANDATORY | 25    | 75    | 100        | 40         |
| 04    | 28308    | ETEC308 | VLSI DESIGN                        | 4      | THEORY    | UES  | COMPULSORY | MANDATORY | 25    | 75    | 100        | 40         |
| 05    | 28310    | ETEC310 | DATA COMMUNICATION AND NETWORKS    | 4      | THEORY    | UES  | COMPULSORY | MANDATORY | 25    | 75    | 100        | 40         |
| 06    | 28314    | ETEC314 | ANTENNA AND WAVE PROPAGATION       | 4      | THEORY    | UES  | COMPULSORY | DROPPABLE | 25    | 75    | 100        | 40         |
| 07    | 28352    | ETEC352 | MICROWAVE ENGINEERING LAB          | 1      | PRACTICAL | UES  | COMPULSORY | DROPPABLE | 40    | 60    | 100        | 40         |
| 08    | 28354    | ETEC354 | VLSI DESIGN LAB                    | 1      | PRACTICAL | UES  | COMPULSORY | DROPPABLE | 40    | 60    | 100        | 40         |
| 09    | 28356    | ETEC356 | DIGITAL SIGNAL PROCESSING LAB      | 1      | PRACTICAL | UES  | COMPULSORY | DROPPABLE | 40    | 60    | 100        | 40         |
| 10    | 28358    | ETEC358 | DATA COMMUNICATION AND NETWORK LAB | 1      | PRACTICAL | UES  | COMPULSORY | DROPPABLE | 40    | 60    | 100        | 40         |
| 11    | 28360    | ETEC360 | INDUSTRIAL/IN-HOUSE TRAINING#      | 1      | PRACTICAL | UES  | COMPULSORY | DROPPABLE | 40    | 60    | 100        | 40         |















## (SCHEME OF EXAMINATIONS)

Scheme of Programme Code: 028      Programme Name: BACHELOR OF TECHNOLOGY (ELECTRONICS AND COMMUNICATIONS ENGINEERING)      SchemeID: 190282015001      Sem./Year: 06 SEMESTER  
 Institution Code: 551      Institution: MAHAVIR SWAMI INSTITUTE OF TECHNOLOGY

| S.No. | Paper ID | Code    | Subject                            | Credit | Type      | Exam | Mode       | Kind      | Minor | Major | Max. Marks | Pass Marks |
|-------|----------|---------|------------------------------------|--------|-----------|------|------------|-----------|-------|-------|------------|------------|
| 01    | 28302    | ETEC302 | MICROWAVE ENGINEERING              | 4      | THEORY    | UES  | COMPULSORY | MANDATORY | 25    | 75    | 100        | 40         |
| 02    | 28304    | ETEC304 | INFORMATION THEORY AND CODING      | 4      | THEORY    | UES  | COMPULSORY | DROPPABLE | 25    | 75    | 100        | 40         |
| 03    | 28306    | ETEC306 | DIGITAL SIGNAL PROCESSING          | 4      | THEORY    | UES  | COMPULSORY | MANDATORY | 25    | 75    | 100        | 40         |
| 04    | 28308    | ETEC308 | VLSI DESIGN                        | 4      | THEORY    | UES  | COMPULSORY | MANDATORY | 25    | 75    | 100        | 40         |
| 05    | 28310    | ETEC310 | DATA COMMUNICATION AND NETWORKS    | 4      | THEORY    | UES  | COMPULSORY | MANDATORY | 25    | 75    | 100        | 40         |
| 06    | 28314    | ETEC314 | ANTENNA AND WAVE PROPAGATION       | 4      | THEORY    | UES  | COMPULSORY | DROPPABLE | 25    | 75    | 100        | 40         |
| 07    | 28352    | ETEC352 | MICROWAVE ENGINEERING LAB          | 1      | PRACTICAL | UES  | COMPULSORY | DROPPABLE | 40    | 60    | 100        | 40         |
| 08    | 28354    | ETEC354 | VLSI DESIGN LAB                    | 1      | PRACTICAL | UES  | COMPULSORY | DROPPABLE | 40    | 60    | 100        | 40         |
| 09    | 28356    | ETEC356 | DIGITAL SIGNAL PROCESSING LAB      | 1      | PRACTICAL | UES  | COMPULSORY | DROPPABLE | 40    | 60    | 100        | 40         |
| 10    | 28358    | ETEC358 | DATA COMMUNICATION AND NETWORK LAB | 1      | PRACTICAL | UES  | COMPULSORY | DROPPABLE | 40    | 60    | 100        | 40         |
| 11    | 28360    | ETEC360 | INDUSTRIAL/IN-HOUSE TRAINING#      | 1      | PRACTICAL | UES  | COMPULSORY | DROPPABLE | 40    | 60    | 100        | 40         |





## (SCHEME OF EXAMINATIONS)

Scheme of Programme Code: 028      Programme Name: BACHELOR OF TECHNOLOGY (ELECTRONICS AND COMMUNICATIONS ENGINEERING)      SchemeID: 190282015001      Sem./Year: 06 SEMESTER  
 Institution Code: 768      Institution: GURU TEGH BAHADUR INSTITUTE OF TECHNOLOGY

| S.No. | Paper ID | Code    | Subject                            | Credit | Type      | Exam | Mode       | Kind      | Minor | Major | Max. Marks | Pass Marks |
|-------|----------|---------|------------------------------------|--------|-----------|------|------------|-----------|-------|-------|------------|------------|
| 01    | 28302    | ETEC302 | MICROWAVE ENGINEERING              | 4      | THEORY    | UES  | COMPULSORY | MANDATORY | 25    | 75    | 100        | 40         |
| 02    | 28304    | ETEC304 | INFORMATION THEORY AND CODING      | 4      | THEORY    | UES  | COMPULSORY | DROPPABLE | 25    | 75    | 100        | 40         |
| 03    | 28306    | ETEC306 | DIGITAL SIGNAL PROCESSING          | 4      | THEORY    | UES  | COMPULSORY | MANDATORY | 25    | 75    | 100        | 40         |
| 04    | 28308    | ETEC308 | VLSI DESIGN                        | 4      | THEORY    | UES  | COMPULSORY | MANDATORY | 25    | 75    | 100        | 40         |
| 05    | 28310    | ETEC310 | DATA COMMUNICATION AND NETWORKS    | 4      | THEORY    | UES  | COMPULSORY | MANDATORY | 25    | 75    | 100        | 40         |
| 06    | 28314    | ETEC314 | ANTENNA AND WAVE PROPAGATION       | 4      | THEORY    | UES  | COMPULSORY | DROPPABLE | 25    | 75    | 100        | 40         |
| 07    | 28352    | ETEC352 | MICROWAVE ENGINEERING LAB          | 1      | PRACTICAL | UES  | COMPULSORY | DROPPABLE | 40    | 60    | 100        | 40         |
| 08    | 28354    | ETEC354 | VLSI DESIGN LAB                    | 1      | PRACTICAL | UES  | COMPULSORY | DROPPABLE | 40    | 60    | 100        | 40         |
| 09    | 28356    | ETEC356 | DIGITAL SIGNAL PROCESSING LAB      | 1      | PRACTICAL | UES  | COMPULSORY | DROPPABLE | 40    | 60    | 100        | 40         |
| 10    | 28358    | ETEC358 | DATA COMMUNICATION AND NETWORK LAB | 1      | PRACTICAL | UES  | COMPULSORY | DROPPABLE | 40    | 60    | 100        | 40         |
| 11    | 28360    | ETEC360 | INDUSTRIAL/IN-HOUSE TRAINING#      | 1      | PRACTICAL | UES  | COMPULSORY | DROPPABLE | 40    | 60    | 100        | 40         |

## (SCHEME OF EXAMINATIONS)

Scheme of Programme Code: 028      Programme Name: BACHELOR OF TECHNOLOGY (ELECTRONICS AND COMMUNICATIONS ENGINEERING)      SchemeID: 190282015002      Sem./Year: 06 SEMESTER  
 Institution Code: 768      Institution: GURU TEGH BAHADUR INSTITUTE OF TECHNOLOGY

| S.No. | Paper ID | Code    | Subject                            | Credit | Type      | Exam | Mode       | Kind      | Minor | Major | Max. Marks | Pass Marks |
|-------|----------|---------|------------------------------------|--------|-----------|------|------------|-----------|-------|-------|------------|------------|
| 01    | 28302    | ETEC302 | MICROWAVE ENGINEERING              | 4      | THEORY    | UES  | COMPULSORY | MANDATORY | 25    | 75    | 100        | 40         |
| 02    | 28304    | ETEC304 | INFORMATION THEORY AND CODING      | 4      | THEORY    | UES  | COMPULSORY | DROPPABLE | 25    | 75    | 100        | 40         |
| 03    | 28306    | ETEC306 | DIGITAL SIGNAL PROCESSING          | 4      | THEORY    | UES  | COMPULSORY | MANDATORY | 25    | 75    | 100        | 40         |
| 04    | 28308    | ETEC308 | VLSI DESIGN                        | 4      | THEORY    | UES  | COMPULSORY | MANDATORY | 25    | 75    | 100        | 40         |
| 05    | 28310    | ETEC310 | DATA COMMUNICATION AND NETWORKS    | 4      | THEORY    | UES  | COMPULSORY | MANDATORY | 25    | 75    | 100        | 40         |
| 06    | 28314    | ETEC314 | ANTENNA AND WAVE PROPAGATION       | 4      | THEORY    | UES  | COMPULSORY | DROPPABLE | 25    | 75    | 100        | 40         |
| 07    | 28352    | ETEC352 | MICROWAVE ENGINEERING LAB          | 1      | PRACTICAL | UES  | COMPULSORY | DROPPABLE | 40    | 60    | 100        | 40         |
| 08    | 28354    | ETEC354 | VLSI DESIGN LAB                    | 1      | PRACTICAL | UES  | COMPULSORY | DROPPABLE | 40    | 60    | 100        | 40         |
| 09    | 28356    | ETEC356 | DIGITAL SIGNAL PROCESSING LAB      | 1      | PRACTICAL | UES  | COMPULSORY | DROPPABLE | 40    | 60    | 100        | 40         |
| 10    | 28358    | ETEC358 | DATA COMMUNICATION AND NETWORK LAB | 1      | PRACTICAL | UES  | COMPULSORY | DROPPABLE | 40    | 60    | 100        | 40         |
| 11    | 28360    | ETEC360 | INDUSTRIAL/IN-HOUSE TRAINING#      | 1      | PRACTICAL | UES  | COMPULSORY | DROPPABLE | 40    | 60    | 100        | 40         |













LEGEND

| PAPERID(CREDITS) |          |
|------------------|----------|
| Internal         | External |
| TOTAL(GRADE)     |          |

A: Absent C: Cancelled  
 D: Detained RL: Result Later  
 CS: Credits Secured  
 AP: Already Passed

Result of Programme Code: 028 Programme Name: BACHELOR OF TECHNOLOGY (ELECTRONICS AND COMMUNICATIONS ENGINEERING) Sem./Year: 06 SEMESTER Batch: 2015 Examination: REGULAR May, 2018

| S.No. | Photo.   | Roll no./Name  | Institution Code: 768 Institution: GURU TEGH BAHADUR INSTITUTE OF TECHNOLOGY |          |          |          |          |          |          |          |          |          |          |    | CS/Remarks |    |    |    |    |    |    |    |    |    |    |
|-------|--|--|--|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----|------------|----|----|----|----|----|----|----|----|----|----|
|       |  |  | 28302(4)   | 28304(4) | 28306(4) | 28308(4) | 28310(4) | 28314(4) | 28352(1) | 28354(1) | 28356(1) | 28358(1) | 28360(1) |    |            |    |    |    |    |    |    |    |    |    |    |
| 51    |    | 40876802815<br>RAJAT<br>SID: 190000086716<br>SchemeID: 190282015001              | 20   | 48       | 16       | 48       | 17       | 52       | 19       | 41       | 19       | 46       | 20       | 35 | 35         | 49 | 32 | 50 | 31 | 46 | 33 | 51 | 38 | 54 | 29 |
|       |  |  | 68(A)  | 64(B+)   | 69(A)    | 60(B+)   | 65(A)    | 55(B+)   | 84(A+)   | 82(A+)   | 77(A+)   | 84(A+)   | 92(O)    |    |            |    |    |    |    |    |    |    |    |    |    |
|       |  |  | 28302(4)   | 28304(4) | 28306(4) | 28308(4) | 28310(4) | 28314(4) | 28352(1) | 28354(1) | 28356(1) | 28358(1) | 28360(1) |    |            |    |    |    |    |    |    |    |    |    |    |
| 52    |    | 00276807316<br>RAVI KUMAR CHAUHAN<br>SID: 190000098288<br>SchemeID: 190282015002 | 14   | 49       | 14       | 37       | 17       | 34       | 16       | 32       | 16       | 36       | 16       | 33 | 30         | 50 | 30 | 48 | 35 | 45 | 33 | 52 | 38 | 51 | 29 |
|       |  |  | 63(B+)   | 51(B)    | 51(B)    | 48(C)    | 52(B)    | 49(C)    | 80(A+)   | 78(A+)   | 80(A+)   | 85(A+)   | 89(A+)   |    |            |    |    |    |    |    |    |    |    |    |    |
|       |  |  | 28302(4)   | 28304(4) | 28306(4) | 28308(4) | 28310(4) | 28314(4) | 28352(1) | 28354(1) | 28356(1) | 28358(1) | 28360(1) |    |            |    |    |    |    |    |    |    |    |    |    |
| 53    |    | 00376807316<br>SANJAY SINGH<br>SID: 190000098289<br>SchemeID: 190282015002       | 19   | 47       | 17       | 50       | 18       | 43       | 17       | 35       | 15       | 41       | 23       | 49 | 31         | 48 | 31 | 48 | 37 | 47 | 33 | 50 | 38 | 53 | 29 |
|       |  |  | 66(A)  | 67(A)    | 61(B+)   | 52(B)    | 56(B+)   | 72(A)    | 79(A+)   | 79(A+)   | 84(A+)   | 83(A+)   | 91(O)    |    |            |    |    |    |    |    |    |    |    |    |    |
|       |  |  | 28302(4)   | 28304(4) | 28306(4) | 28308(4) | 28310(4) | 28314(4) | 28352(1) | 28354(1) | 28356(1) | 28358(1) | 28360(1) |    |            |    |    |    |    |    |    |    |    |    |    |
| 54    |   | 40176807316<br>SACHIN SHARMA<br>SID: 190000097887<br>SchemeID: 190282015002      | 15   | 38       | 13       | 40       | 12       | 30       | 12       | 31       | 14       | 43       | 16       | 27 | 28         | 49 | 28 | 48 | 31 | 40 | 32 | 51 | 38 | 51 | 29 |
|       |  |  | 53(B)  | 53(B)    | 42(P)    | 43(P)    | 57(B+)   | 43(P)    | 77(A+)   | 76(A+)   | 71(A)    | 83(A+)   | 89(A+)   |    |            |    |    |    |    |    |    |    |    |    |    |
|       |  |  | 28302(4)   | 28304(4) | 28306(4) | 28308(4) | 28310(4) | 28314(4) | 28352(1) | 28354(1) | 28356(1) | 28358(1) | 28360(1) |    |            |    |    |    |    |    |    |    |    |    |    |
| 55    |  | 40276807316<br>RAHUL SHARMA<br>SID: 190000097888<br>SchemeID: 190282015002       | 13   | 48       | 11       | 55       | 14       | 13       | 11       | 28       | 17       | 37       | 16       | 12 | 31         | 49 | 28 | 42 | 31 | 40 | 34 | 53 | 33 | 52 | 21 |
|       |  |  | 61(B+)   | 66(A)    | 27(F)    | 40(P)*   | 54(B)    | 28(F)    | 80(A+)   | 70(A)    | 71(A)    | 87(A+)   | 85(A+)   |    |            |    |    |    |    |    |    |    |    |    |    |
|       |  |  | 28302(4)   | 28304(4) | 28306(4) | 28308(4) | 28310(4) | 28314(4) | 28352(1) | 28354(1) | 28356(1) | 28358(1) | 28360(1) |    |            |    |    |    |    |    |    |    |    |    |    |
| 56    |  |  |  |          |          |          |          |          |          |          |          |          |          |    |            |    |    |    |    |    |    |    |    |    |    |
| 57    |  |  |  |          |          |          |          |          |          |          |          |          |          |    |            |    |    |    |    |    |    |    |    |    |    |
| 58    |  |  |  |          |          |          |          |          |          |          |          |          |          |    |            |    |    |    |    |    |    |    |    |    |    |
| 59    |  |  |  |          |          |          |          |          |          |          |          |          |          |    |            |    |    |    |    |    |    |    |    |    |    |
| 60    |  |  |  |          |          |          |          |          |          |          |          |          |          |    |            |    |    |    |    |    |    |    |    |    |    |

\*Passed with Grace Marks

RTSID: 2018073002820157680173

\*SID: Student ID; SchemeID: The scheme applicable to the student.

Date on which pdf made: 01/08/2018

## (SCHEME OF EXAMINATIONS)

Scheme of Programme Code: 028      Programme Name: BACHELOR OF TECHNOLOGY (ELECTRONICS AND COMMUNICATIONS ENGINEERING)      SchemeID: 190282015001      Sem./Year: 06 SEMESTER  
 Institution Code: 962      Institution: NORTHERN INDIA ENGINEERING COLLEGE

| S.No. | Paper ID | Code    | Subject                            | Credit | Type      | Exam | Mode       | Kind      | Minor | Major | Max. Marks | Pass Marks |
|-------|----------|---------|------------------------------------|--------|-----------|------|------------|-----------|-------|-------|------------|------------|
| 01    | 28302    | ETEC302 | MICROWAVE ENGINEERING              | 4      | THEORY    | UES  | COMPULSORY | MANDATORY | 25    | 75    | 100        | 40         |
| 02    | 28304    | ETEC304 | INFORMATION THEORY AND CODING      | 4      | THEORY    | UES  | COMPULSORY | DROPPABLE | 25    | 75    | 100        | 40         |
| 03    | 28306    | ETEC306 | DIGITAL SIGNAL PROCESSING          | 4      | THEORY    | UES  | COMPULSORY | MANDATORY | 25    | 75    | 100        | 40         |
| 04    | 28308    | ETEC308 | VLSI DESIGN                        | 4      | THEORY    | UES  | COMPULSORY | MANDATORY | 25    | 75    | 100        | 40         |
| 05    | 28310    | ETEC310 | DATA COMMUNICATION AND NETWORKS    | 4      | THEORY    | UES  | COMPULSORY | MANDATORY | 25    | 75    | 100        | 40         |
| 06    | 28314    | ETEC314 | ANTENNA AND WAVE PROPAGATION       | 4      | THEORY    | UES  | COMPULSORY | DROPPABLE | 25    | 75    | 100        | 40         |
| 07    | 28352    | ETEC352 | MICROWAVE ENGINEERING LAB          | 1      | PRACTICAL | UES  | COMPULSORY | DROPPABLE | 40    | 60    | 100        | 40         |
| 08    | 28354    | ETEC354 | VLSI DESIGN LAB                    | 1      | PRACTICAL | UES  | COMPULSORY | DROPPABLE | 40    | 60    | 100        | 40         |
| 09    | 28356    | ETEC356 | DIGITAL SIGNAL PROCESSING LAB      | 1      | PRACTICAL | UES  | COMPULSORY | DROPPABLE | 40    | 60    | 100        | 40         |
| 10    | 28358    | ETEC358 | DATA COMMUNICATION AND NETWORK LAB | 1      | PRACTICAL | UES  | COMPULSORY | DROPPABLE | 40    | 60    | 100        | 40         |
| 11    | 28360    | ETEC360 | INDUSTRIAL/IN-HOUSE TRAINING#      | 1      | PRACTICAL | UES  | COMPULSORY | DROPPABLE | 40    | 60    | 100        | 40         |

## (SCHEME OF EXAMINATIONS)

Scheme of Programme Code: 028      Programme Name: BACHELOR OF TECHNOLOGY (ELECTRONICS AND COMMUNICATIONS ENGINEERING)      SchemeID: 190282015002      Sem./Year: 06 SEMESTER  
 Institution Code: 962      Institution: NORTHERN INDIA ENGINEERING COLLEGE

| S.No. | Paper ID | Code    | Subject                            | Credit | Type      | Exam | Mode       | Kind      | Minor | Major | Max. Marks | Pass Marks |
|-------|----------|---------|------------------------------------|--------|-----------|------|------------|-----------|-------|-------|------------|------------|
| 01    | 28302    | ETEC302 | MICROWAVE ENGINEERING              | 4      | THEORY    | UES  | COMPULSORY | MANDATORY | 25    | 75    | 100        | 40         |
| 02    | 28304    | ETEC304 | INFORMATION THEORY AND CODING      | 4      | THEORY    | UES  | COMPULSORY | DROPPABLE | 25    | 75    | 100        | 40         |
| 03    | 28306    | ETEC306 | DIGITAL SIGNAL PROCESSING          | 4      | THEORY    | UES  | COMPULSORY | MANDATORY | 25    | 75    | 100        | 40         |
| 04    | 28308    | ETEC308 | VLSI DESIGN                        | 4      | THEORY    | UES  | COMPULSORY | MANDATORY | 25    | 75    | 100        | 40         |
| 05    | 28310    | ETEC310 | DATA COMMUNICATION AND NETWORKS    | 4      | THEORY    | UES  | COMPULSORY | MANDATORY | 25    | 75    | 100        | 40         |
| 06    | 28314    | ETEC314 | ANTENNA AND WAVE PROPAGATION       | 4      | THEORY    | UES  | COMPULSORY | DROPPABLE | 25    | 75    | 100        | 40         |
| 07    | 28352    | ETEC352 | MICROWAVE ENGINEERING LAB          | 1      | PRACTICAL | UES  | COMPULSORY | DROPPABLE | 40    | 60    | 100        | 40         |
| 08    | 28354    | ETEC354 | VLSI DESIGN LAB                    | 1      | PRACTICAL | UES  | COMPULSORY | DROPPABLE | 40    | 60    | 100        | 40         |
| 09    | 28356    | ETEC356 | DIGITAL SIGNAL PROCESSING LAB      | 1      | PRACTICAL | UES  | COMPULSORY | DROPPABLE | 40    | 60    | 100        | 40         |
| 10    | 28358    | ETEC358 | DATA COMMUNICATION AND NETWORK LAB | 1      | PRACTICAL | UES  | COMPULSORY | DROPPABLE | 40    | 60    | 100        | 40         |
| 11    | 28360    | ETEC360 | INDUSTRIAL/IN-HOUSE TRAINING#      | 1      | PRACTICAL | UES  | COMPULSORY | DROPPABLE | 40    | 60    | 100        | 40         |

















## (SCHEME OF EXAMINATIONS)

Scheme of Programme Code: 028      Programme Name: BACHELOR OF TECHNOLOGY (ELECTRONICS AND COMMUNICATIONS ENGINEERING)      SchemeID: 190282015001      Sem./Year: 06 SEMESTER  
 Institution Code: 963      Institution: MAHARAJA SURAJMAL INSTITUTE OF TECHNOLOGY

| S.No. | Paper ID | Code    | Subject                            | Credit | Type      | Exam | Mode       | Kind      | Minor | Major | Max. Marks | Pass Marks |
|-------|----------|---------|------------------------------------|--------|-----------|------|------------|-----------|-------|-------|------------|------------|
| 01    | 28302    | ETEC302 | MICROWAVE ENGINEERING              | 4      | THEORY    | UES  | COMPULSORY | MANDATORY | 25    | 75    | 100        | 40         |
| 02    | 28304    | ETEC304 | INFORMATION THEORY AND CODING      | 4      | THEORY    | UES  | COMPULSORY | DROPPABLE | 25    | 75    | 100        | 40         |
| 03    | 28306    | ETEC306 | DIGITAL SIGNAL PROCESSING          | 4      | THEORY    | UES  | COMPULSORY | MANDATORY | 25    | 75    | 100        | 40         |
| 04    | 28308    | ETEC308 | VLSI DESIGN                        | 4      | THEORY    | UES  | COMPULSORY | MANDATORY | 25    | 75    | 100        | 40         |
| 05    | 28310    | ETEC310 | DATA COMMUNICATION AND NETWORKS    | 4      | THEORY    | UES  | COMPULSORY | MANDATORY | 25    | 75    | 100        | 40         |
| 06    | 28314    | ETEC314 | ANTENNA AND WAVE PROPAGATION       | 4      | THEORY    | UES  | COMPULSORY | DROPPABLE | 25    | 75    | 100        | 40         |
| 07    | 28352    | ETEC352 | MICROWAVE ENGINEERING LAB          | 1      | PRACTICAL | UES  | COMPULSORY | DROPPABLE | 40    | 60    | 100        | 40         |
| 08    | 28354    | ETEC354 | VLSI DESIGN LAB                    | 1      | PRACTICAL | UES  | COMPULSORY | DROPPABLE | 40    | 60    | 100        | 40         |
| 09    | 28356    | ETEC356 | DIGITAL SIGNAL PROCESSING LAB      | 1      | PRACTICAL | UES  | COMPULSORY | DROPPABLE | 40    | 60    | 100        | 40         |
| 10    | 28358    | ETEC358 | DATA COMMUNICATION AND NETWORK LAB | 1      | PRACTICAL | UES  | COMPULSORY | DROPPABLE | 40    | 60    | 100        | 40         |
| 11    | 28360    | ETEC360 | INDUSTRIAL/IN-HOUSE TRAINING#      | 1      | PRACTICAL | UES  | COMPULSORY | DROPPABLE | 40    | 60    | 100        | 40         |

## (SCHEME OF EXAMINATIONS)

Scheme of Programme Code: 028      Programme Name: BACHELOR OF TECHNOLOGY (ELECTRONICS AND COMMUNICATIONS ENGINEERING)      SchemeID: 190282015002      Sem./Year: 06 SEMESTER  
Institution Code: 963      Institution: MAHARAJA SURAJMAL INSTITUTE OF TECHNOLOGY

| S.No. | Paper ID | Code    | Subject                            | Credit | Type      | Exam | Mode       | Kind      | Minor | Major | Max. Marks | Pass Marks |
|-------|----------|---------|------------------------------------|--------|-----------|------|------------|-----------|-------|-------|------------|------------|
| 01    | 28302    | ETEC302 | MICROWAVE ENGINEERING              | 4      | THEORY    | UES  | COMPULSORY | MANDATORY | 25    | 75    | 100        | 40         |
| 02    | 28304    | ETEC304 | INFORMATION THEORY AND CODING      | 4      | THEORY    | UES  | COMPULSORY | DROPPABLE | 25    | 75    | 100        | 40         |
| 03    | 28306    | ETEC306 | DIGITAL SIGNAL PROCESSING          | 4      | THEORY    | UES  | COMPULSORY | MANDATORY | 25    | 75    | 100        | 40         |
| 04    | 28308    | ETEC308 | VLSI DESIGN                        | 4      | THEORY    | UES  | COMPULSORY | MANDATORY | 25    | 75    | 100        | 40         |
| 05    | 28310    | ETEC310 | DATA COMMUNICATION AND NETWORKS    | 4      | THEORY    | UES  | COMPULSORY | MANDATORY | 25    | 75    | 100        | 40         |
| 06    | 28314    | ETEC314 | ANTENNA AND WAVE PROPAGATION       | 4      | THEORY    | UES  | COMPULSORY | DROPPABLE | 25    | 75    | 100        | 40         |
| 07    | 28352    | ETEC352 | MICROWAVE ENGINEERING LAB          | 1      | PRACTICAL | UES  | COMPULSORY | DROPPABLE | 40    | 60    | 100        | 40         |
| 08    | 28354    | ETEC354 | VLSI DESIGN LAB                    | 1      | PRACTICAL | UES  | COMPULSORY | DROPPABLE | 40    | 60    | 100        | 40         |
| 09    | 28356    | ETEC356 | DIGITAL SIGNAL PROCESSING LAB      | 1      | PRACTICAL | UES  | COMPULSORY | DROPPABLE | 40    | 60    | 100        | 40         |
| 10    | 28358    | ETEC358 | DATA COMMUNICATION AND NETWORK LAB | 1      | PRACTICAL | UES  | COMPULSORY | DROPPABLE | 40    | 60    | 100        | 40         |
| 11    | 28360    | ETEC360 | INDUSTRIAL/IN-HOUSE TRAINING#      | 1      | PRACTICAL | UES  | COMPULSORY | DROPPABLE | 40    | 60    | 100        | 40         |



## (SCHEME OF EXAMINATIONS)

Scheme of Programme Code: 028      Programme Name: BACHELOR OF TECHNOLOGY (ELECTRONICS AND COMMUNICATIONS ENGINEERING)      SchemeID: 190282015004      Sem./Year: 06 SEMESTER  
 Institution Code: 963      Institution: MAHARAJA SURAJMAL INSTITUTE OF TECHNOLOGY

| S.No. | Paper ID | Code    | Subject                            | Credit | Type      | Exam | Mode       | Kind      | Minor | Major | Max. Marks | Pass Marks |
|-------|----------|---------|------------------------------------|--------|-----------|------|------------|-----------|-------|-------|------------|------------|
| 01    | 28302    | ETEC302 | MICROWAVE ENGINEERING              | 4      | THEORY    | UES  | COMPULSORY | MANDATORY | 25    | 75    | 100        | 40         |
| 02    | 28304    | ETEC304 | INFORMATION THEORY AND CODING      | 4      | THEORY    | UES  | COMPULSORY | DROPPABLE | 25    | 75    | 100        | 40         |
| 03    | 28306    | ETEC306 | DIGITAL SIGNAL PROCESSING          | 4      | THEORY    | UES  | COMPULSORY | MANDATORY | 25    | 75    | 100        | 40         |
| 04    | 28308    | ETEC308 | VLSI DESIGN                        | 4      | THEORY    | UES  | COMPULSORY | MANDATORY | 25    | 75    | 100        | 40         |
| 05    | 28310    | ETEC310 | DATA COMMUNICATION AND NETWORKS    | 4      | THEORY    | UES  | COMPULSORY | MANDATORY | 25    | 75    | 100        | 40         |
| 06    | 28314    | ETEC314 | ANTENNA AND WAVE PROPAGATION       | 4      | THEORY    | UES  | COMPULSORY | DROPPABLE | 25    | 75    | 100        | 40         |
| 07    | 28352    | ETEC352 | MICROWAVE ENGINEERING LAB          | 1      | PRACTICAL | UES  | COMPULSORY | DROPPABLE | 40    | 60    | 100        | 40         |
| 08    | 28354    | ETEC354 | VLSI DESIGN LAB                    | 1      | PRACTICAL | UES  | COMPULSORY | DROPPABLE | 40    | 60    | 100        | 40         |
| 09    | 28356    | ETEC356 | DIGITAL SIGNAL PROCESSING LAB      | 1      | PRACTICAL | UES  | COMPULSORY | DROPPABLE | 40    | 60    | 100        | 40         |
| 10    | 28358    | ETEC358 | DATA COMMUNICATION AND NETWORK LAB | 1      | PRACTICAL | UES  | COMPULSORY | DROPPABLE | 40    | 60    | 100        | 40         |
| 11    | 28360    | ETEC360 | INDUSTRIAL/IN-HOUSE TRAINING#      | 1      | PRACTICAL | UES  | COMPULSORY | DROPPABLE | 40    | 60    | 100        | 40         |













## (SCHEME OF EXAMINATIONS)

Scheme of Programme Code: 028      Programme Name: BACHELOR OF TECHNOLOGY (ELECTRONICS AND COMMUNICATIONS ENGINEERING)      SchemeID: 190282015001      Sem./Year: 06 SEMESTER  
Institution Code: 964      Institution: MAHARAJA AGRASEN INSTITUTE OF TECHNOLOGY

| S.No. | Paper ID | Code    | Subject                            | Credit | Type      | Exam | Mode       | Kind      | Minor | Major | Max. Marks | Pass Marks |
|-------|----------|---------|------------------------------------|--------|-----------|------|------------|-----------|-------|-------|------------|------------|
| 01    | 28302    | ETEC302 | MICROWAVE ENGINEERING              | 4      | THEORY    | UES  | COMPULSORY | MANDATORY | 25    | 75    | 100        | 40         |
| 02    | 28304    | ETEC304 | INFORMATION THEORY AND CODING      | 4      | THEORY    | UES  | COMPULSORY | DROPPABLE | 25    | 75    | 100        | 40         |
| 03    | 28306    | ETEC306 | DIGITAL SIGNAL PROCESSING          | 4      | THEORY    | UES  | COMPULSORY | MANDATORY | 25    | 75    | 100        | 40         |
| 04    | 28308    | ETEC308 | VLSI DESIGN                        | 4      | THEORY    | UES  | COMPULSORY | MANDATORY | 25    | 75    | 100        | 40         |
| 05    | 28310    | ETEC310 | DATA COMMUNICATION AND NETWORKS    | 4      | THEORY    | UES  | COMPULSORY | MANDATORY | 25    | 75    | 100        | 40         |
| 06    | 28314    | ETEC314 | ANTENNA AND WAVE PROPAGATION       | 4      | THEORY    | UES  | COMPULSORY | DROPPABLE | 25    | 75    | 100        | 40         |
| 07    | 28352    | ETEC352 | MICROWAVE ENGINEERING LAB          | 1      | PRACTICAL | UES  | COMPULSORY | DROPPABLE | 40    | 60    | 100        | 40         |
| 08    | 28354    | ETEC354 | VLSI DESIGN LAB                    | 1      | PRACTICAL | UES  | COMPULSORY | DROPPABLE | 40    | 60    | 100        | 40         |
| 09    | 28356    | ETEC356 | DIGITAL SIGNAL PROCESSING LAB      | 1      | PRACTICAL | UES  | COMPULSORY | DROPPABLE | 40    | 60    | 100        | 40         |
| 10    | 28358    | ETEC358 | DATA COMMUNICATION AND NETWORK LAB | 1      | PRACTICAL | UES  | COMPULSORY | DROPPABLE | 40    | 60    | 100        | 40         |
| 11    | 28360    | ETEC360 | INDUSTRIAL/IN-HOUSE TRAINING#      | 1      | PRACTICAL | UES  | COMPULSORY | DROPPABLE | 40    | 60    | 100        | 40         |



## (SCHEME OF EXAMINATIONS)

Scheme of Programme Code: 028      Programme Name: BACHELOR OF TECHNOLOGY (ELECTRONICS AND COMMUNICATIONS ENGINEERING)      SchemeID: 190282015002      Sem./Year: 06 SEMESTER  
Institution Code: 964      Institution: MAHARAJA AGRASEN INSTITUTE OF TECHNOLOGY

| S.No. | Paper ID | Code    | Subject                            | Credit | Type      | Exam | Mode       | Kind      | Minor | Major | Max. Marks | Pass Marks |
|-------|----------|---------|------------------------------------|--------|-----------|------|------------|-----------|-------|-------|------------|------------|
| 01    | 28302    | ETEC302 | MICROWAVE ENGINEERING              | 4      | THEORY    | UES  | COMPULSORY | MANDATORY | 25    | 75    | 100        | 40         |
| 02    | 28304    | ETEC304 | INFORMATION THEORY AND CODING      | 4      | THEORY    | UES  | COMPULSORY | DROPPABLE | 25    | 75    | 100        | 40         |
| 03    | 28306    | ETEC306 | DIGITAL SIGNAL PROCESSING          | 4      | THEORY    | UES  | COMPULSORY | MANDATORY | 25    | 75    | 100        | 40         |
| 04    | 28308    | ETEC308 | VLSI DESIGN                        | 4      | THEORY    | UES  | COMPULSORY | MANDATORY | 25    | 75    | 100        | 40         |
| 05    | 28310    | ETEC310 | DATA COMMUNICATION AND NETWORKS    | 4      | THEORY    | UES  | COMPULSORY | MANDATORY | 25    | 75    | 100        | 40         |
| 06    | 28314    | ETEC314 | ANTENNA AND WAVE PROPAGATION       | 4      | THEORY    | UES  | COMPULSORY | DROPPABLE | 25    | 75    | 100        | 40         |
| 07    | 28352    | ETEC352 | MICROWAVE ENGINEERING LAB          | 1      | PRACTICAL | UES  | COMPULSORY | DROPPABLE | 40    | 60    | 100        | 40         |
| 08    | 28354    | ETEC354 | VLSI DESIGN LAB                    | 1      | PRACTICAL | UES  | COMPULSORY | DROPPABLE | 40    | 60    | 100        | 40         |
| 09    | 28356    | ETEC356 | DIGITAL SIGNAL PROCESSING LAB      | 1      | PRACTICAL | UES  | COMPULSORY | DROPPABLE | 40    | 60    | 100        | 40         |
| 10    | 28358    | ETEC358 | DATA COMMUNICATION AND NETWORK LAB | 1      | PRACTICAL | UES  | COMPULSORY | DROPPABLE | 40    | 60    | 100        | 40         |
| 11    | 28360    | ETEC360 | INDUSTRIAL/IN-HOUSE TRAINING#      | 1      | PRACTICAL | UES  | COMPULSORY | DROPPABLE | 40    | 60    | 100        | 40         |

## (SCHEME OF EXAMINATIONS)

Scheme of Programme Code: 028      Programme Name: BACHELOR OF TECHNOLOGY (ELECTRONICS AND COMMUNICATIONS ENGINEERING)      SchemeID: 190282015004      Sem./Year: 06 SEMESTER  
 Institution Code: 964      Institution: MAHARAJA AGRASEN INSTITUTE OF TECHNOLOGY

| S.No. | Paper ID | Code    | Subject                            | Credit | Type      | Exam | Mode       | Kind      | Minor | Major | Max. Marks | Pass Marks |
|-------|----------|---------|------------------------------------|--------|-----------|------|------------|-----------|-------|-------|------------|------------|
| 01    | 28302    | ETEC302 | MICROWAVE ENGINEERING              | 4      | THEORY    | UES  | COMPULSORY | MANDATORY | 25    | 75    | 100        | 40         |
| 02    | 28304    | ETEC304 | INFORMATION THEORY AND CODING      | 4      | THEORY    | UES  | COMPULSORY | DROPPABLE | 25    | 75    | 100        | 40         |
| 03    | 28306    | ETEC306 | DIGITAL SIGNAL PROCESSING          | 4      | THEORY    | UES  | COMPULSORY | MANDATORY | 25    | 75    | 100        | 40         |
| 04    | 28308    | ETEC308 | VLSI DESIGN                        | 4      | THEORY    | UES  | COMPULSORY | MANDATORY | 25    | 75    | 100        | 40         |
| 05    | 28310    | ETEC310 | DATA COMMUNICATION AND NETWORKS    | 4      | THEORY    | UES  | COMPULSORY | MANDATORY | 25    | 75    | 100        | 40         |
| 06    | 28314    | ETEC314 | ANTENNA AND WAVE PROPAGATION       | 4      | THEORY    | UES  | COMPULSORY | DROPPABLE | 25    | 75    | 100        | 40         |
| 07    | 28352    | ETEC352 | MICROWAVE ENGINEERING LAB          | 1      | PRACTICAL | UES  | COMPULSORY | DROPPABLE | 40    | 60    | 100        | 40         |
| 08    | 28354    | ETEC354 | VLSI DESIGN LAB                    | 1      | PRACTICAL | UES  | COMPULSORY | DROPPABLE | 40    | 60    | 100        | 40         |
| 09    | 28356    | ETEC356 | DIGITAL SIGNAL PROCESSING LAB      | 1      | PRACTICAL | UES  | COMPULSORY | DROPPABLE | 40    | 60    | 100        | 40         |
| 10    | 28358    | ETEC358 | DATA COMMUNICATION AND NETWORK LAB | 1      | PRACTICAL | UES  | COMPULSORY | DROPPABLE | 40    | 60    | 100        | 40         |
| 11    | 28360    | ETEC360 | INDUSTRIAL/IN-HOUSE TRAINING#      | 1      | PRACTICAL | UES  | COMPULSORY | DROPPABLE | 40    | 60    | 100        | 40         |















## (SCHEME OF EXAMINATIONS)

Scheme of Programme Code: 028      Programme Name: BACHELOR OF TECHNOLOGY (ELECTRONICS AND COMMUNICATIONS ENGINEERING)      SchemeID: 190282015001      Sem./Year: 06 SEMESTER  
 Institution Code: 965      Institution: HMR INSTITUTE OF TECHNOLOGY & MANAGEMENT

| S.No. | Paper ID | Code    | Subject                            | Credit | Type      | Exam | Mode       | Kind      | Minor | Major | Max. Marks | Pass Marks |
|-------|----------|---------|------------------------------------|--------|-----------|------|------------|-----------|-------|-------|------------|------------|
| 01    | 28302    | ETEC302 | MICROWAVE ENGINEERING              | 4      | THEORY    | UES  | COMPULSORY | MANDATORY | 25    | 75    | 100        | 40         |
| 02    | 28304    | ETEC304 | INFORMATION THEORY AND CODING      | 4      | THEORY    | UES  | COMPULSORY | DROPPABLE | 25    | 75    | 100        | 40         |
| 03    | 28306    | ETEC306 | DIGITAL SIGNAL PROCESSING          | 4      | THEORY    | UES  | COMPULSORY | MANDATORY | 25    | 75    | 100        | 40         |
| 04    | 28308    | ETEC308 | VLSI DESIGN                        | 4      | THEORY    | UES  | COMPULSORY | MANDATORY | 25    | 75    | 100        | 40         |
| 05    | 28310    | ETEC310 | DATA COMMUNICATION AND NETWORKS    | 4      | THEORY    | UES  | COMPULSORY | MANDATORY | 25    | 75    | 100        | 40         |
| 06    | 28314    | ETEC314 | ANTENNA AND WAVE PROPAGATION       | 4      | THEORY    | UES  | COMPULSORY | DROPPABLE | 25    | 75    | 100        | 40         |
| 07    | 28352    | ETEC352 | MICROWAVE ENGINEERING LAB          | 1      | PRACTICAL | UES  | COMPULSORY | DROPPABLE | 40    | 60    | 100        | 40         |
| 08    | 28354    | ETEC354 | VLSI DESIGN LAB                    | 1      | PRACTICAL | UES  | COMPULSORY | DROPPABLE | 40    | 60    | 100        | 40         |
| 09    | 28356    | ETEC356 | DIGITAL SIGNAL PROCESSING LAB      | 1      | PRACTICAL | UES  | COMPULSORY | DROPPABLE | 40    | 60    | 100        | 40         |
| 10    | 28358    | ETEC358 | DATA COMMUNICATION AND NETWORK LAB | 1      | PRACTICAL | UES  | COMPULSORY | DROPPABLE | 40    | 60    | 100        | 40         |
| 11    | 28360    | ETEC360 | INDUSTRIAL/IN-HOUSE TRAINING#      | 1      | PRACTICAL | UES  | COMPULSORY | DROPPABLE | 40    | 60    | 100        | 40         |

## (SCHEME OF EXAMINATIONS)

Scheme of Programme Code: 028      Programme Name: BACHELOR OF TECHNOLOGY (ELECTRONICS AND COMMUNICATIONS ENGINEERING)      SchemeID: 190282015002      Sem./Year: 06 SEMESTER  
 Institution Code: 965      Institution: HMR INSTITUTE OF TECHNOLOGY & MANAGEMENT

| S.No. | Paper ID | Code    | Subject                            | Credit | Type      | Exam | Mode       | Kind      | Minor | Major | Max. Marks | Pass Marks |
|-------|----------|---------|------------------------------------|--------|-----------|------|------------|-----------|-------|-------|------------|------------|
| 01    | 28302    | ETEC302 | MICROWAVE ENGINEERING              | 4      | THEORY    | UES  | COMPULSORY | MANDATORY | 25    | 75    | 100        | 40         |
| 02    | 28304    | ETEC304 | INFORMATION THEORY AND CODING      | 4      | THEORY    | UES  | COMPULSORY | DROPPABLE | 25    | 75    | 100        | 40         |
| 03    | 28306    | ETEC306 | DIGITAL SIGNAL PROCESSING          | 4      | THEORY    | UES  | COMPULSORY | MANDATORY | 25    | 75    | 100        | 40         |
| 04    | 28308    | ETEC308 | VLSI DESIGN                        | 4      | THEORY    | UES  | COMPULSORY | MANDATORY | 25    | 75    | 100        | 40         |
| 05    | 28310    | ETEC310 | DATA COMMUNICATION AND NETWORKS    | 4      | THEORY    | UES  | COMPULSORY | MANDATORY | 25    | 75    | 100        | 40         |
| 06    | 28314    | ETEC314 | ANTENNA AND WAVE PROPAGATION       | 4      | THEORY    | UES  | COMPULSORY | DROPPABLE | 25    | 75    | 100        | 40         |
| 07    | 28352    | ETEC352 | MICROWAVE ENGINEERING LAB          | 1      | PRACTICAL | UES  | COMPULSORY | DROPPABLE | 40    | 60    | 100        | 40         |
| 08    | 28354    | ETEC354 | VLSI DESIGN LAB                    | 1      | PRACTICAL | UES  | COMPULSORY | DROPPABLE | 40    | 60    | 100        | 40         |
| 09    | 28356    | ETEC356 | DIGITAL SIGNAL PROCESSING LAB      | 1      | PRACTICAL | UES  | COMPULSORY | DROPPABLE | 40    | 60    | 100        | 40         |
| 10    | 28358    | ETEC358 | DATA COMMUNICATION AND NETWORK LAB | 1      | PRACTICAL | UES  | COMPULSORY | DROPPABLE | 40    | 60    | 100        | 40         |
| 11    | 28360    | ETEC360 | INDUSTRIAL/IN-HOUSE TRAINING#      | 1      | PRACTICAL | UES  | COMPULSORY | DROPPABLE | 40    | 60    | 100        | 40         |















