

Visvesvaraya National Institute of Technology, Nagpur

Registration Form for Enrollment in Even Semester for Session 2021-22 (Summer 2022)

(To be filled in **Blue Ink in Capital letters only**) Instruction: Please Tick \checkmark appropriately and properly

Name : _____ Enrolment No. : _____

ID No. : _____ Name of Faculty Advisor : _____ Contact No. : _____

Current Address : _____

E-mail : _____ Parents No. : _____

B. Tech. in Electronics and Communication Engineering

IV Semester

Sr. No.	Code	Course Title / Name	Type	Credit	Slot	Offered (YES / NO)	Selection
1	MAL205	NUMERICAL METHODS AND PROBABILITY THEORY	DC	4	E	Offered	YES/NO
2	ECL304	DIGITAL SIGNAL PROCESSING	DC	3	C	Offered	YES/NO
3	ECP304	DIGITAL SIGNAL PROCESSING	DC	1	C	Offered	YES/NO
4	ECL305	ELECTROMAGNETIC FIELDS	DC	4	H	Offered	YES/NO
5	ECL203	DIGITAL CIRCUITS AND MICROPROCESSOR SYSTEMS	DC	3	F	Offered	YES/NO
6	ECP203	DIGITAL CIRCUITS AND MICROPROCESSOR SYSTEMS	DC	1	F	Offered	YES/NO
7	ECP307	ELECTRONIC PRODUCT ENGG WORKSHOP	DC	1	H	Offered	YES/NO
8	ECL308	ANALOG CIRCUIT DESIGN	DC	3	G	Offered	YES/NO
9	ECP308	ANALOG CIRCUIT DESIGN	DC	1	G	Offered	YES/NO
		OC / HM		3			
		Total Credits (DC + DE)		24			

Signature of Student

Signature of Faculty Advisor

Date:

Date:

A student must register the backlog courses first and then register for the current semester courses. A student can register for maximum SIX THEORY and FOUR PRACTICAL (including project) as credit courses, and maximum one audit course including all backlog course/(s), if any.

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VI Semester

Sr. No.	Code	Course Title / Name	Type	Credit	Slot	Offered (YES / NO)	Selection
1	ENL302	DEVICE MODELING	DC	3	G	Offered	YES/NO
2	ENP302	DEVICE MODELING	DC	1	G	Offered	YES/NO
3	ECL303	DIGITAL COMMUNICATION	DC	3	F	Offered	YES/NO
4	ECP303	DIGITAL COMMUNICATION	DC	1	F	Offered	YES/NO
5	ECL313	DIGITAL HARDWARE DESIGN	DC	3	H	Offered	YES/NO
6	ECP313	DIGITAL HARDWARE DESIGN	DC	1	H	Offered	YES/NO
7	ECL404	RF & MICROWAVE ENGINEERING	DC	3	E	Offered	YES/NO
		Elective Courses (Maximum TWO theory, ONE lab)					
8	CSL312	CONCEPTS IN OPERATING SYSTEMS	DE	3	C	Offered	YES/NO
9	ECL420	SMART ANTENNAS	DE	3		Not offered	YES/NO
10	ECL411	DIGITAL IMAGE PROCESSING	DE	3	D	Offered	YES/NO
11	ECL412	ADVANCED DIGITAL SIGNAL PROCESSING	DE	3	D	Offered	YES/NO
12	ECL314	POWER ELECTRONIC DEVICES AND CIRCUITS	DE	3		Not offered	YES/NO
13	ECP412	ADVANCED DIGITAL SIGNAL PROCESSING	DE	1	D	Offered	YES/NO
14	ECP404	RF & MICROWAVE ENGG.	DE	1	E	Offered	YES/NO
15	ECP411	DIGITAL IMAGE PROCESSING	DE	1	D	Offered	YES/NO
16	ECL408	BIO-MEDICAL ENGG.	DE	3		Not offered	YES/NO
		OC / HM	OC/HM	3			YES/NO
		Total Credits (DC + DE)		22			

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Signature of Faculty Advisor

Date:

Date:

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VIII Semester

Sr. No.	Code	Course Title / Name	Type	Credit	Slot	Offered (YES / NO)	Selection
1	ECD402	PROJECT PHASE-II	DC	4	-	Offered	YES/NO
		Elective Courses (Maximum SIX theory and ONE lab)					
2	ECL413	ADAPTIVE SIGNAL PROCESSING	DE	3	D	Offered	YES/NO
3	ECP413	ADAPTIVE SIGNAL PROCESSING	DE	1	D	Offered	YES/NO
4	MAL408	STATISTICAL ANALYSIS & QUEING THEORY	DE	3		Not offered	YES/NO
5	ECL440	CELLULAR SYSTEMS	DE	3	D	Offered	YES/NO
6	ECL409	RADIO FREQUENCY CIRCUIT DESIGN	DE	3	G	Offered	YES/NO
7	ECP409	RADIO FREQUENCY CIRCUIT DESIGN	DE	1	G	Offered	YES/NO
8	ECL417	MULTIMEDIA NETWORKS	DE	3	C	Offered	YES/NO
9	ECL418	NETWORK PLANNING AND MANAGEMENT	DE	3		Not offered	YES/NO
10	ECL419	WIRELESS SENSOR NETWORKS	DE	3	C	Offered	YES/NO
11	ECP419	WIRELESS SENSOR NETWORKS	DE	1	C	Offered	YES/NO
12	ECL427	BROADBAND COMMUNICATION	DE	3	H	Offered	YES/NO
13	ECL424	OPTICAL COMMUNICATION	DE	3	F	Offered	YES/NO
14	ECP424	OPTICAL COMMUNICATION	DE	1	F	Offered	YES/NO
15	ECL420	SMART ANTENNAS	DE	3	F	Offered	YES/NO
16	ECL421	ADVANCED SENSORS AND INSTRUMENTATION	DE	3	H	Offered	YES/NO
17	ECL307	STATISTICAL SIGNAL PROCESSING	DE	3	G	Offered	YES/NO
18	IDL401	MACHINE LEARNING	DE	4	E	Offered	YES/NO
19	IDL402	DEEP LEARNING	DE	3	E	Offered	YES/NO
		OC / HM					
		Total Credits (DC + DE)		23			

Signature of Student

Date:

Signature of Faculty Advisor

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Current Address : _____

E-mail : _____ Parents No. : _____

M. Tech. in Communication Systems

II Semester

Sr. No.	Code	Course Title / Name	Type	Credit	Slot	Offered (YES / NO)	Selection
1	ECL533	COMMUNICATION THEORY	DC	3	E	Offered	YES/NO
2	ECL516	CONVERGED COMMUNICATION NETWORKS	DC	3	B	Offered	YES/NO
3	ECL409	RADIO FREQUENCY CIRCUIT DESIGN	DC	3	G	Offered	YES/NO
4	ECP519	COMMUNICATION SYSTEM LAB-II	DC	1	E	Offered	YES/NO
Elective Courses							
5	ECL424	OPTICAL COMMUNICATION	DE	3		Not offered	YES/NO
6	ECP424	OPTICAL COMMUNICATION	DE	1		Not offered	YES/NO
7	ECP409	RADIO FREQUENCY CIRCUIT DESIGN	DE	1	G	Offered	YES/NO
8	ECL406	MOBILE COMMUNICATION SYSTEMS	DE	3		Not offered	YES/NO
9	ECL411	DIGITAL IMAGE PROCESSING	DE	3		Not offered	YES/NO
10	ECL413	ADAPTIVE SIGNAL PROCESSING	DE	3		Not offered	YES/NO
11	ECL419	WIRELESS SENSOR NETWORKS	DE	3	C	Offered	YES/NO
12	ECL420	SMART ANTENNAS	DE	3		Not offered	YES/NO
13	ECL427	BROADBAND COMMUNICATION	DE	3	H	Offered	YES/NO
14	ECL511	NON-LINEAR SYSTEM MODELLING	DE	3		Not offered	YES/NO
15	EGL515	INTELLIGENT SYSTEM DESIGN	DE	3		Not offered	YES/NO
16	ECL522	SPECTROM MANAGEMENT	DE	3		Not offered	YES/NO
17	CSL528	CRYPTOGRAPHY AND INFORMATION SECURITY	DE	3		Not offered	YES/NO
18	ECL529	ADVANCED COMPUTER ARCHITECTURE	DE	3		Not offered	YES/NO
19	ECL425	HIGH POWER RF DEVICES AND SYSTEMS	DE	3		Not offered	YES/NO
20	ECL514	ELECTROMAGNETIC INTERFERENCE AND COMPATIBIL	DE	3	F	Offered	YES/NO
21	ECL512	TOPICS IN COMMUNICATION SYSTEMS	DE	3		Not offered	YES/NO
22	CSL517	PATTERN RECOGNITION	DE	3		Not offered	YES/NO
23	ECL528	DETECTION AND ESTIMATION IN WIRELESS SYSTEM	DE	3		Not offered	YES/NO
24	EGL517	MEDICAL IMAGING MODALITIES-	DE	3		Not offered	YES/NO
25	ECL440	CELLULAR SYSTEMS	DE	3	D	Offered	YES/NO
Total Credits (DC + DE)				19-20			

IV Semester

No.	Code	Course Title / Name	Type	Credit	Slot	(YES / NO)	Selection
1	ECD502	PROJECT PHASE-II	DC	9	-	Offered	YES/NO
Core Courses				0			

Signature of Student

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