



**JSPM UNIVERSITY PUNE**

Recognized by UGC u/s 2 (f) of UGC Act 1956 and enacted by the  
State Government of Maharashtra - JSPM University Act, 2022 (Mah.IV of 2023)

**JSPM University Pune**  
**Faculty of Science and Technology**  
**School of Electrical and Communication**  
**Sciences**



**NEP aligned Curriculum Structure**

**For**

**Integrated Ph.D.**

**(Effective from AY: 2024-25)**



# JSPM University Pune

FACULTY OF SCIENCE & TECHNOLOGY

SCHOOL OF ELECTRICAL AND COMMUNICATION SCIENCES

COURSE STRUCTURE  
(NEP 2020 Aligned)

W. E. F

2024-2025

RELEASE DATE

01/07/2024

INTEGRATED PHD (ELECTRONICS AND TELECOMMUNICATION)

REVISION NO.

0.0 (NEP)

## SEMESTER I (LEVEL 6.5)

COURSE			TEACHING SCHEME				EXAMINATION SCHEME AND MARKS								TOTAL	CREDITS	
TYPE	CODE	COURSE NAME	Hours / Week				THEORY (Equal Weightage for CIE and ESE)				PRACTICAL (Equal Weightage for CIE and ESE)		ORAL (Equal Weightage for CIE and ESE)				
			L	T	P	EL	CONTINUOUS INSEMESTER EVALUATION (100 Marks)			END SEMESTER EXAMINATION (100 / 50 Marks)	CONTINUOUS INSEMESTER EVALUATION (50 Marks)	END SEMESTER EXAMINATION (50 Marks)	CONTINUOUS INSEMESTER EVALUATION (50 Marks)	END SEMESTER EXAMINATION (50 Marks)			
							T1 (30 Marks)	T2 (30 Marks)	Assignments (40 Marks)								
PSMC	230GMAM02_01	Advanced Numerical Methods	2	1	-	-	30	30	40	100	-	-	-	-	100	3	
PCC	231GETM01_01	Analog CMOS VLSI Design	2	-	-	-	30	30	40	50	-	-	-	-	50	2	
PCC	230GETM02_01	Advanced Embedded System	2	-	-	2	30	30	40	100	-	-	-	-	100	2.5	
PCC	230GETM03_01	Low power VLSI Circuit Design	3	-	-	-	30	30	40	100	-	-	-	-	100	3	
MMC	---	Multidisciplinary Minors Course	1	-	2	-	-	-	-	-	50	50	50	50	100	2	
SEC	240GCSM05_01	Advanced Python Programming	2	-	2	-	-	-	-	-	50	50	50	50	100	3	
VSC	230IDCB01_01	Design Thinking and Creativity	1	-	-	2	-	-	-	-	-	-	50	50	50	1.5	
AEC	230UENM01_01	Communicative English for Professionals	1	-	2	-	30	30	40	50	-	-	-	-	50	2	
RMC	230IRMM01_01	Research Methodology	2	-	-	-	30	30	40	50	-	-	-	-	50	2	
LC	230GETM21_01	Advanced Embedded System Lab	-	-	2	-	-	-	-	-	50	50	-	-	50	1	
<b>TOTAL</b>			<b>16</b>	<b>1</b>	<b>8</b>	<b>4</b>						<b>50</b>	<b>50</b>	<b>-</b>	<b>-</b>	<b>50</b>	<b>1</b>
															<b>750</b>	<b>22</b>	



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Sem.	Multidisciplinary Minors Course (MMC)			
I	Course Code	230GRAM24_01	230GCSM28_01	230GRAB51_01
	Course Name	Sensors and Automation	Introduction to Data Science	Robot Modeling

*Alisha*

**Dr. Alisha Priya**  
M.Tech. Coordinator, SECS

*ASM*

**Prof. Santoshkumar Hampannavar**  
Director, School of Electrical & Communication Sciences

*R. S. Deshpande*

**Prof. R. S. Deshpande**  
Dean, Faculty of Science and Technology

*Anuradha S. Deshpande*

**Dr. Anuradha S. Deshpande**  
Associate Dean (Academics)

*B. B. Ahuja*

**Prof. B.B. Ahuja**  
Vice Chancellor, JSPM University Pune



**Vice Chancellor**  
**JSPM University**  
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## SEMESTER II (LEVEL 6.5)

COURSE		TEACHING SCHEME	EXAMINATION SCHEME AND MARKS												TOTAL	CREDITS	
TYPE	CODE	COURSE NAME	Hours / Week				THEORY (Equal Weightage for CIE and ESE)				PRACTICAL (Equal Weightage for CIE and ESE)		ORAL (Equal Weightage for CIE and ESE)				
			L	T	P	EL	CONTINUOUS INSEMESTER EVALUATION (100 Marks)			END SEMESTER EXAMINATION (100 / 50 Marks)	CONTINUOUS INSEMESTER EVALUATION (50 Marks)	END SEMESTER EXAMINATION (50 Marks)	CONTINUOUS INSEMESTER EVALUATION (50 Marks)	END SEMESTER EXAMINATION (50 Marks)			
							T1 (30 Marks)	T2 (30 Marks)	Assignments (40 Marks)								
PSBC	230GETM20_02	Basics of IC Fabrication	2	1	-	-	30	30	40	100	-	-	-	-	100	3	
PCC	230GETM04_02	RTL Synthesis and Simulation	2	-	-	2	30	30	40	100	-	-	-	-	100	2.5	
PCC	240GETM01_02	CMOS Digital VLSI Design	2	-	-	-	30	30	40	50	-	-	-	-	50	2	
MMC	---	Multidisciplinary Minors Course	1	-	2	-	-	-	-	-	50	50	50	50	100	2	
SEC	230GETM19_02	System Design with Embedded Linux	2	-	2	-	-	-	-	-	50	50	50	50	100	3	
VSC	230IINB02_02	Innovation	1	-	-	2	-	-	-	-	-	-	50	50	50	1.5	
AEC	230UENM02_02	Business Communication	1	-	2	-	30	30	40	50	-	-	-	-	50	2	
RMC	230IRMM02_02	Research Design and Techniques	2	-	-	-	30	30	40	50	-	-	-	-	50	2	
LC	230GETM22_02	RTL Synthesis and Simulation Lab	-	-	2	-	-	-	-	-	50	50	-	-	50	1	
LC	250GVEM03_02	CMOS Digital VLSI Design Lab	-	-	2	-	-	-	-	-	50	50	-	-	50	1	
IITP/ P/CE P	230GETM24_02	Internship/FieldProject/Community Engagement Programme	4 to 6 weeks				-	-	-	-	-	-	-	50	50	50	2
<b>TOTAL</b>			<b>13</b>	<b>1</b>	<b>10</b>	<b>4</b>									<b>750</b>	<b>22</b>	

Note: A Postgraduate Diploma will be awarded if a student exits after first year. For Exit at the end of first year the student must complete: (Total credits = 8)

- An internship / OJT of 8 - 10 weeks (4 credits)
- Additional Course 1 (4 credits) (Vocational Skill Course (VSC) / Skill Enhancement Course (SEC))

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Sem.	Multidisciplinary Minors Course (MMC)		
II	Course Code	230GISM03_02	230GCSM29_02
	Course Name	Cyber Security	Introduction to Artificial Intelligence
			230GRAB52_02
			Autonomous Mobile Robot

*Alisha*

Dr. Alisha Priya  
M.Tech. Coordinator, SECS

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Director, School of Electrical & Communication Sciences

*[Signature]*

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Dean, Faculty of Science and Technology

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COURSE STRUCTURE  
(NEP 2020 Aligned)

W. E. F

2025-2026

RELEASE DATE

01/07/2025

REVISION NO.

0.0 (NEP)

INTEGRATED PHD (ELECTRONICS AND TELECOMMUNICATION)

SEMESTER III (LEVEL - 7) (Students admitted in June - July)

TYPE	CODE	COURSE NAME	TEACHING SCHEME				EXAMINATION SCHEME AND MARKS										TOTAL	CREDITS
			Hours / Week				THEORY (Equal Weightage for CIE and ESE)				PRACTICAL (Equal Weightage for CIE and ESE)		ORAL (Equal Weightage for CIE and ESE)					
			L	T	P	EL	CONTINUOUS INSEMESTER EVALUATION (100 Marks)			END SEMESTER EXAMINATION (100 / 50 Marks)	CONTINUOUS INSEMESTER EVALUATION (50 Marks)	END SEMESTER EXAMINATION (50 Marks)	CONTINUOUS INSEMESTER EVALUATION (50 Marks)	END SEMESTER EXAMINATION (50 Marks)				
							T1 (30 Marks)	T2 (30 Marks)	Assignments (40 Marks)									
PEC	---	Program Elective Course -I/MOOC	3	-	-	-	30	30	40	100	-	-	-	-	100	3		
PEC	---	Program Elective Course -II/MOOC	3	-	-	-	30	30	40	100	-	-	-	-	100	3		
IOC	---	Interdisciplinary Open Elective Course -I	2	-	-	-	30	30	40	100	-	-	-	-	100	3		
IOC	---	Interdisciplinary Open Elective Course -II	2	-	-	-	30	30	40	100	-	-	-	-	100	2		
VEC (HSMC)	230USYB01_03	Behavioral Science and Ethics	2	-	-	-	30	30	40	50	-	-	-	-	100	2		
RMC	231IRMD01_03	Research and Publication Ethics	2	-	-	-	30	30	40	50	-	-	-	-	50	2		
RMC	231IRMD03_03	Writing Literature Review	2	-	-	-	-	-	-	-	-	-	-	-	50	2		
PROJ	231GETM26_03	Field Project	-	-	4	8	-	-	-	-	-	-	50	50	50	2		
SLC	231GETM25_03	Seminar	-	-	-	8	-	-	-	-	50	50	50	50	100	4		
<b>TOTAL</b>			<b>16</b>	<b>0</b>	<b>4</b>	<b>16</b>	-	-	-	-	-	-	50	50	50	2		
MLC#	---	Audit Course	-	-	2	-	-	-	-	-	-	-	-	-	50	1		
															<b>700</b>	<b>22</b>		



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Sem.	Programme Elective Course (PEC-I)			
	Specialization	VLSI and Embedded Systems	VLSI and Embedded Systems	VLSI and Embedded Systems
III	Course Code	230GETM06_03	230GETM03_03	230GETM08_03
	Course Name	VLSI Design Flow: RTL to GDS	Low power VLSI Circuit Design	Testing of VLSI Circuits

Sem.	Programme Elective Course (PEC-II)			
	Specialization	VLSI and Embedded Systems	VLSI and Embedded Systems	VLSI and Embedded Systems
III	Course Code	230GETM09_03	250GVEM04_03	230GETM11_03
	Course Name	Embedded System Integration	System-on-Chip Design	Design of Semiconductor Memories

Sem.	Interdisciplinary Open Elective Course -I (IOC-I)			
	Course Code	230VMSM11_03	230GCSM29_03	230VMSM08_03
III	Course Name	Fundamentals of Financial Management	Introduction to Artificial Intelligence	Start up and Entrepreneurship Development

Sem.	Interdisciplinary Open Elective Course -II (IOC-II)			
	Course Code	230GRAM51_03	230GCSM32_03	230HFGM25_03
III	Course Name	Industrial Robotics and Automation	Machine Learning in Practice	Intellectual Property

Sem.	PCC -1 (Domain Specific Course / MOOC)	
	Specialization	
III	Course Code	230GETD01_03
	Course Name	An Introduction to Artificial Intelligence/ MOOC
	Course Code	230GETD06_03
	Course Name	Fundamentals of Artificial Intelligence/MOOC

Sem.	PCC -2 (Domain Specific Course / MOOC)				
	Specialization				
III	Course Code	230GETD02_03	230GETD03_03	230GETD04_03	230GETD05_03
	Course Name	RF Transceiver Design/ MOOC	Biophotonics/ MOOC	Computer Vision and Image Processing/ MOOC	Communication Networks/ MOOC
	Course Code	230GETD07_03	230GETD08_03	230GETD09_03	230GETD10_03
	Course Name	Microwave Engineering/MOOC	Digital Image Processing/MOOC	Nanobiophotonics: Touching Our Daily Life/MOOC	Analog Communication/MOOC
	Course Code	230GETD11_03			
	Course Name	5G Wireless Standard Design/MOOC			



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Sem.	Mandatory Learning Course (MLC#) Audit Course				
	Specialization	VLSI and Embedded Systems	VLSI and Embedded Systems	VLSI and Embedded Systems	VLSI and Embedded Systems
III	Course Code	240GETB02_03	241GETB01_03	240GETB03_03	240GETB04_03
	Course Name	Drone Technology: Quadcopter Design and Control	PCB Design and Fabrication	Amateur Radio: Theory and Practice	Android App Development
IV	Course Code	230UPOB02_04			
	Course Name	Introduction to Indian Constitution			

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INTEGRATED PHD (ELECTRONICS AND TELECOMMUNICATION)

COURSE STRUCTURE  
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W. E. F

2025-2026

RELEASE DATE

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0.0 (NEP)

SEMESTER IV (LEVEL- 8) (Students admitted in June - July)

TYPE	CODE	COURSE NAME	TEACHING SCHEME				EXAMINATION SCHEME AND MARKS								TOTAL	CREDITS
			Hours / Week				THEORY (Equal Weightage for CIE and ESE)			PRACTICAL (Equal Weightage for CIE and ESE)		ORAL (Equal Weightage for CIE and ESE)				
			L	T	P	EL	CONTINUOUS IN SEMESTER EVALUATION (100 Marks)			END SEMESTER EXAMINATION (100 / 50 Marks)	CONTINUOUS IN SEMESTER EVALUATION (50 Marks)	END SEMESTER EXAMINATION (50 Marks)	CONTINUOUS INSEMESTER EVALUATION (50 Marks)	END SEMESTER EXAMINATION (50 Marks)		
							T1 (30 Marks)	T2 (30 Marks)	Assignments (40 Marks)							
PSMC	230GMAD01_04	Foundation of Mathematical Modelling and Statistical Techniques	3	-	-	-	30	30	40	100	-	-	-	-	100	3
DSC	---	Domain Specific Courses	3	-	-	-	30	30	40	100	-	-	-	-	100	3
DSC	---	Domain Specific Courses	3	-	-	-	30	30	40	100	-	-	-	-	100	3
PROJ	250GVEM07_04	Project/ Internship with Project	-	-	10	20	-	-	-	-	-	-	-	-	100	3
SLC	231ISR01_04	Seminar	-	-	-	4	-	-	-	-	150	150	100	100	250	10
<b>TOTAL</b>			<b>9</b>	<b>0</b>	<b>10</b>	<b>24</b>	-	-	-	-	-	-	50	50	50	1
MLC#	---	Audit Course	1	-	-	-	-	-	-	50	-	-	-	-	600	20
															50	1



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Sem.	Programme Elective Course (PEC-III)			
	Specialization	VLSI and Embedded Systems	VLSI and Embedded Systems	VLSI and Embedded Systems
IV	Course Code	230GETM12_04	250GVEM05_04	230GETM14_04
	Course Name	Design and Analysis of VLSI Subsystems	RF and Mixed Signal	Physical Design Automation

Sem.	Programme Elective Course (PEC-IV)			
	Specialization	VLSI and Embedded Systems	VLSI and Embedded Systems	VLSI and Embedded Systems
IV	Course Code	230GETM15_04	230GETM29_04	230GETM32_04
	Course Name	Digital VLSI Testing	VLSI Signal Processing	Machine Learning in VLSI CAD

Sem.	Mandatory Learning Course (MLC*) Audit Course				
	Specialization	VLSI and Embedded Systems	VLSI and Embedded Systems	VLSI and Embedded Systems	VLSI and Embedded Systems
III	Course Code	240GETB02_03	241GETB01_03	240GETB03_03	240GETB04_03
	Course Name	Drone Technology: Quadcopter Design and Control	PCB Design and Fabrication	Amateur Radio: Theory and Practice	Android App Development
IV	Course Code	230UPOB02_04			
	Course Name	Introduction to Indian Constitution			

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JSPM University  
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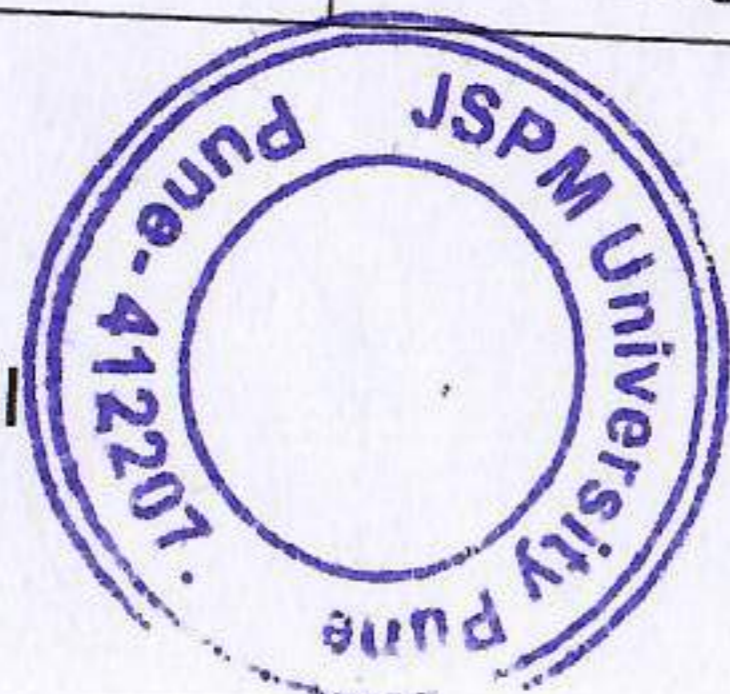
SEMESTER III (LEVEL-7) (Students admitted in Dec - Jan)

TYPE	CODE	COURSE NAME	TEACHING SCHEME				EXAMINATION SCHEME AND MARKS								TOTAL	CREDITS
			Hours / Week				THEORY (Equal Weightage for CIE and ESE)				PRACTICAL (Equal Weightage for CIE and ESE)		ORAL (Equal Weightage for CIE and ESE)			
			L	T	P	EL	CONTINUOUS INSEMESTER EVALUATION (100 Marks)			END SEMESTER EXAMINATION (100 / 50 Marks)	CONTINUOUS INSEMESTER EVALUATION (50 Marks)	END SEMESTER EXAMINATION (50 Marks)	CONTINUOUS INSEMESTER EVALUATION (50 Marks)	END SEMESTER EXAMINATION (50 Marks)		
							T1 (30 Marks)	T2 (30 Marks)	Assignments (40 Marks)							
PEC	---	Program Elective Course -I/MOOC	3	-	-	-	30	30	40	100	-	-	-	-	100	3
PEC	---	Program Elective Course -II/MOOC	3	-	-	-	30	30	40	100	-	-	-	-	100	3
IOC	---	Interdisciplinary Open Elective Course -I	2	-	-	-	30	30	40	100	-	-	-	-	100	2
IOC	---	Interdisciplinary Open Elective Course -II	2	-	-	-	30	30	40	100	-	-	-	-	100	2
VEC (HSMC)	230USYB01_03	Behavioral Science and Ethics	2	-	-	-	30	30	40	100	-	-	-	-	100	2
PROJ	231GETM26_03	Field Project	-	-	4	8	-	-	-	50	-	-	-	-	50	2
SLC	231GETM25_03	Seminar	-	-	-	8	-	-	-	-	50	50	50	50	100	4
TOTAL			12	0	4	16	-	-	-	-	-	-	50	50	50	18
MLC#	---	Audit Course	-	-	2	-	-	-	-	-	-	-	50	-	50	1

Sem.	Programme Elective Course (PEC-I)			
	Specialization	VLSI and Embedded Systems	VLSI and Embedded Systems	VLSI and Embedded Systems
III	Course Code	230GETM06_03	230GETM03_03	230GETM08_03
	Course Name	VLSI Design Flow: RTL to GDS	Low power VLSI Circuit Design	Testing of VLSI Circuits

Sem.	Programme Elective Course (PEC-II)			
	Specialization	VLSI and Embedded Systems	VLSI and Embedded Systems	VLSI and Embedded Systems
III	Course Code	230GETM09_03	250GVEM04_03	230GETM11_03
	Course Name	Embedded System Integration	System-on-Chip Design	Design of Semiconductor Memories

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Sem.	Interdisciplinary Open Elective Course - I (IOC-I)			
III	Course Code	230VMSM11_03	230GCSM29_03	230VMSM08_03
	Course Name	Fundamentals of Financial Management	Introduction to Artificial Intelligence	Start up and Entrepreneurship Development

Sem.	Interdisciplinary Open Elective Course - II (IOC-II)			
III	Course Code	230GRAM51_03	230GCSM32_03	230HFGM25_03
	Course Name	Industrial Robotics and Automation	Machine Learning in Practice	Intellectual Property

Sem.	PCC -1 (Domain Specific Course / MOOC)	
III	Specialization	
	Course Code	230GETD01_03
	Course Name	An Introduction to Artificial Intelligence/ MOOC
	Course Code	230GETD06_03
	Course Name	Fundamentals of Artificial Intelligence/MOOC

Sem.	PCC -2 (Domain Specific Course / MOOC)				
III	Specialization				
	Course Code	230GETD02_03	230GETD03_03	230GETD04_03	230GETD05_03
	Course Name	RF Transceiver Design/ MOOC	Biophotonics/ MOOC	Computer Vision and Image Processing/ MOOC	Communication Networks/ MOOC
	Course Code	230GETD07_03	230GETD08_03	230GETD09_03	230GETD10_03
	Course Name	Microwave Engineering/MOOC	Digital Image Processing/MOOC	Nanobiophotonics: Touching Our Daily Life/MOOC	Analog Communication/MOOC
	Course Code	230GETD11_03			
	Course Name	5G Wireless Standard Design/MOOC			

Sem.	Mandatory Learning Course (MLC*) Audit Course				
III	Specialization	VLSI and Embedded Systems	VLSI and Embedded Systems	VLSI and Embedded Systems	VLSI and Embedded Systems
	Course Code	240GETB02_03	241GETB01_03	240GETB03_03	240GETB04_03
	Course Name	Drone Technology: Quadcopter Design and Control	PCB Design and Fabrication	Amateur Radio: Theory and Practice	Android App Development
IV	Course Code	230UPOB02_04			
	Course Name	Introduction to Indian Constitution			

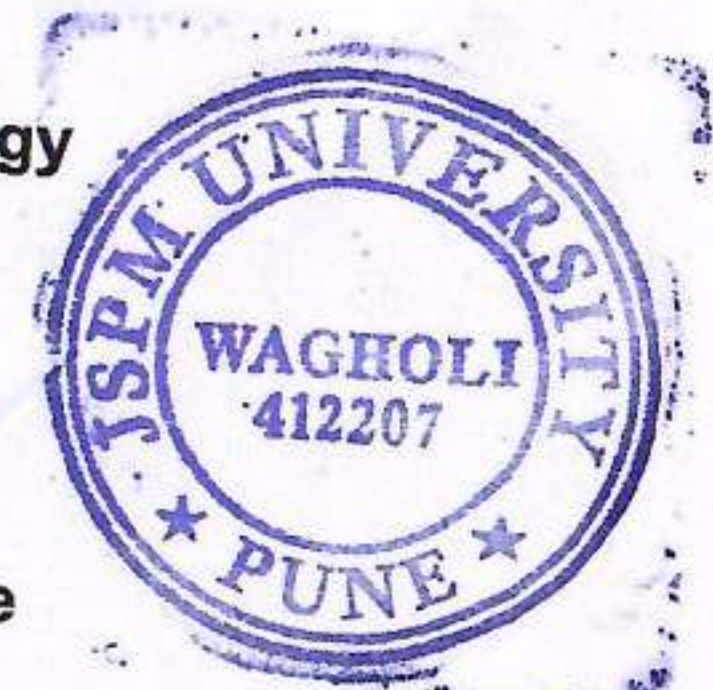
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 Dean, Faculty of Science and Technology

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**Dr. Anuradha S. Deshpande**  
 Associate Dean (Academics)

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**Prof. B.B. Ahuja**  
 Vice Chancellor, JSPM University Pune  
**Vice Chancellor**  
**JSPM University**  
 Pune



L-Lecture  
 Format No.: JSPMUni/ACAD/001

T-Tutorial  
 Rev. No.:0.0

P-Practical Session (Laboratory)  
 Rev. Date:01/07/2025

EL-Experiential Learning  
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# JSPM University Pune

FACULTY OF SCIENCE & TECHNOLOGY

SCHOOL OF ELECTRICAL AND COMMUNICATION SCIENCES

COURSE STRUCTURE  
(NEP 2020 Aligned)

W. E. F

2025-2026

RELEASE DATE

01/07/2025

REVISION NO.

0.0 (NEP)

INTEGRATED PHD (ELECTRONICS AND TELECOMMUNICATION)

SEMESTER IV (LEVEL- 8) (Students admitted in Dec - Jan)

TYPE	CODE	COURSE NAME	TEACHING SCHEME				EXAMINATION SCHEME AND MARKS										CREDITS
			Hours / Week				THEORY (Equal Weightage for CIE and ESE)				PRACTICAL (Equal Weightage for CIE and ESE)		ORAL (Equal Weightage for CIE and ESE)		TOTAL		
			L	T	P	EL	CONTINUOUS IN SEMESTER EVALUATION (100 Marks)			END SEMESTER EXAMINATION (100 / 50 Marks)	CONTINUOUS IN SEMESTER EVALUATION (50 Marks)	END SEMESTER EXAMINATION (50 Marks)	CONTINUOUS IN SEMESTER EVALUATION (50 Marks)	END SEMESTER EXAMINATION (50 Marks)			
							T1 (30 Marks)	T2 (30 Marks)	Assignments (40 Marks)								
PSMC	230GMAD01_04	Foundation of Mathematical Modelling and Statistical Techniques	3	-	-	-	30	30	40	100	-	-	-	-	100	3	
DSC	---	Domain Specific Courses	3	-	-	-	30	30	40	100	-	-	-	-	100	3	
DSC	---	Domain Specific Courses	3	-	-	-	30	30	40	100	-	-	-	-	100	3	
RMC	231IRMD01_04	Research and Publication Ethics	2	-	-	-	30	30	40	50	-	-	-	-	50	2	
RMC	231IRMD03_04	Writing Literature Review	2	-	-	-	-	-	-	-	-	-	-	50	50	2	
PROJ	250GVEM07_04	Project/ Internship with Project	-	-	10	20	-	-	-	-	150	150	100	100	250	10	
SLC	231ISR01_04	Seminar	-	-	-	4	-	-	-	-	-	-	50	50	50	1	
<b>TOTAL</b>			<b>13</b>	<b>0</b>	<b>10</b>	<b>24</b>									<b>50</b>	<b>1</b>	
MLC#	---	Audit Course	1	-	-	-	-	-	-	50	-	-	-	-	50	1	



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Sem.	Programme Elective Course (PEC-III)			
	Specialization	VLSI and Embedded Systems	VLSI and Embedded Systems	VLSI and Embedded Systems
IV	Course Code	230GETM12_04	250GVEM05_04	230GETM14_04
	Course Name	Design and Analysis of VLSI Subsystems	RF and Mixed Signal	Physical Design Automation

Sem.	Programme Elective Course (PEC-IV)			
	Specialization	VLSI and Embedded Systems	VLSI and Embedded Systems	VLSI and Embedded Systems
IV	Course Code	230GETM15_04	230GETM29_04	230GETM32_04
	Course Name	Digital VLSI Testing	VLSI Signal Processing	Machine Learning in VLSI CAD

Sem.	Mandatory Learning Course (MLC*) Audit Course				
	Specialization	VLSI and Embedded Systems	VLSI and Embedded Systems	VLSI and Embedded Systems	VLSI and Embedded Systems
III	Course Code	240GETB02_03	241GETB01_03	240GETB03_03	240GETB04_03
	Course Name	Drone Technology: Quadcopter Design and Control	PCB Design and Fabrication	Amateur Radio: Theory and Practice	Android App Development
IV	Course Code	230UPOB02_04			
	Course Name	Introduction to Indian Constitution			

*Alisha*

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M.Tech. Coordinator, SECS

*R*

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Director, School of Electrical & Communication Sciences

*R. S. Deshpande*

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Associate Dean (Academics)

*B.B. Ahuja*

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