

RAJIV GANDHI PROUDYOGIKI VISHWAVIDYALAYA, Bhopal (M. P.)
TECHNOCRATS INSTITUTE OF TECHNOLOGY (An Autonomous Institute)

Scheme of Examination

First Semester- Master of Engineering
(Digital Communication)

S. N o.	Subject Code	Subject name	Periods Per week			Credits	Maximum Marks (Theory Slot)			Maximum Marks (Practical Slot)		Total Marks
			L	T	P		End. Sem. Exam.	Test (Two)	Assignment/Quiz	End. Sem. Practical/Viva	Practical Record/Assignment/Quiz/Presentation	
1.	MEDC - 101	Detection & Estimation Theory	3	0		3	70	20	10			100
2.	MEDC - 102	Advanced Digital Signal Processing	3	0		3	70	20	10			100
3.	MEDC - 103 Program Elective -I	Elective - I 1. Micro controller System Design 2. Wireless Sensor Networks	3	0		3	70	20	10			100
4.	MEDC - 104 Program Elective - II	Elective - II 1. Data Communication and Computer Network 2. RF and Microwave Circuit Design	3	0		3	70	20	10			100
5.	MEDC - 105	Research Methodology & IPR	2	0		2	70	20	10			100
6.	MEDC - 106	Lab I (Advanced Digital Signal Processing)			4	2				90	60	150
7.	MEDC - 107	Lab II (Micro controller System Design/Wireless Sensor Network)			4	2				90	60	150
8.	MEDC - 108	Audit Course-I English for Research Paper Writing										
		Total	14	0	8	18	350	100	50	180	120	800

L: Lecture-

T: Tutorial-

P: Practical

डॉ. मधु शान्दिल्या Dr. Madhu Shandilya w.e.f. July-2025

प्राध्यापक / Professor

इलेक्ट्रॉनिक्स एवं कम्युनिकेशन इंजीनियरिंग विभाग
 Department of Electronics & Communication Engineering
 एम.ए.एन.आई.टी., भोपाल-462003 (म.प्र.)
 M.A.N.I.T., Bhopal-462003 (M. P.)

Shankar

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TECHNOCRATS INSTITUTE OF TECHNOLOGY (An Autonomous Institute)

Scheme of Examination

Second Semester- Master of Engineering

(Digital Communication)

S. No.	Subject Code	Subject name	Periods Per week			Credits	Maximum Marks (Theory Slot)			Maximum Marks (Practical Slot)		Total Marks
			L	T	P		End. Sem. Exam.	Test (Two)	Assignment/Quiz	End. Sem. Practical/Viva	Practical Record/Assignment/Quiz/Presentation	
1.	MEDC - 201	System Programming	3		-	3	70	20	10	-	-	100
2.	MEDC - 202	Modelling & Simulation of Computer	3		-	3	70	20	10	-	-	100
3.	MEDC - 203 Program Elective - III	Elective - III 1. Network Design Technology 2. Voice and Data Network	3		-	3	70	20	10	-	-	100
4.	MEDC - 204 Program Elective - IV	Elective - IV 1. Optical Network 2. Internet of Things	3		-	3	70	20	10	-	-	100
5.	MEDC - 205	Mobile & Satellite Communication	2		-	2	70	20	10	-	-	100
6.	MEDC - 206	Lab-III (System Programming)	-	-	4	2	-	-	-	90	60	150
7.	MEDC - 207	Lab-IV (Modelling & Simulation of Computer)	-	-	4	2	-	-	-	90	60	150
	MEDC - 208	Audit Course-2										
		Total	14	0	8	18	350	100	50	180	120	800

L: Lecture-

T: Tutorial-

P: Practical

w.e.f. July-2025

Sandip Nemacharya
Dr. G.P. Rathore

(Dr. V. Chaurasia)

Dr. Madhu Shandilya
 डॉ. मधु शांडिल्या / Dr. Madhu Shandilya
 प्राध्यापक / Professor
 इलेक्ट्रॉनिक्स एवं कम्युनिकेशन इंजीनियरिंग विभाग
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Dr. Abhal

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TECHNOCRATS INSTITUTE OF TECHNOLOGY (An Autonomous Institute)

Scheme of Examination

Third Semester- Master of Engineering

(Digital Communication)

S. No.	Subject Code	Subject name	Periods Per week			Credits	Maximum Marks (Theory Slot)			Maximum Marks (Practical Slot)		Total Marks
			L	T	P		End. Sem. Exam.	Test (Two)	Assignment/Quiz	End. Sem. Practical/Viva	Practical Record/Assignment/Quiz/Presentation	
1.	MEDC - 301 Program Elective -V	Elective V	3	0	-	3	70	20	10	-	-	100
2.	MEDC - 302 Open Elective	Open Elective	3	0	-	3	70	20	10	-	-	100
3.	MEDC - 303	Seminar/Publication	-	-	4	2	-	-	-	-	100	100
4.	MEDC - 304	Dissertation Phase - I	-	-	16	8	-	-	-	120	80	200
		Total	6	0	20	16	140	40	20	120	180	500

L: Lecture-

T: Tutorial-

P: Practical

w.e.f. July-2025

MEDC - 301 Program Elective -V	
(A)	Information Theory & Coding
(B)	Remote Sensing

MEDC - 302 Open Elective	
(A)	Business Analytics
(B)	Operations Research

Sandip Nemade

Dr. G.P. Rathore

Megha Chaturvedi

Dr. V. Chaurasia

Dr. Madhu Shandilva
 प्राध्यापक / Professor
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Dr. Aradhana

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Scheme of Examination
Fourth Semester- Master of Engineering
(Digital Communication)

S. No.	Subject Code	Subject name	Periods Per week			Credits	Maximum Marks (Theory Slot)			Maximum Marks (Practical Slot)		Total Marks
			L	T	P		End. Sem. Exam.	Test (Two)	Assignment/Quiz	End. Sem. Practical /Viva	Practical Record/ Assignment/Quiz/ Presentation	
1.	MEDC - 401	Dissertation Phase - II			32	16				300	200	500
		Total	-	-	32	16	-	-	-	300	200	500

Total Credit for the programme 18+18+16+16=68

Audit Course 1 & 2

1. English for Research Paper Writing
2. Disaster Management
3. Sanskrit for Technical Knowledge
4. Value Education
5. Constitution of India
6. Pedagogy Studies
7. Stress Management by Yoga
8. Personality Development through Life Enlightenment Skills.

Sandip Nemade
Dr. G.P. Rathore

Megha Chaturvedi
(H.R.)

(Dr. V. Chaurasia)

Dr. Madhu Shandilya
 प्राध्यापक / Professor
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Dr. Babbar