Circular No. 117 Summer session Online Exam. of March/April 2021
Final Programme of the M. Tech Semester I Examination of Summer Semester to be
held in September 2021
(Credit System, Old Syllabus, Course code - 150)
Online Exam. of March/April 2021 held in September 2021
First Year M. Tech. (Semester - I)
(Credit System Old Syllabus)
(Time: - 10.30 am. to 11.30 am)

Day & Date		BRANCHES	PAPER	CODE
28-09-2021 **Tuesday**	1	Electronics Technology	High Speed Analog Design	56439
	2	Computer Science and Technology	Mathematical Foundation of Computer Science	56348
	3	Energy Technology	Energy Scenario	56409
	4	Environmental Science and Technology	Physico -Chemical and Biological Treatment processes	56378
	5	Food Technology	Advances in Food Engg. & Tech	61172
29-09-2021 **Wednesday**	1	Electronics Technology	Reconfigurable Platforms & HDL	56440
	2	Computer Science and Technology	Design and Analysis of algorithms	56349
	3	Energy Technology	Biomass and its Conversion Technologies	56410
	4	Environmental Science and Technology	Environmental Chemistry and Microbiology	56379
	5	Food Technology	Advances in Food Science and Nutrition	61173
30-09-2021 **Thursday**	1	Electronics Technology	Communication Networks	56441
	2	Computer Science and Technology	Artificial Neural Network	56350
	3	Energy Technology	Solar Photovoltaic energy Conversion	56411
	4	Environmental Science and Technology	Solid Waste management	56380
	5	Food Technology	Novel Techniques in Food Packaging	61174
01-10-2021 **Friday**	1	Electronics Technology	Memory Technologies	56446
			CMOS VLSI Design	56447
			Asynchronous Circuits Design	56448
			Advanced Computer Architecture	56449
	2	Computer Science and Technology	Advance Database Systems	56355
			Bio-Informatics	56356

Date		Subject		Course	Code
01-10-2021 Friday	3	Energy Technology	Waste to Energy Conversion		56416
			Wind Energy and Small Hydropower System		56417
			Energy Efficient Lighting		56418
	4	Environmental Science and Technology	Energy and Environmental		56385
			Environmental Toxicology		56386
			Disaster Management and Risk Analysis		56387
	5	Food Technology	Advances in Meat Fish & Poultry Processing		61179
			EL-1 Modern Techniques in Fruits and Vegetable Processing		61180
			Waste Utilization of Food Processing Industries		61181
04-10-2021 Monday	1	Electronics Technology	Digital System and Testing		56450
			Mixed Signal ASIC Design		56451
			RISC Microcontrollers		56452
			Automotive Embedded Systems		56453
			VLSI Design		56454
	2	Computer Science and Technology	Advanced Operating Systems		56358
			Real Time Systems		56359
			Web Engineering.		56360
	3	Energy Technology	Fuel and combustion Technology		56419
			Solar Passive Architecture		56420
			Energy Storage Systems		56421
	4	Environmental Science and Technology	Optimization Techniques		56388
			Environmental Economics		56389
			Environmental Statistics and Experimental Design		56390
	5	Food Technology	Advances in Processing of Dairy Technology		61182
			Food Rheology and Texture		61183
			Advances in Cereals and Pulses Processing Technology		61184

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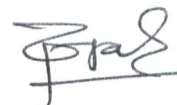(New Credit System Syllabus w.e.f. 2016-17)
(Time: - 10.30 am. to 11.30 am)

Day & Date		BRANCHES	PAPER	CODE
28-09-2021 Tuesday	1	Electronics Technology	High Speed Analog Design	68068
	2	Computer Science and Technology	Mathematical Foundation of Computer Science	68054
	3	Energy Technology	Energy Resources and Their Utilization	68111
	4	Environmental Science and Technology	Physico -Chemical and Biological Treatment processes	68083
	5	Food Technology	Advances in Food Engg. &Tech	68097
29-09-2021 Wednesday	1	Electronics Technology	Reconfigurable Platforms & HDL	68069
	2	Computer Science and Technology	Design and Analysis of algorithms	68055
	3	Energy Technology	Biomass and its Conversion Technologies	68112
	4	Environmental Science and Technology	Remote Sensing and GIS Applications in Environmental Engineering.	68084
	5	Food Technology	Advances in Food Science and Nutrition	68098
30-09-2021 Thursday	1	Electronics Technology	Communication Networks	68070
	2	Computer Science and Technology	Artificial Neural Network	68056
	3	Energy Technology	Solar Photovoltaic energy Conversion	68113
	4	Environmental Science and Technology	Solid and Hazardous Waste Management	68085
	5	Food Technology	Novel Techniques in Food Packaging	68099
01-10-2021 Friday	1	Electronics Technology	Memory Technologies	68071
			CMOS VLSI Design	68072
			Asynchronous Circuits Design	68073
			Advanced Computer Architecture	68074
	2	Computer Science and Technology	Advance Database Systems	68057
			Bio-Informatics	68058
			Advanced Compilers	68059
	3	Energy Technology	Waste to Energy Conversion	68114
			Wind Energy and Small Hydropower System	68115
			Energy Efficient Lighting	68116
	4	Environmental Science and Technology	Energy and Environmental	68086
			Environmental Toxicology	68087

Date		Branch	Subject	Code
			Environmental Chemistry & Microbiology	68088
01-10-2021 Friday	5	Food Technology	Advances in Meat Fish & Poultry Processing	68100
			EL-1 Modern Techniques in Fruits and Vegetable Processing	68101
			Waste Utilization of Food Processing Industries	68102
04-10-2021 Monday		1. Electronics Technology 2. Computer Sci. Technology 3. Energy Technology 4. Environmental Sci. Technology 5. Food Technology **(Open Elective for all Branches)**	Optimization Techniques	68089
			Design of Energy Efficient	68090
			Operational Health and Safety Management	68091
			Fuel and Combustion Technology	68118
			Solar passive Architecture	68119
			Energy storage Systems	68120
			Advanced Operating Systems	68060
			Real Time Systems	68061
			Web-Engineering	68062
			Digital System and Testing	68075
			Mixed Signal ASIC Design	68076
			Automotive Embedded Systems	68077
			Advances in Processing of Dairy Technology	68103
			Food rheology and Texture	68104
			Advances in Cereals and Pulses Processing Technology	68105

Engg. & Tech. Section

Date : 07/09/2021

Shri G. R. Palse

I/c. Director,

Board of Examinations and Evaluation

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Circular No. 117 Summer session Online Exam of March 2021
Final Programme of the M. Tech Semester II Examination of Summer Semester to be held in September 2021
(Credit System, Old Syllabus, Course code - 150)
Online Exam of March/April 2021 held in September 2021
First Year M. Tech. (Semester - II)
(Old Credit System)
(Time: - 12.30 am. to 01.30 pm)

Day & Date		BRANCHES	PAPER	CODE
28-09-2021 Tuesday	1	Electronics Technology	DSP Processor	56455
	2	Computer Science and Technology	Parallel Computer Architecture	56361
	3	Energy Technology	Solar Thermal Energy Conversion	56422
	4	Environmental Science and Technology	Air pollution and Control	56391
	5	Food Technology	Advances in Food Biotechnology	61185
29-09-2021 Wednesday	1	Electronics Technology	Real Time Operating System	56456
	2	Computer Science and Technology	Computer Vision and Image Processing	56362
	3	Energy Technology	Energy management and Audit	56423
	4	Environmental Science and Technology	Industrial Waste Treatment	56392
	5	Food Technology	Chemical and Instrumental analysis of food Components	61186
30-09-2021 Thursday	1	Electronics Technology	High Speed Digital Design	56457
	2	Computer Science and Technology	Computer Security	56363
	3	Energy Technology	Energy Efficiency in Thermal and Electrical Utility	56424
	4	Environmental Science and Technology	Advanced Water and Waste Water Treatment	56393
	5	Food Technology	Food Quality Safety and Toxicology	61187
01-10-2021 Friday	1	Electronics Technology	System on Chip	56462
			Wavelet Transform and Applications	56463
			Micro Electromechanical System	56464
			Robotics and Machine Vision	56465
	2	Computer Science and Technology	Data-Mining and Warehousing	56368
			Business Intelligence	56369
			Web Services and SOA	56370
	3	Energy Technology	Hydrogen Technology And Fuel cell Technology	56429

Date			Subject	Code
01-10-2021 Friday			Power Plant Engineering	56431
	4	Environmental Science and Technology	Environmental Management Systems	56398
			Numerical Methods and Statistics	56399
			Remote Sensing and GIS Application. In Envi. Engg.	56400
			Environmental Sanitation	56401
	5	Food Technology	Newer developments in bakery and confectionery	61192
			Nutraceutical and Functional Foods	61193
			Food Color and Flavor Technology	61194
04-10-2021 Monday	1	Electronics Technology	RF Integrated Circuit Design	56466
			VLSI in Signal Processing	56467
			High Performance Networks	56468
			Mobile Computing	56469
			VLSI Design E Embedded System	56470
	2	Computer Science and Technology	Geographical Information Systems	56371
			Artificial Intelligence and Natural Language Processing	56372
			System Modeling and Simulation	56373
	3	Energy Technology	Power co-generation	56432
			Energy Modeling and Project Management	56433
			The New Energy Technologies	56434
	4	Environmental Science and Technology	Operation and Maintenance of Environmental Facilities	56402
			Project Management	56403
			Environmental Biotechnology	56404
	5	Food Technology	Recent developments in processing of plantation crops	61195
			Simulation and Modeling in Food Processing	61196
			Project Management for Food Processing Industries	61197

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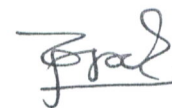(New Credit System Syllabus w.e.f. 2016-17)
(Time: - 12.30 am. to 01.30 pm)

Day & Date		BRANCHES	PAPER	CODE
28-09-2021 Tuesday	1	Electronics Technology	DSP Processor	68144
	2	Computer Science and Technology	Parallel Computer Architecture	68235
	3	Energy Technology	Solar Thermal Energy Conversion	68190
	4	Environmental Science and Technology	Air pollution and Control	68158
	5	Food Technology	Advances in Food Biotechnology	68248
29-09-2021 Wednesday	1	Electronics Technology	Real Time Operating System	68145
	2	Computer Science and Technology	Computer Vision and Image Processing	68236
	3	Energy Technology	Energy management and Audit	68191
	4	Environmental Science and Technology	Environment Management Systems	68159
	5	Food Technology	Chemical and Instrumental analysis of food Components	68249
30-09-2021 Thursday	1	Electronics Technology	Mobile Computing	68146
	2	Computer Science and Technology	Computer Security	68237
	3	Energy Technology	Energy Efficiency in Thermal and Electrical Utility	68192
	4	Environmental Science and Technology	Advanced Water and Waste Water Treatment	68160
	5	Food Technology	Food Quality Safety and Toxicology	68250
01-10-2021 Friday	1	Electronics Technology	System on Chip	68147
			Wavelet Transform and Applications	68148
			Micro Electro Mechanical System	68149
			Robotics and Machine Vision	68150
	2	Computer Science and Technology	Data-Mining and Warehousing	68238
			Business Intelligence	68239
			Web Services and SOA	68240
	3	Energy Technology	Hydrogen Technology And Fuel cell Technology	68193
			Alternative Fuels for Transportation	68194
	4	Environmental Science and Technology	Industrial Waste Treatment	68161

Date					
01-10-2021 Friday				Environmental Policies and Legislation	68162
				Environmental Sanitation	68163
	5		Food Technology	Newer developments in bakery and confectionery	68251
				Nutraceutical and Functional Foods	68252
				Food Color and Flavor Technology	68253
04-10-2021 Monday	1		Electronics Technology	RF Integrated Circuit Design	
				High Performance Networks	68152
				High Speed Digital Design	68153
	2		Computer Science and Technology	Geographical Information Systems	68241
				Artificial Intelligence and Natural Language Processing	68242
				System Modeling and Simulation	68243
	3		Energy Technology	Power co-generation	68197
				Energy Modeling and Project Management	68198
				The New Energy Technologies	68199
	4		Environmental Science and Technology	Operation and Maintenance of Environmental Facilities	68165
				Rural Water Supply And Sanitation	68164
				Environmental Biotechnology	68166
	5		Food Technology	Recent Developments in Processing of Plantation crops	68254
				Simulation and Modeling in Food Processing	68255
				Project Management for Food Processing Industries	68256

Engg. & Tech. Section

Date : 07/09/2021

Shri G. R. Palse

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