

**OFFICE OF THE CONTROLLER OF TECHNICAL EXAMINATIONS  
THIRUVANANTHAPURAM**

No. D1/1414/24/JCTE

Date: 20.04.2024

**NOTIFICATION NO 17/2024  
DIPLOMA EXAMINATION IN**

**ENGINEERING / TECHNOLOGY / MANAGEMENT / COMMERCIAL PRACTICE**

**APRIL 2024( REV'21) SEMESTERS 2 & 4 (Regular/Supplementary), 5 (Supplementary) and 6 (Regular)**

**SEMESTER II (REV '21)**

Date	DoE	Time	Slot	Split Time	Code	S. No	Course / Subject	Programme / Branch
06/05/2024 Monday	D3	9.30 am to 12.30 pm	SL 1		2002	1	Mathematics II	Common for all Programmes except CP, CB
					2141	2	Business Statistics	CP
					2251	3	Basic Management Concepts	CB
08/05/2024 Wednesday	D5	9.30 am to 12.30 pm	SL 1		2003	1	Applied Physics II	Common for all branches except CP, CB
					2142	2	Financial Accounting II	CP
					2252	3	Business Mathematics	CB
10/05/2024 Friday	D7	9.30 am to 12.30 pm	SL 1		2021	1	Engineering Mechanics	AR,AU,CE,ME, MT, TD, WP, EM, CV, CL, CR, MT
					2031	2	Fundamentals of Electrical & Electronics Engineering	EE,CC,CF,CM,CN, CT, EC, EL, IE, IF, PL,PT, RA, RE, RP,TT, BM, AM, AI, CS, MC, EV, IC
					2071	3	Chemical Process Principles	CH
					2253	4	Cost Accounting	CB
					2143	5	Hindi	CP
					2421	6	Fundamentals of Food processing Technology	FT
14/05/2024 Tuesday	D9	9.30 am to 12.30 pm	SL 1		2011	1	Basic Surveying I	CE,EM,CV,CL,CR
					2022	2	Manufacturing Technology	ME, MC
					2032	3	Elementary Concepts of Electrical systems	EE
					2041	4	Basic Electronics	EC, EL, BM
					2051	5	Basic Automobile Engineering	AU
					2061	6	Textile Fibres	TT
					2072	7	Engineering Chemistry	CH, FT
					2081	8	Electronic Instrumentation	IE
					2091	9	Fundamentals of Polymer science	PL
					2101	10	Basics of Printing Processes	PT
					2111	11	Production Engineering - I	TD
					2121	12	Botony & Anatomical Structures	WP
					2131	13	Problem Solving and Programming	CT, CM, IF, CF, CN, CC, AM, AI, CS
					2144	14	Shorthand English theory II	CP
					2182	15	Fundamentals of Architecture	AR
2254	16	Management Information Systems	CB					
2291	17	Basic Electrical Engineering & Renewable Technology	RE					

Date	DoE	Time	Slot	Split Time	Code	S. No	Course / Subject	Programme / Branch
14/05/2024 Tuesday	D9	9.30 am to 12.30 pm	SL 1		2301	18	Introduction to Computation and Programming	RP
					2331	19	Foundations of Robotics	RA
					2411	20	Introduction to Electric Vehicles and Elementary Theory	EV
					2701	21	Basic Production process	MT
<b>SEMESTER IV (REV '21)</b>								
07/05/2024 Tuesday	D4	09.30 am to 12.30 pm	SL 1		4011	1	Geotechnical Engineering	CE
					4021	2	Thermal Engineering	ME
					4031	3	Power Electronics Devices and Circuits	EE
					4041	4	Microcontroller and Applications	EL, EC, BM
					4051	5	Heat Power Engineering	AU
					4061	6	Yarn Manufacture II	TT
					4071	7	Process Heat Transfer	CH
					4081	8	Process Variables Measurement	IE
					4091	9	Polymer processing & Machinery	PL
					4101	10	Mechanism of printing machines II	PT
					4111	11	Fluid Mechanics and Heat Transfer	TD
					4121	12	Wood Products I	WP
					4131	13	Object Oriented Programming	CT, CM
					4141	14	Financial Accounting IV	CP
					4181	15	History of Architecture	AR
					4251	16	Business Law	CB
					4261	17	Network Switching Technologies	IF
					4271	18	Big Data Concepts	CC
					4281	19	Programming in Python	CF
					4291	20	Electrical System Design & Estimation	RE
					4302	21	Advanced RPA	RP
					4321	22	Introduction to Micro Controllers	CN
					4331	23	Mechanics of Robotics	RA
					4341	24	Mathematics for ML	AM
09/05/2024 Thursday	D6	09.30 am to 12.30 pm	SL 1		4012	1	Hydraulics and Irrigation Engineering	CE
					4022	2	Fluid Mechanics and Hydraulic Machines	ME
					4032	3	Electrical Installation Design & Estimation	EE
					4042	4	Electronic Measurements and Instrumentation	EL, EC
					4052	5	Material Science and Strength of Materials	AU
					4062	6	Fabric Manufacture II	TT
					4072	7	Organic Chemical Technology	CH
					4082	8	Microcontroller Programming and Applications	IE
					4092	9	Latex Technology	PL

Date	DoE	Time	Slot	Split Time	Code	S. No	Course / Subject	Programme / Branch
09/05/2024 Thursday	D6	09.30 am to 12.30 pm	SL 1		4102	10	Print Finishing & Conversion Techniques	PT
					4112	11	Press Tool Technology	TD
					4122	12	Paper Technology	WP
					4132	13	Computer Communication and Networks	CT, CF, CC
					4142	14	Cost Accounting	CP
					4151	15	Computer Networks II	CM
					4182	16	Surveying for Architecture	AR
					4241	17	Therapeutic Equipment	BM
					4252	18	Human Resource Management	CB
					4262	19	System Administration	IF
					4292	20	DC Machines & Transformers	RE
					4303	21	Software Testing	RP
					4322	22	Computer Networks	CN
					4332	23	Microcontroller based Robotic Application Design	RA
4342	24	Machine Learning & Neural Networks	AM					
13/05/2024 Monday	D8	09.30 am to 12.30 pm	SL 1		4013	1	Estimating & Costing	CE
					4023	2	Automobile Engineering	ME
					4033	3	Induction Machines	EE
					4043	4	Linear Integrated Circuits	EL, EC, BM
					4053	5	Automobile Chassis and Transmission	AU
					4063	6	Textile Colouration and Finishing	TT
					4073	7	Mass Transfer Operations I	CH
					4083	8	Process Control Instrumentation	IE
					4093	9	Rubber products	PL
					4103	10	Digital Imaging Techniques	PT
					4113	11	Advanced Mould making	TD
					4123	12	Chemical Engineering	WP
					4133	13	Data Structures	CT, RP
					4143	14	Marketing Management	CP
					4152	15	Embedded System and Real time Operating System	CM
					4183	16	Building Services	AR
					4253	17	Relational Database Management System	CB
					4263	18	Advanced Web Development	IF
					4272	19	Data Structures and Algorithms	CC
					4293	20	Renewable Energy Engineering II	RE
4282	21	Cyber Forensics and Security Threats	CF					
4323	22	Database Management System	CN					
4333	23	Linear IC and Power Electronics	RA					
4343	24	Object Oriented Programming Concepts using Java	AM					
15/05/2024 Wednesday	D10	09.30 am to 12.30 pm	SL1		4144	1	Shorthand English 80 wpm	CP
				9.30 am to 1.30 pm	4185	2	Architecture Drawing II	AR

Date	DoE	Time	Slot	Split Time	Code	S. No	Course / Subject	Programme / Branch
<b>SEMESTER V (REV '21)</b>								
04-05-2024 Saturday	<b>D2</b>	1.30 pm to 4.30 pm	<b>SL 2</b>		5012	1	Design of Steel and RCC Structures	AR, CE
					5021	2	Design Of Machine Elements	ME, MT
					5031	3	Synchronous Machines & FHP Motors	EE
					5041	4	Embedded Systems	EL, BM
					5051	5	Design of Automotive Components	AU
					5061	6	Textile Testing	TT
					5071	7	Mass Transfer Operations II	CH
					5081	8	Industrial Instrumentation	IE
					5091	9	Tyre Technology	PL
					5101	10	Packaging Techniques	PT
					5111	11	Tool Design	TD
					5121	12	Adhesive Technology	WP
					5131	13	Embedded Systems and Real time	CT
					5141	14	Shorthand English (Elaboration) 100 wp	CP
					5151	15	Internet of Things	CM
					5201	16	Signals and Systems	EC
					5252	17	E-commerce and Cyber Security	CB
					5261	18	Network Routing Technologies	IF
					5271	19	Advanced Cloud Computing	CC
					5281	20	Object Oriented Programming	CF
					5291	21	Induction & Synchronous Machines	RE
					5301	22	Introduction to Machine Learning	RP
					5321	23	Software Management System	CN
					5331	24	Industrial Automation Control	RA
06-05-2024 Monday	<b>D3</b>	1.30 pm to 4.30 pm	<b>SL 2</b>		5013	1	Transportation Engineering	CE
					5022	2	Refrigeration and Air conditioning	ME
					5032	3	Electricity Generation, Transmission & Distribution	EE
					5042	4	Industrial Automation	EL, EC
					5052	5	Vehicle Diagnostics and Service	AU
					5062	6	Fashion Design and Apparel	TT
					5072	7	Process Control & Instrumentation	CH
					5082	8	Industrial Automation and Control	IE
					5092	9	Quality Assurance & Testing	PL
					5102	10	Print Marketing Management	PT
					5112A	11	Jigs, Fixtures and Gauges	TD, MT
					5112B	12	Robotics and Automation	TD
					5122	13	Wood Products II	WP
					5132	14	Operating System	CT, CM
					5142	15	Shorthand English (Condensation & Theory) 100 wpm	CP
					5181	16	Town Planning	AR
					5241	17	Medical Imaging Techniques	BM

Date	DoE	Time	Slot	Split Time	Code	S. No	Course / Subject	Programme / Branch
06-05-2024 Monday	D3	1.30 pm to 4.30 pm	SL 2		5252	18	Supply Chain & Logistics Management	CB
					5262	19	Object Oriented Web Development	IF
					5272	20	Machine Learning	CC
					5282	21	Network Security	CF
					5292	22	Fundamentals of Power Electronics	RE
					5302	23	Data Mining	RP
					5323	24	Fundamentals of Embedded System Design	CN
					5332	25	AI for Robotics	RA
08-05-2024 Wednesday	D5	1.30 pm to 4.30 pm	SL 2		5014A	1	Habitat Technology	CE
					5014B	2	Ground Improvement Techniques	CE
					5014C	3	Precast and Prestressed Concrete	CE
					5023A	4	Modern Production Process	ME, TD
					5023C	5	Power Plant Engineering	ME
					5033A	6	Renewable Energy Power Plant	EE
					5033B	7	Industrial Drives & Control	EE
					5033C	8	Switch Gear & Protection	EE
					5043A	9	Optical Communication and Networking	EL, EC
					5043B	10	Microwave Devices and Radar	EL, EC
					5043C	11	Advanced Microprocessors	EL
					5202	12	Mobile and Wireless Communication	EC
					5053A	13	Automotive Power Train Control System	AU
					5053B	14	Farm Machinery and Construction Equip	AU
					5053C	15	Two and Three wheeler Technology	AU
					5063A	16	Non wovens & Technical Textiles	TT
					5063B	17	Textile Machine Maintenance	TT
					5063C	18	Long Staple Spinning Technology	TT
					5073A	19	Petroleum Refining & Petrochemical	CH
					5073B	20	Modern Separation Techniques	CH
					5073C	21	Material Science and Technology	CH
					5083A	22	Industrial Electronics & Drives	IE
					5083B	23	Laser and Optical Instrumentation	IE
					5083C	24	Robotics and Control	IE
					5093A	25	Injection Mould Design	PL
					5093B	26	Speciality Polymers	PL
					5093C	27	Chemical Engineering	PL
					5103A	28	Advertising Techniques	PT
					5103B	29	Maintenance Engineering & Quality	PT
					5103C	30	Screen Printing	PT
					5123A	31	Statistical Quality Assurance	WP
					5123B	32	Quantity Surveying	WP
					5123C	33	Process Control & Instrumentation	WP
					5133A	34	Virtualization Technology and Cloud	CT, CM
					5133B	35	Ethical Hacking	CT, IF

Date	DoE	Time	Slot	Split Time	Code	S. No	Course / Subject	Programme / Branch
08-05-2024 Wednesday	D5	1.30 pm to 4.30 pm	SL2		5133C	36	Fundamentals of Artificial Intelligence	CT, IF
					5143A	37	Financial Market	CP
					5143B	38	Banking & Insurance	CP
					5143C	39	Income Tax Law & Practice	CP
					5152A	40	Web programming	CM
					5152B	41	Data structures	CM
					5182A	42	Vernacular Architecture	AR
					5182B	43	Green Building and Energy	AR
					5182C	44	Applied Ergonomics	AR
					5243A	45	Analytical Instruments	BM
					5243B	46	Programming in C	BM
					5254A	47	Customer Relationship Management	CB
					5254B	48	Digital Marketing	CB
					5254C	49	Banking and Financial System	CB
					5263	50	Server Administration	IF
					5273A	51	Introduction to Microservices	CC
					5273B	52	Advanced Data structure	CC
					5273C	53	Data Mining Practices	CC
					5283A	54	Data and Application Security	CF
					5283B	55	IoT Security	CF
					5283C	56	Internet and Web application Security	CF
					5293A	57	Control Systems	RE
					5293B	58	Electric Power Generation &	RE
					5293C	59	Digital Electronics & Microprocessor	RE
					5303A	60	Fundamentals of Digital Marketing	RP
					5303B	61	Non Relational Database Management	RP
					5303C	62	Embedded and IoT System Design	RP
					5322A	63	Web Technologies	CN
					5322B	64	Cloud Computing	CN
					5322C	65	Introduction to Social Networks	CN
5333A	66	Industrial Robotics	RA					
5333B	67	Machine Vision	RA					
5333C	68	IoT and Applications	RA					
10-05-2024 Friday	D7	2.00 pm to 5.00 pm	SL 3		5043D	1	Digital Communication	EL, EC
					5189	2	Landscape Architecture	AR
					5242	3	Hospital Systems	BM
					5023B	4	Material Handling	ME, TD
14-05-2024 Tuesday	D9	1.30pm to 5.30pm	SL 2		5187	1	Architectural Drawing III	AR

Date	DoE	Time	Slot	Split Time	Code	S. No	Course / Subject	Programme / Branch
<b>SEMESTER VI (REV '21)</b>								
03-05-2024 Friday	<b>D1</b>	9.30 am to 12.30 pm	<b>SL 1</b>		6011A	1	Public Health Engineering	CE
					6011B	2	Building Maintenance and Services	CE
					6011C	3	Pavement Design and Maintenance	CE
					6021A	4	Mechatronics	ME, MT,TD
					6021B	5	Computer Integrated Manufacturing	ME, MT,TD
					6031A	6	Energy Conservation & Audit (EE)	EE
					6031C	7	Microcontroller & PLC	EE, RE
					6031D	8	Electric Vehicles	EE, RE, ME
					6041A	9	Medical Electronics	EL, EC
					6041B	10	Verilog HDL & Programmable Logic Devices	EL
					6041C	11	Consumer Electronics	EL
					6051A	12	Electric and Hybrid Vehicles	AU, ME
					6051B	13	Automotive Vehicle and Body Control Systems	AU
					6051C	14	Vehicle Body Engineering	AU
					6061A	15	Textile Marketing & Merchandising	TT
					6061B	16	Statistical Quality Control in Textile Testing	TT
					6061C	17	Textile Mill Management	TT
					6071A	18	Plant Utilities	CH
					6071B	19	Solid Waste Management	CH
					6071C	20	Energy Engineering	CH
					6081A	21	Advanced Biomedical Instrumentation	IE
					6081B	22	Power plant Instruments	IE
					6081C	23	Aircraft Instruments	IE
					6091A	24	Plastic Products	PL
					6091B	25	Fibres and Composites	PL
					6091C	26	Polymer Physics	PL
					6101A	27	Specialized Printing Applications	PT
					6101B	28	Green Printing and Waste Management	PT
					6101C	29	Present Printing Industry	PT
					6111	30	CAD / CAM	TD
					6121A	31	Interior Design & Furniture Technology	WP
					6121B	32	Paper board & speciality paper	WP
					6121C	33	Timber structures	WP
					6131A	34	Internet of Things	CT, CF, IF
					6131B	35	Server Administration	CT
					6131C	36	Software Testing	CT, CM, IF
					6131D	37	Introduction to 5G	CT, CM, CC, CF, CN, BM, CF
					6141	38	Shorthand English (Speed and Theory) 120 wpm	CP

Date	DoE	Time	Slot	Split Time	Code	S. No	Course / Subject	Programme / Branch
03-05-2024 Friday	D1	9.30am to 12.30pm	SL 1		6151A	39	Fundamentals of Artificial Intelligence & Machine Learning	CM
					6151B	40	Database Management Systems	CM
					6181A	41	Disaster Resilient buildings	AR
					6181B	42	Tendering and Valuation	AR
					6181C	43	Repairs and Maintenance of Structures	AR
					6201A	44	Antenna and Wave Propagation	EC
					6201B	45	Embedded Systems	EC
					6241A	46	Advanced Medical Instrumentation and Prosthetics	BM
					6241B	47	Signals and Systems	BM
					6241C	48	Bio MEMS	BM
					6251A	49	Retail Business Operations	CB
					6251B	50	Working Capital Management	CB
					6251C	51	Business Ethics	CB
					6261	52	Virtualization Technology and Cloud Computing	IF
					6271A	53	Block Chain	CC
					6271B	54	Artificial Neural Networks	CC
					6271C	55	Cloud Security	CC
					6281A	56	Virtualization and Cloud Security	CF
					6281B	57	Ethical Hacking	CF
					6281C	58	Mobile Application Security	CF
					6291A	59	Distributed Generation	RE
					6291B	60	Electric Power Distribution & Protection	RE
					6301A	61	Cyber Security	RP
					6301B	62	Cloud Computing Fundamentals	RP
					6301C	63	Artificial Intelligence	RP
					6321A	64	Android Programming	CN
					6321B	65	Digital Communication System	CN
					6321C	66	IoT Fundamentals and Design	CN
					6331A	67	Advanced Robotics	RA
6331B	68	Advanced Microprocessor and Microcontroller	RA					
6331C	69	Mechatronics and Automation	RA					
6701	70	Theory of Power Plants	MT					
07-05-2024 Tuesday	D4	1.30pm to 4.30 pm	SL 2		6142	1	Shorthand Malayalam (Speed and Theory) 50 wpm	CP



**SEEMA. K N**

*Joint Controller of Technical Examinations*

Office of the Controller of Technical Examinations  
Thiruvananthapuram



**Note:**

**1 Standard Time will be followed.**

**2 If any day is declared as a holiday during the above period, examination will not be cancelled without, the official communication from the Office of the Controller of Technical Examinations, Thiruvananthapuram.**

**3 The conduct of examinations shall be strictly adhering to the health advisories in force.**

**4 Candidates will not be allowed to leave the examination hall until the examination is over.**