



ವಿಶ್ವೇಶ್ವರಯ್ಯ ತಾಂತ್ರಿಕ ವಿಶ್ವವಿದ್ಯಾಲಯ

("ವಿ ಟಿ ಯು ಅಧಿನಿಯಮ 1994"ರ ಅಡಿಯಲ್ಲಿ ಕರ್ನಾಟಕ ಸರ್ಕಾರದಿಂದ ಸ್ಥಾಪಿತವಾದ ರಾಜ್ಯ ವಿಶ್ವವಿದ್ಯಾಲಯ)

VISVESVARAYA TECHNOLOGICAL UNIVERSITY

(State University of Government of Karnataka Established as per the VTU Act, 1994)

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Prof. B. E. Rangaswamy, Ph.D
REGISTRAR

REF: VTU/BGM/667/2024-25/5054

Date: 30 DEC 2024

CIRCULAR

Subject: The Scheme and Syllabus for all postgraduate programs under the 2024 curriculum of the university.

Reference: JBOS proceeding dated 15.10.2024 and Proceeding 2.2.1 of 179th EC meeting held on 18.10.2024

Dear Sir/Madam,

The Visvesvaraya Technological University (VTU), Belagavi, is pleased to announce the introduction of the 2024 Curriculum Scheme and Syllabus for all postgraduate programs. The concerned Board of Studies has carefully designed this curriculum to align with the latest educational standards, technological advancements, and industry demands.

All affiliated colleges and departments are hereby informed that:

1. The 2024 Curriculum Scheme and Syllabus for postgraduate programs will be made available on the official VTU website (<https://vtu.ac.in/en/pg-scheme-syllabus/#pg5>).
2. The new curriculum will be effective from the academic year 2024–2025.
3. The revised syllabus aims to provide holistic and application-oriented education, fostering skills and competencies for professional excellence.
4. Any specific guidelines or changes regarding the implementation of the curriculum will be communicated through subsequent notifications.
5. As per the suggestions from the Chairperson of the Board of Studies, updates have been made to the scheme and syllabus of a few programs. All stakeholders are hereby informed to refresh the webpage and download the updated scheme and syllabus for reference.
6. For any clarifications, you may email sbhvtuso2022@gmail.com.

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The Chairpersons of University Departments and Principals / Heads of Institutions are requested to ensure that this information is disseminated to all concerned faculty members and students.

Sd/-
Registrar

To,

The principals of all the Engineering Colleges under the ambit of the university
The chairpersons and Program Coordinators of VTU PG Centres at Kalaburgi, Mysuru, Muddenhalli, Bengaluru and Belagavi

Copy to:

- The Hon'ble Vice Chancellors through Secretary to VC, VTU, Belagavi for information.
- The Registrar (Evaluation), VTU, Belagavi for information and needful.
- The Special Officer, Examination Section for information
- The special officer QPDS Examination section of the University
- The Director, ITI SMU, VTU Belagavi, requested to upload the document on the VTU web portal for stakeholder reference.
- The Special Officer Centre for Online Education VTU Mysuru for information and arrange online courses study and examinations as per the scheme of M.Tech., MBA, MCA, M.Plan, M.Sc., and M.Arch., programs.

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30/12/24
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2024 SCHEME - PG - SYLLABUS STATUS

Stream	Sl. No.	PG Programs 2024-25			1 to 4	1	2	3	4
		PG Programs	Code	Scheme	Syllabus Submitted Status				
Architecture	1	Habitat Design	AHD	1-4 Sem	Yes	Yes	Yes	Yes	
	2	Urban Design	AUD	1-4 Sem	Yes	Yes	Yes	Yes	
	3	Digital Architecture	DAC	1-4 Sem	Yes	Yes	Yes	Yes	
	4	Construction project Management	CPM	1-4 Sem	Yes	Yes	Yes	Yes	
	5	Interior Design	AID	1-4 Sem	Yes	Yes	Yes	Yes	
	6	Digital Heritage and Conservation							
	7	Sustainable Human Habitat (2023)							
	8	M.Plan (Smart City Planning)							
	9	M.Plan (Town and Contry Planning)	TCP	1-4 Sem	Yes	Yes	Yes	Yes	
	10	Construction and Project Management							
	11	M.Plan(Urban and Regional Planning)	URP	1-4 Sem	Yes	Yes	Yes	Yes	
Biotechnology	1	Biotechnology and Biochemical Engineering	BBC	1-4 Sem	Yes	Yes			
	2	Biotechnology							
	3	Bioinformatics							
	4	Food Technology	FDT	1-4 Sem	Yes	Yes			
	5	Food Biotechnology							
Civil Engineering Stream	1	Computer Aided Design of Structures		1 Sem	Yes				
	2	Civil Engineering (Computer Aided Structural Engg)		1 Sem	Yes				
	3	Construction Technology		1 Sem	Yes				
	4	Environmental Engineering		1 Sem	Yes				
	5	Geotechnical Engineering		1 Sem	Yes				
	6	Infrastructure Construction and Management		1 Sem	Yes				
	7	Structural Engineering		1 Sem	Yes				
	8	Transportation Engineering and Management		1 Sem	Yes				
	9	Transportation Engineering		1 Sem	Yes				
	10	Highway Technology		1 Sem	Yes				
	11	Waste Water Management, Health and Safety Engineering		1 Sem	Yes				
	12	Geo-informatics		1-4 Sem	Yes	Yes	Yes		
	13	Water and Land Management		1 Sem	Yes				
	14	Infrastructure Engineering and Management		1 Sem	Yes				
	15	Water Resource Management		1 Sem	Yes				
	16	Water Resources and Environmental Engineering	CWE	1 Sem	Yes				
Computer Science & Engineering Stream	1	Computer Engineering		1 Sem	Yes				
	2	Computer Network Engineering		1 Sem	Yes				
	3	Computer Science and Engineering		1 Sem	Yes				
	4	Information Technology		1 Sem	Yes				
	5	Software Engineering		1 Sem	Yes				
	6	Cyber forensic and information security		1 Sem	Yes				
	7	Networking and Internet Engineering		1 Sem	Yes				
	8	Artificial Intelligence And Machine Learning		1 Sem	Yes				
	9	Data Science		1 Sem	Yes				

	10	Artificial Intelligence and Data Science		1 Sem	Yes			
	11	Cyber Security		1 Sem	Yes			
	12	Master of Computer Applications	MCA	1-4 Sem	Yes	Yes		
	13	Web Technology		1 Sem	Yes			
	14	Integrated MCA(IMCA)						
Electronics & Communication Engineering Stream	1	Communication Systems	MEC	1 Sem	Yes			
	2	Digital Communication & Networking		1 - 4 Sem	Yes	Yes		
	3	Digital Electronics & Communication		1 Sem	Yes			
	4	Digital Electronics & Communication Systems		1- 4 Sem	Yes	Yes		
	5	Digital Electronics		1 Sem	Yes			
	6	Electronics		1 Sem	Yes			
	7	Industrial Electronics		1 Sem	Yes			
	8	Signal Processing		1 Sem	Yes			
	9	VLSI Design and Embedded System (Affiliated)		1 Sem	Yes			
	10	Digital Communication Engineering		1 - 4 Sem	Yes	Yes	Yes	Yes
	11	Electronics & Communication(VLSI Design)		1 Sem	Yes	Yes		
	12	Electronics & Communication(Advanced Communication Technology)		1 Sem	Yes			
	13	Biomedical Signal Processing and Instrumentation		1 Sem	Yes			
	14	IoT and Sensor System		1 Sem	Yes	Yes		
	15	Biomedical Electronics and Industrial Instrumentation (Autonomous) - PG		1 Sem	Yes			
	16	Micro Electronics and Control Systems		1 - 4 Sem	Yes	Yes		
Electrical & Electronics Engineering Stream	1	Power System Engineering		1 Sem	Yes			
	2	Computer Application In Industrial Drives(Only in Autonomous College)		1 Sem	Yes			
	3	Energy System Engineering		1 - 4 Sem	Yes	Yes		
	4	Electrical Vehicle Technology		1 Sem	Yes			
	5	Power Electronics		2 Sem	Yes			
Aeronautical Engineering	1	Aerospace Propulsion Technology	MAE	1-4 Sem	Yes	Yes		
Mechanical Engineering Stream	1	Automotive Engineering		1 Sem	Yes			
	2	Master of Engineering Management		1 Sem	Yes			
	3	Product Design & Manufacturing		1 Sem	Yes			
	4	Production Engineering		1 Sem	Yes			
	5	Production Management		1 Sem	Yes			
	6	Production Technology		1 Sem	Yes			
	7	Production Engineering & System Technology		1 Sem	Yes			
	8	Manufacturing Science & Engineering		1 Sem	Yes			
	9	Computer Aided Engineering		1 Sem	Yes			
	10	Industrial Automation Engineering		1 Sem	Yes			
	11	Industrial Automation and Robotics		1 Sem	Yes			
	12	Computer Integrated Manufacturing		1 Sem	Yes			
	13	Design Engineering		1 Sem	Yes			

	14	Engineering Analysis & Design		1 Sem	Yes			
	15	Machine Design		1 Sem	Yes			
	16	Material Science & Technology		1 Sem	Yes			
	17	Tool Engineering		1 Sem	Yes			
	18	Thermal Power Engineering/Thermal Engineering		1 Sem	Yes			
	19	Mechatronics		1 Sem	Yes			
	20	Defense Technology		1 Sem	Yes			
	21	Robotics and Mechatronics		1 Sem	Yes			
	22	Robotics and Artificial Intelligence		1 Sem	Yes			
Bussiness Administration	1	MBA	MBA	1-4 Sem	Yes	Yes	Yes	Yes
	2	MBA Digital Marketing (2023 started) 2022 scheme running						
	3	Integrated MBA (IMBA)						
	4	MBA in Business Administration in Industrial Management						
	5	MBA (Innovation Entrepreneurship & Venture Development)						
	6	MBA Logistics Mangement						
Nanotechnology	1	Nano Technology (Affiliated)		1-4 Sem	Yes	Yes		
	2	Nano Science & Technology (Uni Dept)		1-4 Sem	Yes	Yes		
Textile Technology	1	Textile Technology		1-4 Sem	Yes	Yes		
Master of Science in Chemistry	1	Master of Science in Chemistry		1-4 Sem	Yes			