VIT®
Vellore Institute of Technology
(Deemed to be University under section 3 of UGC Act, 1956)

Minutes of the 82nd Meeting of the Academic Council

(10th June 2026 | 10.30 AM | Vellore Campus)

Members Present:

1. Dr. V.S. Kanchana Bhaaskaran, Vice-Chancellor, Chairperson
2. Dr. Partha Sharathi Mallick, Pro-Vice Chancellor
3. Shri. Jaji Vijayaraman, Entrepreneur, Chennai
4. Prof. R. Govindarajan, IISc, Bangalore
5. Dr. Mangala Sunder Krishnan, IIT Madras
6. Mr. Manikandan Thangarathnam, UBER, Bangalore
7. Prof. R. Gnanamoorthy, IIT Madras
8. Prof. R. Narasimhan, IISc, Bangalore
9. Dr. M. Anthony Xavior, Dean Academics, Vellore Campus
10. Dr. Nithya Darisini P.S, Dean Academics, Chennai Campus
11. Dr. Sivabalan S, Controller of Examination
12. Dr. K. Karthikeyan, Dean, School of Advanced Sciences, Vellore Campus
13. Dr. V. Suneetha, Dean, School of Biosciences and Technology, Vellore Campus
14. Dr. M.P. Saravana Kumar, Dean, School of Civil Engineering, Vellore Campus
15. Dr. N. Jaisankar, Dean in-Charge, School of Computer Science and Engineering, Vellore Campus
16. Dr. M. Kowsalya, Dean, School of Electrical Engineering, Vellore Campus
17. Dr. Jasmin Pemeena Priyadarisini, Dean, School of Electronics Engineering, Vellore Campus
18. Dr. Daphne Lopez, Dean in-charge, School of Computer Science Engineering and Information Systems, Vellore Campus
19. Dr. P. Kuppan, Dean, School of Mechanical Engineering, Vellore Campus
20. Dr. V. Selvam, Dean, School of Social Sciences and Languages, Vellore Campus
21. Dr. Mary Cherian, Dean, VIT Business School, Vellore Campus
22. Dr. Rajendran R, Dean, VIT Agricultural Innovations and Advanced Learning, Vellore Campus
23. Dr. Arun Tom Mathew, Dean, VIT School of Design & Dean in-charge, VIT School of Media, Arts and Technology, Vellore Campus
24. Dr. Sharmila Jagadisan, Director, School of Architecture, Vellore Campus

25. Dr. C. Rajasekaran, Dean, Academics Research, Vellore Campus
26. Mr. Ravishankar B, Assistant Dean, School of Hotel and Tourism Management, Vellore Campus
27. Dr. V. Samuel Rajkumar, Director, Career Development Centre, Vellore Campus
28. Dr. G. Sasikumar S, Director, UG&PG Admissions, Vellore Campus
29. Dr. A. Nayeemulla Khan, Dean, Academic Research, Chennai Campus
30. Dr. G. Vinitha, Dean, School of Advanced Sciences, Chennai Campus
31. Dr. G. Jayaraman, Dean, School of Biosciences and Technology, Chennai Campus
32. Dr. Viswanathan V**,** Dean, School of Computer Sciences and Engineering, Chennai Campus
33. Dr. Ravi Sankar A, Dean, School of Electronics Engineering, Chennai Campus
34. Dr. C. Rabbiraj, Dean, VIT School of Law, Chennai Campus
35. Dr. Karunamurthy K, Dean, School of Mechanical Engineering, Chennai Campus
36. Dr. Saju B, Dean-in-charge, VIT Business School, Chennai Campus
37. Dr. Vasugi V, Dean, School of Civil Engineering, Chennai Campus
38. Dr. S. Vijayalakshmi, Dean, School of Social Sciences and Languages, Chennai Campus
39. Dr. T. Palani Rajan, Dean, VIT Fashion Institute of Technology, Chennai Campus
40. Dr. Vetrivelan P, Deputy Controller of Examinations, Chennai Campus
41. Dr. Janaki Meena M, Professor, School of Computer Sciences and Engineering, Chennai Campus
42. Dr. Arunachalam V**,** Associate Professor Senior, School of Electronics Engineering, Vellore Campus
43. Dr. Subhashini N**,** Associate Professor Senior, School of Electronics Engineering, Chennai Campus
44. Dr. Leema Rose Viannie**,** Assistant Professor Senior Grade 1, School of Advanced Sciences, Vellore Campus
45. Dr. Ganesan P**,** Assistant Professor Grade 2, School of Advanced Sciences, Chennai Campus
46. Dr. (Ms.) T. Jayabarathi, Registrar, Member Secretary

Leave of Absence:

1. Dr. T. Thyagarajan, Pro-Vice Chancellor
2. Dr. S. Velu, Dean in-charge, School of Chemical Engineering, Vellore Campus
3. Dr. Geetha Manivasagam, Dean, School of Healthcare Science and Engineering, Vellore Campus
4. Dr. C.D. Naiju, Director, Students' Welfare, Vellore Campus
5. Dr. Lenin N.C., Dean, School of Electrical Engineering, Chennai Campus
6. Dr. Denis Ashok, Professor Higher Academic Grade, School of Mechanical Engineering, Vellore Campus

Item 82/1	**Welcome by Vice Chancellor** Vice Chancellor welcomed all the members of the Academic Council and shared the following milestones of VIT; **<u>QS World University Rankings:</u>** QS has released the World University Rankings by Subject 2026. VIT has made a significant improvement again. In **"Engineering and Technology"** category, VIT rank moved up to 119th this year from 142nd in 2025. Seventeen subjects ranked this year as compared to fifteen in the last year. Two subjects entered within **the TOP 100** in the World: Computer Science & Information Systems (86th, 6th in India, 24 positions up this year) and Electrical & Electronics Engineering (87th, 6th in India, 88 positions up this year). Four subjects are within **the top 200** in the world - Mathematics (104th, 5th in India, 121 positions up this year), Material Science (137th, 7th in India, 38 positions up this year), Mechanical, Aeronautical & Manufacturing (148th, 8th in India, 77 positions up this year) and Data Science & Artificial Intelligence (101-200, 7-8th in India). This is the first time VIT subjects Civil & Structural Engineering and Arts & Design entered into QS subject rank list. QS ranks the subjects based on the reputation among academic leaders and employers, citation per paper, H index and IRN (International Research Network). The total weightage of academic reputation and employer reputation is 70% (40% + 30%) in the "Engineering and Technology" category, where our score has improved. The Vice Chancellor appreciated all the faculty members for their commendable contributions to the achievement. **<u>National Board of Accreditation [NBA]:</u>** For NBA accreditation, Self-Assessment Report [SAR] has been submitted for the following seven programmes. **<u>Vellore Campus: - 3 Programmes</u>** • Bachelor of Technology in Biotechnology • Bachelor of Technology in Civil Engineering • Bachelor of Technology in Electronics and Communication Engineering **<u>Chennai Campus: - 4 Programmes</u>** • Bachelor of Technology in Civil Engineering • Bachelor of Technology in Electronics and Communication Engineering • Bachelor of Technology in Electronics and Computer Engineering • Bachelor of Technology in Mechanical Engineering
Item 82/2	**To consider and confirm the Minutes of the 81st meeting of the Academic Council.** ***(Annexure 1)*** **The minutes of the 81st meeting of the Academic Council was confirmed.**

Item 82/3

To consider and approve the revised programme credit structure, curriculum and course contents for Bachelor of Commerce programme from the academic year 2026-27 onwards.

Course Code	Course Title	L	T	P	C	Prerequisite
Professional Core Courses						
UACCA101	Business Economics	3	1	0	4	NIL
UACCA102	Financial Accounting	3	1	0	4	NIL
UACCA103	Business Management	4	0	0	4	NIL
UACCA104	Business Mathematics and Statistics	3	0	2	4	NIL
UACCA203	Cost Accounting	3	1	0	4	NIL
Professional Elective Courses						
UACCA105	Marketing Management	3	0	2	4	NIL
UACCA106	Innovation and Entrepreneurship	3	1	0	4	NIL
Value Added Course						
UASSC101	The Indian Constitution	2	0	0	2	NIL

(Annexure 2)

The Academic Council considered and approved the same.

Item 82/4

To consider and approve the revised programme credit structure, curriculum and course contents for Bachelor of Commerce (Business Process Management) programme from the academic year 2026-27 onwards.

Course Code	Course Title	L	T	P	C	Prerequisite
Professional Core Courses						
UACCA101	Business Economics	3	1	0	4	NIL
UACCA102	Financial Accounting	3	1	0	4	NIL
UACCA103	Business Management	4	0	0	4	NIL
UACCA104	Business Mathematics and Statistics	3	0	2	4	NIL
UACCA203	Cost Accounting	3	1	0	4	NIL
Professional Elective Course						
UACCA109	Finance and Accounts for Business Process Services	4	0	0	4	NIL
Value Added Course						
UASSC101	The Indian Constitution	2	0	0	2	NIL

(Annexure 3)

The Academic Council considered and approved the same.

Item 82/5

To consider and approve the revised programme credit structure, curriculum and course contents for Bachelor of Commerce (Banking and Capital Markets) programme from the academic year 2026-27 onwards.

Course Code	Course Title	L	T	P	C	Prerequisite
Professional Core Courses						
UACCA101	Business Economics	3	1	0	4	NIL
UACCA102	Financial Accounting	3	1	0	4	NIL
UACCA103	Business Management	4	0	0	4	NIL
UACCA104	Business Mathematics and Statistics	3	0	2	4	NIL
UACCA203	Cost Accounting	3	1	0	4	NIL
Professional Elective Courses						
UACCA107	Digital Banking and Financial Services	3	0	0	3	NIL
UACCA215	Mutual Funds	3	0	0	3	NIL
Value Added Course						
UASSC101	The Indian Constitution	2	0	0	2	NIL

(Annexure 4)

The Academic Council considered and approved the same.

Item 82/6

To consider and approve the revised programme credit structure, curriculum and course contents for Bachelor of Commerce (Financial Technology) programme from the academic year 2026-27 onwards.

Course Code	Course Title	L	T	P	C	Prerequisite
Professional Core Courses						
UACCA101	Business Economics	3	1	0	4	NIL
UACCA102	Financial Accounting	3	1	0	4	NIL
UACCA103	Business Management	4	0	0	4	NIL
UACCA104	Business Mathematics and Statistics	3	0	2	4	NIL
UACCA203	Cost Accounting	3	1	0	4	NIL
Professional Elective Courses						
UACCA108	Fintech Intelligence	3	0	0	3	NIL
UACCA217	Digital Payment and Lending Technology	3	0	0	3	NIL
Value Added Course						
UASSC101	The Indian Constitution	2	0	0	2	NIL

(Annexure 5)

The Academic Council considered and approved the same.

Item 82/7

To consider and approve the new programme credit structure, curriculum and course contents for Master of Technology in Smart Manufacturing [Work Integrated Learning Programme] from the academic year 2026-27 onwards.

Course Code	Course Title	L	T	P	C	Prerequisite
University Core Courses						
WAMMF501	Technical Report Writing	1	0	4	3	NIL
WAMMF502	Python Programming for Smart Manufacturing	1	0	4	3	NIL
WAMMF697	Project - I	0	0	0	5	NIL
WAMMF698	Project - II	0	0	0	5	WAMMF697
WAMMF699	Dissertation	0	0	0	12	WAMMF698
Professional Core Courses						
WAMMF503	Digital Manufacturing	3	0	2	4	NIL
WAMMF504	Industrial IoT and Cloud Computing	3	0	2	4	NIL
WAMMF505	Manufacturing Control and Automation	3	0	2	4	NIL
WAMMF506	Systems Simulation and Modelling	3	0	2	4	NIL
WAMMF507	Artificial Intelligence for Manufacturing	3	1	0	4	WAMMF502
WAMMF508	Design for Additive Manufacturing	3	0	2	4	NIL
WAMMF509	Applied Robotics	3	0	2	4	NIL
Professional Elective Courses						
WAMMF601	Digital Supply Chain for Manufacturing	3	1	0	4	NIL
WAMMF602	Cybersecurity in Manufacturing	3	1	0	4	WAMMF504
WAMMF603	Digital Twin for Smart Manufacturing	3	1	0	4	WAMMF503
WAMMF604	Big Data Analytics in Manufacturing	3	0	2	4	WAMMF502
WAMMF605	Advanced Materials Processing and Characterization	3	1	0	4	NIL
WAMMF606	Sustainability and Circularity in Manufacturing	3	1	0	4	NIL
WAMMF607	Precision Engineering	3	1	0	4	NIL
WAMMF608	Reliability Engineering	3	1	0	4	NIL
WAMMF609	Quality 4.0	3	1	0	4	NIL
WAMMF610	Design Thinking and Cognitive Innovation Techniques	3	1	0	4	NIL
WAMMF611	Micro and Nano Machining	3	1	0	4	NIL
WAMMF612	New Product Development and Concurrent Engineering	3	1	0	4	NIL
WAMMF613	Digital Tools for Large-Scale Manufacturing	3	1	0	4	WAMMF503
WAMMF614	Intelligent Inspection Systems for Advanced Manufacturing	3	1	0	4	NIL

(Annexure 6)

The Academic Council considered and approved the same.

Item 82/8

To consider and approve the course contents for Bachelor of Technology in Manufacturing Engineering [Work Integrated Learning Programme].

The curriculum was approved in the 81st meeting of the Academic Council held on 10th March 2026 [Item No. 81/29].

Course Code	Course Title	L	T	P	C	Prerequisite
University Core Courses						
WABMF101	Applied Physics for Engineers	3	0	2	4	NIL
WABMF102	Applied Chemistry for Engineers	3	0	2	4	NIL
WABMF103	Multivariable Calculus and Differential Equations	3	1	0	4	NIL
WABMF104	Probability and Statistics	3	1	0	4	NIL
WABMF105	Computer Programming: Python	0	0	4	2	NIL
WABMF106	Technical Communication and Soft skills	2	0	2	3	NIL
WABMF107	Principles of Management	3	0	0	3	NIL
WABMF108	Engineering Mechanics	3	1	0	4	NIL
WABMF109	Engineering Innovation and Modelling	1	1	4	4	NIL
Professional Core Courses						
WABMF110	Strength of Materials	3	0	2	4	NIL
WABMF111	Thermodynamics and Thermal Systems	3	0	2	4	NIL
WABMF112	Fluid Mechanics and Heat Transfer	3	0	2	4	WABMF111
WABMF113	Fundamental Manufacturing Processes	3	0	2	4	NIL
WABMF114	Material Science and Engineering	3	0	2	4	NIL
WABMF201	Advanced Manufacturing Processes	3	0	2	4	WABMF113
WABMF202	Digital Design and Manufacturing (CAD/CAM/CAE)	3	0	2	4	WABMF109
WABMF203	Design of Jigs and Fixtures	3	1	0	4	WABMF113
WABMF204	Manufacturing Systems and Operations	3	1	0	4	NIL
WABMF205	Mechatronics and Embedded Systems	3	0	2	4	NIL
WABMF206	Engineering Optimization	3	1	0	4	WABMF104
WABMF207	Control Systems	3	0	2	4	NIL
WABMF301	Robotics and Industrial Automation	3	0	2	4	WABMF207
WABMF302	Quality Engineering and Reliability in Manufacturing	3	1	0	4	NIL
WABMF303	AI and Data Analytics for Manufacturing	3	1	0	4	WABMF105
Professional Elective Courses						
Product Design and Development						
WABMF304	Human-Centered Design and Innovation	3	0	2	4	NIL
WABMF305	Materials Selection in Design	3	0	2	4	WABMF110
WABMF306	Design for Excellence	3	0	2	4	WABMF109
WABMF401	Product Lifecycle Management	3	1	0	4	NIL
WABMF402	Intellectual Property and Technology Commercialization	3	1	0	4	NIL
Smart Manufacturing						
WABMF307	Additive Manufacturing: Processes and Design	3	0	2	4	WABMF113
WABMF308	Artificial Intelligence in Manufacturing	3	1	0	4	WABMF105
WABMF309	Industrial Internet of Things	3	0	2	4	NIL
WABMF403	Industrial Automation and Robotics	3	0	2	4	NIL
WABMF404	Cyber Physical Systems in Manufacturing Industry	3	0	2	4	NIL

Green Energy Technologies & Sustainability							
WABMF310	Energy Audit and Conservation	2	1	2	4	NIL
WABMF311	Energy Policy and Economics	3	1	0	4	NIL
WABMF312	Climate Change and Sustainable Development	3	1	0	4	NIL
WABMF405	Sustainable Energy Technologies	3	0	2	4	NIL
WABMF406	Energy System Modelling and Analysis	3	1	0	4	NIL
Electric Vehicles							
WABMF313	Vehicle Systems Engineering	3	0	2	4	NIL
WABMF314	Battery Technology and Manufacturing for Electric Vehicles	3	0	2	4	NIL
WABMF315	Vehicle Dynamics	3	0	2	4	NIL
WABMF407	Powertrain for Electric Vehicles	3	0	2	4	NIL
WABMF408	Automotive Electrical and Electronics	3	0	2	4	NIL
Engineering Design and Innovation							
WABMF316	Kinematics and Dynamics of Machines	2	1	2	4	WABMF110
WABMF317	Mechanical Vibrations	3	0	2	4	WABMF316
WABMF318	Finite Element Analysis	2	1	2	4	WABMF110
WABMF409	AI Driven Engineering Design	3	1	0	4	WABMF105
WABMF410	Digital Twin in Engineering Design	3	1	0	4	WABMF105
Advanced Manufacturing Technologies							
WABMF319	Advanced Machining and Forming Technologies	3	1	0	4	WABMF110
WABMF320	Advanced Welding and Casting Technologies	3	0	2	4	WABMF114
WABMF321	Precision Engineering and Metrology	3	0	2	4	WABMF113
WABMF411	Surface Engineering Coatings and Functionalization	3	1	0	4	WABMF114
WABMF412	Semiconductor and Microfabrication Processes	3	1	0	4	WABMF113
Supply Chain and Business Analytics							
WABMF322	Global Supply Chain Management	3	1	0	4	NIL
WABMF323	Production and Operations Management	3	1	0	4	NIL
WABMF324	Supply Chain Analytics	3	1	0	4	WABMF104
WABMF413	Enterprise Systems and Business Processes	3	1	0	4	WABMF323
WABMF414	Project Management	3	1	0	4	NIL
Project and Internship							
WABMF499	Project	0	0	0	8	NIL

(Annexure 7)

The Academic Council considered and approved the same.

Item 82/9

To consider and approve the courses under E-Mobility as a mandatory Concentration for Bachelor of Technology in Mechanical Engineering (Electric Vehicles) students at the Vellore Campus.

The curriculum was approved in the 77th meeting of the Academic Council held on 13th March 2025 [Item No. 77/4.21].

Course Code	Course Title	L	T	P	C	Prerequisite
Mandatory Concentration						
E-Mobility						
BAMEE344	Electric Vehicle Instrumentation and Data Analytics	3	0	2	4	NIL
BAMEE345	Battery Pack Design and Battery Management System	3	0	2	4	NIL
BAMEE346	Electric Vehicle Charger Development and Testing	3	0	2	4	NIL
BAMEE419	Motor Design, Drive Development and Testing	3	0	2	4	NIL
BAMEE420	Electric Vehicle Testing and Validation	3	0	2	4	NIL

(Annexure 8)

The Academic Council considered and approved the same.

Item 82/10

To consider and approve the course contents for Bachelor of Technology in Mechanical Engineering, Bachelor of Technology in Mechanical Engineering [Electric Vehicles] Bachelor of Technology in Mechanical Engineering [Smart Manufacturing] and Bachelor of Technology in Mechatronics and Automation programmes.

The curriculum was approved in the 77th meeting of the Academic Council held on 13th March 2025 [Item No. 77/4.20, 4.21, 4.22, 5,].

Course Code	Course Title	L	T	P	C	Prerequisite
University Core Course						
BAHUM102	Ethics in Engineering	2	0	0	2	NIL

(Annexure 9)

The Academic Council considered and approved the same.

Item 82/11

To consider and approve the course contents for Master of Science in Applied Microbiology programme.

The curriculum was approved in the 81st meeting of the Academic Council held on 10th March 2026 [Item No. 81/21].

Course Code	Course Title	L	T	P	C	Prerequisite
Professional Core Courses						
PAAMB501	Advanced Microbiology	3	0	2	4	NIL
PAAMB502	Molecular Biology	3	0	2	4	NIL
PAAMB503	Microbial Physiology and Metabolism	3	0	2	4	PAAMB501
PAAMB504	Microbial Fermentation Technology	3	0	2	4	PAAMB503
PAAMB505	Microbial Gene Technology	3	0	2	4	PAAMB502
PABIT506	Bioanalytical Technique	3	0	2	4	NIL
PABIT601	Applied Immunology	3	0	2	4	NIL
Professional Elective Courses						
PAAMB601	Environmental Microbiology	3	0	2	4	PAAMB501
PAAMB602	Food Microbiology	3	0	2	4	PAAMB501
PAAMB603	Probiotics Technology	3	0	0	3	PAAMB503
PAAMB604	Pharmaceutical Biotechnology	3	0	0	3	PAAMB502
PAAMB605	Soil and Agricultural Microbiology	3	0	2	4	PAAMB501
PAAMB606	Industrial Microbiology	3	0	2	4	PAAMB503
PAAMB607	Medical Microbiology	3	0	0	3	PAAMB501
PAAMB608	Diagnostic Microbiology	3	0	2	4	PAAMB501
PAAMB609	Drug Discovery and Development	3	0	0	3	PABIT506
PAAMB610	Virology	3	0	0	3	PAAMB501
PAAMB611	Vaccinology	3	0	0	3	PABIT601

(Annexure 10)

The Academic Council considered and approved the same.

Item 82/12

To consider and approve the course contents for Master of Science in Biomedical Genetics programme.

The curriculum was approved in the 81st meeting of the Academic Council held on 10th March 2026 [Item No. 81/22].

Course Code	Course Title	L	T	P	C	Prerequisite
Professional Core Courses						
PABMG501	Human Genetics	3	0	2	4	NIL
PABMG502	Molecular Genetics	3	0	2	4	NIL
PABMG503	Clinical Cytogenetics	3	0	2	4	PABMG501
PABMG504	Developmental Genetics	3	1	0	4	PABMG502
PABMG505	Cancer Genetics	3	0	2	4	PABMG502
PABMG506	Recombinant DNA Technology	3	0	2	4	PABMG502
PABIT601	Applied Immunology	3	0	2	4	NIL
Professional Elective Courses						
PABMG601	Human Anatomy and Physiology	3	0	0	3	NIL
PABMG602	Reproductive Genetics	3	0	0	3	PABMG501
PABMG603	Genomics and Precision Medicine	3	0	0	3	NIL
PABMG604	Environmental Genetics	3	0	0	3	PABMG501
PABMG605	Neurobiology	3	0	0	3	NIL

PABMG606	Biochemical Genetics	3	0	0	3	PABMG502
PABMG607	Behavioural Genetics	3	0	0	3	NIL
PABMG608	Epidemiology	3	0	0	3	NIL
PABMG609	Ethical, Legal and Social Issues in Genetic Counseling	3	0	0	3	PABMG503
PABMG610	Human Psychology	3	0	0	3	NIL
PABMG611	Genetic Counseling	3	0	0	3	PABMG503
PABMG612	Clinical Rotation	0	0	0	3	NIL

(Annexure 11)

The Academic Council considered and approved the same.

Item 82/13

To consider and approve the course contents for Master of Science in Biotechnology programme.

The curriculum was approved in the 81st meeting of the Academic Council held on 10th March 2026 [Item No. 81/23].

Course Code	Course Title	L	T	P	C	Prerequisite
Professional Core Courses						
PABIT501	Biostatistics and Research Methodology	3	0	2	4	NIL
PABIT502	Bioinformatics	3	0	2	4	NIL
PABIT503	Advanced Biochemistry	3	0	2	4	NIL
PABIT504	Microbiology	3	0	2	4	NIL
PABIT505	Cell and Molecular Biology	3	0	2	4	NIL
PABIT506	Bioanalytical Techniques	3	0	2	4	NIL
PABIT507	Genetic Engineering	3	0	2	4	PABIT505
Professional Elective Courses						
PABIT601	Applied Immunology	3	0	2	4	NIL
PABIT602	Bioremediation	3	0	2	4	PABIT504
PABIT603	Plant Biotechnology	3	0	2	4	NIL
PABIT604	Medical Diagnostics	3	1	0	4	PABIT506
PABIT605	Marine Biotechnology	3	1	0	4	NIL
PABIT606	Nutraceuticals	3	0	0	3	NIL
PABIT607	Nanobiotechnology	3	0	0	3	NIL
PABIT608	Applied Enzyme Technology	3	0	0	3	PABIT503
PABIT609	Tissue Engineering and Regenerative Medicine	3	0	0	3	NIL
PABIT610	Medical Biotechnology	3	0	0	3	PABIT505
PABIT611	Industrial Biotechnology	3	0	0	3	PABIT506
PABIT612	Cancer Biology and Therapeutics	3	0	0	3	PABIT505
PABIT613	Stem Cell Biology	3	0	0	3	NIL
PABIT614	Clinical and Translational Research	3	0	0	3	NIL
PABIT615	Forensic Science and Technology	3	0	0	3	NIL
PABIT616	Pharmacology and Toxicology	3	0	0	3	PABIT503
PABIT617	Medical Informatics	3	0	0	3	PABIT502
PABIT618	Metabolic Engineering	3	0	0	3	PABIT503
PABIT619	Genomics and Proteomics	3	0	0	3	PABIT502

PABIT620	Biomaterials	3	0	0	3	NIL
PABIT621	Computational and Integrative Biology	3	0	0	3	NIL
PABIT622	Artificial Intelligence in health care	3	0	0	3	PABIT502
PABIT623	GXP's Industrial Standards and Guidelines	3	0	0	3	NIL
PABIT624	Biobusiness and Entrepreneurship	3	1	0	4	NIL
PABIT625	Programming Tools and Methodology	3	0	0	3	NIL
PABIT626	Advanced Bioinformatics	3	0	0	3	NIL
PABIT627	Global Health Issues - Human and Social Science Approach	3	0	0	3	NIL
PABIT628	Data Mining	3	0	0	3	NIL
PABIT629	Computer Vision and Medical Imaging	3	0	0	3	NIL
PABIT630	Advanced Python for Machine Learning	2	0	2	3	NIL
PABIT631	Deep Learning and Applications	3	0	0	3	NIL
PABIT632	Biomedical Image Analysis	3	0	0	3	NIL
PABIT633	Drug Discovery from Natural Sources	3	0	0	3	NIL
PABIT634	Biomedical Biotechnology	3	0	0	3	NIL
PABIT635	Molecular Pharmacology and Pharmacokinetics	3	0	0	3	NIL
PABIT636	Practical Formulation and Bio pharmacy	3	0	0	3	NIL
PABIT637	Antiviral Strategies	3	0	0	3	NIL
PABIT638	Molecular Modelling	3	0	0	3	NIL
PABIT639	Molecular Markers and Selection	3	0	0	3	NIL
PABIT640	Therapeutic Approaches - Use of Resources from Plant Biodiversity	3	0	0	3	NIL
PABIT641	Seminar Cycle – I	0	0	0	2	NIL
PABIT642	Seminar Cycle – II	0	0	0	2	NIL

(Annexure 12)

The Academic Council considered and approved the same.

Item 82/14

To consider and approve the course contents for Five Year Integrated Master of Science in Biotechnology programme.

The curriculum was approved in the 81st meeting of the Academic Council held on 10th March 2026 [Item No. 81/27].

Course Code	Course Title	L	T	P	C	Prerequisite
University Core Courses						
TABIT102	Integrated Life Sciences	2	0	0	2	NIL
TABIT103	Bioethics and Biosafety	2	0	0	2	NIL
TABIT104	Cell Biology	3	0	2	4	NIL
TABIT105	Molecular Biology	3	0	2	4	NIL
TABIT106	Biochemistry	3	0	2	4	NIL
TABIT107	Industrial Unit Operations	3	0	2	4	NIL
TACSE107	Computer Programming :Python	2	0	4	4	NIL
TARES401	Research Methodology	2	0	0	2	NIL
TABIT299	Undergraduate Project I	0	0	0	3	NIL
TABIT399	Undergraduate Project II	0	0	0	3	NIL

Professional Core Courses						
TABIT201	Food Nutrition and Health	3	1	0	4	NIL
TABIT202	Genetics	3	1	0	4	NIL
TABIT203	Human Anatomy and Physiology	3	1	0	4	NIL
TABIT204	Microbiology	3	0	2	4	NIL
TABIT205	Genetic Engineering	3	0	2	4	TABIT105
TABIT206	Immunology	3	0	2	4	TABIT204
TABIT207	Fundamentals of Chemical Engineering	3	1	0	4	NIL
TABIT301	Fundamentals of Biostatistics	3	1	0	4	NIL
TABIT302	Analytical Techniques	3	0	2	4	TABIT106
TABIT303	Downstream Processing	3	0	2	4	TABIT106
TABIT304	Bioinformatics	3	0	2	4	NIL
TABIT305	Bioprocess Engineering	3	0	2	4	TABIT107
TABIT401	Plant Biotechnology	3	0	2	4	TABIT105
TABIT402	Animal Biotechnology	3	0	2	4	TABIT205
TABIT403	Biological Databases	3	0	2	4	TABIT304
TABIT404	Systems Biology	3	1	0	4	TABIT106
TABIT416	BioBusiness and Entrepreneurship	3	1	0	4	NIL
Professional Elective Courses						
TABIT208	Cancer Biology	3	0	0	3	TABIT105
TABIT209	Food Biotechnology	3	0	0	3	TABIT204
TABIT210	Genomics	3	0	0	3	TABIT105
TABIT211	Developmental Biology	3	0	0	3	TABIT104
TABIT212	Forensic Science	3	0	0	3	TABIT105
TABIT213	Proteomics	3	0	0	3	TABIT105
TABIT306	Aquatic Biotechnology	3	0	0	3	TABIT106
TABIT307	Medical Biotechnology	3	0	0	3	TABIT106
TABIT308	Environmental Biotechnology	3	0	0	3	TABIT204
TABIT309	Industrial Biotechnology	3	0	0	3	TABIT305
TABIT310	Pharmaceutical Biotechnology	3	0	0	3	TABIT106
TABIT405	Gene Therapy	3	0	0	3	NIL
TABIT406	Biodiversity and Conservation Biology	3	0	0	3	TABIT304
TABIT407	Molecular Modelling and Drug Design	2	0	2	3	TABIT106
TABIT408	Neurobiology	3	0	0	3	TABIT106
TABIT409	Stem Cell Technology	3	0	0	3	TABIT204
TABIT410	Epidemiology and Public Health	3	0	0	3	TABIT106
TABIT411	Molecular Endocrinology	3	0	0	3	TABIT106
TABIT412	Vaccinology	3	0	0	3	TABIT206
TABIT413	Biomaterials	3	0	0	3	NIL
TABIT414	Artificial Intelligence in Healthcare	2	0	2	3	TABIT404
TABIT415	Nanobiotechnology	3	0	0	3	TABIT302
Skill Enhancement Elective Courses						
TABIT311	Histology and Cytology	1	0	2	2	TABIT104
TABIT312	Plant Tissue Culture	1	0	2	2	TABIT401
TABIT313	Animal Cell Culture	1	0	2	2	TABIT402
TABIT417	Cytogenetics and Karyotyping	1	0	2	2	TABIT202
TABIT418	Computational Intelligence in Biotechnology	1	0	2	2	TABIT304
TABIT419	Animal Handling	1	0	2	2	TABIT402
TABIT420	Computational Biochemistry and Biomedicine	1	0	2	2	TABIT106
TABIT421	High throughput Data Processing	1	0	2	2	TABIT403

	Project and Internship						
	TABIT497	Summer Internship/Project				2	NIL
	TABIT498	Research Project I				4	NIL
	TABIT499	Research Project II / Internship				8	NIL

(Annexure 13)

The Academic Council considered and approved the same.

Item 82/15

To consider and approve the course contents for Five Year Integrated Master of Science in Food Science and Technology programme.

The curriculum was approved in the 81st meeting of the Academic Council held on 10th March 2026 [Item No. 81/28].

Course Code	Course Title	L	T	P	C	Prerequisite
University Core Courses						
TABIT102	Integrated Life Sciences	2	0	0	2	NIL
TABIT103	Bioethics and Biosafety	2	0	0	2	NIL
TABIT104	Cell Biology	3	0	2	4	NIL
TABIT105	Molecular Biology	3	0	2	4	NIL
TABIT106	Biochemistry	3	0	2	4	NIL
TABIT107	Industrial Unit Operations	3	0	2	4	NIL
TACSE107	Computer Programming :Python	2	0	4	4	NIL
TARES401	Research Methodology	2	0	0	2	NIL
TAFSI299	Undergraduate Project I	0	0	0	3	NIL
TAFSI399	Undergraduate Project II	0	0	0	3	NIL
Professional Core Courses						
TAFSI201	Principles of Food Science	3	1	0	4	NIL
TAFSI202	Food Chemistry	3	1	0	4	NIL
TAFSI203	Food Microbiology	3	0	2	4	NIL
TAFSI204	Food Preservation Technology	3	0	2	4	TABIT102
TAFSI205	Food Process Technology	3	0	2	4	TABIT102
TAFSI206	Food Additives	3	1	0	4	NIL
TAFSI207	Physiology and Nutrition	3	1	0	4	TAFSI202
TAFSI208	Food Quality, Analysis and Toxicology	3	0	2	4	TAFSI202
TAFSI301	Milk and Milk Products Technology	3	0	2	4	TAFSI205
TAFSI303	Food Safety, Laws and Regulations	3	1	0	4	NIL
TAFSI304	Food Packaging	3	0	2	4	TAFSI205
TAFSI305	Food Engineering	3	0	2	4	TAFSI205
TAFSI306	Animal Products Technology	3	0	2	4	TAFSI204
TAFSI401	Baking and Confectionary Technology	3	0	2	4	TAFSI301
TAFSI402	Production Technology of Spices and Plantation Crops	3	1	0	4	TAFSI204
TAFSI403	Grain Science and Technology	3	0	2	4	TAFSI208
TAFSI404	Food Equipment Design and Automation	3	1	0	4	TAFSI205
Professional Elective Courses						
TAFSI209	Food Adulteration	3	0	0	3	NIL
TAFSI302	Nutraceuticals and Functional Foods	3	0	0	3	TAFSI201

	TAFSI307	Fruit and Vegetable Processing Technology	3	0	0	3	TAFSI204
	TAFSI308	Nutrition and Dietetics	3	0	0	3	TAFSI201
	TAFSI309	Industrial Enzymology	3	0	0	3	TAFSI202
	TAFSI310	Beverage Processing Technology	3	0	0	3	TAFSI204
	TAFSI405	Crop Production Concepts and Practices	3	0	0	3	TAFSI301
	TAFSI406	Food Fermentation and Synbiotic Technology	3	0	0	3	TAFSI303
	TAFSI407	Technology of Fats and Oils	2	0	0	2	TAFSI306
	TAFSI408	Industry Standards and Guidelines	3	0	0	3	TAFSI305
	TAFSI409	Food Nanotechnology	3	0	0	3	TAFSI306
	TAFSI410	AI in Food Industry Automation	2	0	2	3	TAFSI305
	TAFSI411	Food Forensics	3	0	0	3	TAFSI203
	TAFSI412	Food Rheology	3	0	0	3	TAFSI204
	TAFSI413	Instrumental Methods of Food Analysis	3	0	0	3	TAFSI201
	TAFSI414	Food Enzymology and Biocatalysis	3	0	0	3	TAFSI305
	TAFSI415	Sensory Analysis and Flavor Chemistry	2	0	0	2	TAFSI204
	TAFSI416	Cold Chain Management and Food Logistics	2	0	0	2	TAFSI303
	TAFSI417	Nutrigenomics	2	0	0	2	TAFSI305
	TAFSI418	Design Project	0	0	0	3	NIL
	Skill Enhancement Elective Courses						
	TAFSI311	Value Added Food Products	1	0	2	2	NIL
	TAFSI312	Mushroom Farming	1	0	2	2	NIL
	TAFSI313	Beekeeping and Honey Processing	1	0	2	2	NIL
	TAFSI314	Biofortification of Foods	1	0	2	2	NIL
	Project and Internship						
	TAFSI497	Summer Industrial Internship				2	NIL
	TAFSI498	Research Project I				4	NIL
	TAFSI499	Research Project II / Internship				8	NIL

(Annexure 14)

The Academic Council considered and approved the same.

Item 82/16

To consider and approve the course contents for Master of Science in Physics programme.

The curriculum was approved in the 81st meeting of the Academic Council held on 10th March 2026 [Item No. 81/17].

Course Code	Course Title	L	T	P	C	Prerequisite
Professional Core Courses						
PAPHY501	Mathematical Physics	3	1	0	4	NIL
PAPHY502	Classical Mechanics	3	1	0	4	NIL
PAPHY503	Classical Electrodynamics	3	1	0	4	NIL
PAPHY504	Quantum Mechanics	3	1	0	4	NIL
PAPHY505	Statistical Mechanics	3	1	0	4	NIL
PAPHY506	Solid State Physics	3	0	2	4	NIL
PAPHY507	Electronics	3	0	2	4	NIL

Professional Elective Courses						
PAPHY601	Advanced Physics Lab	0	0	4	2	NIL
PAPHY602	Nuclear Physics	3	0	0	3	NIL
PAPHY603	Atomic and Molecular Physics	3	0	0	3	NIL
PAPHY604	Lasers and Nonlinear Optics	3	0	0	3	NIL
PAPHY605	Fiber Optics and Optoelectronics	3	0	2	4	NIL
PAPHY606	Plasma Physics	3	0	0	3	NIL
PAPHY607	Molecular Biophysics	3	0	0	3	NIL
PAPHY608	Analytical Instrumentation Lab	0	0	4	2	NIL
PAPHY609	General Theory of Relativity	3	0	0	3	PAPHY505
PAPHY610	Statistical Studies of Complex Systems	3	0	0	3	PAPHY505
PAPHY611	Advanced Computational Methods	3	0	2	4	NIL
PAPHY612	Physics of Magnetism	3	0	0	3	NIL
PAPHY613	Physics and Technology of Thin Films	3	0	0	3	NIL
PAPHY614	Photonics	3	0	0	3	PAPHY503
PAPHY615	Astrophysics	3	0	0	3	PAPHY502
PAPHY616	Quantum Field Theory	3	0	0	3	PAPHY504
PAPHY617	Quantum Information Theory	3	1	0	4	PAPHY504
PAPHY618	Physics of Semiconductor Devices	3	0	0	3	NIL
PAPHY619	Physics of Nanotechnology	3	0	0	3	NIL
PAPHY620	Instrumentation Techniques	3	0	0	3	NIL
PAPHY621	Numerical Methods in Physics	2	0	2	3	NIL
Open Elective Courses						
PAPHY622	Machine Learning	3	0	0	3	NIL
PAPHY623	Deep Learning	3	0	0	3	NIL

(Annexure 15)

The Academic Council considered and approved the same.

Item 82/17

To consider and approve the course contents for Five Year Integrated Master of Science in Physics programme.

The curriculum was approved in the 81st meeting of the Academic Council held on 10th March 2026 [Item No. 81/24].

Course Code	Course Title	L	T	P	C	Prerequisite
University Core Courses						
TAPHY101	Modern Physics	3	0	2	4	NIL
TAPHY102	Physics of Waves	3	0	2	4	NIL
Professional Core Courses						
TAPHY103	Mechanics	3	1	0	4	NIL
TAPHY104	Thermodynamics	3	1	0	4	NIL
TAPHY201	Introductory Mathematical Physics	3	1	0	4	NIL
TAPHY202	Elements of Quantum Mechanics	3	1	0	4	NIL
TAPHY203	Electricity and Magnetism	3	1	0	4	NIL
TAPHY204	Basic Electronics	3	0	2	4	NIL
TAPHY301	Properties of Matter	3	0	2	4	NIL

TAPHY302	Optics	3	0	2	4	NIL
TAPHY303	Solid State Physics	3	0	2	4	NIL
TAPHY304	Nuclear and Particle Physics	3	1	0	4	NIL
TAPHY401	Classical Mechanics	3	1	0	4	NIL
TAPHY402	Quantum Mechanics	3	1	0	4	NIL
TAPHY403	Statistical Mechanics	3	1	0	4	NIL
TAPHY404	Classical Electrodynamics	3	1	0	4	NIL
TAPHY405	Advanced Computational Methods	3	0	2	4	NIL
Professional Elective Courses						
TAPHY408	Numerical Methods	3	0	2	4	NIL
TAPHY409	Quantum Information Theory	3	1	0	4	TAPHY202
TAPHY410	Semiconductor Devices	3	0	0	3	NIL
TAPHY411	Atomic Spectroscopy	3	0	0	3	NIL
TAPHY412	Digital Electronics	3	0	0	3	NIL
TAPHY413	Nanoscience and Nanotechnology	3	0	0	3	NIL
TAPHY414	General Physics Lab	0	0	4	2	NIL
TAPHY415	Physics and Technology of Thin Films	3	0	0	3	NIL
TAPHY416	Mathematical Physics	3	1	0	4	NIL
TAPHY418	Astrophysics	3	0	0	3	TAPHY416
TAPHY419	Quantum Field Theory	3	0	0	3	TAPHY416
TAPHY420	General Theory of Relativity	3	0	0	3	TAPHY416
TAPHY421	Statistical Studies of Complex Systems	3	0	0	3	TAPHY416
TAPHY422	Plasma Physics	3	0	0	3	NIL
TAPHY423	Physics of Magnetism	3	0	0	3	NIL
TAPHY424	Lasers and Non-linear Optics	3	0	0	3	NIL
TAPHY425	Photonics	3	0	0	3	TAPHY404
Open Elective Courses						
TAPHY428	Machine Learning	3	0	0	3	NIL
TAPHY429	Deep Learning	3	0	0	3	NIL

(Annexure 16)

The Academic Council considered and approved the same.

Item 82/18

To consider and approve the course contents for Master of Science in Chemistry programme.

The curriculum was approved in the 81st meeting of the Academic Council held on 10th March 2026 [Item No. 81/18].

Course Code	Course Title	L	T	P	C	Prerequisite
Professional Core Courses						
PACHY501	Physical Chemistry	3	0	2	4	NIL
PACHY502	Inorganic Chemistry	3	0	2	4	NIL
PACHY503	Organic Chemistry	3	0	2	4	NIL
PACHY504	Molecular Spectroscopy	3	1	0	4	NIL
PACHY505	Quantum Chemistry	3	1	0	4	NIL
PACHY506	Analytical Chemistry	3	0	2	4	NIL
PACHY507	Computational Chemistry	3	0	2	4	NIL

	Professional Elective Courses						
	PACHY601	Sustainable Chemistry	3	0	0	3	NIL
	PACHY602	Advanced Organic Chemistry	3	0	0	3	NIL
	PACHY603	Chemistry of Heterocyclic Compounds	3	0	0	3	NIL
	PACHY604	Organic Synthesis and Methodology	3	0	0	3	NIL
	PACHY605	Photochemistry and Pericyclic Reactions	3	0	0	3	NIL
	PACHY606	Electroanalytical and Separation Techniques	3	0	0	3	NIL
	PACHY607	Environmental and Industrial Analytical Chemistry	3	0	0	3	NIL
	PACHY608	Bioanalytical and Forensic Analysis	3	0	0	3	NIL
	PACHY609	Analytical Quality Assurance for Industry	3	0	0	3	NIL
	PACHY610	Advanced Inorganic Chemistry	3	0	0	3	PACHY502
	PACHY611	Materials Chemistry	3	0	0	3	NIL
	PACHY612	Nanomaterials and Characterization Techniques	3	0	0	3	NIL
	PACHY613	Inorganic Photochemistry	3	0	0	3	NIL
	PACHY614	Inorganic Chemistry Specialization Lab	0	0	4	2	NIL
	PACHY615	Process Chemistry in Pharmaceutical Industry	3	0	0	3	NIL
	PACHY616	Pharmacognosy and Phytochemistry	3	0	0	3	NIL
	PACHY617	Pharmaceutical Quality Control and Quality Assurance	3	0	0	3	NIL
	PACHY618	Medicinal Chemistry	3	0	0	3	NIL
	PACHY619	Advanced Physical Chemistry	3	0	0	3	PACHY501
	PACHY620	General Organic and Inorganic Chemistry Lab	0	0	4	2	NIL
	PACHY621	Organometallic Chemistry	3	0	0	3	NIL
	PACHY622	Organic Chemistry Specialization Lab	0	0	4	2	NIL
	PACHY623	Analytical Chemistry Specialization Lab	0	0	4	2	NIL
	PACHY624	Pharmaceutical Chemistry Specialization Lab	0	0	4	2	NIL
	Open Elective Courses						
	PACHY625	Drug Design	3	0	0	3	NIL
	PACHY626	Polymer Chemistry	3	0	0	3	NIL
	PACHY627	Biophysical Chemistry	3	0	0	3	NIL
	PACHY628	NMR, EPR and Mass Spectrometry	3	0	0	3	NIL
	PACHY629	Bioorganic Chemistry	3	0	0	3	NIL
	PACHY630	Nanomaterials	3	0	0	3	NIL
	PACHY631	Green Chemistry	3	0	0	3	NIL
	PACHY632	Nuclear Chemistry	3	0	0	3	NIL
	PACHY633	Advanced Chromatography	3	0	0	3	NIL

(Annexure 17)

The Academic Council considered and approved the same.

Item 82/19

To consider and approve the course contents for Five Year Integrated Master of Science in Chemistry programme.

The curriculum was approved in the 81st meeting of the Academic Council held on 10th March 2026 [Item No. 81/25].

Course Code	Course Title	L	T	P	C	Prerequisite
University Core Courses						
TACHY101	Inorganic and Organic Chemistry	3	0	2	4	NIL
TACHY102	Physical and Analytical Chemistry	3	0	2	4	NIL
Professional Core Courses						
TACHY201	Organic Reactions and Mechanism	3	0	2	4	NIL
TACHY203	Principles of Physical Chemistry	3	0	2	4	NIL
TACHY204	Chemistry of s and p block elements	3	1	0	4	NIL
TACHY301	Transition and Inner Transition Elements	3	0	2	4	NIL
TACHY302	Chemistry of Heterocyclic and Natural Products	3	0	2	4	TACHY101
TACHY303	Instrumental Methods in Chemical Analysis	3	0	2	4	TACHY102
TACHY304	Chemical Kinetics and Surface Chemistry	3	0	2	4	TACHY102
TACHY305	Modern Methods in Organic Synthesis	3	1	0	4	TACHY101
TACHY306	Coordination and Organometallic Chemistry	3	0	2	4	TACHY101
TACHY311	State of Matter and Colloids	3	1	0	4	NIL
Professional Elective Courses						
TACHY202	Lab Safety Training	1	0	2	2	NIL
TACHY205	Sustainable Chemistry	3	0	0	3	NIL
TACHY206	Stereochemistry	3	0	0	3	NIL
TACHY207	Quality Control and Quality Assurance	3	0	0	3	NIL
TACHY307	Industrial Organic Chemistry	3	0	0	3	TACHY201
TACHY308	Energy Storage Devices	3	0	0	3	TACHY203
TACHY309	Nuclear Chemistry	3	0	0	3	TACHY102
TACHY310	Group Theory for Chemists	3	0	0	3	NIL
TACHY312	Separation Techniques	3	0	0	3	TACHY102
Ability Enhancement Compulsory Course						
TACHY103	Environmental Sciences	3	0	0	3	NIL
Skill Enhancement Elective Courses						
TACHY208	Analytical Instrumentation	1	0	2	2	NIL
TACHY209	Sophisticated Analytical Instrumentation	1	0	2	2	TACHY208

(Annexure 18)

The Academic Council considered and approved the same.

Item 82/20

To consider and approve the course contents for Master of Science in Data Science programme.

The curriculum was approved in the 81st meeting of the Academic Council held on 10th March 2026 [Item No. 81/19].

Course Code	Course Title	L	T	P	C	Prerequisite
Professional Core Courses						
PAMDS501	Applied Linear Algebra	3	1	0	4	NIL
PAMDS502	Probability and Distribution Models	3	1	0	4	NIL
PAMDS503	Statistical Inference	3	0	2	4	PAMDS502
PAMDS504	Regression Analysis and Predictive Models	3	0	2	4	NIL
PAMDS505	Data Mining and Machine Learning	3	0	2	4	PAMDS501
PAMDS506	Deep Learning	3	0	2	4	PAMDS501
PAMDS507	Python Programming	2	0	4	4	NIL
Professional Elective Courses						
PAMDS601	Artificial Intelligence	3	0	2	4	NIL
PAMDS602	Database Management Systems	3	0	2	4	NIL
PAMDS603	Advanced Machine Learning	3	0	2	4	PAMDS505
PAMDS604	Optimization Techniques	3	1	0	4	NIL
PAMDS605	Natural Language Processing	3	1	0	4	NIL
PAMDS606	Data Structures and Algorithms	3	0	2	4	NIL
PAMDS607	Big Data Analytics	3	0	2	4	NIL
PAMDS608	Large Language Models	3	0	2	4	PAMDS605
PAMDS609	Generative AI	3	1	0	4	PAMDS603
PAMDS610	Quantum Information Science	3	1	0	4	NIL
PAMDS611	Reinforcement Learning	3	0	2	4	NIL
PAMDS612	Multivariate Data Analysis	3	0	2	4	PAMDS502
PAMDS613	Financial Data Analytics	2	0	2	3	NIL
PAMDS614	Healthcare Analytics	2	0	2	3	NIL

(Annexure 19)

The Academic Council considered and approved the same.

Item 82/21

To consider and approve the course contents for Five Year Integrated Master of Science in Data Science programme.

The curriculum was approved in the 81st meeting of the Academic Council held on 10th March 2026 [Item No. 81/5].

Course Code	Course Title	L	T	P	C	Prerequisite
University Core Courses						
TAMDA101	Mathematical Foundations for Data Science	3	1	0	4	NIL
TAMDA102	Probability and Distribution Models	3	1	0	4	NIL
TAMDA201	Linear Algebra for Data Science	3	1	0	4	TAMDA101
TAPHY106	Foundations of Modern Physics	3	0	2	4	NIL
TACSE106	Digital Logic and Computer Organization	3	1	0	4	NIL
TACSE205	Object-Oriented Programming with C++	3	0	2	4	TACSE101
TAMDA199	Interdisciplinary Project-I	0	0	0	2	NIL

	Professional Core Course						
	TAMDA103	Inferential Statistics	3	0	2	4	TAMDA102

(Annexure 20)

The Academic Council considered and approved the same.

Item 82/22

To consider and approve the course contents for Five Year Integrated Master of Science in Mathematics programme.

The curriculum was approved in the 81st meeting of the Academic Council held on 10th March 2026 [Item No. 81/26].

Course Code	Course Title	L	T	P	C	Prerequisite
	University Core Courses					
TAMAT101	Calculus and Analytical Geometry	3	0	2	4	NIL
TAMAT102	Ordinary and Partial Differential Equations	3	1	0	4	TAMAT101
TACSE105	Programming in Python Lab	0	0	4	2	NIL
TAMAT199	Interdisciplinary Project-I	0	0	0	2	NIL

(Annexure 21)

The Academic Council considered and approved the same.

Item 82/23

To consider and approve the course contents for Master of Science in Business Statistics programme.

The curriculum was approved in the 81st meeting of the Academic Council held on 10th March 2026 [Item No. 81/20].

Course Code	Course Title	L	T	P	C	Prerequisite
	Professional Core Courses					
PAMBS501	Probability and Statistics	3	0	2	4	NIL
PAMBS502	Data Analysis and Decision Making	3	0	2	4	NIL
PAMBS503	Machine Learning	3	0	2	4	NIL
PAMBS504	Time Series Analysis and Forecasting	3	0	2	4	NIL
	Professional Elective Courses					
PAMBS601	Artificial Intelligence for Business Analytics	3	0	2	4	NIL
PAMBS602	Survey Sampling and Design	3	1	0	4	PAMBS501
PAMBS603	Optimization Modelling	3	1	0	4	NIL
PAMBS604	Actuarial Statistics	3	0	0	3	PAMBS501
PAMBS605	Econometrics	3	0	0	3	PAMBS501

PAMBS606	Social Network Analysis	3	0	0	3	PAMBS503
PAMBS607	Statistical Quality Control	3	0	0	3	NIL

(Annexure 22)

The Academic Council considered and approved the same.

Item 82/24

To consider and approve the revision of course contents for the course offered for Five Year Integrated Master of Science in Computational Statistics and Data Analytics programme.

The curriculum was approved in the 77th meeting of the Academic Council held on 13th March 2025 [Item No. 77/10].

University Core Course						
Course Code	Course Title	L	T	P	C	Prerequisite
TAPHY101	Modern Physics	3	0	2	4	NIL

(Annexure 23)

The Academic Council considered and approved the same.

Item 82/25

To consider and approve the course contents for Bachelor of Science in Multimedia and Animation programme.

The curriculum was approved in the 81st meeting of the Academic Council held on 10th March 2026 [Item No. 81/81].

Course Code	Course Title	L	S	O	C	Prerequisite
Professional Core Courses						
UAMMA101	Multimedia Systems	0	2	4	4	NIL
UAMMA102	Drawing and Sketching	0	2	4	4	NIL
UAMMA103	Elements of Design	0	2	4	4	NIL
UAMMA104	Character and Environmental Design	0	2	4	4	NIL
UAMMA105	Graphic Design I	0	2	4	4	UAMMA103
UAMMA106	Photography	0	2	4	4	NIL
Professional Elective Course						
UAMMA107	Scripting and Storyboarding	0	2	4	4	NIL
Skill Enhancement Elective Courses						
UAMMA306	Media Entrepreneurship	3	1	0	4	NIL
UAMMA307	Media Management	3	0	0	3	NIL

	Value Added Course						
	UAMMA308	Artificial Intelligence for Media	3	0	0	3	NIL

(Annexure 24)

The Academic Council considered and approved the same.

Item 82/26

To consider and approve the course contents for Bachelor of Science in Visual Communication programme.

The curriculum was approved in the 81st meeting of the Academic Council held on 10th March 2026 [Item No. 81/82].

Course Code	Course Title	L	S	O	C	Prerequisite
Professional Core Courses						
UABVI101	Drawing and Sketching	0	2	4	4	NIL
UABVI102	Visual Communication	3	0	0	3	NIL
UABVI103	History of Arts and Visual Culture	3	0	0	3	NIL
UABVI104	Elements of Design	0	2	4	4	NIL
UABVI105	Scripting and Storyboarding	0	2	4	4	NIL
UABVI106	Photography	0	2	4	4	NIL
Professional Elective Course						
UABVI107	Visual Arts	0	2	4	4	NIL
Skill Enhancement Elective Courses						
UABVI108	Computer System and Applications	0	2	4	4	NIL
UABVI307	Media Entrepreneurship	3	1	0	4	NIL
Value Added Course						
UABVI211	Artificial Intelligence in Visual Communication	3	0	0	3	NIL

(Annexure 25)

The Academic Council considered and approved the same.

Item 82/27

To consider and approve the inclusion of the following courses into the curriculum of Bachelor of Computer Applications programme applicable for 2023, 2024 and 2025 batches.

Discipline Elective Courses						
Course Code	Course Title	L	T	P	C	Prerequisite
UCSC401L	Design and Analysis of Algorithms	3	0	0	3	NIL

UCSC401P	Design and Analysis of Algorithms Lab	0	0	2	1	NIL
UCSC403L	Natural Language Processing	3	1	0	4	NIL
UCSC404L	High Performance Computing	3	1	0	4	NIL
UCSC405L	Optimization Techniques	3	1	0	4	NIL
UCSC409L	Cyber Physical Systems	3	1	0	4	NIL
UCSC410L	Augmented Reality and Virtual Reality	3	1	0	4	NIL
UCSC412L	Malware Analysis	3	1	0	4	NIL

The Academic Council considered and approved the same.

Item 82/28

To consider and approve the revision of course contents for the courses offered for Bachelor of Technology programmes.

The curriculum was approved in the 77th meeting of the Academic Council held on 13th March 2025 [Item No. 77/4.1 – 77/4.25].

University Core Courses						
Course Code	Course Title	L	T	P	C	Prerequisite
BAMAT101	Multivariable Calculus and Differential Equations	3	0	2	4	NIL
BAMAT201	Complex Variables and Linear Algebra	3	1	0	4	BAMAT101
BAMAT202	Linear Algebra	3	0	2	4	BAMAT101
BAMAT203	Linear Algebra and Dynamical Systems	3	1	0	4	BAMAT101
BAMAT204	Applied Linear Algebra	3	1	0	4	BAMAT101
BAMAT205	Discrete Mathematics and Linear Algebra	3	1	0	4	BAMAT101
BAMAT206	Linear Algebra and Integral Transforms	3	1	0	4	BAMAT101
BAMAT207	Probability and Statistics	3	0	2	4	BAMAT101

(Annexure 26)

The Academic Council considered and approved the same.

Item 82/29

To consider and approve the course contents for the courses offered for Bachelor of Technology programmes.

The curriculum was approved in the 77th meeting of the Academic Council held on 13th March 2025 [Item No. 77/4.1 – 77/4.25].

	University Core Course						
	Course Code	Course Title	L	T	P	C	Prerequisite
	BAKOR101	Basic Korean – Level 1 **(기본 한국어1)**	1	0	2	2	NIL
	BACHE191	Basic Multidisciplinary Project	0	0	4	2	NIL
	BACSE191	Basic Multidisciplinary Project	0	0	4	2	NIL
	BABIT191	Basic Multidisciplinary Project	0	0	4	2	NIL
	BACLE191	Basic Multidisciplinary Project	0	0	4	2	NIL
	BAEEE191	Basic Multidisciplinary Project	0	0	4	2	NIL
	BAHST191	Basic Multidisciplinary Project	0	0	4	2	NIL
	BAITE191	Basic Multidisciplinary Project	0	0	4	2	NIL
	BAMEE191	Basic Multidisciplinary Project	0	0	4	2	NIL

(Annexure 27)

The Academic Council considered and approved the same.

Item 82/30

To consider and approve the course contents for the courses offered for Five Year Integrated Master of Technology programmes.

The curriculum was approved in the 78th meeting of the Academic Council held on 12th June 2025 [Item No. 78/26, 27].

University Core Course						
Course Code	Course Title	L	T	P	C	Prerequisite
IAKOR101	Basic Korean – Level 1 **(기본 한국어1)**	1	0	2	2	NIL
Humanities, Social Science and Management Electives						
IAHUM106	Micro Economics	3	0	0	3	NIL
IAHUM107	Macro Economics	3	0	0	3	NIL
IAHUM108	Public Policy and Administration	3	0	0	3	NIL
IAHUM109	Principles of Sociology	3	0	0	3	NIL
IAHUM110	Sustainability and Society	3	0	0	3	NIL
IAHUM111	Introduction to Psychology	3	0	0	3	NIL
IAHUM112	Psychology in Everyday Life	3	0	0	3	NIL
IAHUM118	Indian Heritage and Culture	3	0	0	3	NIL
IAHUM119	International Relations	3	0	0	3	NIL
Open Elective Courses						
IAHUM213	International Economics	3	0	0	3	NIL
IAHUM214	Mathematical Economics	3	0	0	3	IAHUM106
IAHUM215	Development Economics	3	0	0	3	IAHUM106

IAHUM216	Game Theory	3	0	0	3	IAHUM106
IAHUM217	Basic Econometrics	2	0	2	3	NIL
IAHUM218	Economics of Strategy	3	0	0	3	IAHUM106
IAHUM219	Tourism in India	3	0	0	3	NIL
IAHUM220	Yoga for Human Excellence	3	1	0	4	NIL
IAHUM222	Contemporary India	3	0	0	3	NIL
IAHUM223	Indian Society: Structure and Change	3	0	0	3	NIL
IAHUM224	Introduction to Political Science	3	0	0	3	NIL
IAHUM225	Indian Knowledge System	3	1	0	4	NIL
IAHUM226	Indian Classical Music	2	1	0	3	NIL
IAHUM227	Indian Psychology	3	0	0	3	NIL
IAHUM228	Psychopathology	3	0	0	3	IAHUM111
IAHUM229	Counselling Skills and Psychotherapy	3	0	0	3	IAHUM111
IAHUM230	Psychological First Aid	3	0	0	3	NIL
IAHUM231	Social Psychology	3	0	0	3	NIL
IAHUM232	Happiness and Well-Being	3	0	0	3	NIL
IAHUM233	Industrial Psychology	3	0	0	3	NIL
IAHUM236	Behavioural Economics	3	0	0	3	IAHUM106
IAHUM237	Welfare Economics	3	0	0	3	IAHUM106
IAHUM238	Environmental Economics	3	0	0	3	IAHUM106
IAHUM239	Indian History	3	0	0	3	NIL
IAHUM240	Science, Technology, and Society	3	0	0	3	NIL
IAHUM241	Human Connection in Digital Era	3	0	0	3	NIL
IAHUM242	Information Communication Technology and Society	3	0	0	3	NIL
IAHUM243	Social Issues and Development in India	3	0	0	3	NIL
IAHUM244	Rural Development	3	0	0	3	NIL
IAHUM245	Sociology of Media and Mass Communication	3	0	0	3	NIL
IAHUM246	Urban Development: Contemporary Concerns and Challenges	3	0	0	3	NIL
IAHUM247	Social Work and Sustainability	3	0	0	3	NIL
IAHUM248	Design Psychology & Human centered design	3	0	0	3	IAHUM111
IAHUM249	Psychology of Intelligent Machines	3	0	0	3	NIL
IAHUM250	Indian Economy	3	0	0	3	NIL

(Annexure 28)

The Academic Council considered and approved the same.

Item 82/31

To consider and approve the revision of course contents for the courses offered for Five Year Integrated Master of Science in Biotechnology, Five Year Integrated Master of Science in Food Science and Technology programmes.

The curriculum was approved in the 81st meeting of the Academic Council held on 10th March 2026 [Item No. 81/27, 28].

University Core Courses						
Course Code	Course Title	L	T	P	C	Prerequisite
TAMAT103	Mathematics for Biologists	3	0	0	3	NIL
TAMAT105	Probability and Statistics for Biologists	2	0	2	3	NIL

(Annexure 29)

The Academic Council considered and approved the same.

Item 82/32

To consider and approve the revision of course contents for the courses offered for Bachelor of Computer Applications and Bachelor of Science in Computer Science programmes.

The curriculum was approved in the 81st meeting of the Academic Council held on 10th March 2026 [Item No. 81/6, 7].

Professional Core Courses						
Course Code	Course Title	L	T	P	C	Prerequisite
UAMAT101	Discrete Mathematics	3	1	0	4	NIL
UAMAT102	Probability and Statistics	3	1	0	4	NIL
UAMAT201	Linear Algebra	3	1	0	4	NIL

(Annexure 30)

The Academic Council considered and approved the same.

Item 8233

To consider and approve the course contents for Five Year Integrated Master of Science in Physics, Five Year Integrated Master of Science in Chemistry, Five Year Integrated Master of Science in Mathematics, Five Year Integrated Master of Science in Biotechnology, Five Year Integrated Master of Science in Food Science and Technology and Five Year Integrated Master of Science in Data Science programmes.

The curriculum was approved in the 81st meeting of the Academic Council held on 10th March 2026 [Item No. 81/24, 25, 26, 27, 28, 5].

University Core Course						
Course Code	Course Title	L	T	P	C	Prerequisite
TAHUM102	Ethics and Values	2	0	0	2	NIL

	Ability Enhancement Compulsory Courses						
	TAENG200	Effective Communication Skills	3	0	0	3	NIL
	TAENG101	Technical English Communication	3	0	2	4	NIL

(Annexure 31)

The Academic Council considered and approved the same.

Item 82/34

To consider and approve the curriculum for Minor in Electronic System Design applicable for the Bachelor of Technology Programmes.

Minor in Electronic System Design						
Course Code	Course Title	L	T	P	C	Prerequisite
BAPHY107	Physics of Semiconductor Devices	3	0	2	4	NIL
BAECE102	Digital Logic Design	3	0	2	4	NIL
BAECE103	Network Theory	3	1	0	4	NIL
BAECE203	Analog Electronics	3	0	2	4	BAPHY107
BAECE204	Microcontrollers and Embedded C Programming	3	0	2	4	BAECE102/ BAEVD102
BAECE207	Analog and Digital Communication Systems	3	0	2	4	BAECE203
BAECE302	VLSI System Design	3	0	2	4	BAECE102
BAECE315	Embedded System Design	3	0	2	4	BAECE204

(Annexure 32)

The Academic Council considered and approved the same.

Item 82/35

To consider and approve the curriculum for Minor in Semiconductor Chip Design applicable for the Bachelor of Technology Programmes.

Minor in Semiconductor Chip Design						
Course Code	Course Title	L	T	P	C	Prerequisite
BAEVD102	Digital System Design	3	0	2	4	NIL
BAEVD205	VLSI Circuit Design	3	0	2	4	BAEVD102/ BAEEE201
BAEVD301	Verification methodologies	3	0	2	4	BAEVD102/ BAECE102/ BAEEE201
BAEVD303	ASIC Design	3	0	2	4	BAEVD102/ BAECE102/ BAEEE201
BAEVD305	CAD for IC Design	3	1	0	4	BAEVD102/ BAECE102/ BACSE103/ BAITE101/ BAEEE201

BAEVD306	Testing of VLSI Circuits	3	0	2	4	BAEVD102/ BAECE102/ BACSE103/ BAITE101/ BAEEE201
BAEVD401	FPGA based System Design and Prototyping	3	0	2	4	BAEVD102/ BAECE102/ BACSE103/ BAITE101/ BAEEE201

(Annexure 33)

The Academic Council considered and approved the same.

Item 82/36

To consider and approve the course contents for Bachelor of Technology in Electronics and Communication Engineering, Bachelor of Technology in Electronics and Communication Engineering (Biomedical Engineering), Bachelor of Technology in Electronics and Computer Engineering and Bachelor of Technology in Electronics Engineering (VLSI Design and Technology) programmes.

The curriculum was approved in the 77th meeting of the Academic Council held on 13th March 2025 [Item No. 77/4.14, 15, 16, 17].

University Core Course						
Course Code	Course Title	L	T	P	C	Prerequisite
BAHUM103	Ethics and Values	2	0	0	2	NIL
Open Elective Courses						
BAECE350	Artificial Intelligence and Data Science	3	0	2	4	NIL
BAECE351	Embedded Connectivity and Peripheral Integration	2	0	2	3	NIL
BAECE352	PCB Design for Electronic System	0	0	4	2	NIL

(Annexure 34)

The Academic Council considered and approved the same.

Item 82/37

To consider and approve the course content for Bachelor of Technology in Electronics Engineering (VLSI Design and Technology).

The curriculum was approved in the 77th meeting of the Academic Council held on 13th March 2025 [Item No. 77/4.17].

Course Code	Course Title	L	T	P	C	Prerequisite
Mandatory Concentration						
Electronic Manufacturing System						
BAEVD315	Electrical, Electronics, Measurements and Safety	3	0	2	4	NIL
BAEVD316	PCB Design	3	0	2	4	BAEVD315
BAEVD317	SMT Assembly Line	3	0	2	4	BAEVD316
BAEVD318	Electronic Product Compliance	3	0	2	4	BAEVD317

(Annexure 35)

The Academic Council considered and approved the same.

Item 82/38

To consider and approve the course contents for Bachelor of Science (Fashion Design) from the academic year 2026-27 onwards.

The curriculum was approved in the 81st meeting of the Academic Council held on 10th March 2026 [Item No. 81/15].

Course Code	Course Title	L	T	P	C	Prerequisite
Professional Core Courses						
UAFSD101	Textile Studies I	3	0	2	4	NIL
UAFSD102	Fashion Narratives	3	0	2	4	NIL
UAFSD103	Fashion Illustration	0	0	8	4	NIL
UAFSD104	Art and Clothing	4	0	0	4	NIL
UAFSD105	Indian Indigenous Textiles	4	0	0	4	NIL
UAFSD106	Design Studio I: Pattern Making and Block Construction	2	0	4	4	NIL
UAFSD201	Textile Studies II	2	0	4	4	UAFSD101
UAFSD202	Digital Fashion Illustration	0	0	8	4	UAFSD103
UAFSD204	Product Development and Showcase	0	0	4	2	NIL
UAFSD205	Design Studio II: Components Construction and Kids' Wear	0	0	8	4	UAFSD106
UAFSD302	Advance Fashion Studio I: Women's Wear	0	0	8	4	UAFSD205
UAFSD303	Advance Fashion Studio II: Men's Wear	0	0	8	4	UAFSD205
UAFSD304	Portfolio Development I	0	0	4	2	NIL
UAFSD305	Fashion Business Practices	4	0	0	4	NIL
UAFSD306	Computer-Aided Fashion Design	0	0	8	4	UAFSD303
UAFSD307	Portfolio Development II	0	0	8	4	UAFSD304
UAFSD401	Design Thinking and Problem Identification	3	0	2	4	NIL
UAFSD402	Couture and Caging	0	0	8	4	UAFSD307
UAFSD403	Fashion Appropriation and Ethics	4	0	0	4	NIL
UAFSD405	Life Cycle Assessment in Fashion	4	0	0	4	NIL
UAFSD406	Responsive Design Praxis	4	0	0	4	NIL
Professional Elective Course						
UAFSD107	Fashion Perspectives	3	0	0	3	NIL

	Skill Enhancement Elective Courses						
	UAFSD215	Yarn Craft	0	0	6	3	NIL
	UAFSD216	Surface Ornamentation	0	0	6	3	NIL
	UAFSD217	Draping Techniques	0	0	6	3	NIL
	Value Added Course						
	UAFSD218	Artificial Intelligence in Fashion	2	1	0	3	NIL
	Project and Internship						
	UAFSD399	Summer Internship	0	0	4	2	NIL
	UAFSD499	Research Project/Dissertation	0	0	24	12	NIL

(Annexure 36)

The Academic Council considered and approved the same.

Item 82/39

To consider and approve the revised Programme Educational Objectives [PEOs], Program Specific Outcomes (PSO) and course content for Bachelor of Technology in Fashion Technology programme.

The curriculum was approved in the 77th meeting of the Academic Council held on 13th March 2025 [Item No. 77/4.19].

Professional Core Course						
Course Code	Course Title	L	T	P	C	Prerequisite
BAFST103	Garment Production Machinery	2	0	4	4	NIL

(Annexure 37)

The Academic Council considered and approved the same.

Item 82/40

To consider and approve the course contents for Bachelor of Technology in Fashion Technology programme.

The curriculum was approved in the 77th meeting of the Academic Council held on 13th March 2025 [Item No. 77/4.19].

University Core Course						
Course Code	Course Title	L	T	P	C	Prerequisite
BAHUM136	Ethics in Fashion Industry	2	0	0	2	NIL

(Annexure 38)

The Academic Council considered and approved the same.

Item 82/41

To consider and approve the list of Extracurricular and Co-curricular activities for all the Bachelor of Technology programmes and Five Year Integrated Master of Technology programmes and Co-curricular courses for all the Three Year Under Graduates programmes.

Course Code	Course Title	L	T	P	C	Prerequisite
Extracurricular Activities for Bachelor of Technology and Five Year Integrated Master of Technology Programmes						
ACEXC101	Anchoring and Public Speaking				2	NIL
ACEXC102	Art of Animation				2	NIL
ACEXC103	The Trends in Beat Boxing				2	NIL
ACEXC104	Radio Hosting and Production				2	NIL
ACEXC105	Skills on Creativity				2	NIL
ACEXC106	ABCD - AnyBody Can Dance				2	NIL
ACEXC107	Debating Skills				2	NIL
ACEXC108	The Art of Graphic Design				2	NIL
ACEXC109	The Art of Acting				2	NIL
ACEXC110	Basic Art and Craft Techniques				2	NIL
ACEXC111	Culture and Heritage				2	NIL
ACEXC112	Music - The Art of Culture				2	NIL
ACEXC113	The Art of Anime				2	NIL
ACEXC114	Skills of Quizzing				2	NIL
ACEXC115	Music and Culture for Youth				2	NIL
ACEXC116	Talks on Technology				2	NIL
ACEXC117	The Art of Comedy				2	NIL
ACEXC118	The Art and Skills of Photography				2	NIL
ACEXC119	The Art and Skills of Film Making				2	NIL
ACEXC120	Debating on Internal Issues				2	NIL
ACEXC121	Learning with Spartans				2	NIL
ACEXC122	Fashion Designers Skills				2	NIL
ACEXC123	Event Management Skills				2	NIL
ACEXC124	Technology, Innovation and Leadership				2	NIL
ACEXC125	Job Readiness Skills				2	NIL
ACEXC126	Modern Popular Culture				2	NIL
ACEXC127	Human Resource Management Skills				2	NIL
ACEXC128	The Art of Short Film Making				2	NIL
ACEXC129	The Basics of Philosophy				2	NIL
ACEXC130	Basic Finance and Management Skills				2	NIL
ACEXC131	Debating Skills for Lawyers				2	NIL
ACEXC132	The Evolution of Board Games				2	NIL
ACEXC133	Deciphering the Cube				2	NIL
ACEXC134	Culinary Crusade				2	NIL
ACEXC135	Cycling - The Wheel of Life				2	NIL
ACEXC136	Health Through Exercise				2	NIL
ACEXC137	Health and Wellness				2	NIL

	ACEXC138	Health and Well-Being				2	NIL
	ACEXC139	The Importance of Mental Health and Well-Being				2	NIL
	ACEXC140	Sports for Healthy Life				2	NIL
	ACEXC141	Venture, Explore and Backpack				2	NIL
	ACEXC142	The Way of Living				2	NIL
	ACEXC143	Bengali Arts and Literature				2	NIL
	ACEXC144	English Arts and Literature				2	NIL
	ACEXC145	French Arts and Literature				2	NIL
	ACEXC146	German Arts and Literature				2	NIL
	ACEXC147	Gujarati Arts and Literature				2	NIL
	ACEXC148	Hindi Arts and Literature				2	NIL
	ACEXC149	Kannada Arts and Literature				2	NIL
	ACEXC150	Malayalam Arts and Literature				2	NIL
	ACEXC151	Marathi Arts and Literature				2	NIL
	ACEXC152	Digitizing Learning Resources				2	NIL
	ACEXC153	Punjabi Arts and Literature				2	NIL
	ACEXC154	Tamil Arts and Literature				2	NIL
	ACEXC155	Telugu Arts and Literature				2	NIL
	ACEXC156	Discussion Through Media				2	NIL
	ACEXC157	Art of Reading				2	NIL
	ACEXC158	Odia Arts and Literature				2	NIL
	ACEXC159	The Art of Magazine Writing				2	NIL
	ACEXC160	Inception of Change				2	NIL
	ACEXC161	Health and Literacy for Society				2	NIL
	ACEXC162	Community Development Skills				2	NIL
	ACEXC163	Youth and Social Development				2	NIL
	ACEXC164	Building Blocks of Democracy				2	NIL
	ACEXC165	Transformation Through Higher Education				2	NIL
	ACEXC166	Child Care and Education				2	NIL
	ACEXC167	Humanitarian Service				2	NIL
	ACEXC168	Child Empowerment and Development				2	NIL
	ACEXC169	Cadets for Societal Welfare				2	NIL
	ACEXC170	Service to the Society				2	NIL
	ACEXC171	Nature Adaptation Ecology				2	NIL
	ACEXC172	The Values of Community Service				2	NIL
	ACEXC173	Social Responsibility, Entrepreneurship and Executive Development				2	NIL
	ACEXC174	Peer Educator Training Programme				2	NIL
	ACEXC175	Forests and Climate Change				2	NIL
	ACEXC176	Red Cross				2	NIL
	ACEXC177	Environmental Awareness Skills				2	NIL
	ACEXC178	Upliftment of Underprivileged Village Women				2	NIL
	ACEXC179	March Towards Gender Equality				2	NIL
	ACEXC180	Empowering Labours using Social Media				2	NIL
	ACEXC181	Transforming Education of Underprivileged School Children				2	NIL
	ACEXC182	Women Development and Gender Parity				2	NIL
	ACEXC183	Youth Leadership and National Building				2	NIL

	ACEXC184	Global Tourism Insights				2	NIL
	ACEXC185	Healthy Lifestyle Choices and Mindful Living				2	NIL
	ACEXC186	Assamese Arts and Literature				2	NIL
	ACEXC187	Spanish Arts and Literature				2	NIL
	ACEXC188	Arts and Literature of Bihar and Jharkhand				2	NIL
	ACEXC189	Haryana Arts and Literature				2	NIL
	ACEXC190	Rajasthan Arts and Literature				2	NIL
	ACEXC191	Uttar Pradesh Arts and Literature				2	NIL
	ACEXC192	March Towards Societal Upliftment				2	NIL
	ACEXC193	The Art of Healthy Cooking				2	NIL
	ACEXC194	The Art of Effective Learning				2	NIL
	Co-Curricular Courses for Bachelor of Technology and Five Year Integrated Master of Technology Programmes						
	ACCXC101	Art of Advertising and Marketing				2	NIL
	ACCXC102	ABC of Cells				2	NIL
	ACCXC103	IOS Platform				2	NIL
	ACCXC104	Architecture and Design for All				2	NIL
	ACCXC105	Astronomy - Beyond the Universe				2	NIL
	ACCXC106	The Digital Ledger				2	NIL
	ACCXC107	Skills in Financial Investment				2	NIL
	ACCXC108	Social Entrepreneurship				2	NIL
	ACCXC109	Skills in Competitive Coding				2	NIL
	ACCXC110	Innovation and Creativity in New Product and Technology				2	NIL
	ACCXC111	Open Source Development for Google Applications				2	NIL
	ACCXC112	Premier Technology and Gadgets				2	NIL
	ACCXC113	Finance and Trading				2	NIL
	ACCXC114	Building Entrepreneurship Competencies and Skills				2	NIL
	ACCXC115	Conserve Energy and Environment				2	NIL
	ACCXC116	Physics in Everyday Life				2	NIL
	ACCXC117	Innovation for Engineering Applications				2	NIL
	ACCXC118	Essentials of Interactive Design				2	NIL
	ACCXC119	IoT in Everyday Life				2	NIL
	ACCXC120	Navigating Through Linux				2	NIL
	ACCXC121	Creativity Through Multimedia				2	NIL
	ACCXC122	Open Source User Interface				2	NIL
	ACCXC123	Robotics for Engineers				2	NIL
	ACCXC124	Sustainable Organic Agriculture				2	NIL
	ACCXC125	Insolation				2	NIL
	ACCXC126	Bioscience for Engineering				2	NIL
	ACCXC127	Advances in Gaming and Technology				2	NIL
	ACCXC128	Recent Trends in Artificial Intelligence and Machine Learning				2	NIL
	ACCXC129	Chemistry in Everyday Life				2	NIL
	ACCXC130	Skill Development and Practices in Electronics				2	NIL
	ACCXC131	Blog Marketing				2	NIL
	ACCXC132	Hardware of Broadcasting				2	NIL

	ACCXC133	Reduce Reuse Recycle (RRR)				2	NIL
	ACCXC134	Basics of Aerospace Engineering				2	NIL
	ACCXC135	Essentials of Android Development				2	NIL
	ACCXC136	Advances in Autonomous Unmanned Vehicles				2	NIL
	ACCXC137	Advances in Mechatronics and Automation				2	NIL
	ACCXC138	Innovation for Business Administration				2	NIL
	ACCXC139	Computer-Aided Design Skills				2	NIL
	ACCXC140	Advances in Civil Engineering and Technology				2	NIL
	ACCXC141	Advances in Cloud Computing				2	NIL
	ACCXC142	Coding Skills for Young Generation of Programmers				2	NIL
	ACCXC143	Data Management Skills				2	NIL
	ACCXC144	Advances in Humanoid Robots				2	NIL
	ACCXC145	Student Engagement in Innovative Ways				2	NIL
	ACCXC146	Free and Open Source Software Tools				2	NIL
	ACCXC147	Technology and Lifestyle Enhancement				2	NIL
	ACCXC148	Ethical Hacking Skills				2	NIL
	ACCXC149	Research Ideas for Societal Care				2	NIL
	ACCXC150	Problem Solving and Debugging Skills				2	NIL
	ACCXC151	Additive Manufacturing for Everyday Life				2	NIL
	ACCXC152	Business Thinking for Design				2	NIL
	ACCXC153	The Recent Trends in Computational Biology				2	NIL
	ACCXC154	Computer in Society				2	NIL
	ACCXC155	Accelerated Development in Smart Grid Technologies				2	NIL
	ACCXC156	Advanced learning on Interaction of Soil and Water				2	NIL
	ACCXC157	Practical Fundamentals of Chemical Engineering				2	NIL
	ACCXC158	TechEd				2	NIL
	ACCXC159	Introduction to Earthquake Engineering				2	NIL
	ACCXC160	Engineering Skillset				2	NIL
	ACCXC161	The Recent Trends in Soft Computing				2	NIL
	ACCXC162	Biotechnological Research				2	NIL
	ACCXC163	Recent Trends in Refrigeration and Air Conditioning				2	NIL
	ACCXC164	Instrumentation for Engineers				2	NIL
	ACCXC165	Enriching Experience Through Mathematics				2	NIL
	ACCXC166	Advances in Energy and Fuel Production and Usage				2	NIL
	ACCXC167	Advances in Concrete Construction				2	NIL
	ACCXC168	Energy Management Skills				2	NIL
	ACCXC169	Mooting Abilities and Oratorical Skills for Lawyers				2	NIL
	ACCXC170	Skills on Chemical Engineering				2	NIL
	ACCXC171	Civil Engineering Practices in India and Abroad				2	NIL
	ACCXC172	The Science of Heating and Air-Conditioning				2	NIL
	ACCXC173	Technical Skills for Mechanical Engineers				2	NIL
	ACCXC174	Computing in Science and Engineering				2	NIL
	ACCXC175	Experiential Learning of Energy Engineers				2	NIL
	ACCXC176	Industrial Design Skills				2	NIL

	ACCXC177	Electronics and Telecommunication for Skill Development				2	NIL
	ACCXC178	Creating Professional Through Engineering				2	NIL
	ACCXC179	Economic Development and Commercial Sciences				2	NIL
	ACCXC180	Roadmap to a Connected World				2	NIL
	ACCXC181	Recent Developments on Materials				2	NIL
	ACCXC182	The Trends in Biological Engineering				2	NIL
	ACCXC183	Mathsomania				2	NIL
	ACCXC184	Skill Development in Manufacturing				2	NIL
	ACCXC185	Mobility Engineering in Land, Air and Sea				2	NIL
	ACCXC186	Basics of Space Sciences				2	NIL
	ACCXC187	Working to Engineer a Better World				2	NIL
	ACCXC188	Art of Research and Publication				2	NIL
	ACCXC189	Engineering Essentials - Petroleum and Chemical				2	NIL
	ACCXC190	Leadership and Communication Skills				2	NIL
	ACCXC191	Skills on Optics				2	NIL
	ACCXC192	Advances in Open Web Application Security				2	NIL
	ACCXC193	Advances in Optics and Photonics				2	NIL
	ACCXC194	Techloop				2	NIL
	ACCXC195	Deciphering Circuitry				2	NIL
	ACCXC196	Advances in Communication Engineering and Networking Technology				2	NIL
	ACCXC197	Computer Science Technology				2	NIL
	ACCXC198	EMC and EMI - Test and Measurement for Engineers				2	NIL
	ACCXC199	Electron Devices Skill Development				2	NIL
	ACCXC200	Engineering in Medicine and Biology				2	NIL
	ACCXC201	Engineering for Industrial Applications				2	NIL
	ACCXC202	Energy for Societal Development				2	NIL
	ACCXC203	Nuclear Sciences				2	NIL
	ACCXC204	Power and Energy for Societal Development				2	NIL
	ACCXC205	Product Safety Engineering				2	NIL
	ACCXC206	Procomm				2	NIL
	ACCXC207	Rob-O-Mation				2	NIL
	ACCXC208	Signal Processing Skills				2	NIL
	ACCXC209	Technology for Social Development				2	NIL
	ACCXC210	Skills in Technology and Engineering Management				2	NIL
	ACCXC211	Women Engineers and Scientist				2	NIL
	ACCXC212	Advances in Photonics				2	NIL
	ACCXC213	Architectural Documentation of Historic Structures				2	NIL
	ACCXC214	Information Theory and Coding				2	NIL
	ACCXC215	Advanced Power Electronics for Reliable Operation				2	NIL
	ACCXC216	Advances in Integrated Circuit Design				2	NIL
	ACCXC217	Advances in Virtual Reality				2	NIL
	ACCXC218	Skill Building for Venture Capitalism in Startups				2	NIL

ACCXC219	Advances in Intelligent Systems and Smart Applications				2	NIL
ACCXC220	Promoting Sustainable Solutions for Global Impact				2	NIL
ACCXC221	Project Deployment and Integration Skills				2	NIL
ACCXC222	Promoting Standard Practices for Sustainable Development				2	NIL
ACCXC223	Navigating through iOS				2	NIL

Co-Curricular Courses for Three Year Under Graduate Programmes						
UCCXC101	Art of Advertising and Marketing				1	NIL
UCCXC102	ABC of Cells				1	NIL
UCCXC103	IOS Platform				1	NIL
UCCXC104	Architecture and Design for All				1	NIL
UCCXC105	Astronomy - Beyond the Universe				1	NIL
UCCXC106	The Digital Ledger				1	NIL
UCCXC107	Skills in Financial Investment				1	NIL
UCCXC108	Social Entrepreneurship				1	NIL
UCCXC109	Skills in Competitive Coding				1	NIL
UCCXC110	Innovation and Creativity in New Product and Technology				1	NIL
UCCXC111	Open Source Development for Google Applications				1	NIL
UCCXC112	Premier Technology and Gadgets				1	NIL
UCCXC113	Finance and Trading				1	NIL
UCCXC114	Building Entrepreneurship Competencies and Skills				1	NIL
UCCXC115	Conserve Energy and Environment				1	NIL
UCCXC116	Physics in Everyday Life				1	NIL
UCCXC117	Innovation for Engineering Applications				1	NIL
UCCXC118	Essentials of Interactive Design				1	NIL
UCCXC119	IoT in Everyday Life				1	NIL
UCCXC120	Navigating Through Linux				1	NIL
UCCXC121	Creativity Through Multimedia				1	NIL
UCCXC122	Open Source User Interface				1	NIL
UCCXC123	Robotics for Engineers				1	NIL
UCCXC124	Sustainable Organic Agriculture				1	NIL
UCCXC125	Insolation				1	NIL
UCCXC126	Bioscience for Engineering				1	NIL
UCCXC127	Advances in Gaming and Technology				1	NIL
UCCXC128	Recent Trends in Artificial Intelligence and Machine Learning				1	NIL
UCCXC129	Chemistry in Everyday Life				1	NIL
UCCXC130	Skill Development and Practices in Electronics				1	NIL
UCCXC131	Blog Marketing				1	NIL
UCCXC132	Hardware of Broadcasting				1	NIL
UCCXC133	Reduce Reuse Recycle (RRR)				1	NIL
UCCXC134	Basics of Aerospace Engineering				1	NIL

	UCCXC135	Essentials of Android Development				1	NIL
	UCCXC136	Advances in Autonomous Unmanned Vehicles				1	NIL
	UCCXC137	Advances in Mechatronics and Automation				1	NIL
	UCCXC138	Innovation for Business Administration				1	NIL
	UCCXC139	Computer-Aided Design Skills				1	NIL
	UCCXC140	Advances in Civil Engineering and Technology				1	NIL
	UCCXC141	Advances in Cloud Computing				1	NIL
	UCCXC142	Coding Skills for Young Generation of Programmers				1	NIL
	UCCXC143	Data Management Skills				1	NIL
	UCCXC144	Advances in Humanoid Robots				1	NIL
	UCCXC145	Student Engagement in Innovative Ways				1	NIL
	UCCXC146	Free and Open Source Software Tools				1	NIL
	UCCXC147	Technology and Lifestyle Enhancement				1	NIL
	UCCXC148	Ethical Hacking Skills				1	NIL
	UCCXC149	Research Ideas for Societal Care				1	NIL
	UCCXC150	Problem Solving and Debugging Skills				1	NIL
	UCCXC151	Additive Manufacturing for Everyday Life				1	NIL
	UCCXC152	Business Thinking for Design				1	NIL
	UCCXC153	The Recent Trends in Computational Biology				1	NIL
	UCCXC154	Computer in Society				1	NIL
	UCCXC155	Accelerated Development in Smart Grid Technologies				1	NIL
	UCCXC156	Advanced learning on Interaction of Soil and Water				1	NIL
	UCCXC157	Practical Fundamentals of Chemical Engineering				1	NIL
	UCCXC158	TechEd				1	NIL
	UCCXC159	Introduction to Earthquake Engineering				1	NIL
	UCCXC160	Engineering Skillset				1	NIL
	UCCXC161	The Recent Trends in Soft Computing				1	NIL
	UCCXC162	Biotechnological Research				1	NIL
	UCCXC163	Recent Trends in Refrigeration and Air Conditioning				1	NIL
	UCCXC164	Instrumentation for Engineers				1	NIL
	UCCXC165	Enriching Experience Through Mathematics				1	NIL
	UCCXC166	Advances in Energy and Fuel Production and Usage				1	NIL
	UCCXC167	Advances in Concrete Construction				1	NIL
	UCCXC168	Energy Management Skills				1	NIL
	UCCXC169	Mooting Abilities and Oratorical Skills for Lawyers				1	NIL
	UCCXC170	Skills on Chemical Engineering				1	NIL
	UCCXC171	Civil Engineering Practices in India and Abroad				1	NIL
	UCCXC172	The Science of Heating and Air-Conditioning				1	NIL
	UCCXC173	Technical Skills for Mechanical Engineers				1	NIL
	UCCXC174	Computing in Science and Engineering				1	NIL
	UCCXC175	Experiential Learning of Energy Engineers				1	NIL
	UCCXC176	Industrial Design Skills				1	NIL
	UCCXC177	Electronics and Telecommunication for Skill Development				1	NIL

	UCCXC178	Creating Professional Through Engineering				1	NIL
	UCCXC179	Economic Development and Commercial Sciences				1	NIL
	UCCXC180	Roadmap to a Connected World				1	NIL
	UCCXC181	Recent Developments on Materials				1	NIL
	UCCXC182	The Trends in Biological Engineering				1	NIL
	UCCXC183	Mathsomania				1	NIL
	UCCXC184	Skill Development in Manufacturing				1	NIL
	UCCXC185	Mobility Engineering in Land, Air and Sea				1	NIL
	UCCXC186	Basics of Space Sciences				1	NIL
	UCCXC187	Working to Engineer a Better World				1	NIL
	UCCXC188	Art of Research and Publication				1	NIL
	UCCXC189	Engineering Essentials - Petroleum and Chemical				1	NIL
	UCCXC190	Leadership and Communication Skills				1	NIL
	UCCXC191	Skills on Optics				1	NIL
	UCCXC192	Advances in Open Web Application Security				1	NIL
	UCCXC193	Advances in Optics and Photonics				1	NIL
	UCCXC194	Techloop				1	NIL
	UCCXC195	Deciphering Circuitry				1	NIL
	UCCXC196	Advances in Communication Engineering and Networking Technology				1	NIL
	UCCXC197	Computer Science Technology				1	NIL
	UCCXC198	EMC and EMI - Test and Measurement for Engineers				1	NIL
	UCCXC199	Electron Devices Skill Development				1	NIL
	UCCXC200	Engineering in Medicine and Biology				1	NIL
	UCCXC201	Engineering for Industrial Applications				1	NIL
	UCCXC202	Energy for Societal Development				1	NIL
	UCCXC203	Nuclear Sciences				1	NIL
	UCCXC204	Power and Energy for Societal Development				1	NIL
	UCCXC205	Product Safety Engineering				1	NIL
	UCCXC206	Procomm				1	NIL
	UCCXC207	Rob-O-Mation				1	NIL
	UCCXC208	Signal Processing Skills				1	NIL
	UCCXC209	Technology for Social Development				1	NIL
	UCCXC210	Skills in Technology and Engineering Management				1	NIL
	UCCXC211	Women Engineers and Scientist				1	NIL
	UCCXC212	Advances in Photonics				1	NIL
	UCCXC213	Architectural Documentation of Historic Structures				1	NIL
	UCCXC214	Information Theory and Coding				1	NIL
	UCCXC215	Advanced Power Electronics for Reliable Operation				1	NIL
	UCCXC216	Advances in Integrated Circuit Design				1	NIL
	UCCXC217	Advances in Virtual Reality				1	NIL
	UCCXC218	Skill Building for Venture Capitalism in Startups				1	NIL
	UCCXC219	Advances in Intelligent Systems and Smart Applications				1	NIL

	UCCXC220	Promoting Sustainable Solutions for Global Impact				1	NIL
	UCCXC221	Project Deployment and Integration Skills				1	NIL
	UCCXC222	Promoting Standard Practices for Sustainable Development				1	NIL
	UCCXC223	Navigating through iOS				1	NIL

(Annexure 39)

The Academic Council considered and approved the same.

Item 82/42

To consider and approve the "Minor in Cyber Security and Post-Quantum Cryptography" applicable for the Bachelor of Technology programmes.

The Academic Council considered and approved the same.

Item 82/43

Any other item:

Discussion on Innovations in Teaching – Learning Processes and Assessment Methodologies

(Annexure 40)

Members of the Academic Council contributed actively to the discussion and commended the Innovations in Teaching and Learning Processes followed in VIT. Moreover, the Academic Council recommended holding an exclusive brainstorming session for academic reforms in future.

Item 82/44

Vote of thanks

The meeting ended with vote of thanks by the Registrar.

16/6/26

Dr. M. Anthony Xavier
Dean, Academics
Vellore Institute of Technology

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Dr. Jayabarathi. T
Secretary, Academic Council
Registrar, Vellore Institute of Technology

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16/6/26

Dr. V.S. Kanchana Bhaaskaran
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