

**Minutes of the  
80<sup>th</sup> Meeting of the Academic Council  
held on  
20<sup>th</sup> November 2025**





**Minutes of the 80<sup>th</sup> Meeting of the Academic Council**  
**(20<sup>th</sup> November 2025 | 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. Dr. T. Thyagarajan, Pro-Vice Chancellor
4. Shri. Jaji Vijayaraman, Entrepreneur, Chennai
5. Prof. R. Govindarajan, IISc, Bangalore
6. Dr. Mangala Sunder Krishnan, IIT Madras
7. Mr. Manikandan Thangarathnam, UBER, Bangalore
8. Prof. R. Gnanamoorthy, IIT Madras
9. Dr. M. Anthony Xavier, 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. S. Velu, Dean in-charge, School of Chemical Engineering, Vellore Campus
16. Dr. N. Jaisankar, Dean in-Charge, School of Computer Science and Engineering, Vellore Campus
17. Dr. M. Kowsalya, Dean, School of Electrical Engineering, Vellore Campus
18. Dr. Jasmin Pemeena Priyadarisini, Dean, School of Electronics Engineering, Vellore Campus
19. Dr. Daphne Lopez, Dean in-charge, School of Computer Science Engineering and Information Systems, Vellore Campus
20. Dr. P. Kuppan, Dean, School of Mechanical Engineering, Vellore Campus
21. Dr. V. Selvam, Dean, School of Social Sciences and Languages, Vellore Campus
22. Dr. Mary Cherian, Dean, VIT Business School, Vellore Campus
23. Dr. Rajendran R, Dean, VIT Agricultural Innovations and Advanced Learning, Vellore Campus
24. Dr. Arun Tom Mathew, Dean, VIT School of Design & Dean in-charge, VIT School of Media, Arts and Technology, Vellore Campus
25. Dr. Sharmila Jagadisan, Director, School of Architecture, Vellore Campus
26. Dr. Geetha Manivasagam, Dean, School of Healthcare Science and Engineering, Vellore Campus
27. Dr. C.D. Najju, Director, Students' Welfare, Vellore Campus

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

**Leave of Absence:**

1. Prof. R. Narasimhan, IISc, Bangalore
2. Dr. Arunachalam V, Associate Professor Senior, School of Electronics Engineering, Vellore Campus
3. Dr. Leema Rose Viannie, Assistant Professor Senior Grade 1, School of Advanced Sciences, Vellore Campus

Item 80/1	<p><b>Welcome by Vice Chancellor</b></p> <p>Vice Chancellor welcomed all the new members of the Academic Council.</p>
Item 80/2	<p><b>To consider and confirm the Minutes of the 78<sup>th</sup> and 79<sup>th</sup> meeting of the Academic Council.</b></p> <p style="text-align: right;"><i>(Annexure 1)</i></p> <p><b>The minutes of the 78<sup>th</sup> and 79<sup>th</sup> meeting of the Academic Council were confirmed.</b></p>

Item 80/3	<p>To consider and approve the FFCS Academic Regulations, Version 5.0. Adaptive Curriculum for Excellence [ACE] which incorporates the changes in the academic processes that have been approved till 79th Academic Council.</p> <p style="text-align: right;">(Annexure 2)</p> <p>The Academic Council considered and approved the same.</p>																																																																																											
Item 80/4	<p>To consider and approve the following new academic programmes to be offered in the Chennai Campus from the academic year 2026-27 onwards.</p> <ul style="list-style-type: none"> <li>• Bachelor of Technology in Biotechnology</li> <li>• Bachelor of Science in Multimedia and Animation</li> <li>• Bachelor of Science in Visual Communication</li> </ul> <p>The Academic Council considered and approved the same.</p>																																																																																											
Item 80/5	<p>To consider and approve the new academic programme, credit structure and curriculum of Bachelor of Technology in Computer Science and Engineering (Cyber Security) (2+2 Dual degree with Deakin University) from the academic year 2026-27 onwards. [Chennai Campus].</p> <p style="text-align: right;">(Annexure 3)</p> <p>The Academic Council considered and approved the same.</p>																																																																																											
Item 80/6	<p>To consider and approve the new academic programme, credit structure, curriculum and course contents for Master of Technology in Engineering Management (Supply Chain and Operations) programme from the academic year 2025-2026 onwards [Chennai Campus].</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th colspan="7" style="text-align: center;">University Core Courses</th> </tr> <tr> <th style="width: 20%;">Course Code</th> <th style="width: 40%;">Course Title</th> <th style="width: 5%;">L</th> <th style="width: 5%;">T</th> <th style="width: 5%;">P</th> <th style="width: 5%;">C</th> <th style="width: 20%;">Prerequisite</th> </tr> </thead> <tbody> <tr> <td>MASCO501</td> <td>Six Sigma and Lean Operations Management</td> <td>3</td> <td>0</td> <td>0</td> <td>3</td> <td>NIL</td> </tr> <tr> <td>MASCO502</td> <td>Operations Strategy</td> <td>3</td> <td>0</td> <td>0</td> <td>3</td> <td>NIL</td> </tr> <tr> <td>MAENG501</td> <td>Technical Report Writing</td> <td>1</td> <td>0</td> <td>4</td> <td>3</td> <td>NIL</td> </tr> <tr> <td>MASET697</td> <td>Project Work</td> <td>0</td> <td>0</td> <td>20</td> <td>10</td> <td>NIL</td> </tr> <tr> <td>MASCO698</td> <td>Dissertation I</td> <td>0</td> <td>0</td> <td>20</td> <td>10</td> <td>NIL</td> </tr> <tr> <td>MASCO699</td> <td>Dissertation II</td> <td>0</td> <td>0</td> <td>20</td> <td>10</td> <td>NIL</td> </tr> <tr> <th colspan="7" style="text-align: center;">Professional Core Courses</th> </tr> <tr> <td>MASCO503</td> <td>Advanced Concepts in Operations Management</td> <td>3</td> <td>1</td> <td>0</td> <td>4</td> <td>NIL</td> </tr> <tr> <td>MASCO504</td> <td>Global Supply Chain Management</td> <td>3</td> <td>1</td> <td>0</td> <td>4</td> <td>NIL</td> </tr> <tr> <td>MASCO505</td> <td>Advanced Statistics and Research Methodology</td> <td>3</td> <td>1</td> <td>0</td> <td>4</td> <td>NIL</td> </tr> <tr> <td>MASCO506</td> <td>Strategic Cost Management in the Supply Chain</td> <td>3</td> <td>1</td> <td>0</td> <td>4</td> <td>NIL</td> </tr> </tbody> </table>	University Core Courses							Course Code	Course Title	L	T	P	C	Prerequisite	MASCO501	Six Sigma and Lean Operations Management	3	0	0	3	NIL	MASCO502	Operations Strategy	3	0	0	3	NIL	MAENG501	Technical Report Writing	1	0	4	3	NIL	MASET697	Project Work	0	0	20	10	NIL	MASCO698	Dissertation I	0	0	20	10	NIL	MASCO699	Dissertation II	0	0	20	10	NIL	Professional Core Courses							MASCO503	Advanced Concepts in Operations Management	3	1	0	4	NIL	MASCO504	Global Supply Chain Management	3	1	0	4	NIL	MASCO505	Advanced Statistics and Research Methodology	3	1	0	4	NIL	MASCO506	Strategic Cost Management in the Supply Chain	3	1	0	4	NIL
University Core Courses																																																																																												
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MASCO501	Six Sigma and Lean Operations Management	3	0	0	3	NIL																																																																																						
MASCO502	Operations Strategy	3	0	0	3	NIL																																																																																						
MAENG501	Technical Report Writing	1	0	4	3	NIL																																																																																						
MASET697	Project Work	0	0	20	10	NIL																																																																																						
MASCO698	Dissertation I	0	0	20	10	NIL																																																																																						
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MASCO506	Strategic Cost Management in the Supply Chain	3	1	0	4	NIL																																																																																						

MASCO507	Materials Management	3	1	0	4	NIL
MASCO508	Digital Supply Chain and Logistics Management	3	1	0	4	NIL
<b>Professional Elective Courses</b>						
MASCO601	Total Quality Management	3	1	0	4	NIL
MASCO602	Applied Operations Research	3	1	0	4	NIL
MASCO603	Supply Chain Simulation	3	0	0	3	NIL
MASCO604	Facilities and Process Planning	3	1	0	4	NIL
MASCO605	Service Operations Management	3	1	0	4	NIL
MASCO606	Rapid Prototyping & 3D Printing of Components	2	0	2	3	NIL
MASCO607	Product Reliability Analysis and Tools	3	0	0	3	NIL
MASCO608	International Trade and Shipping	3	0	0	3	NIL
MASCO609	Logistics Management	3	1	0	4	NIL
MASCO610	Multi-Criteria Decision-Making Techniques	3	1	0	4	NIL
MASCO611	Sustainable Supply Chain Management	3	1	0	4	NIL
MASCO612	Enterprise Marketing and CRM	3	1	0	4	NIL
MASCO613	Project Management	3	1	0	4	NIL
MASCO614	Enterprise Risk Management	3	1	0	4	NIL
MASCO615	Big Data Analytics	2	0	2	3	NIL
MASCO616	Castings and Forgings	3	1	0	4	NIL
<b>Open Elective Courses</b>						
MASCO617	Leadership and Team Building	3	0	0	3	NIL
MASCO618	Innovation and Entrepreneurship	3	0	0	3	NIL
MASCO619	Advanced and Alternate Materials and Composites	3	0	0	3	NIL

(Annexure 4)

The Academic Council considered and approved the same.

Item  
80/7

To consider and approve the programme credit structure, curriculum and course contents for Minor in Sustainability Engineering applicable for the Bachelor of Technology Programmes.

<b>Minor Courses</b>						
Course Code	Course Title	L	T	P	C	Prerequisite
BACHE308	Hydrogen Production, Storage and Utilization	4	0	0	4	NIL
BACHE310	Green and Sustainable Engineering	4	0	0	4	NIL

	BACHE336	Sustainability and Circular Economy Principles	4	0	0	4	NIL
	BACHE405	Environmental Pollution Control	4	0	0	4	NIL
	BACHE406	Renewable Energy Policies and Economics	4	0	0	4	NIL
<b>(Annexure 5)</b>							
<b>The Academic Council considered and approved the same.</b>							
Item 80/8	<b>To consider and approve the programme credit structure, curriculum and course contents for Minor in Biotechnology applicable for the Bachelor of Technology Programmes.</b>						
<b>Minor Courses</b>							
	Course Code	Course Title	L	T	P	C	Prerequisite
	BABIT101	Biochemistry	3	0	2	4	NIL
	BABIT102	Microbiology	3	0	2	4	NIL
	BABIT103	Cell and Molecular Biology	3	0	2	4	NIL
	BABIT201	Principles of Chemical Engineering	3	0	2	4	NIL
	BABIT202	Fundamentals of Bioinformatics	2	1	2	4	NIL
	BABIT203	Analytical Techniques in Biotechnology	3	0	2	4	NIL
	BABIT204	Industrial Biotechnology	3	1	0	4	NIL
	BABIT205	Immunology	3	0	2	4	NIL
<b>(Annexure 6)</b>							
<b>The Academic Council considered and approved the same.</b>							
Item 80/9	<b>To consider and approve the programme credit structure, curriculum and course contents for Minor in Computer Science and Engineering applicable for the Bachelor of Technology Programmes.</b>						
<b>Minor Courses</b>							
	Course Code	Course Title	L	T	P	C	Prerequisite
	BACSE105	Data Structures and Algorithms	3	0	2	4	NIL
	BACSE106	Operating Systems	3	0	2	4	NIL
	BACSE201	Models of Computation	3	1	0	4	NIL
	BACSE202	Database Systems	3	0	2	4	NIL
	BACSE203	Computer Networks	3	0	2	4	NIL
	BACSE103	Computation Structures	3	0	2	4	NIL
	BACSE204	Software Engineering	3	0	2	4	NIL
<b>(Annexure 7)</b>							
<b>The Academic Council considered and approved the same.</b>							

Item 80/10	<p><b>To consider and approve the programme credit structure, curriculum and course contents for Minor in Artificial Intelligence and Data Science applicable for the Bachelor of Technology Programmes.</b></p> <table border="1" data-bbox="288 271 1428 584"> <thead> <tr> <th colspan="7">Minor Courses</th> </tr> <tr> <th>Course Code</th> <th>Course Title</th> <th>L</th> <th>T</th> <th>P</th> <th>C</th> <th>Prerequisite</th> </tr> </thead> <tbody> <tr> <td>BACSE301</td> <td>Exploratory Data Analysis</td> <td>3</td> <td>0</td> <td>2</td> <td>4</td> <td>NIL</td> </tr> <tr> <td>BACSE303</td> <td>Deep Learning</td> <td>3</td> <td>0</td> <td>2</td> <td>4</td> <td>NIL</td> </tr> <tr> <td>BACSE305</td> <td>Foundations of Data Science</td> <td>3</td> <td>0</td> <td>2</td> <td>4</td> <td>NIL</td> </tr> <tr> <td>BACSE327</td> <td>Natural Language Processing</td> <td>3</td> <td>0</td> <td>2</td> <td>4</td> <td>NIL</td> </tr> <tr> <td>BACSE401</td> <td>Generative AI</td> <td>3</td> <td>0</td> <td>2</td> <td>4</td> <td>BACSE303</td> </tr> </tbody> </table> <p style="text-align: right;"><b>(Annexure 8)</b></p> <p><b>The Academic Council considered and approved the same.</b></p>	Minor Courses							Course Code	Course Title	L	T	P	C	Prerequisite	BACSE301	Exploratory Data Analysis	3	0	2	4	NIL	BACSE303	Deep Learning	3	0	2	4	NIL	BACSE305	Foundations of Data Science	3	0	2	4	NIL	BACSE327	Natural Language Processing	3	0	2	4	NIL	BACSE401	Generative AI	3	0	2	4	BACSE303																					
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BACSE301	Exploratory Data Analysis	3	0	2	4	NIL																																																																	
BACSE303	Deep Learning	3	0	2	4	NIL																																																																	
BACSE305	Foundations of Data Science	3	0	2	4	NIL																																																																	
BACSE327	Natural Language Processing	3	0	2	4	NIL																																																																	
BACSE401	Generative AI	3	0	2	4	BACSE303																																																																	
Item 80/11	<p><b>To consider and approve the programme credit structure, curriculum and course contents for Minor in Fashion Retail Management applicable for the Bachelor of Technology Programmes.</b></p> <table border="1" data-bbox="288 920 1428 1357"> <thead> <tr> <th colspan="7">Minor Courses</th> </tr> <tr> <th>Course Code</th> <th>Course Title</th> <th>L</th> <th>T</th> <th>P</th> <th>C</th> <th>Prerequisite</th> </tr> </thead> <tbody> <tr> <td>BAFST101</td> <td>Fashion Design Concepts</td> <td>3</td> <td>0</td> <td>2</td> <td>4</td> <td>NIL</td> </tr> <tr> <td>BAFST204</td> <td>History of Fashion and Traditional Textiles</td> <td>2</td> <td>0</td> <td>4</td> <td>4</td> <td>NIL</td> </tr> <tr> <td>BAFST302</td> <td>Fashion Psychology</td> <td>4</td> <td>0</td> <td>0</td> <td>4</td> <td>NIL</td> </tr> <tr> <td>BAFST316</td> <td>Global Fashion Marketing and Merchandising</td> <td>4</td> <td>0</td> <td>0</td> <td>4</td> <td>BAFST204</td> </tr> <tr> <td>BAFST317</td> <td>Fashion Omnichannel</td> <td>4</td> <td>0</td> <td>0</td> <td>4</td> <td>NIL</td> </tr> <tr> <td>BAFST318</td> <td>Supply Chain Management in Fashion</td> <td>4</td> <td>0</td> <td>0</td> <td>4</td> <td>NIL</td> </tr> <tr> <td>BAFST319</td> <td>Visual Merchandising and Experience</td> <td>4</td> <td>0</td> <td>0</td> <td>4</td> <td>BAFST101</td> </tr> <tr> <td>BAFST320</td> <td>Fashion Brand Positioning</td> <td>4</td> <td>0</td> <td>0</td> <td>4</td> <td>NIL</td> </tr> </tbody> </table> <p style="text-align: right;"><b>(Annexure 9)</b></p> <p><b>The Academic Council considered and approved the same.</b></p>	Minor Courses							Course Code	Course Title	L	T	P	C	Prerequisite	BAFST101	Fashion Design Concepts	3	0	2	4	NIL	BAFST204	History of Fashion and Traditional Textiles	2	0	4	4	NIL	BAFST302	Fashion Psychology	4	0	0	4	NIL	BAFST316	Global Fashion Marketing and Merchandising	4	0	0	4	BAFST204	BAFST317	Fashion Omnichannel	4	0	0	4	NIL	BAFST318	Supply Chain Management in Fashion	4	0	0	4	NIL	BAFST319	Visual Merchandising and Experience	4	0	0	4	BAFST101	BAFST320	Fashion Brand Positioning	4	0	0	4	NIL
Minor Courses																																																																							
Course Code	Course Title	L	T	P	C	Prerequisite																																																																	
BAFST101	Fashion Design Concepts	3	0	2	4	NIL																																																																	
BAFST204	History of Fashion and Traditional Textiles	2	0	4	4	NIL																																																																	
BAFST302	Fashion Psychology	4	0	0	4	NIL																																																																	
BAFST316	Global Fashion Marketing and Merchandising	4	0	0	4	BAFST204																																																																	
BAFST317	Fashion Omnichannel	4	0	0	4	NIL																																																																	
BAFST318	Supply Chain Management in Fashion	4	0	0	4	NIL																																																																	
BAFST319	Visual Merchandising and Experience	4	0	0	4	BAFST101																																																																	
BAFST320	Fashion Brand Positioning	4	0	0	4	NIL																																																																	
Item 80/12	<p><b>To consider and approve the programme credit structure, curriculum and course contents for Minor in Business Management applicable for the Bachelor of Technology Programmes.</b></p> <table border="1" data-bbox="288 1630 1428 1877"> <thead> <tr> <th colspan="7">Minor Courses</th> </tr> <tr> <th>Course Code</th> <th>Course Title</th> <th>L</th> <th>T</th> <th>P</th> <th>C</th> <th>Prerequisite</th> </tr> </thead> <tbody> <tr> <td>BAMGT201</td> <td>Principles of Management</td> <td>3</td> <td>0</td> <td>0</td> <td>3</td> <td>NIL</td> </tr> <tr> <td>BAMGT202</td> <td>Introduction to Human Resource Management</td> <td>3</td> <td>0</td> <td>0</td> <td>3</td> <td>NIL</td> </tr> </tbody> </table>	Minor Courses							Course Code	Course Title	L	T	P	C	Prerequisite	BAMGT201	Principles of Management	3	0	0	3	NIL	BAMGT202	Introduction to Human Resource Management	3	0	0	3	NIL																																										
Minor Courses																																																																							
Course Code	Course Title	L	T	P	C	Prerequisite																																																																	
BAMGT201	Principles of Management	3	0	0	3	NIL																																																																	
BAMGT202	Introduction to Human Resource Management	3	0	0	3	NIL																																																																	

BAMGT203	Managerial Economics	3	0	0	3	NIL
BAMGT204	Principles of Marketing	3	0	0	3	NIL
BAMGT205	Operations Management	3	0	0	3	NIL
BAMGT206	Finance for Engineers	3	0	0	3	NIL
BAMGT207	Introduction to Entrepreneurship	3	0	0	3	NIL
BAMGT208	Design Thinking	3	0	0	3	NIL

(Annexure 10)

The Academic Council considered and approved the same.

Item  
80/13

To consider and approve the programme credit structure, curriculum and course contents for Minor in Accounting and Finance applicable for the Bachelor of Technology Programmes.

Minor Courses						
Course Code	Course Title	L	T	P	C	Prerequisite
BAHUM206	Principles of Accounting	3	0	2	4	NIL
BAHUM207	Principles of Cost Accounting	3	0	0	3	BAHUM206
BAHUM208	Principles of Management Accounting	3	0	0	3	BAHUM207
BAHUM209	Financial Management	3	0	0	3	NIL
BAHUM210	Financial Markets and Institutions	3	0	0	3	BAHUM209
BAHUM211	Personal Finance	3	0	0	3	NIL
BAHUM212	Taxation	3	0	0	3	NIL

(Annexure 11)

The Academic Council considered and approved the same.

Item  
80/14

To consider and approve the programme credit structure, curriculum and course contents for Minor in Economics applicable for the Bachelor of Technology Programmes.

Minor Courses						
Course Code	Course Title	L	T	P	C	Prerequisite
BAHUM106	Micro Economics	3	0	0	3	NIL
BAHUM107	Macro Economics	3	0	0	3	NIL
BAHUM213	International Economics	3	0	0	3	NIL
BAHUM214	Mathematical Economics	3	0	0	3	BAHUM106
BAHUM215	Development Economics	3	0	0	3	BAHUM106
BAHUM216	Game Theory	3	0	0	3	BAHUM106
BAHUM217	Basic Econometrics	2	0	2	3	NIL
BAHUM218	Economics of Strategy	3	0	0	3	BAHUM106

(Annexure 12)

The Academic Council considered and approved the same.

Item 80/15	<p><b>To consider and approve the programme credit structure, curriculum and course contents for Minor in Indian Studies applicable for the Bachelor of Technology Programmes.</b></p> <table border="1" data-bbox="287 241 1423 743"> <thead> <tr> <th colspan="7">Minor Courses</th> </tr> <tr> <th>Course Code</th> <th>Course Title</th> <th>L</th> <th>T</th> <th>P</th> <th>C</th> <th>Prerequisite</th> </tr> </thead> <tbody> <tr> <td>BAHUM219</td> <td>Tourism in India</td> <td>3</td> <td>0</td> <td>0</td> <td>3</td> <td>NIL</td> </tr> <tr> <td>BAHUM220</td> <td>Yoga for Human Excellence</td> <td>3</td> <td>1</td> <td>0</td> <td>4</td> <td>NIL</td> </tr> <tr> <td>BAHUM221</td> <td>Indian Heritage and Culture</td> <td>3</td> <td>0</td> <td>0</td> <td>3</td> <td>NIL</td> </tr> <tr> <td>BAHUM222</td> <td>Contemporary India</td> <td>3</td> <td>0</td> <td>0</td> <td>3</td> <td>NIL</td> </tr> <tr> <td>BAHUM223</td> <td>International Relations</td> <td>3</td> <td>0</td> <td>0</td> <td>3</td> <td>NIL</td> </tr> <tr> <td>BAHUM224</td> <td>Introduction to Political Science</td> <td>3</td> <td>0</td> <td>0</td> <td>3</td> <td>NIL</td> </tr> <tr> <td>BAHUM225</td> <td>Indian Knowledge System</td> <td>3</td> <td>1</td> <td>0</td> <td>4</td> <td>NIL</td> </tr> <tr> <td>BAHUM226</td> <td>Indian Classical Music</td> <td>2</td> <td>1</td> <td>0</td> <td>3</td> <td>NIL</td> </tr> <tr> <td>BAHUM227</td> <td>Indian Psychology</td> <td>3</td> <td>0</td> <td>0</td> <td>3</td> <td>NIL</td> </tr> <tr> <td>BAHUM250</td> <td>Indian Economy</td> <td>3</td> <td>0</td> <td>0</td> <td>3</td> <td>NIL</td> </tr> <tr> <td>BAHUM254</td> <td>Indian Society: Structure and Change</td> <td>3</td> <td>0</td> <td>0</td> <td>3</td> <td>NIL</td> </tr> </tbody> </table> <p style="text-align: right;"><b>(Annexure 13)</b></p> <p><b>The Academic Council considered and approved the same.</b></p>	Minor Courses							Course Code	Course Title	L	T	P	C	Prerequisite	BAHUM219	Tourism in India	3	0	0	3	NIL	BAHUM220	Yoga for Human Excellence	3	1	0	4	NIL	BAHUM221	Indian Heritage and Culture	3	0	0	3	NIL	BAHUM222	Contemporary India	3	0	0	3	NIL	BAHUM223	International Relations	3	0	0	3	NIL	BAHUM224	Introduction to Political Science	3	0	0	3	NIL	BAHUM225	Indian Knowledge System	3	1	0	4	NIL	BAHUM226	Indian Classical Music	2	1	0	3	NIL	BAHUM227	Indian Psychology	3	0	0	3	NIL	BAHUM250	Indian Economy	3	0	0	3	NIL	BAHUM254	Indian Society: Structure and Change	3	0	0	3	NIL
Minor Courses																																																																																												
Course Code	Course Title	L	T	P	C	Prerequisite																																																																																						
BAHUM219	Tourism in India	3	0	0	3	NIL																																																																																						
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BAHUM221	Indian Heritage and Culture	3	0	0	3	NIL																																																																																						
BAHUM222	Contemporary India	3	0	0	3	NIL																																																																																						
BAHUM223	International Relations	3	0	0	3	NIL																																																																																						
BAHUM224	Introduction to Political Science	3	0	0	3	NIL																																																																																						
BAHUM225	Indian Knowledge System	3	1	0	4	NIL																																																																																						
BAHUM226	Indian Classical Music	2	1	0	3	NIL																																																																																						
BAHUM227	Indian Psychology	3	0	0	3	NIL																																																																																						
BAHUM250	Indian Economy	3	0	0	3	NIL																																																																																						
BAHUM254	Indian Society: Structure and Change	3	0	0	3	NIL																																																																																						
Item 80/16	<p><b>To consider and approve the programme credit structure, curriculum and course contents for the courses of Minor in Psychology applicable for the Bachelor of Technology Programmes.</b></p> <table border="1" data-bbox="287 1048 1423 1550"> <thead> <tr> <th colspan="7">Minor Courses</th> </tr> <tr> <th>Course Code</th> <th>Course Title</th> <th>L</th> <th>T</th> <th>P</th> <th>C</th> <th>Prerequisite</th> </tr> </thead> <tbody> <tr> <td>BAHUM111</td> <td>Introduction to Psychology</td> <td>3</td> <td>0</td> <td>0</td> <td>3</td> <td>NIL</td> </tr> <tr> <td>BAHUM112</td> <td>Psychology in Everyday Life</td> <td>3</td> <td>0</td> <td>0</td> <td>3</td> <td>NIL</td> </tr> <tr> <td>BAHUM228</td> <td>Psychopathology</td> <td>3</td> <td>0</td> <td>0</td> <td>3</td> <td>BAHUM111</td> </tr> <tr> <td>BAHUM229</td> <td>Counselling Skills and Psychotherapy</td> <td>3</td> <td>0</td> <td>0</td> <td>3</td> <td>BAHUM111</td> </tr> <tr> <td>BAHUM230</td> <td>Psychological First Aid</td> <td>3</td> <td>0</td> <td>0</td> <td>3</td> <td>NIL</td> </tr> <tr> <td>BAHUM231</td> <td>Social Psychology</td> <td>3</td> <td>0</td> <td>0</td> <td>3</td> <td>NIL</td> </tr> <tr> <td>BAHUM232</td> <td>Happiness and Well-Being</td> <td>3</td> <td>0</td> <td>0</td> <td>3</td> <td>NIL</td> </tr> <tr> <td>BAHUM233</td> <td>Industrial Psychology</td> <td>3</td> <td>0</td> <td>0</td> <td>3</td> <td>NIL</td> </tr> <tr> <td>BAHUM248</td> <td>Design Psychology &amp; Human Centered Design</td> <td>3</td> <td>0</td> <td>0</td> <td>3</td> <td>BAHUM111</td> </tr> <tr> <td>BAHUM249</td> <td>Psychology of Intelligent Machines</td> <td>3</td> <td>0</td> <td>0</td> <td>3</td> <td>NIL</td> </tr> </tbody> </table> <p style="text-align: right;"><b>(Annexure 14)</b></p> <p><b>The Academic Council considered and approved the same.</b></p>	Minor Courses							Course Code	Course Title	L	T	P	C	Prerequisite	BAHUM111	Introduction to Psychology	3	0	0	3	NIL	BAHUM112	Psychology in Everyday Life	3	0	0	3	NIL	BAHUM228	Psychopathology	3	0	0	3	BAHUM111	BAHUM229	Counselling Skills and Psychotherapy	3	0	0	3	BAHUM111	BAHUM230	Psychological First Aid	3	0	0	3	NIL	BAHUM231	Social Psychology	3	0	0	3	NIL	BAHUM232	Happiness and Well-Being	3	0	0	3	NIL	BAHUM233	Industrial Psychology	3	0	0	3	NIL	BAHUM248	Design Psychology & Human Centered Design	3	0	0	3	BAHUM111	BAHUM249	Psychology of Intelligent Machines	3	0	0	3	NIL							
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BAHUM111	Introduction to Psychology	3	0	0	3	NIL																																																																																						
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BAHUM228	Psychopathology	3	0	0	3	BAHUM111																																																																																						
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BAHUM230	Psychological First Aid	3	0	0	3	NIL																																																																																						
BAHUM231	Social Psychology	3	0	0	3	NIL																																																																																						
BAHUM232	Happiness and Well-Being	3	0	0	3	NIL																																																																																						
BAHUM233	Industrial Psychology	3	0	0	3	NIL																																																																																						
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Item 80/17	<p><b>To consider and approve the revised programme credit structure and curriculum for Bachelor of Architecture programme from the academic year 2026-27 onwards.</b></p> <p style="text-align: right;"><b>(Annexure 15)</b></p> <p><b>The Academic Council considered and approved the same.</b></p>																																																																																											

Item 80/18	<p><b>To consider and approve the revised programme credit structure and curriculum for Master of Architecture (Digital Technology in Buildings) programme from the academic year 2026-27 onwards.</b></p> <p style="text-align: right;">(Annexure 16)</p> <p>The Academic Council considered and approved the same.</p>
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Item 80/19	<p><b>To consider and approve the revised programme credit structure, curriculum and course contents for Bachelor of Science (Honours) in Agriculture programme from the academic year 2025-26 onwards.</b></p>					
<b>Professional Core Courses</b>						
Course Code	Course Title	L	T	P	C	Prerequisite
REMAC102	Introductory Mathematics	1	0	0	1	NIL
REMAC103	Introductory Biology	1	0	0	1	NIL
REMAC101	Orientation to Agriculture and Education (Deeksharambh)	0	0	0	2	NIL
EXCAC101/ EXCAC102	National Service Scheme (NSS-I)/ National Cadet Corps (NCC-I)	0	0	0	1	NIL
EXCAC103/ EXCAC104	National Service Scheme (NSS-II)/ National Cadet Corps (NCC-II)	0	0	0	1	NIL
EXCAC105	Physical Education, First Aid, Yoga Practices and Meditation	0	0	0	2	NIL
<b>Skill Enhancement Courses</b>						
SECAC101	Biofertilizer and Biopesticide Production	0	0	4	2	NIL
SECAC102	Mushroom Production Technology	0	0	4	2	NIL
SECAC103	Soil, Plant and Water Testing	0	0	4	2	NIL
SECAC104	Poultry Production Technology	0	0	4	2	NIL
SECAC105	Piggery Production Technology	0	0	4	2	NIL
SECAC106	Commercial Horticulture	0	0	4	2	NIL
SECAC107	Commercial Sericulture	0	0	4	2	NIL
SECAC108	Video Production	0	0	4	2	NIL
<b>Agronomy</b>						
AGRAC101	Fundamentals of Agronomy	2	0	2	3	NIL
AGRAC102	Farming based livelihood systems	2	0	2	3	NIL
AGRAC302	Introductory Agro forestry	1	0	2	2	NIL
<b>Soil Science</b>						
SACAC101	Fundamentals of Soil Science	2	0	2	3	NIL
SACAC102	Soil Fertility Management	2	0	2	3	NIL
<b>Entomology</b>						
AENAC101	Fundamentals of Entomology	2	0	2	3	NIL
<b>Plant Pathology</b>						
PATAC101	Fundamentals of Plant Pathology	2	0	2	3	NIL
<b>Horticulture</b>						
HORAC101	Fundamentals of Horticulture	2	0	2	3	NIL

<b>Agricultural Meteorology</b>						
AMTAC101	Environmental Studies and Disaster management	2	0	2	3	NIL
<b>Extension Education</b>						
AEXAC101	Rural Sociology and Educational Psychology	2	0	0	2	NIL
AEXAC102	Communication Skills	1	0	2	2	NIL
AEXAC103	Personality Development	1	0	2	2	NIL
<b>Nematology, Biochemistry, Crop Physiology, Animal Husbandry, Agricultural Biotechnology</b>						
LPMAC101	Livestock and Poultry Management	1	0	2	2	NIL
BICAC301	Essentials of Plant Biochemistry	2	0	2	3	NIL

(Annexure 17)

The Academic Council considered and approved the same.

Item 80/20	<p>To consider and approve the new academic programme Bachelor of Technology in Computer Science and Engineering (Quantum Computing) from the academic year 2026-27 onwards. [Chennai Campus].</p> <p>The Academic Council considered and approved the same.</p>																																																																																																																
Item 80/21	<p>To consider and approve the revised School Vision, Mission statement for the School of Bio Sciences and Technology and Programme Educational Objectives [PEOs], Programme Outcomes [POs], Program Specific Outcomes (PSO) and the course contents for Bachelor of Technology in Biotechnology programme.</p> <p>The curriculum was approved in the 77th meeting of the Academic Council held on 13th March 2025 [Item No. 77/4.1].</p> <table border="1"> <thead> <tr> <th colspan="7"><b>Open Electives</b></th> </tr> <tr> <th>Course Code</th> <th>Course Title</th> <th>L</th> <th>T</th> <th>P</th> <th>C</th> <th>Prerequisite</th> </tr> </thead> <tbody> <tr><td>BABIT313</td><td>Bioinspired Design</td><td>3</td><td>1</td><td>0</td><td>4</td><td>NIL</td></tr> <tr><td>BABIT314</td><td>Food, Nutrition and Health</td><td>3</td><td>1</td><td>0</td><td>4</td><td>NIL</td></tr> <tr><td>BABIT315</td><td>Food Biotechnology</td><td>3</td><td>1</td><td>0</td><td>4</td><td>NIL</td></tr> <tr><td>BABIT316</td><td>Forensic Science and Technology</td><td>3</td><td>1</td><td>0</td><td>4</td><td>NIL</td></tr> <tr><td>BABIT317</td><td>Nanobiotechnology</td><td>3</td><td>1</td><td>0</td><td>4</td><td>NIL</td></tr> <tr><td>BABIT318</td><td>Biomaterials</td><td>3</td><td>1</td><td>0</td><td>4</td><td>NIL</td></tr> <tr><td>BABIT319</td><td>Anatomy and Physiology</td><td>3</td><td>1</td><td>0</td><td>4</td><td>NIL</td></tr> <tr><td>BABIT320</td><td>Bio-business</td><td>3</td><td>1</td><td>0</td><td>4</td><td>NIL</td></tr> <tr><td>BABIT409</td><td>Heat and mass transfer</td><td>3</td><td>1</td><td>0</td><td>4</td><td>NIL</td></tr> <tr><td>BABIT410</td><td>Stem Cell Technology</td><td>3</td><td>1</td><td>0</td><td>4</td><td>NIL</td></tr> <tr><td>BABIT411</td><td>Tissue Engineering</td><td>3</td><td>1</td><td>0</td><td>4</td><td>NIL</td></tr> <tr><td>BABIT412</td><td>Cancer Biology and Informatics</td><td>3</td><td>1</td><td>0</td><td>4</td><td>NIL</td></tr> <tr><td>BABIT413</td><td>Molecular Modelling and Drug Design</td><td>3</td><td>1</td><td>0</td><td>4</td><td>NIL</td></tr> <tr><td>BABIT414</td><td>Neurobiology and Cognitive Science</td><td>3</td><td>1</td><td>0</td><td>4</td><td>NIL</td></tr> </tbody> </table>	<b>Open Electives</b>							Course Code	Course Title	L	T	P	C	Prerequisite	BABIT313	Bioinspired Design	3	1	0	4	NIL	BABIT314	Food, Nutrition and Health	3	1	0	4	NIL	BABIT315	Food Biotechnology	3	1	0	4	NIL	BABIT316	Forensic Science and Technology	3	1	0	4	NIL	BABIT317	Nanobiotechnology	3	1	0	4	NIL	BABIT318	Biomaterials	3	1	0	4	NIL	BABIT319	Anatomy and Physiology	3	1	0	4	NIL	BABIT320	Bio-business	3	1	0	4	NIL	BABIT409	Heat and mass transfer	3	1	0	4	NIL	BABIT410	Stem Cell Technology	3	1	0	4	NIL	BABIT411	Tissue Engineering	3	1	0	4	NIL	BABIT412	Cancer Biology and Informatics	3	1	0	4	NIL	BABIT413	Molecular Modelling and Drug Design	3	1	0	4	NIL	BABIT414	Neurobiology and Cognitive Science	3	1	0	4	NIL
<b>Open Electives</b>																																																																																																																	
Course Code	Course Title	L	T	P	C	Prerequisite																																																																																																											
BABIT313	Bioinspired Design	3	1	0	4	NIL																																																																																																											
BABIT314	Food, Nutrition and Health	3	1	0	4	NIL																																																																																																											
BABIT315	Food Biotechnology	3	1	0	4	NIL																																																																																																											
BABIT316	Forensic Science and Technology	3	1	0	4	NIL																																																																																																											
BABIT317	Nanobiotechnology	3	1	0	4	NIL																																																																																																											
BABIT318	Biomaterials	3	1	0	4	NIL																																																																																																											
BABIT319	Anatomy and Physiology	3	1	0	4	NIL																																																																																																											
BABIT320	Bio-business	3	1	0	4	NIL																																																																																																											
BABIT409	Heat and mass transfer	3	1	0	4	NIL																																																																																																											
BABIT410	Stem Cell Technology	3	1	0	4	NIL																																																																																																											
BABIT411	Tissue Engineering	3	1	0	4	NIL																																																																																																											
BABIT412	Cancer Biology and Informatics	3	1	0	4	NIL																																																																																																											
BABIT413	Molecular Modelling and Drug Design	3	1	0	4	NIL																																																																																																											
BABIT414	Neurobiology and Cognitive Science	3	1	0	4	NIL																																																																																																											

	BABIT415	Clinical Data Management	3	1	0	4	NIL
<b>(Annexure 18)</b>							
<b>The Academic Council considered and approved the same.</b>							
Item 80/22	<b>To consider and approve the course contents for Bachelor of Technology in Chemical Engineering programme.</b>						
<b>The curriculum was approved in the 77th meeting of the Academic Council held on 13th March 2025 [Item No. 77/4.2].</b>							
<b>Professional Core Courses</b>							
<b>Programme Core</b>							
Course Code	Course Title	L	T	P	C	Prerequisite	
BACHE102	Chemical Process Calculations	3	1	0	4	NIL	
BACHE103	Momentum Transfer	3	0	2	4	NIL	
BACHE201	Mass Transfer I	3	1	0	4	BACHE103	
BACHE202	Heat Transfer	3	0	2	4	NIL	
BACHE203	Chemical Reaction Engineering	3	0	2	4	BACHE101	
BACHE204	Mass Transfer II	3	0	2	4	BACHE201	
BACHE205	Process Instrumentation Dynamics and Control	3	0	2	4	BAMAT101	
BACHE301	Artificial Intelligence and Machine Learning for Chemical Engineers	3	0	2	4	BAMAT201	
<b>Concentration</b>							
<b>Computational Chemical Engineering</b>							
BACHE302	Computational Methods in Chemical Engineering	3	0	2	4	BAMAT101	
BACHE303	Process Equipment Design and Visualization	3	0	2	4	BACHE302	
BACHE304	Process Modelling and Simulation	3	0	2	4	BAMAT101	
BACHE401	Process Plant Design and Simulation	3	0	2	4	BAMAT101	
BACHE402	Molecular Dynamics and Simulation	3	0	2	4	NIL	
<b>Additional Concentrations</b>							
<b>Separation and Purification Technology</b>							
BACHE305	Mechanical Operations	3	0	2	4	NIL	
BACHE306	Membrane Separation Processes	4	0	0	4	BACHE201	
BACHE307	Decarbonization and Energy Transitions	4	0	0	4	NIL	
BACHE403	Nano Science and Separations	4	0	0	4	NIL	
BACHE404	Downstream Processing	4	0	0	4	NIL	
<b>Energy and Environmental Technology</b>							
BACHE308	Hydrogen Production, Storage and Utilization	4	0	0	4	NIL	
BACHE309	Electrochemical Engineering	4	0	0	4	NIL	
BACHE310	Green and Sustainable Engineering	4	0	0	4	NIL	
BACHE405	Environmental Pollution Control	4	0	0	4	NIL	
BACHE406	Renewable Energy Policies and Economics	4	0	0	4	NIL	

Industrial Chemical Engineering						
BACHE311	Chemical Process Technology and Economics	4	0	0	4	NIL
BACHE312	Polymer Technology	4	0	0	4	NIL
BACHE313	Bioprocess Technology	4	0	0	4	NIL
BACHE407	Food Process Engineering	4	0	0	4	NIL
BACHE408	Agrochemical Synthesis and Applications	4	0	0	4	NIL
Oil and Gas Engineering						
BACHE314	Natural Gas Engineering	4	0	0	4	NIL
BACHE315	Petroleum Technology	4	0	0	4	NIL
BACHE316	Utilities and Piping Design	4	0	0	4	NIL
BACHE409	Digital Oil Field and Smart Technology	4	0	0	4	NIL
BACHE410	Petroleum Economics and Risk Management	4	0	0	4	NIL
Open Electives						
BACHE318	Industrial Safety and Hazard Analysis	4	0	0	4	NIL
BACHE319	Chemical Process Optimization	4	0	0	4	NIL
BACHE320	Chemical Product Design	4	0	0	4	NIL
BACHE321	Colloids and Interfacial Science	4	0	0	4	NIL
BACHE322	Pharmaceutical Technology	4	0	0	4	NIL
BACHE323	Fermentation Technology	4	0	0	4	NIL
BACHE325	Fluidization Engineering	4	0	0	4	NIL
BACHE326	Fuels and Combustion	4	0	0	4	NIL
BACHE327	Fundamentals of Nanotechnology	4	0	0	4	NIL
BACHE328	Start-ups in Chemical Engineering	4	0	0	4	NIL
BACHE329	Computational Fluid Dynamics for Chemical Engineers	4	0	0	4	BACHE302
BACHE330	Petrochemical Technology	4	0	0	4	NIL
BACHE331	Process Intensification	4	0	0	4	BACHE204
BACHE332	Heterogeneous Reaction Engineering	4	0	0	4	BACHE203
BACHE333	Transport Phenomena	4	0	0	4	NIL
BACHE334	Chemical Sensors for Industrial Applications	4	0	0	4	NIL
BACHE336	Sustainability and Circular Economy Principles	4	0	0	4	NIL
<b>(Annexure 19)</b>						
<b>The Academic Council considered and approved the same.</b>						
Item 80/23	<p><b>To consider and approve the course contents for Bachelor of Technology in Civil Engineering programme.</b></p> <p><b>The curriculum was approved in the 77th meeting of the Academic Council held on 13th March 2025 [Item No. 77/4.3].</b></p>					
<b>Professional Core Courses</b>						
<b>Programme Core</b>						
Course Code	Course Title	L	T	P	C	Prerequisite
BACLE201	Fluid Mechanics and Hydraulic Machines	3	0	2	4	NIL

	BACLE202	Soil Mechanics and Foundation Engineering	3	0	2	4	NIL
	BACLE203	Structural Analysis	3	1	0	4	BACLE103
	BACLE204	Transportation Engineering	3	0	2	4	BACLE203
	BACLE205	Design of Steel and Reinforced Concrete Structures	3	0	2	4	BACLE101
	BACLE206	Estimation, Costing, and Drawing	3	0	2	4	NIL
	BACLE207	Artificial Intelligence and Machine Learning in Civil Engineering	3	0	2	4	NIL
<b>Concentration</b>							
<b>Intellibuild Systems</b>							
	BACLE301	Construction Materials and Techniques	3	1	0	4	NIL
	BACLE302	Concrete Technology	3	0	2	4	NIL
	BACLE303	Digital Management and Practices in Construction	3	0	2	4	NIL
	BACLE401	Hydrology and Water Resources Engineering	3	1	0	4	NIL
	BACLE402	Engineering Geology	3	1	0	4	NIL
<i>(Annexure 20)</i>							
The Academic Council considered and approved the same.							
Item 80/24	To consider and approve the course contents for Bachelor of Technology in Civil Engineering programme for the Larsen & Toubro (L&T) supported students.						
	Course Code	Course Title	L	T	P	C	Prerequisite
<b>Open Electives</b>							
	BACLE319	Essentials for Data Science and AI for Civil Engineers	2	0	0	2	NIL
	BACLE320	Critical Thinking, Design Thinking, Leadership and Teamwork	2	0	0	2	NIL
	BACLE321	Career Readiness in Digital Era	2	0	0	2	NIL
	BACLE322	Project Management for Professionals	2	0	0	2	NIL
<i>(Annexure 21)</i>							
The Academic Council considered and approved the same.							
Item 80/25	To consider and approve the course contents for Bachelor of Technology in Mechanical Engineering programme.						
The curriculum was approved in the 77th meeting of the Academic Council held on 13th March 2025 [Item No. 77/4].							
<b>Professional Core Courses</b>							

Programme Core						
Course Code	Course Title	L	T	P	C	Prerequisite
BAMEE202	Metallurgy and Mechanical behavior of Materials	3	0	2	4	BACHY109
BAMEE203	Thermodynamics and Thermal Systems	2	1	2	4	NIL
BAMEE204	Fluid Mechanics and Heat Transfer	2	1	2	4	BAMEE203
BAMEE301	Computational Engineering	2	1	2	4	BAMAT206
BAMEE302	Machine Design	3	1	0	4	BAMEE201
BAMEE303	Control System	2	1	2	4	BAMAT206
BAMEE304	Computer Aided Design and Manufacturing	3	0	2	4	BAMEE205
Concentration						
Product Design and Development						
BAMEE206	Human-Centered Design and Inno- vation	3	0	2	4	NIL
BAMEE207	Materials Selection in Design	3	0	2	4	BAMEE201
BAMEE305	Design for Excellence	3	0	2	4	NIL
BAMEE306	Product Lifecycle Management	3	1	0	4	NIL
BAMEE401	Intellectual Property and Technology Commercialization	3	1	0	4	NIL
Mechatronics and Robotics						
BAMEE310	Fundamentals of Mechatronics Systems	3	0	2	4	NIL
BAMEE311	Machine Vision	3	0	2	4	NIL
BAMEE312	Electronics and Embedded Systems	3	1	0	4	NIL
BAMEE313	Robotics	3	0	2	4	NIL
BAMEE404	Digital Manufacturing	3	0	2	4	NIL
Green Energy Technologies & Sustainability						
BAMEE314	Energy Audit and Conservation	3	0	2	4	NIL
BAMEE315	Energy Policy and Economics	3	1	0	4	NIL
BAMEE316	Climate Change and Sustainable Development	3	1	0	4	NIL
BAMEE317	Sustainable Energy Technologies	2	1	2	4	NIL
BAMEE402	Energy System Modelling and Analysis	3	0	2	4	NIL
Smart Manufacturing						
BAMEE208	Additive Manufacturing: Processes and Design	3	0	2	4	NIL
BAMEE307	Artificial Intelligence in Manufacturing	3	0	2	4	NIL
BAMEE308	Industrial Internet of Things	3	0	2	4	NIL
BAMEE309	Industrial Automation and Robotics	3	0	2	4	NIL
BAMEE403	Cyber Physical Systems in Manufacturing Industry	3	0	2	4	NIL
Electric Vehicles						
BAMEE318	Vehicle Systems Engineering	3	0	2	4	NIL
BAMEE319	Autonomous Vehicles	3	0	2	4	NIL
BAMEE320	Vehicle Dynamics	3	0	2	4	NIL
BAMEE321	Powertrain for Electric Vehicles	3	0	2	4	BAEEE101
BAMEE405	Automotive Electrical and Electronics	3	0	2	4	NIL

Industrial Systems Engineering						
BAMEE322	Industrial Engineering	3	1	0	4	NIL
BAMEE323	Operations Research and Decision Analytics	3	1	0	4	NIL
BAMEE324	Production Planning and Control	3	1	0	4	NIL
BAMEE325	Quality Control and Reliability	3	1	0	4	NIL
BAMEE406	Sustainable Manufacturing and Circular Economy	3	1	0	4	NIL

*(Annexure 22)*

The Academic Council considered and approved the same.

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Item 80/26

To consider and approve the course contents for Bachelor of Technology in Manufacturing Engineering programme for the Diploma Holders of TATA Electronics Private Ltd offered under Blended Learning Mode.

The curriculum was approved in the 66<sup>th</sup> meeting of the Academic Council held on 16<sup>th</sup> June 2022 [Item No. 66/13].

Open Electives						
Course Code	Course Title	L	T	P	C	Prerequisite
WUMS310P	Internship in Manufacturing Practices	0	0	4	2	NIL
WUMS311P	Internship in Lean Manufacturing Practices	0	0	4	2	NIL

*(Annexure 23)*

The Academic Council considered and approved the same.

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Item 80/27

To consider and approve the course contents for Bachelor of Technology in Mechanical Engineering (Electric Vehicles) programme.

The curriculum was approved in the 77<sup>th</sup> meeting of the Academic Council held on 13<sup>th</sup> March 2025 [Item No. 77/20].

Professional Core Courses						
Programme Core						
Course Code	Course Title	L	T	P	C	Prerequisite
BAMEE202	Metallurgy and Mechanical Behaviour of Materials	3	0	2	4	BACHY109
BAMEE203	Thermodynamics and Thermal Systems	2	1	2	4	NIL
BAMEE204	Fluid Mechanics and Heat Transfer	2	1	2	4	BAMEE203
BAMEE301	Computational Engineering	2	1	2	4	BAMAT206
BAMEE302	Machine Design	3	1	0	4	BAMEE201
BAMEE303	Control System	2	1	2	4	BAMAT206
BAMEE304	Computer Aided Design and Manufacturing	3	0	2	4	BAMEE205

Concentration						
Electric Vehicles						
BAMEE318	Vehicle Systems Engineering	3	0	2	4	NIL
BAMEE319	Autonomous Vehicles	3	0	2	4	NIL
BAMEE320	Vehicle Dynamics	3	0	2	4	NIL
BAMEE321	Powertrain for Electric Vehicles	3	0	2	4	BAEEEE101
BAMEE405	Automotive Electrical and Electronics	3	0	2	4	NIL

*(Annexure 24)*

The Academic Council considered and approved the same.

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Item 80/28 To consider and approve the course contents for Bachelor of Technology in Mechanical Engineering [Smart Manufacturing] programme.

The curriculum was approved in the 77th meeting of the Academic Council held on 13th March 2025 [Item No. 77/21].

Professional Core Courses						
Programme Core						
Course Code	Course Title	L	T	P	C	Prerequisite
BAMEE202	Metallurgy and Mechanical Behaviour of Materials	3	0	2	4	BACHY109
BAMEE203	Thermodynamics and Thermal Systems	2	1	2	4	NIL
BAMEE204	Fluid Mechanics and Heat Transfer	2	1	2	4	BAMEE203
BAMEE301	Computational Engineering	2	1	2	4	BAMAT206
BAMEE302	Machine Design	3	1	0	4	BAMEE201
BAMEE303	Control System	2	1	2	4	BAMAT206
BAMEE304	Computer Aided Design and Manufacturing	3	0	2	4	BAMEE205

Concentration						
Smart Manufacturing						
BAMEE208	Additive Manufacturing: Processes and Design	3	0	2	4	NIL
BAMEE307	Artificial Intelligence in Manufacturing	3	0	2	4	NIL
BAMEE308	Industrial Internet of Things	3	0	2	4	NIL
BAMEE309	Industrial Automation and Robotics	3	0	2	4	NIL
BAMEE403	Cyber Physical Systems in Manufacturing Industry	3	0	2	4	NIL

*(Annexure 25)*

The Academic Council considered and approved the same.

Item  
80/29

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

The curriculum was approved in the 77th meeting of the Academic Council held on 13<sup>th</sup> March 2025 [Item No. 77/22].

Course Code	Course Title	L	T	P	C	Prerequisite
<b>Programme Core Courses</b>						
BABMH202	Sensors and Signals	3	0	2	4	NIL
BABMH203	Intelligent Systems	3	1	0	4	NIL
BABMH204	Machine Vision	3	0	2	4	NIL
BABMH301	Systems and Control	3	0	2	4	NIL
BABMH302	Design and Integration of Mechatronics Systems	3	0	2	4	NIL
BABMH303	Robotics	3	0	2	4	NIL
<b>Concentration</b>						
<b>Automation</b>						
BABMH304	Industrial Process Automation	3	0	2	4	NIL
BABMH305	Digital Manufacturing	3	0	2	4	NIL
BABMH306	Automotive Mechatronics	3	0	2	4	NIL
BABMH401	Agriculture Automation	4	0	0	4	NIL
BABMH402	Autonomous Systems	3	0	2	4	NIL

(Annexure 26)

The Academic Council considered and approved the same.

Item  
80/30

To consider and approve the course content for Bachelor of Technology in Computer Science and Engineering programme.

The curriculum was approved in the 77th meeting of the Academic Council held on 13<sup>th</sup> March 2025 [Item No. 77/4.4].

<b>Concentration</b>						
<b>Systems Engineering</b>						
Course Code	Course Title	L	T	P	C	Prerequisite
BACSE303	Deep Learning	3	0	2	4	NIL
BACSE319	Cryptography and Network Security	3	0	2	4	NIL
BACSE324	Embedded Systems Architecture	3	0	2	4	NIL

BACSE325	Full Stack Development	2	0	4	4	NIL
BACSE326	Distributed System Design	3	0	2	4	NIL
<b>Additional Concentrations</b>						
<b>Artificial Intelligence and Machine Learning</b>						
BACSE301	Exploratory Data Analysis	3	0	2	4	NIL
BACSE302	Machine Learning and Optimization	3	0	2	4	NIL
BACSE304	Reinforcement Learning	3	0	2	4	NIL
BACSE401	Generative AI	3	0	2	4	BACSE303
BACSE403	Federated Learning	3	0	2	4	NIL
<b>Cyber Physical Systems</b>						
BACSE312	Embedded Systems	3	0	2	4	NIL
BACSE313	Internet of Things	3	0	2	4	NIL
BACSE314	Security and Privacy in Cyber Physical Systems	3	0	2	4	NIL
BACSE315	Cyber Physical Systems Design	3	0	2	4	NIL
BACSE316	Sensors and Actuators	3	0	2	4	NIL
<b>Block Chain Technology</b>						
BACSE339	Distributed Ledger Technology	3	0	2	4	Nil
BACSE340	Web3 Decentralised Applications	3	0	2	4	BACSE339
BACSE350	Blockchain Architecture and Design	3	1	0	4	NIL
BACSE420	Smart Supply Chain Management	3	1	0	4	NIL
BACSE421	DevSecOps	3	1	0	4	NIL
<b>Augmented Reality</b>						
BACSE341	Fundamentals of Augmented and Virtual Reality	3	0	2	4	NIL
BACSE342	Game Design and Development	3	0	2	4	NIL
BACSE343	Application Development for AR/VR	3	0	2	4	BACSE341
BACSE415	Digital Twin	3	1	0	4	NIL
BACSE422	Haptic Technology	3	1	0	4	NIL
<b>Cloud Computing and Applications</b>						
BACSE344	Cloud Infrastructure and Architecture	3	1	0	4	NIL
BACSE345	Cloud Automation Technologies	3	0	2	4	NIL
BACSE346	Containerization and DevOps	3	0	2	4	BACSE344
BACSE416	Mobile Application Development	3	0	2	4	NIL
BACSE417	Fog and Edge Computing	3	0	2	4	NIL
<b>Data Science</b>						
BACSE301	Exploratory Data Analysis	3	0	2	4	NIL
BACSE305	Foundations of Data Science	3	0	2	4	NIL
BACSE306	MLOps	3	0	2	4	NIL
BACSE307	Mining Massive Data	3	0	2	4	BACSE202
BACSE402	Data Security	3	1	0	4	BACSE203
<b>Cybersecurity</b>						
BACSE320	Penetration Testing and Vulnerability Assessment	3	0	2	4	NIL

BACSE321	Cyber Crime and Forensics	3	0	2	4	NIL
BACSE322	Malware Analysis and Mitigation Techniques	3	0	2	4	NIL
BACSE323	Artificial Intelligence for Cybersecurity	3	1	0	4	NIL

(Annexure 27)

The Academic Council considered and approved the same.

Item 80/31

To consider and approve the course content for Bachelor of Technology in Computer Science and Engineering (Artificial Intelligence and Machine Learning) programme.

The curriculum was approved in the 77th meeting of the Academic Council held on 13<sup>th</sup> March 2025 [Item No. 77/4.9].

Concentration						
Artificial Intelligence and Machine Learning						
Course Code	Course Title	L	T	P	C	Prerequisite
BACSE301	Exploratory Data Analysis	3	0	2	4	NIL
BACSE302	Machine Learning and Optimization	3	0	2	4	NIL
BACSE303	Deep Learning	3	0	2	4	NIL
BACSE304	Reinforcement Learning	3	0	2	4	NIL
BACSE401	Generative AI	3	0	2	4	BACSE303
BACSE403	Federated Learning	3	0	2	4	NIL
Additional Concentration - Advanced AI Techniques						
BACSE306	MLOPs	3	0	2	4	NIL
BACSE327	Natural Language Processing	3	0	2	4	NIL
BACSE328	Computer Vision	3	0	2	4	NIL
BACSE404	Explainable and Responsible AI	3	1	0	4	NIL
BACSE405	Edge Intelligence	3	0	2	4	NIL

(Annexure 28)

The Academic Council considered and approved the same.

Item 80/32

To consider and approve the course content for Bachelor of Technology in Computer Science and Engineering (Artificial Intelligence and Robotics) programme.

The curriculum was approved in the 77th meeting of the Academic Council held on 13<sup>th</sup> March 2025 [Item No. 77/4.10].

Concentration						
Artificial Intelligence and Robotics						

Course Code	Course Title	L	T	P	C	Prerequisite
BACSE211	Robotics: Kinematics, Dynamics and Motion Control	3	0	2	4	NIL
BACSE308	Machine Learning for Robotics	3	0	2	4	NIL
BACSE309	Robotics, Systems and Control	3	0	2	4	NIL
BACSE310	Robot modelling, Simulation and Programming	3	0	2	4	NIL
BACSE311	Robotic Path Planning and Optimization	3	0	2	4	NIL
<b>Additional Concentration - Advanced Robotics and Autonomous Systems</b>						
BACSE304	Reinforcement Learning	3	0	2	4	NIL
BACSE335	Robotic Vision and Perception	3	0	2	4	NIL
BACSE336	Autonomous Drones	3	0	2	4	NIL
BACSE410	Robotic Process Automation	2	0	4	4	NIL
BACSE411	Swarms and Multi-Robot Systems	3	0	2	4	BACSE310

*(Annexure 29)*

The Academic Council considered and approved the same.

Item 80/33	<p>To consider and approve the course content for Bachelor of Technology in Computer Science and Engineering (Data Science) programme.</p> <p>The curriculum was approved in the 77th meeting of the Academic Council held on 13 th March 2025 [Item No. 77/4.16].</p>					
<b>Concentration</b>						
<b>Data Science</b>						
Course Code	Course Title	L	T	P	C	Prerequisite
BACSE301	Exploratory Data Analysis	3	0	2	4	NIL
BACSE305	Foundations of Data Science	3	0	2	4	NIL
BACSE306	MLOps	3	0	2	4	NIL
BACSE307	Mining Massive Data	3	0	2	4	BACSE202
BACSE329	Big Data Tools and Technologies	3	0	2	4	NIL
BACSE402	Data Security	3	1	0	4	BACSE203
<b>Additional Concentration - Intelligent Data Analytics and Visualization</b>						
BACSE330	Finance and Healthcare Analytics	3	0	2	4	NIL
BACSE331	Web and Social Media Analytics	3	0	2	4	NIL
BACSE332	Image and Video streaming Analytics	3	0	2	4	NIL
BACSE351	Advanced Big Data Visualization Techniques	3	0	2	4	NIL

	BACSE406	Data Analytics for Cybersecurity	3	1	0	4	NIL
	<i>(Annexure 30)</i>						
	The Academic Council considered and approved the same.						
Item 80/34	To consider and approve the course contents for Bachelor of Technology in Computer Science and Engineering (Cyber Physical Systems) programme.						
	The curriculum was approved in the 77th meeting of the Academic Council held on 13 <sup>th</sup> March 2025 [Item No. 77/4.8].						
	<b>Concentration</b>						
	<b>Cyber Physical System</b>						
	Course Code	Course Title	L	T	P	C	Prerequisite
	BACSE312	Embedded Systems	3	0	2	4	NIL
	BACSE313	Internet of Things	3	0	2	4	NIL
	BACSE314	Security and Privacy in Cyber Physical Systems	3	0	2	4	NIL
	BACSE315	Cyber Physical Systems Design	3	0	2	4	NIL
	BACSE316	Sensors and Actuators	3	0	2	4	NIL
	<b>Additional Concentration - Intelligent Infrastructure for CPS</b>						
	BACSE407	Edge and Cloud Computing for Cyber Physical Systems	3	0	2	4	NIL
	BACSE408	Computer Vision for Cyber Physical Systems	3	0	2	4	NIL
	BACSE333	Autonomous Cyber Physical Systems	3	0	2	4	BACSE316
	BACSE334	Emerging Wireless and Mobile Technologies	3	0	2	4	BACSE203
	BACSE409	Critical Infrastructure Systems	3	0	2	4	BACSE315
	<i>(Annexure 31)</i>						
	The Academic Council considered and approved the same.						
Item 80/35	To consider and approve the course contents for Bachelor of Technology in Computer Science and Engineering and Business Systems programme [In collaboration with TCS].						
	The curriculum was approved in the 77th meeting of the Academic Council held on 13 <sup>th</sup> March 2025 [Item No. 77/4.7].						
	<b>Concentration</b>						
	<b>Business Systems</b>						
	BAMGT301	Financial and Cost Accounting	3	1	0	4	NIL
	BAMGT302	Marketing Management	3	1	0	4	NIL
	BAMGT303	Financial Management	3	1	0	4	NIL
	BAMGT304	Services Science and Services Operations Management	3	1	0	4	NIL
	BAMAT208	Operations Research	3	0	2	4	NIL
	<i>(Annexure 32)</i>						
	The Academic Council considered and approved the same.						

Item  
80/36

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

**The curriculum was approved in the 77th meeting of the Academic Council held on 13th March 2025.**

Open Electives						
Course Code	Course Title	L	T	P	C	Prerequisite
BAMGT209	Data-Driven Marketing	2	0	2	3	NIL
BAMGT210	Consumerism: Consumption Culture, and Consumer Rights	3	0	0	3	NIL
BAMGT211	Negotiation and Selling: Tactics and Practice	3	0	0	3	NIL
BAMGT212	Sensory Branding: Engaging Consumers Through 5 Senses	3	0	0	3	NIL
BAMGT213	Content and Brand Storytelling	3	0	0	3	NIL
BAMGT214	In-Store Influence: Packaging, Design & Shopper Communication	3	0	0	3	NIL
BAMGT215	Emotional Intelligence	3	0	0	3	NIL
BAMGT216	Coping Strategies for Wellness	3	0	0	3	NIL
BAMGT217	FinTech	3	0	0	3	NIL
BAMGT218	Entrepreneurial Finance	3	0	0	3	NIL
BAMGT219	Sustainable Finance	3	0	0	3	NIL
BAMGT220	Virtual Economies and Digital Assets	3	0	0	3	NIL
BAMGT221	Personal Wealth Management	3	0	0	3	NIL
BAMGT222	Predictive Analytics for Business Strategy	2	0	2	3	NIL
BAMGT223	Advanced Decision Analytics and Forecasting Techniques	2	0	2	3	NIL
BAHUM252	Patent Drafting and Specification Writing	3	0	0	3	Nil
BAHUM253	Environmental and Social Sustainability	3	0	0	3	Nil
BAHUM201	Economics of Money, Banking and Financial Markets	3	0	0	3	NIL
BAHUM202	Security Analysis and Portfolio Management	3	0	0	3	NIL
BAHUM203	Options, Futures, and Derivatives	3	0	0	3	NIL
BAHUM204	Fixed Income Securities	3	0	0	3	NIL
BAHUM205	Intellectual Property Rights and the Law	3	0	0	3	NIL
BAHUM236	Behavioural Economics	3	0	0	3	BAHUM106
BAHUM237	Welfare Economics	3	0	0	3	BAHUM106
BAHUM238	Environmental Economics	3	0	0	3	BAHUM106
BAHUM234	India: Civilization and Modernity	3	0	0	3	NIL
BAHUM235	English Literature in India	3	0	0	3	NIL
BAHUM239	Indian History for Competitive Exams	3	0	0	3	NIL
BAHUM240	Science, Technology, and Society	3	0	0	3	NIL
BAHUM241	Human Connection in Digital Era	3	0	0	3	NIL

BAHUM242	Information Communication Technology and Society	3	0	0	3	NIL
BAHUM243	Social Issues and Development in India	3	0	0	3	NIL
BAHUM244	Rural Development	3	0	0	3	NIL
BAHUM245	Sociology of Media and Mass Communication	3	0	0	3	NIL
BAHUM246	Urban Development: Contemporary Concerns and Challenges	3	0	0	3	NIL
BAHUM247	Social Work and Sustainability	3	0	0	3	NIL
<b>Humanities, Social Science and Management Electives</b>						
BAHUM106	Micro Economics	3	0	0	3	NIL
BAHUM107	Macro Economics	3	0	0	3	NIL
BAHUM108	Public Policy and Administration	3	0	0	3	NIL
BAHUM109	Principles of Sociology	3	0	0	3	NIL
BAHUM110	Sustainability and Society	3	0	0	3	NIL
BAHUM111	Introduction to Psychology	3	0	0	3	NIL
BAHUM112	Psychology in Everyday Life	3	0	0	3	NIL
BAHUM113	Indigenous Narratives and Knowledge Systems	3	0	0	3	NIL
BAHUM114	Literature Through Films	3	0	0	3	NIL
BAHUM115	Science Fiction Stories of Tomorrow	3	0	0	3	NIL
BAHUM116	Indian Civilisation: Continuity and Changes	3	0	0	3	NIL
BAHUM117	Indian writing in English	3	0	0	3	NIL
BAHUM221	Indian Heritage and Culture	3	0	0	3	NIL
BAHUM223	International Relations	3	0	0	3	NIL
<b>University Core Course</b>						
BAHUM101	India Studies	1	0	0	1	NIL
<i>(Annexure 33)</i>						
<b>The Academic Council considered and approved the same.</b>						
Item 80/37	<b>To consider and approve the course contents for the 3 year under graduate programmes.</b>					
Course Code	Course Title	L	T	P	C	Prerequisite
<b>Ability Enhancement Courses</b>						
UJAP102L	Japanese for Beginners	3	0	0	3	NIL
<i>(Annexure 34)</i>						
<b>The Academic Council considered and approved the same.</b>						

Item 80/38	<p><b>To consider and approve the course contents for Master of Social Works programme.</b></p> <p>The curriculum was approved in the 78th meeting of the Academic Council held on 12th June 2025 [Item No. 78/25].</p>																																																																																																																																																										
<table border="1"> <thead> <tr> <th>Course Code</th> <th>Course Title</th> <th>L</th> <th>T</th> <th>P</th> <th>C</th> <th>Prerequisite</th> </tr> </thead> <tbody> <tr> <td colspan="7" style="text-align: center;"><b>University Core Courses</b></td> </tr> <tr> <td>PASWK599</td> <td>Summer Internship</td> <td>0</td> <td>0</td> <td>6</td> <td>2</td> <td>NIL</td> </tr> <tr> <td>PASWK699</td> <td>Dissertation/Internship</td> <td>0</td> <td>1</td> <td>27</td> <td>10</td> <td>NIL</td> </tr> <tr> <td colspan="7" style="text-align: center;"><b>Professional Core Course</b></td> </tr> <tr> <td>PASWK511</td> <td>Social Work and Technology</td> <td>2</td> <td>0</td> <td>0</td> <td>2</td> <td>NIL</td> </tr> <tr> <td colspan="7" style="text-align: center;"><b>Professional Elective Courses</b></td> </tr> <tr> <td colspan="7" style="text-align: center;"><b>Medical and Psychiatric Social Work</b></td> </tr> <tr> <td>PASWK602</td> <td>Community Health</td> <td>3</td> <td>0</td> <td>0</td> <td>3</td> <td>NIL</td> </tr> <tr> <td>PASWK603</td> <td>Psychiatric Social Work</td> <td>3</td> <td>0</td> <td>0</td> <td>3</td> <td>NIL</td> </tr> <tr> <td>PASWK604</td> <td>Therapeutic Interventions</td> <td>3</td> <td>0</td> <td>0</td> <td>3</td> <td>NIL</td> </tr> <tr> <td>PASWK605</td> <td>Public Health Policies and Practice</td> <td>3</td> <td>0</td> <td>0</td> <td>3</td> <td>NIL</td> </tr> <tr> <td colspan="7" style="text-align: center;"><b>Community Development</b></td> </tr> <tr> <td>PASWK602</td> <td>Community Health</td> <td>3</td> <td>0</td> <td>0</td> <td>3</td> <td>NIL</td> </tr> <tr> <td>PASWK608</td> <td>Social Work with Families and Children</td> <td>3</td> <td>0</td> <td>0</td> <td>3</td> <td>NIL</td> </tr> <tr> <td>PASWK609</td> <td>Disaster Management</td> <td>3</td> <td>0</td> <td>0</td> <td>3</td> <td>NIL</td> </tr> <tr> <td>PASWK610</td> <td>Urban Community Development</td> <td>3</td> <td>0</td> <td>0</td> <td>3</td> <td>NIL</td> </tr> <tr> <td colspan="7" style="text-align: center;"><b>Human Resource Management</b></td> </tr> <tr> <td>PASWK612</td> <td>Organizational Behavior</td> <td>3</td> <td>0</td> <td>0</td> <td>3</td> <td>NIL</td> </tr> <tr> <td>PASWK613</td> <td>Learning and Development</td> <td>3</td> <td>0</td> <td>0</td> <td>3</td> <td>NIL</td> </tr> <tr> <td>PASWK614</td> <td>Labour Laws and Employee Relations</td> <td>3</td> <td>0</td> <td>0</td> <td>3</td> <td>NIL</td> </tr> <tr> <td>PASWK615</td> <td>Compensation and Performance Management</td> <td>3</td> <td>0</td> <td>0</td> <td>3</td> <td>NIL</td> </tr> </tbody> </table>		Course Code	Course Title	L	T	P	C	Prerequisite	<b>University Core Courses</b>							PASWK599	Summer Internship	0	0	6	2	NIL	PASWK699	Dissertation/Internship	0	1	27	10	NIL	<b>Professional Core Course</b>							PASWK511	Social Work and Technology	2	0	0	2	NIL	<b>Professional Elective Courses</b>							<b>Medical and Psychiatric Social Work</b>							PASWK602	Community Health	3	0	0	3	NIL	PASWK603	Psychiatric Social Work	3	0	0	3	NIL	PASWK604	Therapeutic Interventions	3	0	0	3	NIL	PASWK605	Public Health Policies and Practice	3	0	0	3	NIL	<b>Community Development</b>							PASWK602	Community Health	3	0	0	3	NIL	PASWK608	Social Work with Families and Children	3	0	0	3	NIL	PASWK609	Disaster Management	3	0	0	3	NIL	PASWK610	Urban Community Development	3	0	0	3	NIL	<b>Human Resource Management</b>							PASWK612	Organizational Behavior	3	0	0	3	NIL	PASWK613	Learning and Development	3	0	0	3	NIL	PASWK614	Labour Laws and Employee Relations	3	0	0	3	NIL	PASWK615	Compensation and Performance Management	3	0	0	3	NIL
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PASWK615	Compensation and Performance Management	3	0	0	3	NIL																																																																																																																																																					
<p style="text-align: right;"><i>(Annexure 35)</i></p> <p><b>The Academic Council considered and approved the same.</b></p>																																																																																																																																																											
Item 80/39	<p><b>To consider and approve the Programme Outcomes [POs] and Programme Specific Outcomes (PSOs) for Bachelor of Commerce programme.</b></p> <p style="text-align: right;"><i>(Annexure 36)</i></p> <p><b>The Academic Council considered and approved the same.</b></p>																																																																																																																																																										
Item 80/40	<p><b>To consider and approve the Programme Outcomes [POs] and Programme Specific Outcomes (PSOs) for Bachelor of Commerce (Business Process Services) programme.</b></p> <p style="text-align: right;"><i>(Annexure 37)</i></p> <p><b>The Academic Council considered and approved the same.</b></p>																																																																																																																																																										

Item 80/41	<p><b>To consider and approve the Programme Outcomes [POs] and Programme Specific Outcomes (PSOs) for Bachelor of Commerce (Banking and Capital Markets) programme.</b></p> <p style="text-align: right;"><i>(Annexure 38)</i></p> <p>The Academic Council considered and approved the same.</p>																																																																				
Item 80/42	<p><b>To consider and approve the Programme Outcomes [POs] and Programme Specific Outcomes (PSOs) for Bachelor of Commerce (Financial Technology) programme.</b></p> <p style="text-align: right;"><i>(Annexure 39)</i></p> <p>The Academic Council considered and approved the same.</p>																																																																				
Item 80/43	<p><b>To consider and approve the course contents for Bachelor of Technology in Information Technology programme.</b></p> <p>The curriculum was approved in the 77th meeting of the Academic Council held on 13th March 2025 [Item No. 77/4.25].</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th colspan="7" style="text-align: center;">Open Electives</th> </tr> <tr> <th>Course Code</th> <th>Course Title</th> <th>L</th> <th>T</th> <th>P</th> <th>C</th> <th>Prerequisite</th> </tr> </thead> <tbody> <tr> <td>BAITE314</td> <td>System Design</td> <td>3</td> <td>1</td> <td>0</td> <td>4</td> <td>BACSE102</td> </tr> <tr> <td>BAITE315</td> <td>Quantum Computing</td> <td>3</td> <td>1</td> <td>0</td> <td>4</td> <td>BAPHY105</td> </tr> <tr> <td>BAITE316</td> <td>Cloud Computing</td> <td>3</td> <td>1</td> <td>0</td> <td>4</td> <td>BAITE201 BACSE106</td> </tr> <tr> <td>BAITE317</td> <td>Embedded Systems and IoT</td> <td>3</td> <td>1</td> <td>0</td> <td>4</td> <td>BAITE101 BACSE103 BAECE104 BAEVD102</td> </tr> <tr> <td>BAITE409</td> <td>Large-Scale Data Analytics</td> <td>3</td> <td>1</td> <td>0</td> <td>4</td> <td>BAITE202 BACSE209</td> </tr> <tr> <td>BAITE410</td> <td>High Performance Computing</td> <td>3</td> <td>1</td> <td>0</td> <td>4</td> <td>BAITE101 BACSE103 BAECE104 BAEVD102</td> </tr> <tr> <td>BAITE411</td> <td>Advanced Java Programming</td> <td>3</td> <td>0</td> <td>2</td> <td>4</td> <td>BACSE102</td> </tr> </tbody> </table> <p style="text-align: right;"><i>(Annexure 40)</i></p> <p>The Academic Council considered and approved the same.</p>						Open Electives							Course Code	Course Title	L	T	P	C	Prerequisite	BAITE314	System Design	3	1	0	4	BACSE102	BAITE315	Quantum Computing	3	1	0	4	BAPHY105	BAITE316	Cloud Computing	3	1	0	4	BAITE201 BACSE106	BAITE317	Embedded Systems and IoT	3	1	0	4	BAITE101 BACSE103 BAECE104 BAEVD102	BAITE409	Large-Scale Data Analytics	3	1	0	4	BAITE202 BACSE209	BAITE410	High Performance Computing	3	1	0	4	BAITE101 BACSE103 BAECE104 BAEVD102	BAITE411	Advanced Java Programming	3	0	2	4	BACSE102
Open Electives																																																																					
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BAITE317	Embedded Systems and IoT	3	1	0	4	BAITE101 BACSE103 BAECE104 BAEVD102																																																															
BAITE409	Large-Scale Data Analytics	3	1	0	4	BAITE202 BACSE209																																																															
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BAITE411	Advanced Java Programming	3	0	2	4	BACSE102																																																															
Item 80/44	<p><b>To consider and approve the course contents for Bachelor of Technology in Computer Science and Engineering (Cybersecurity) programme.</b></p> <p>The curriculum was approved in the 77th meeting of the Academic Council held on 13th March 2025 [Item No. 77/4.24].</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>Course Code</th> <th>Course Title</th> <th>L</th> <th>T</th> <th>P</th> <th>C</th> <th>Prerequisite</th> </tr> </thead> <tbody> <tr> <td colspan="7" style="text-align: center;"><b>Additional Concentration – Cyber Security and Forensics</b></td> </tr> <tr> <td>BACSE337</td> <td>Network Forensics</td> <td>3</td> <td>1</td> <td>0</td> <td>4</td> <td>BACSE203</td> </tr> </tbody> </table>						Course Code	Course Title	L	T	P	C	Prerequisite	<b>Additional Concentration – Cyber Security and Forensics</b>							BACSE337	Network Forensics	3	1	0	4	BACSE203																																										
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<b>Additional Concentration – Cyber Security and Forensics</b>																																																																					
BACSE337	Network Forensics	3	1	0	4	BACSE203																																																															

BACSE338	Cyber Security Analytics	3	1	0	4	BACSE203
BACSE412	Advanced Cryptography and Network Security	3	1	0	4	BACSE319
BACSE413	Applied Forensics and Threat Analytics	3	1	0	4	NIL
BACSE414	Criminology and Cyber Law	3	1	0	4	NIL

(Annexure 41)

The Academic Council considered and approved the same.

Item 80/45 To consider and approve the course contents for Bachelor of Technology in Health Sciences and Technology programme applicable for 2024-25 batch onwards (CBCS).

The curriculum was approved in the 73<sup>rd</sup> meeting of the Academic Council held on 14<sup>th</sup> March 2024 [Item No. 73/5].

Discipline Core Courses						
Course Code	Course Title	L	T	P	C	Prerequisite
BHST305L	Biomanufacturing	3	0	0	3	BHST301L
BHST307L	Genetics and Evolution	3	0	0	3	BLFS100N
BHST308L	Microbiology and Pathology	3	0	0	3	BLFS100N
BHST308P	Microbiology and Pathology Lab	0	0	2	1	BLFS100N
BHST309L	Fundamentals of Clinical Trials	2	0	0	2	BHST205L
Discipline Electives						
BHST401L	Medtech Entrepreneurship	3	0	0	3	NIL
BHST402L	Cell and Gene Therapy	3	0	0	3	BHST301L
BHST404L	Regenerative Engineering	3	0	0	3	NIL
BHST405L	Drug Design and Discovery	3	0	0	3	BCHY101L
BHST414L	Advanced AI and ML in Healthcare	3	0	0	3	NIL

(Annexure 42)

The Academic Council considered and approved the same.

Item 80/46 To consider and approve the course contents for Bachelor of Technology in Health Sciences and Technology programme.

The curriculum was approved in the 77<sup>th</sup> meeting of the Academic Council held on 13<sup>th</sup> March 2025 [Item No. 77/4.18].

Course Code	Course Title	L	T	P	C	Prerequisite
Concentration						
Medical Device Engineering and Intelligent Systems						
BAHST303	Image Processing and Data Analysis	3	0	2	4	NIL
BAHST306	Preclinical and Clinical Trial Design for Medical Devices	3	1	0	4	NIL

Additional Concentrations																																																
Regenerative Medicine and Biotherapeutics																																																
BAHST308	Tissue Engineering and Regenerative Medicine	3	0	2	4	BAHST202																																										
BAHST310	Bioinspired Engineering and Biomimetic Technologies	3	1	0	4	NIL																																										
Digital Health, Neurotechnology, and Immersive Systems																																																
BAHST313	Virtual Reality and Immersive Technologies in Healthcare	3	0	2	4	NIL																																										
BAHST314	Brain-Computer Interfaces and Assistive Neurotechnologies	3	0	2	4	BAHST205																																										
<i>(Annexure 43)</i>																																																
The Academic Council considered and approved the same.																																																
Item 80/47	<p>To consider and approve the course contents for Integrated Master of Science in Physics programme.</p> <p>The curriculum was approved in the 66th meeting of the Academic Council held on 16th June 2022 [Item No. 66/5].</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th colspan="7">Skill Enhancement Elective Course</th> </tr> <tr> <th>Course Code</th> <th>Course Title</th> <th>L</th> <th>T</th> <th>P</th> <th>C</th> <th>Prerequisite</th> </tr> </thead> <tbody> <tr> <td>TPHY202P</td> <td>Analytical Instrumentation Lab</td> <td>0</td> <td>0</td> <td>4</td> <td>2</td> <td>NIL</td> </tr> <tr> <th colspan="7">Open Electives</th> </tr> <tr> <td>TPHY313L</td> <td>Artificial Intelligence</td> <td>3</td> <td>0</td> <td>0</td> <td>3</td> <td>NIL</td> </tr> <tr> <td>TPHY315L</td> <td>Machine Learning</td> <td>3</td> <td>0</td> <td>0</td> <td>3</td> <td>NIL</td> </tr> </tbody> </table> <p style="text-align: right;"><i>(Annexure 44)</i></p> <p>The Academic Council considered and approved the same.</p>						Skill Enhancement Elective Course							Course Code	Course Title	L	T	P	C	Prerequisite	TPHY202P	Analytical Instrumentation Lab	0	0	4	2	NIL	Open Electives							TPHY313L	Artificial Intelligence	3	0	0	3	NIL	TPHY315L	Machine Learning	3	0	0	3	NIL
Skill Enhancement Elective Course																																																
Course Code	Course Title	L	T	P	C	Prerequisite																																										
TPHY202P	Analytical Instrumentation Lab	0	0	4	2	NIL																																										
Open Electives																																																
TPHY313L	Artificial Intelligence	3	0	0	3	NIL																																										
TPHY315L	Machine Learning	3	0	0	3	NIL																																										
Item 80/48	<p>To consider and approve the course contents for Integrated Master of Technology in Software Engineering programme.</p> <p>The curriculum was approved in the 78th meeting of the Academic Council held on 12th June 2025 [Item No. 78/28].</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th colspan="7">Professional Core Courses</th> </tr> <tr> <th>Course Code</th> <th>Course Title</th> <th>L</th> <th>T</th> <th>P</th> <th>C</th> <th>Prerequisite</th> </tr> </thead> <tbody> <tr> <td>IASWE401</td> <td>System Design</td> <td>3</td> <td>1</td> <td>0</td> <td>4</td> <td>NIL</td> </tr> <tr> <th colspan="7">Professional Elective Courses</th> </tr> <tr> <td>IASWE310</td> <td>Soft Computing</td> <td>3</td> <td>1</td> <td>0</td> <td>4</td> <td>NIL</td> </tr> <tr> <td>IASWE311</td> <td>Machine Learning</td> <td>3</td> <td>0</td> <td>2</td> <td>4</td> <td>NIL</td> </tr> </tbody> </table>						Professional Core Courses							Course Code	Course Title	L	T	P	C	Prerequisite	IASWE401	System Design	3	1	0	4	NIL	Professional Elective Courses							IASWE310	Soft Computing	3	1	0	4	NIL	IASWE311	Machine Learning	3	0	2	4	NIL
Professional Core Courses																																																
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IASWE401	System Design	3	1	0	4	NIL																																										
Professional Elective Courses																																																
IASWE310	Soft Computing	3	1	0	4	NIL																																										
IASWE311	Machine Learning	3	0	2	4	NIL																																										

IASWE312	Natural Language Processing	3	1	0	4	NIL
IASWE313	Computer Vision	3	0	2	4	NIL
IASWE314	Deep Learning	3	0	2	4	NIL
IASWE315	Reinforcement Learning	3	1	0	4	NIL
IASWE316	Software Configuration Management	3	1	0	4	IASWE102
IASWE402	Blockchain Technologies	3	0	2	4	NIL
IASWE403	Cyber Security	3	0	2	4	NIL
IASWE404	Data Analytics	3	1	0	4	NIL
IASWE405	Quantum Computing	3	1	0	4	NIL
IASWE406	Embedded Systems and IoT	3	0	2	4	NIL
IASWE408	Formal languages and Automata theory	3	1	0	4	NIL
IASWE409	Advanced Software Engineering	3	1	0	4	NIL
IASWE410	Industry 5.0 and Software Systems	3	1	0	4	NIL
IASWE411	Cloud-Native Engineering	3	0	2	4	NIL
IASWE413	Agentic AI	3	1	0	4	IASWE205
IASWE414	Gen AI and Large Language Models	3	1	0	4	NIL

(Annexure 45)

The Academic Council considered and approved the same.

Item  
80/49

To consider and approve the course contents for Master of Computer Applications programme.

The curriculum was approved in the 78th meeting of the Academic Council held on 12th June 2025 [Item No. 78/24].

Professional Elective Course						
Course Code	Course Title	L	T	P	C	Prerequisite
PAMCA608	System Design	3	1	0	4	NIL

(Annexure 46)

The Academic Council considered and approved the same.

Item  
80/50

To consider and approve the course contents for Master of Science in Artificial Intelligence and Machine Learning programme.

The curriculum was approved in the 78th meeting of the Academic Council held on 12th June 2025 [Item No. 78/4].

Professional Elective Courses						
Course Code	Course Title	L	T	P	C	Prerequisite
PAAML608	Machine Learning Systems Design	3	1	0	4	NIL
PAAML609	Software Engineering	3	1	0	4	NIL

(Annexure 47)

The Academic Council considered and approved the same.

Item  
80/51

To consider and approve the revised Programme Educational Objectives [PEOs], Programme Outcomes [POs], Programme Specific Outcomes [PSOs], change in course title, change in component credits and course contents for Bachelor of Design in Industrial Design programme.

The curriculum was approved in the 72<sup>nd</sup> meeting of the Academic Council held on 13<sup>th</sup> December 2023 [Item No. 72/15].

**Change in Course Title:**

Discipline Electives						
Course Code	Existing Course Title	Proposed Course Title	L	T	P	C
BBDE316E	Artificial Intelligence	Artificial Intelligence for Designers	2	0	2	3
BBDE405P	Advanced 3D Modelling and Simulation Techniques (VR and AR)	Advanced 3D Modelling AR/VR	0	0	8	4

**Change in Component Credit:**

Discipline Core Courses										
Course Title	Existing	Proposed	Existing				Proposed			
	Course Code	Course Code	L	T	P	C	L	T	P	C
Product Semantics	BBDE301E	BBDE301P	2	0	2	3	0	0	6	3
Electricals and Electronics	BBDE302L	BBDE302P	2	0	0	2	0	0	4	2
Product Presentation and Portfolio Making	BBDE401L	BBDE401P	2	0	0	2	0	0	4	2
Discipline Electives										
Product Branding	BBDE310E	BBDE310P	2	0	2	3	0	0	6	3
Design for Sustainability	BBDE311E	BBDE311P	2	0	2	3	0	0	6	3
Visual Syntactics	BBDE312E	BBDE312P	2	0	2	3	0	0	6	3
Inclusive Design	BBDE313E	BBDE313P	2	0	2	3	0	0	6	3
Artificial Intelligence for Designers	BBDE316E	BBDE316P	2	0	2	3	0	0	6	3
Mobility Design	BBDE407P	BBDE407P	0	0	6	3	0	0	8	4

**Course Contents:**

Discipline Core Courses						
Course Code	Course Title	L	T	P	C	Prerequisite
BBDE301P	Product Semantics	0	0	6	3	NIL
BBDE302P	Electricals and Electronics	0	0	4	2	NIL
BBDE303P	User Experience Design	0	0	6	3	NIL
BBDE304P	Motion and Transmission	0	0	6	3	NIL
BBDE305P	Packaging Design	0	0	4	2	BBDE110P
BBDE306P	Techno-Aesthetic Detailing	0	0	8	4	NIL
BBDE307P	Technically Complex Product Design	0	0	8	4	BBDE206P
BBDE308P	Interaction Design	0	0	8	4	BBDE303P
BBDE401P	Product Presentation and Portfolio Making	0	0	4	2	NIL
BBDE402L	Start up and Entrepreneurship	2	0	0	2	NIL
BBDE403P	System Design	0	0	8	4	BBDE110P
Discipline Electives						
BBDE309P	Toy Design	0	0	6	3	BBDE110P
BBDE310P	Product Branding	0	0	6	3	BBDE109P
BBDE311P	Design for Sustainability	0	0	6	3	BBDE206P
BBDE312P	Visual Syntactics	0	0	6	3	BBDE102L
BBDE313P	Inclusive Design	0	0	6	3	BBDE206P
BBDE314E	Technical Graphics	2	0	2	3	NIL
BBDE315E	Ethnographic Research	2	0	2	3	BBDE110P
BBDE316P	Artificial Intelligence for Designers	0	0	6	3	NIL
BBDE404P	Smart Product Design	0	0	6	3	NIL
BBDE405P	Advanced 3D Modelling	0	0	8	4	BBDE202P
BBDE406P	Product Photography	0	0	8	4	NIL
BBDE407P	Mobility Design	0	0	8	4	BBDE206P
BBDE408P	Exhibition Design	0	0	8	4	NIL
BBDE409P	Advanced Computer Aided Design	0	0	8	4	BBDE202P
BBDE410P	Artefacts Design	0	0	8	4	BBDE301E
BBDE411P	Mechatronics and Robotics	0	0	8	4	NIL
BBDE412P	Nature Inspired Design	0	0	6	3	BBDE206P
BBDE413P	Retail and Space Design	0	0	8	4	BBDE102L
BBDE414P	Healthcare Product Design	0	0	8	4	BBDE206P
BBDE491J	Design Project for Social Concern	0	0	0	5	NIL
BBDE492J	Design Project for Special Needs	0	0	0	5	BBDE206P
BBDE493J	Design Project for services	0	0	0	5	NIL
BBDE494J	Collaborative Design Project	0	0	0	5	BBDE110P
Project and Internship						
BBDE399J	Summer Internship	0	0	0	2	NIL
BBDE499J	Graduation Project	0	0	0	20	NIL

*(Annexure 48)*

The Academic Council considered and approved the same.

Item 80/52 To consider and approve the revised Programme Educational Objectives [PEOs], Programme Outcomes [POs], Programme Specific Outcomes [PSOs] and course contents for Master of Design in Industrial Design programme.

The curriculum was approved in the 72<sup>nd</sup> meeting of the Academic Council held on 13<sup>th</sup> December 2023 [Item No. 72/16].

**Discipline Electives**

Course Code	Course Title	L	T	P	C	Prerequisite
MMDE604P	Exhibition Design	0	0	4	2	NIL
MMDE605P	Artefacts Design	0	0	4	2	MMDE510P
MMDE613P	Retail and Space Design	0	0	4	2	MMDE501P
MMDE615P	Design for Defence	0	0	4	2	NIL
MMDE616P	Inclusive Design	0	0	4	2	MMDE509P
MMDE620P	Design for Special Needs	0	0	4	2	MMDE501E
MMDE621P	Design for Services	0	0	4	2	MMDE505P
MMDE622P	Collaborative Design	0	0	4	2	NIL

(Annexure 49)

The Academic Council considered and approved the same.

Item  
80/53

To consider and approve the revised Programme Educational Objectives [PEOs], Programme Outcomes [POs], Programme Specific Outcomes [PSOs] and course contents for Bachelor of Science in Multimedia and Animation programme.

The curriculum was approved in the 69<sup>th</sup> meeting of the Academic Council held on 16<sup>th</sup> March 2023 [Item No. 69/18].

**Discipline Core Courses**

Course Code	Course Title	L	T	P	C	Prerequisite
UMMA401P	Motion Graphics	0	0	8	4	UMMA205P
UMMA402L	Media Startup and Entrepreneurship	3	1	0	4	NIL
UMMA403P	Pre-Visualization for Production	0	0	8	4	UMMA105P
UMMA404P	Matte Painting	0	0	8	4	UMMA101P
UMMA405P	Media and Social Responsibility	0	0	8	4	NIL

**Discipline Electives**

UMMA406P	Event Photography	0	0	8	4	UMMA106P
UMMA407P	Commercial Photography	0	0	8	4	UMMA106P
UMMA408P	Advance Graphic Design	0	0	8	4	UMMA104P
UMMA409P	Advance User Interface and User Experience	0	0	8	4	UMMA311P
UMMA410P	Advance Game Development	0	0	8	4	UMMA206P
UMMA411P	3D Game Prototyping	0	0	8	4	UMMA206P
UMMA412P	Advance Compositing	0	0	8	4	UMMA205P
UMMA413P	Dynamics and Simulation	0	0	8	4	NIL
UMMA414P	Digital Intermediate and Color Grading	0	0	8	4	UMMA202P
UMMA415P	Advance Film Making	0	0	8	4	UMMA307P
UMMA416P	Acting for Animation	0	0	8	4	UMMA302P
UMMA417P	Body Mechanics for Animation	0	0	8	4	UMMA302P
UMMA418P	Life Study and Character Design	0	0	8	4	UMMA101P
UMMA419P	Advanced 3D Modeling	0	0	8	4	UMMA204P

	UMMA420P	Digital Media Management	0	0	8	4	NIL
	UMMA421P	Film Appreciation	0	0	8	4	NIL
	UMMA422P	New Media Art	0	0	8	4	NIL
<b>Project and Internship</b>							
	UMMA499J	Research Project/ Dissertation	0	0	0	12	NIL
<i>(Annexure 50)</i>							
<b>The Academic Council considered and approved the same.</b>							
Item 80/54	<b>To consider and approve the revised Programme Educational Objectives [PEOs], Programme Outcomes [POs], Programme Specific Outcomes [PSOs] and course contents for Bachelor of Science in Visual Communication programme.</b>						
<b>The curriculum was approved in the 69<sup>th</sup> meeting of the Academic Council held on 16<sup>th</sup> March 2023 [Item No. 69/19].</b>							
<b>Discipline Core Courses</b>							
	Course Code	Course Title	L	T	P	C	Prerequisite
	UBVI401P	Media and Social Responsibility	0	0	8	4	NIL
	UBVI402P	Online Journalism	0	0	4	2	NIL
	UBVI403P	Multidisciplinary Art	0	0	8	4	UBVI1101P UBVI1107P
	UBVI404L	Media Startup and Entrepreneurship	3	0	0	3	NIL
	UBVI405L	Development Communication	3	0	0	3	NIL
	UBVI406P	Immersive Video Production	0	0	8	4	UBVI207P
<b>Discipline Electives</b>							
	UBVI213L	Instructional Design	3	0	0	3	NIL
	UBVI407P	Social Photography	0	0	8	4	UBVI201P
	UBVI408P	Studio Photography	0	0	8	4	UBVI201P
	UBVI409P	Digital Intermediate and Color Grading	0	0	8	4	UBVI208P
	UBVI410P	Visual Effects	0	0	8	4	NIL
	UBVI411P	Visual Storytelling	0	0	8	4	NIL
	UBVI412P	Set Design	0	0	8	4	UBVI308P
	UBVI413P	Information Graphics	0	0	8	4	UBVI1108P
	UBVI414P	Broadcast Design	0	0	8	4	UBVI204P
	UBVI415E	Public Relations Campaign	2	0	4	4	NIL
	UBVI416E	Visual Anthropology and Ethnographic Research	2	0	4	4	NIL
	UBVI417P	Sound Design	0	0	8	4	UBVI303P
	UBVI418P	Digital Marketing	0	0	8	4	UBVI1106L
	UBVI419E	Media Anchoring	2	0	4	4	NIL
<b>Project and Internship</b>							
	UBVI499J	Research Project/ Dissertation	0	0	0	12	NIL
<i>(Annexure 51)</i>							
<b>The Academic Council considered and approved the same.</b>							

Item  
80/55

To consider and approve the course contents for Bachelor of Business Administration (Financial Analytics) programme.

The curriculum was approved in the 77th meeting of the Academic Council held on 13th March 2025 [Item No. 77/11].

Discipline Core Courses						
Course Code	Course Title	L	T	P	C	Prerequisite
UMAT104L	Calculus for Business and Management	3	1	0	4	NIL
UBBA117L	Economics II	3	1	0	4	UBBA116L
UBBA118L	Applied Financial Management	3	1	0	4	UBBA104L
UBBA122L	Organisation Behaviour and Human Resource Management	4	0	0	4	NIL
UBBA123L	Strategic Management	3	1	0	4	NIL
UBBA215L	Management Information Systems	3	0	0	3	NIL
UBBA216L	Advanced Tools for MIS	1	0	4	3	NIL
UBBA217L	Management Science	2	0	2	3	NIL
UBBA218L	Managerial Accounting	3	1	0	4	NIL
UBBA219L	Marketing Management	3	0	0	3	NIL
UBBA220L	Applied Corporate Finance	3	1	0	4	UBBA118L
UBBA310L	Taxation	3	1	0	4	NIL
UBBA311L	Securities Markets Regulation and Compliance	4	0	0	4	NIL
UBBA312L	International Economics	3	1	0	4	UBBA117L
UBBA398J	Financial Analytics Project	0	0	0	4	NIL
Discipline Elective Courses						
UBBA124E	Financial Econometrics	2	0	2	3	UBBA120L
UBBA125E	Financial Data Science and Analytics	3	0	2	4	UBBA120L
UBBA126L	Financial Reporting and Standards	3	1	0	4	UBBA104L
UBBA221E	Security Analysis and Portfolio Management	3	0	2	4	NIL
UBBA222L	Financial Technology	3	0	0	3	NIL
UBBA313E	Financial Modeling	2	0	2	3	UBBA218L
UBBA314E	Artificial Intelligence in Finance	3	0	2	4	NIL
UBBA315L	Banking and Financial Services	4	0	0	4	NIL
UBBA316E	Financial Statement Analysis	2	0	2	3	UBBA104L
UBBA317L	Global Interdependencies	4	0	0	4	NIL
UBBA418L	Fixed Income Securities	3	0	0	3	UBBA305L
UBBA419E	Trading Strategies	2	0	2	3	UBBA221E
UBBA420L	Financial Risk Management	2	1	0	3	NIL
UBBA421L	Personal Finance and Wealth Management	3	0	0	3	NIL
Open Elective						
UBBA318L	Global Diversity	3	0	0	3	NIL
Skill Enhancement Course						
UBBA114E	Accounting Software	1	0	4	3	UBBA218L

(Annexure 52)

The Academic Council considered and approved the same.

Item 80/56	<p><b>To consider and approve the introduction of new basket for Math courses and introduction of a new course and its course content in Bachelor of Business Administration.</b></p> <p>The curriculum was approved in the 72nd meeting of the Academic Council held on 13th December 2023 [Item No.72/57].</p> <p>The students who are not opting for RIT 2+2 can choose this course. Students opting for RIT 2+2 will be doing the existing course “UBBH105L -Calculus and Probability” from the basket.</p>							
Course Code		Course Title		L	T	P	C	Prerequisite
<b>Discipline Core Course</b>								
UBBH321L	Application of Mathematics in Business		3	1	0	4	NIL	
								<i>(Annexure 53)</i>
The Academic Council considered and approved the same.								

Item 80/57	<p><b>To consider and approve the Programme Specific Outcomes [PSO] and the course contents for Integrated Master of Technology in Computer Science and Engineering programme (Collaboration with Virtusa)..</b></p> <p>The curriculum was approved in the 78th meeting of the Academic Council held on 12th June 2025 [Item No. 78.26].</p>							
Course Code		Course Title		L	T	P	C	Prerequisite
<b>Professional Core Courses</b>								
IACSI101	Data Structures and Algorithms		3	0	2	4	NIL	
IACSI201	Design and Analysis of Algorithms		3	0	2	4	IACSI101	
IACSI203	Computer Organization and Architecture		3	1	0	4	IACSI202	
IACSI204	Database Systems Design		3	0	2	4	NIL	
IACSI205	Operating System Fundamentals		3	0	2	4	NIL	
IACSI206	Internet and Web Programming		2	0	4	4	NIL	
IACSI302	Data Communication and Computer Networks		3	0	2	4	NIL	
IACSI303	IoT and Embedded Systems		3	0	2	4	IACSI301	
IACSI304	Cryptography and Cyber Security		3	0	2	4	IACSI302	
IACSI305	Artificial Intelligence and Machine Learning		3	0	2	4	NIL	
IACSI306	Software Engineering Principles and Practices		3	0	2	4	NIL	
IACSI308	Formal Languages and Automata Theory		3	1	0	4	NIL	
IACSI401	Cloud Computing Technologies		3	0	2	4	NIL	
IACSI307	Front End Design and Testing		3	0	2	4	NIL	
IACSI309	Advanced Server Side Programming		3	0	2	4	IACSE102	

IACSI402	Application Development and Deployment Architecture	3	0	2	4	IACSI309
IACSI403	Software Application Architecture	3	1	0	4	IACSI309
<b>Professional Elective Courses</b>						
IACSI310	Natural Language Processing	3	0	2	4	NIL
IACSI311	Foundations of Blockchain Technology	3	0	2	4	NIL
IACSI312	Blockchain Architecture	3	1	0	4	NIL
IACSI313	GPU Architectures and Programming	3	1	0	4	NIL
IACSI314	Software Defined Networking	3	1	0	4	NIL
IACSI404	Deep Learning	3	0	2	4	NIL
IACSI405	MLOps	3	0	2	4	NIL
IACSI406	Gen AI and Large Language Models	3	0	2	4	NIL
IACSI407	Agentic AI	3	0	2	4	NIL
IAMDI405	Machine Learning for Data Science	3	0	2	4	NIL
IAMDI406	Distributed Systems	3	1	0	4	NIL
IAMDI407	Exploratory Data Analysis	3	0	2	4	NIL
IAMDI408	Statistical Inference	3	0	2	4	NIL
IAMDI409	Predictive Analytics	3	1	0	4	NIL
IAMDI410	Healthcare Data Analytics	3	1	0	4	NIL
IAMDI411	Financial Data Analytics	3	0	2	4	NIL
IAMDI412	Advanced Data Visualization Techniques	3	0	2	4	NIL
IAMDI413	Advanced Data Compression Techniques	3	0	2	4	NIL
IAMDI414	Computer Vision	3	0	2	4	NIL

(Annexure 54)

The Academic Council considered and approved the same.

Item  
80/58

To consider and approve the Programme Specific Outcomes [PSO] and the course contents for Integrated Master of Technology in Computer Science and Engineering (Data Science) programme.

The curriculum was approved in the 78th meeting of the Academic Council held on 12th June 2025 [Item No. 78.27].

Course Code	Course Title	L	T	P	C	Prerequisite
<b>Professional Core Courses</b>						
IACSI101	Data Structures and Algorithms	3	0	2	4	NIL
IACSI201	Design and Analysis of Algorithms	3	0	2	4	IACSI101
IACSI203	Computer Organization and Architecture	3	1	0	4	IACSI202
IACSI204	Database Systems Design	3	0	2	4	NIL
IACSI205	Operating System Fundamentals	3	0	2	4	NIL
IACSI206	Internet and Web Programming	2	0	4	4	NIL
IACSI302	Data Communication and Computer Networks	3	0	2	4	NIL
IACSI303	IoT and Embedded Systems	3	0	2	4	IACSI301
IACSI304	Cryptography and Cyber Security	3	0	2	4	IACSI302

IACSI305	Artificial Intelligence and Machine Learning	3	0	2	4	NIL
IACSI306	Software Engineering Principles and Practices	3	0	2	4	NIL
IACSI308	Formal Languages and Automata Theory	3	1	0	4	NIL
IACSI401	Cloud Computing Technologies	3	0	2	4	NIL
IAMDI401	Programming for Data Science	3	0	2	4	NIL
IAMDI402	Data Visualization	3	0	2	4	NIL
IAMDI403	Data Mining	3	0	2	4	IACSI204
IAMDI404	Soft Computing Techniques	3	1	0	4	NIL
<b>Professional Elective Courses</b>						
IAMDI405	Machine Learning for Data Science	3	0	2	4	NIL
IAMDI406	Distributed Systems	3	1	0	4	NIL
IAMDI407	Exploratory Data Analysis	3	0	2	4	NIL
IAMDI408	Statistical Inference	3	0	2	4	NIL
IAMDI409	Predictive Analytics	3	1	0	4	NIL
IAMDI410	Healthcare Data Analytics	3	1	0	4	NIL
IAMDI411	Financial Data Analytics	3	0	2	4	NIL
IAMDI412	Advanced Data Visualization Techniques	3	0	2	4	NIL
IAMDI413	Advanced Data Compression Techniques	3	0	2	4	NIL
IAMDI414	Computer Vision	3	0	2	4	NIL
IACSI404	Deep Learning	3	0	2	4	NIL
IACSI405	MLOPs	3	0	2	4	NIL
IACSI406	Gen AI and Large Language Models	3	0	2	4	NIL
IACSI407	Agentic AI	3	0	2	4	NIL

(Annexure 55)

The Academic Council considered and approved the same.

Item 80/59

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

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

Course Code	Name of the Course	L	T	P	C	Pre-Requisite
<b>University Core Courses</b>						
BAFST291	Innovative Design Project	0	0	4	2	NIL
BAFST391	Research / Design Project	0	0	6	3	NIL
BAFST491	Technical Answers for Real World Problems	1	0	4	3	NIL
BAFST399	Internship I	0	0	2	1	NIL
BAFST499	Internship II / Capstone Project	0	0	12	6	NIL
<b>Programme Core Courses</b>						
BAFST201	Fashion Illustration	0	0	8	4	BAFST101
BAFST202	Textile Processing and Finishing	3	0	2	4	BAFST102

BAFST203	Pattern Making and Garment Construction I	2	0	4	4	NIL
BAFST204	History of Fashion and Traditional Textiles	2	0	4	4	NIL
BAFST205	Sports and Recreational Textiles	3	0	2	4	BAFST102
BAFST206	Pattern Making and Garment Construction II	2	0	4	4	BAFST203
BAFST207	Visual Design and AI Integration	0	0	8	4	BAFST206
<b>Concentration</b>						
<b>Apparel Manufacturing Process</b>						
BAFST306	Apparel Production Planning	4	0	0	4	NIL
BAFST307	Industrial Engineering in Apparel Manufacturing	3	1	0	4	NIL
BAFST308	Apparel Merchandising and Manufacturing	4	0	0	4	NIL
BAFST309	Textile and Apparel Quality Evaluation	2	0	4	4	BAFST102
BAFST310	Facility Audit and Lean Manufacturing	4	0	0	4	NIL
<b>Additional Concentrations</b>						
<b>Fashion Design and Development</b>						
BAFST301	Couture Fashion Design and Construction	2	0	4	4	NIL
BAFST302	Fashion Psychology	4	0	0	4	NIL
BAFST303	Trend Spotting and Forecasting	3	0	2	4	NIL
BAFST304	Photography and Styling for Fashion	3	0	2	4	NIL
BAFST305	Costume Design	2	0	4	4	NIL
<b>Functional Textiles and its Application</b>						
BAFST311	Functional and Intuitive Clothing	4	0	0	4	NIL
BAFST312	Materials in Sports Apparel and Equipment	4	0	0	4	NIL
BAFST313	Coated and Laminated Textiles	4	0	0	4	BAFST102
BAFST314	Total Quality Inspection and Evaluation	4	0	0	4	NIL
BAFST315	Comfort Properties of Sports Textiles	4	0	0	4	NIL
<b>Global Fashion Sourcing and Retail</b>						
BAFST316	Global Fashion Marketing and Merchandising	4	0	0	4	NIL
BAFST317	Fashion Omnichannel	4	0	0	4	NIL
BAFST318	Supply Chain Management in Fashion	4	0	0	4	NIL
BAFST319	Visual Merchandising and Experience	4	0	0	4	NIL
BAFST320	Fashion Brand Positioning	4	0	0	4	NIL
<b>Apparel Product Development</b>						
BAFST321	Tech Pack and its Specification	3	0	2	4	NIL
BAFST322	Leather Accessories and Apparel	4	0	0	4	NIL
BAFST323	Fashion Accessories	2	0	4	4	NIL
BAFST324	Sustainable Attributes in Apparel	4	0	0	4	NIL
BAFST325	Intelligent Textiles and Smart Clothing	3	0	2	4	NIL

(Annexure 56)

The Academic Council considered and approved the same.

Item 80/60	<p><b>To consider and approve the course content for Bachelor of Technology in Electrical and Electronics Engineering programme.</b></p> <p><b>The curriculum was approved in the 77th meeting of the Academic Council held on 13<sup>th</sup> March 2025 [Item No. 77/4.11].</b></p>																																																																																																																																			
	<table border="1"> <thead> <tr> <th>Course Code</th> <th>Course Title</th> <th>L</th> <th>T</th> <th>P</th> <th>C</th> <th>Prerequisite</th> </tr> </thead> <tbody> <tr> <td colspan="7" style="text-align: center;"><b>Programme Core Courses</b></td> </tr> <tr> <td>BAEEE103</td> <td>Analog Electronics</td> <td>3</td> <td>0</td> <td>2</td> <td>4</td> <td>BAEEE101</td> </tr> <tr> <td>BAEEE201</td> <td>Digital Electronics</td> <td>3</td> <td>0</td> <td>2</td> <td>4</td> <td>BAEEE101</td> </tr> <tr> <td>BAEEE202</td> <td>Control Systems</td> <td>3</td> <td>0</td> <td>2</td> <td>4</td> <td>BAMAT101</td> </tr> <tr> <td>BAEEE203</td> <td>Microcontrollers and Embedded Programming</td> <td>3</td> <td>0</td> <td>2</td> <td>4</td> <td>BAEEE201/BAECE104</td> </tr> <tr> <td>BAEEE204</td> <td>Electromagnetic Field Theory</td> <td>3</td> <td>1</td> <td>0</td> <td>4</td> <td>NIL</td> </tr> <tr> <td>BAEEE205</td> <td>Power Systems Engineering</td> <td>3</td> <td>1</td> <td>0</td> <td>4</td> <td>BAEEE102</td> </tr> <tr> <td>BAEEE206</td> <td>Electrical Machines</td> <td>3</td> <td>0</td> <td>2</td> <td>4</td> <td>BAEEE102</td> </tr> <tr> <td>BAEEE207</td> <td>Measurements and Instrumentation</td> <td>3</td> <td>0</td> <td>2</td> <td>4</td> <td>BAEEE102</td> </tr> <tr> <td>BAEEE301</td> <td>Power Electronics</td> <td>3</td> <td>0</td> <td>2</td> <td>4</td> <td>BAEEE102</td> </tr> <tr> <td colspan="7" style="text-align: center;"><b>Concentration</b></td> </tr> <tr> <td colspan="7" style="text-align: center;"><b>Electrical and Electronic Systems</b></td> </tr> <tr> <td>BAEEE302</td> <td>Digital Signal Processing</td> <td>3</td> <td>0</td> <td>2</td> <td>4</td> <td>BAEEE102</td> </tr> <tr> <td>BAEEE303</td> <td>Electric Drives</td> <td>3</td> <td>0</td> <td>2</td> <td>4</td> <td>BAEEE301</td> </tr> <tr> <td>BAEIE303</td> <td>VLSI Design</td> <td>3</td> <td>0</td> <td>2</td> <td>4</td> <td>BAEEE201/BAECE104</td> </tr> <tr> <td>BAEEE306</td> <td>Artificial Intelligence and Machine Learning for Electrical Applications</td> <td>3</td> <td>0</td> <td>2</td> <td>4</td> <td>BAMAT202</td> </tr> <tr> <td>BAEEE401</td> <td>Power System Analysis</td> <td>3</td> <td>0</td> <td>2</td> <td>4</td> <td>BAEEE205</td> </tr> </tbody> </table> <p style="text-align: right;"><i>(Annexure 57)</i></p> <p><b>The Academic Council considered and approved the same.</b></p>							Course Code	Course Title	L	T	P	C	Prerequisite	<b>Programme Core Courses</b>							BAEEE103	Analog Electronics	3	0	2	4	BAEEE101	BAEEE201	Digital Electronics	3	0	2	4	BAEEE101	BAEEE202	Control Systems	3	0	2	4	BAMAT101	BAEEE203	Microcontrollers and Embedded Programming	3	0	2	4	BAEEE201/BAECE104	BAEEE204	Electromagnetic Field Theory	3	1	0	4	NIL	BAEEE205	Power Systems Engineering	3	1	0	4	BAEEE102	BAEEE206	Electrical Machines	3	0	2	4	BAEEE102	BAEEE207	Measurements and Instrumentation	3	0	2	4	BAEEE102	BAEEE301	Power Electronics	3	0	2	4	BAEEE102	<b>Concentration</b>							<b>Electrical and Electronic Systems</b>							BAEEE302	Digital Signal Processing	3	0	2	4	BAEEE102	BAEEE303	Electric Drives	3	0	2	4	BAEEE301	BAEIE303	VLSI Design	3	0	2	4	BAEEE201/BAECE104	BAEEE306	Artificial Intelligence and Machine Learning for Electrical Applications	3	0	2	4	BAMAT202	BAEEE401	Power System Analysis	3	0	2	4
Course Code	Course Title	L	T	P	C	Prerequisite																																																																																																																														
<b>Programme Core Courses</b>																																																																																																																																				
BAEEE103	Analog Electronics	3	0	2	4	BAEEE101																																																																																																																														
BAEEE201	Digital Electronics	3	0	2	4	BAEEE101																																																																																																																														
BAEEE202	Control Systems	3	0	2	4	BAMAT101																																																																																																																														
BAEEE203	Microcontrollers and Embedded Programming	3	0	2	4	BAEEE201/BAECE104																																																																																																																														
BAEEE204	Electromagnetic Field Theory	3	1	0	4	NIL																																																																																																																														
BAEEE205	Power Systems Engineering	3	1	0	4	BAEEE102																																																																																																																														
BAEEE206	Electrical Machines	3	0	2	4	BAEEE102																																																																																																																														
BAEEE207	Measurements and Instrumentation	3	0	2	4	BAEEE102																																																																																																																														
BAEEE301	Power Electronics	3	0	2	4	BAEEE102																																																																																																																														
<b>Concentration</b>																																																																																																																																				
<b>Electrical and Electronic Systems</b>																																																																																																																																				
BAEEE302	Digital Signal Processing	3	0	2	4	BAEEE102																																																																																																																														
BAEEE303	Electric Drives	3	0	2	4	BAEEE301																																																																																																																														
BAEIE303	VLSI Design	3	0	2	4	BAEEE201/BAECE104																																																																																																																														
BAEEE306	Artificial Intelligence and Machine Learning for Electrical Applications	3	0	2	4	BAMAT202																																																																																																																														
BAEEE401	Power System Analysis	3	0	2	4	BAEEE205																																																																																																																														
Item 80/61	<p><b>To consider and approve the course content for Bachelor of Technology in Electronics and Instrumentation Engineering programme.</b></p> <p><b>The curriculum was approved in the 77th meeting of the Academic Council held on 13<sup>th</sup> March 2025 [Item No. 77/4.12].</b></p>																																																																																																																																			
	<table border="1"> <thead> <tr> <th>Course Code</th> <th>Course Title</th> <th>L</th> <th>T</th> <th>P</th> <th>C</th> <th>Prerequisite</th> </tr> </thead> <tbody> <tr> <td colspan="7" style="text-align: center;"><b>Programme Core Courses</b></td> </tr> <tr> <td>BAEEE103</td> <td>Analog Electronics</td> <td>3</td> <td>0</td> <td>2</td> <td>4</td> <td>BAEEE101</td> </tr> <tr> <td>BAEEE201</td> <td>Digital Electronics</td> <td>3</td> <td>0</td> <td>2</td> <td>4</td> <td>BAEEE101</td> </tr> <tr> <td>BAEEE202</td> <td>Control Systems</td> <td>3</td> <td>0</td> <td>2</td> <td>4</td> <td>BAMAT101</td> </tr> <tr> <td>BAEEE203</td> <td>Microcontrollers and Applications</td> <td>3</td> <td>0</td> <td>2</td> <td>4</td> <td>BAEEE201</td> </tr> <tr> <td>BAEEE208</td> <td>Probability and Stochastic Processes</td> <td>3</td> <td>1</td> <td>0</td> <td>4</td> <td>NIL</td> </tr> <tr> <td>BAEIE204</td> <td>Signal Processing</td> <td>3</td> <td>0</td> <td>2</td> <td>4</td> <td>BAEIE101</td> </tr> </tbody> </table>							Course Code	Course Title	L	T	P	C	Prerequisite	<b>Programme Core Courses</b>							BAEEE103	Analog Electronics	3	0	2	4	BAEEE101	BAEEE201	Digital Electronics	3	0	2	4	BAEEE101	BAEEE202	Control Systems	3	0	2	4	BAMAT101	BAEEE203	Microcontrollers and Applications	3	0	2	4	BAEEE201	BAEEE208	Probability and Stochastic Processes	3	1	0	4	NIL	BAEIE204	Signal Processing	3	0	2	4	BAEIE101																																																																					
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BAEEE202	Control Systems	3	0	2	4	BAMAT101																																																																																																																														
BAEEE203	Microcontrollers and Applications	3	0	2	4	BAEEE201																																																																																																																														
BAEEE208	Probability and Stochastic Processes	3	1	0	4	NIL																																																																																																																														
BAEIE204	Signal Processing	3	0	2	4	BAEIE101																																																																																																																														

	BAEIE101	Signals and Systems	3	1	0	4	BAMAT101
	BAEIE302	Embedded Systems	3	0	2	4	BAEIE203
	BAEIE303	VLSI Design	3	0	2	4	BAEEEE201
<b>Concentration</b>							
<b>Instrumentation</b>							
	BAEIE102	Sensors and Signal Conditioning	3	0	2	4	BAEEEE103
	BAEIE201	Electrical and Electronic Measurements	3	0	2	4	BAEEEE101
	BAEIE202	Process Control and Automation	3	0	2	4	BAEEEE202
	BAEIE301	Industrial Instrumentation	3	0	2	4	BAEIE102
	BAEIE304	Machine Learning	3	0	2	4	BAMAT202
<i>(Annexure 58)</i>							
<b>The Academic Council considered and approved the same.</b>							
Item 80/62	<b>To consider and approve the course content for the courses for Bachelor of Technology in Electrical and Computer Science Engineering programme.</b>						
<b>The curriculum was approved in the 77th meeting of the Academic Council held on 13<sup>th</sup> March 2025 [Item No. 77/4.16].</b>							
	Course Code	Course Title	L	T	P	C	Prerequisite
<b>Programme Core Courses</b>							
	BAEEEE103	Analog Electronics	3	0	2	4	BAEEEE101
	BAEEEE202	Control Systems	3	0	2	4	BAMAT101
	BAEEEE203	Microcontrollers and Embedded Programming	3	0	2	4	BAEEEE201/ BAECE104
	BAEEEE206	Electrical Machines	3	0	2	4	BAEEEE102
<b>Concentration</b>							
<b>AI Driven Electrical Systems</b>							
	BACSE210	Computer Networks and Security	3	0	2	4	NIL
	BAEEEE208	Probability and Stochastic Processes	3	1	0	4	NIL
	BAEEEE304	Power Electronics and Drives	3	0	2	4	BAEEEE102
	BAEEEE305	Electric Power Systems	3	0	2	4	BAEEEE206
	BAEEEE306	Artificial Intelligence and Machine Learning for Electrical Applications	3	0	2	4	BAMAT202
<i>(Annexure 59)</i>							
<b>The Academic Council considered and approved the same.</b>							

Item 80/63	<p><b>To consider and approve the course content for the courses for Bachelor of Technology in Electrical and Computer Science Engineering programme (CBCS).</b></p> <p>The curriculum was approved in the 70th meeting of the Academic Council held on 24th June 2023 [Item No. 70/10].</p> <table border="1" data-bbox="288 365 1426 745"> <thead> <tr> <th>Course Code</th> <th>Course Title</th> <th>L</th> <th>T</th> <th>P</th> <th>C</th> <th>Prerequisite</th> </tr> </thead> <tbody> <tr> <td colspan="7" style="text-align: center;"><b>Discipline Elective Courses</b></td> </tr> <tr> <td>BEEE313L</td> <td>Microgrid Design</td> <td>3</td> <td>0</td> <td>0</td> <td>3</td> <td>BECS303L</td> </tr> <tr> <td>BEEE313P</td> <td>Microgrid Design Lab</td> <td>0</td> <td>0</td> <td>2</td> <td>1</td> <td>BECS303L</td> </tr> <tr> <td>BECS402L</td> <td>Smart Cities: Trans Disciplinary Perspective</td> <td>3</td> <td>0</td> <td>0</td> <td>3</td> <td>NIL</td> </tr> <tr> <td>BEEE413L</td> <td>Advanced Power System Engineering and Modelling</td> <td>3</td> <td>0</td> <td>0</td> <td>3</td> <td>BEEE203L</td> </tr> </tbody> </table> <p style="text-align: right;"><i>(Annexure 60)</i></p> <p>The Academic Council considered and approved the same.</p>	Course Code	Course Title	L	T	P	C	Prerequisite	<b>Discipline Elective Courses</b>							BEEE313L	Microgrid Design	3	0	0	3	BECS303L	BEEE313P	Microgrid Design Lab	0	0	2	1	BECS303L	BECS402L	Smart Cities: Trans Disciplinary Perspective	3	0	0	3	NIL	BEEE413L	Advanced Power System Engineering and Modelling	3	0	0	3	BEEE203L
Course Code	Course Title	L	T	P	C	Prerequisite																																					
<b>Discipline Elective Courses</b>																																											
BEEE313L	Microgrid Design	3	0	0	3	BECS303L																																					
BEEE313P	Microgrid Design Lab	0	0	2	1	BECS303L																																					
BECS402L	Smart Cities: Trans Disciplinary Perspective	3	0	0	3	NIL																																					
BEEE413L	Advanced Power System Engineering and Modelling	3	0	0	3	BEEE203L																																					
Item 80/64	<p><b>To consider and approve the course content for the courses for Master of Power Electronics and Drives programme.</b></p> <p>The curriculum was approved in the 78th meeting of the Academic Council held on 12<sup>th</sup> June 2025 [Item No. 78/13].</p> <table border="1" data-bbox="288 1144 1426 1451"> <thead> <tr> <th colspan="7" style="text-align: center;"><b>Professional Elective Courses</b></th> </tr> <tr> <th>Course Code</th> <th>Course Title</th> <th>L</th> <th>T</th> <th>P</th> <th>C</th> <th>Prerequisite</th> </tr> </thead> <tbody> <tr> <td>MAPED615</td> <td>Real-Time and Intelligent Embedded Systems</td> <td>3</td> <td>0</td> <td>2</td> <td>4</td> <td>NIL</td> </tr> <tr> <td>MAPED616</td> <td>Power Electronics for Renewable Energy systems</td> <td>3</td> <td>0</td> <td>0</td> <td>3</td> <td>NIL</td> </tr> </tbody> </table> <p style="text-align: right;"><i>(Annexure 61)</i></p> <p>The Academic Council considered and approved the same.</p>	<b>Professional Elective Courses</b>							Course Code	Course Title	L	T	P	C	Prerequisite	MAPED615	Real-Time and Intelligent Embedded Systems	3	0	2	4	NIL	MAPED616	Power Electronics for Renewable Energy systems	3	0	0	3	NIL														
<b>Professional Elective Courses</b>																																											
Course Code	Course Title	L	T	P	C	Prerequisite																																					
MAPED615	Real-Time and Intelligent Embedded Systems	3	0	2	4	NIL																																					
MAPED616	Power Electronics for Renewable Energy systems	3	0	0	3	NIL																																					
Item 80/65	<p><b>To consider and approved the change in credit component for Master of Science in Biomedical Genetics programme.</b></p> <p>The curriculum was approved in the 72<sup>nd</sup> meeting of the Academic Council held on 13<sup>th</sup> December 2025 [Item No. 72/14].</p>																																										

	<b>Discipline Electives</b>										
	<b>Genetic Counseling</b>										
	Course Title	Existing	Proposed	Existing				Proposed			
		Course Code	Course Code	L	T	P	C	L	T	P	C
Clinical Rotation	PBMG615L	PBMG615J	3	0	0	3	0	0	0	3	
<i>(Annexure 62)</i>											
<b>The Academic Council considered and approved the same.</b>											
Item 80/66	<b>To consider and approve the course contents for Doctor of Philosophy in Deep Technology programme.</b>										
<b>Research Course Work</b>											
Course Code	Course Title						L	T	P	C	Prerequisite
PDT001	Market Survey Research						2	0	0	2	NIL
PDT002	Lean Startup Management						1	0	0	1	NIL
PDT003	Product Development and Management and Technology Readiness Level Assessment						3	0	0	3	NIL
PRES711L	Research Design and Methodology						3	1	0	4	NIL
<i>(Annexure 63)</i>											
<b>The Academic Council deferred the above item.</b>											
Item 80/67	<b><u>Any other item:</u></b>										
<b><u>Reporting item:</u></b>											
<p>The QS released the 4<sup>th</sup> edition of "World University Rankings: Sustainability 2026". Vellore Institute of Technology (VIT) ranked 352<sup>nd</sup> out of 1994 institutions ranked globally. In India, VIT is the 7<sup>th</sup> best institution in sustainability. VIT rank moved 44 positions up globally as compared to last year.</p> <p>Universities across the globe are working towards the 17 sustainable development goals (SDGs) identified by the United Nations. VIT is one of the top 400 Universities of the world in sustainability. QS Sustainability ranking is based on three major parameters – environmental impact, social impact and governance.</p>											

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**Vote of thanks**

The meeting ended with vote of thanks by the Registrar.

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

**Dr. M. Anthony Xavier**  
Dean (Academics)

**Vellore Institute of Technology (VIT)**  
(Deemed to be University under section 3 of UGC Act, 1956)  
Vellore- 632 014, Tamil Nadu, India

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

**REGISTRAR**  
**Vellore Institute of Technology (VIT)**  
(Deemed to be University under section 3 of UGC Act, 1956)  
Vellore-632 014, Tamil Nadu, India

**Dr. V.S. Kanchana Bhaaskaran**  
Chairperson, Academic Council  
Vice-Chancellor,  
Vellore Institute of Technology  
Vellore – 632014

**Vice Chancellor**  
**Vellore Institute of Technology (VIT)**  
Vellore – 632 014, Tamil Nadu, India