AQAR 2021-22

Number of NEW COURSES introduced during the year

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AQAR 2021 – 22

1.2.1 Number of new courses introduced of the total number of courses across all programs offered during the year

Year	2021-22
Number	160

Name of the Course	Course Code	Year of introduction	Activities/Content with direct bearing on Employability/ Entrepreneurship/ Skill development
Mechanics of Solids	PHD 1183	2021 - 2022	Employability
Building Construction and Practices	CED 1201	2021 - 2022	Employability
Surveying	CED 1202	2021 - 2022	Employability
Engineering Materials	MED 1211	2021 - 2022	Employability
Basics of Aeronautical Engineering	AED 1211	2021 - 2022	Employability
Basics of Machining	PED 1201	2021 - 2022	Employability
Principles of Chemical Engineering	PED1202	2021 - 2022	Employability
Basic Electrical and Electronics Engineering	GED 1202	2021 - 2022	Employability
Basic Electrical and Instrumentation Engineering	GED 1204	2021 - 2022	Employability
Basic Electrical Engineering	GED 1203	2021 - 2022	Employability
Signals and Systems	EED 1202	2021 - 2022	Employability
Electric and Magnetic Circuits	EED 1201	2021 - 2022	Employability
Network analysis and synthesis	EID 1201	2021 - 2022	Employability
Electron Devices and Network synthesis Laboratory	EID 1203	2021 - 2022	Skill development
Programming for Problem Solving	CSD 1101	2021 - 2022	Skill development
Object Oriented Programming	CSD 1201	2021 - 2022	Employability
Advanced Data Structures	CSD 6121	2021 - 2022	Employability
Artificial Intelligence in Data Mining	CSD 6122	2021 - 2022	Employability
Essentials of Artificial Intelligence and Machine Learning	CSD 6123	2021 - 2022	Employability
Data Science Foundations using R	CSD 6144	2021 - 2022	Employability
Natural Language Processing	CSD 6221	2021 - 2022	Employability
Deep Learning	CSD 6222	2021 - 2022	Employability

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Name of the Course	Course Code	Year of introduction	Activities/Content with direct bearing on Employability/ Entrepreneurship/ Skill development
SQL for Data Science	CSDY 301	2021 - 2022	Employability
Exploratory Data Analytics	CSDY 303	2021 - 2022	Employability
Business Intelligence	CSDY 351	2021 - 2022	Employability
Soft Computing Techniques	CSDY 306	2021 - 2022	Employability
Artificial Neural Networks	CSDY 307	2021 - 2022	Employability
Knowledge Engineering and Expert Systems	CSDY 308	2021 - 2022	Employability
Scripting languages	CSDY 309	2021 - 2022	Employability
Distributed, Parallel and Spatial Databases	CSDY 310	2021 - 2022	Employability
Data Visualization	CSDY 311	2021 - 2022	Employability
Optimization methods for Analytics	CSDY 353	2021 - 2022	Employability
Knowledge Representation and Reasoning	CSDY 354	2021 - 2022	Employability
Data Science with Bio Informatics	CSDY 355	2021 - 2022	Employability
Web Analytics	CSDY 359	2021 - 2022	Employability
Programming in C++	ITD 1201	2021 - 2022	Employability
Fundamentals of Chemical Graph Theory	MADZ 01	2021 - 2022	Employability
Mathematical Modeling: Analysis and Applications	MADZ 02	2021 - 2022	Skill development
Fractional Calculus and Fractional Differential Equations	MADZ 03	2021 - 2022	Skill development
Biomathematics	MAD 1182	2021 - 2022	Skill development
Yoga and alternative medicine	BTD 1204	2021 - 2022	Employability
Biomolecules	LSD 1201	2021 - 2022	Employability
Biomolecules Laboratory	LSD 1202	2021 - 2022	Skill development
Basics of Genetics Laboratory	LSD 1204	2021 - 2022	Skill development
Environmental Biotechnology	LSDX 003	2021 - 2022	Employability
Environmental Biotechnology Laboratory	LSDX 004	2021 - 2022	Skill development
Pharmacology	LSDX 005	2021 - 2022	Employability
Pharmacology Laboratory	LSDX 006	2021 - 2022	Skill development
Biopharmaceutics and Pharmacokinetics	LSDX 007	2021 - 2022	Employability

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Name of the Course	Course Code	Year of introduction	Activities/Content with direct bearing on Employability/ Entrepreneurship/ Skill development
Biopharmaceutics and Pharmacokinetics Laboratory	LSDX 008	2021 - 2022	Skill development
Waste Management	LSDX 009	2021 - 2022	Employability
Waste Management Laboratory	LSDX 010	2021 - 2022	Skill development
Herbal Technology Laboratory	LSDX 012	2021 - 2022	Skill development
Chemistry of Foods	LTD 6111	2021 - 2022	Employability
Modern Food Microbiology	LTD 6112	2021 - 2022	Employability
Advanced Nutritional Biochemistry	LTD 6113	2021 - 2022	Employability
Modern Food Processing Techniques	LTD 6114	2021 - 2022	Employability
Applied Biostatistics for Biotechnologists	LTD 6101	2021 - 2022	Employability
Technology in Food Packaging	LTD 6211	2021 - 2022	Employability
Applied Food Biotechnology	LTD 6212	2021 - 2022	Employability
Research Methodology	LTD 6213	2021 - 2022	Employability
Aromatic and Medicinal Plants	LTDY 051	2021 - 2022	Employability
Sanitation and Waste Management in Food Industries	LTDY 052	2021 - 2022	Employability
Functional Foods and Nutraceuticals	LTDY 053	2021 - 2022	Employability
Applications of Enzymes in Food Industry	LTDY 054	2021 - 2022	Employability
Quality Evaluation of Foods	LTDY 055	2021 - 2022	Employability
Food Standards & Quality Control	LTDY 056	2021 - 2022	Employability
Management of Halal Food	LTDY 057	2021 - 2022	Employability
Flavour Processing Technology	LTDY 081	2021 - 2022	Employability
Meat Process Technology	LTDY 082	2021 - 2022	Employability
Marine Food Process Technology	LTDY 083	2021 - 2022	Employability
Food Informatics	LTDY 084	2021 - 2022	Employability
Post - Harvest Technology of Fruits and Vegetables	LTDY 085	2021 - 2022	Employability
Statistics for Decision Making	MSE 6103	2021 - 2022	Employability

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Name of the Course	Course Code	Year of introduction	Activities/Content with direct bearing on Employability/ Entrepreneurship/ Skill development
Computer Applications in Business Lab	MSE 6108	2021 - 2022	Skill development
Business Communication Lab	MSE 6109	2021 - 2022	Skill development
Corporate Finance	MSE 6203	2021 - 2022	Employability
Operations Management	MSE 6204	2021 - 2022	Employability
Entrepreneurial & Managerial Thinking	IEV 6101	2021 - 2022	Entrepreneurship
Entrepreneurial Eco System	IEV 6102	2021 - 2022	Entrepreneurship
Innovation Management & Design Thinking	IEV 6103	2021 - 2022	Employability
Economic Perspectives for entrepreneurs	IEV 6104	2021 - 2022	Entrepreneurship
Research orientation	IEV 6105	2021 - 2022	Employability
Creating Business Values	IEV 6106	2021 - 2022	Employability
Skill Certification	IEV 6107	2021 - 2022	Employability
Idea Generation and Proof of concept	IEV 6108	2021 - 2022	Employability
Feasibility Analysis	IEV 6201	2021 - 2022	Employability
Essentials of Business Plan	IEV 6202	2021 - 2022	Employability
Business Plan validation	IEV 6203	2021 - 2022	Entrepreneurship
Skill Certification	IEV 6204	2021 - 2022	Skill development
Action Based Learning	IEV 6205	2021 - 2022	Employability
Formulation of business plan and development of proto type	IEV 6206	2021 - 2022	Employability
Interpretation of statutes – honours	BLC 5101	2021 - 2022	Employability
Child law – honours	BLC 5102	2021 - 2022	Employability
Land law – honours	BLC 5103	2021 - 2022	Employability
Alternative dispute resolution – cc4	BLC 5104	2021 - 2022	Employability
Women and law – elective	BLCX021	2021 - 2022	Employability
Criminology, penology and victimology- elective	BLCX 022	2021 - 2022	Employability
Private international law	BLCX 023	2021 - 2022	Employability
Humanitarian and refugee law	BLCX 024	2021 - 2022	Employability
Taxation law	BLC 5201	2021 - 2022	Employability
Competition law – honours vii	BLC 5202	2021 - 2022	Employability

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Name of the Course	Course Code	Year of introduction	Activities/Content with direct bearing on Employability/ Entrepreneurship/ Skill development
Insurance law – honours viii	BLC 5203	2021 - 2022	Employability
Cyber laws	BLC 5204	2021 - 2022	Employability
Moot court – clinical course 5	BLC 5205	2021 - 2022	Skill development
Financial management	BLD 3105	2021 - 2022	Employability
Production and material management	BLD 3106	2021 - 2022	Employability
Human rights – honours I	BLD 3102	2021 - 2022	Employability
Property law	BLD 3103	2021 - 2022	Employability
Company law	BLD 3104	2021 - 2022	Employability
Social welfare administration	BLD 3107	2021 - 2022	Employability
E – governance	BLD 3108	2021 - 2022	Employability
Public finance	BLD 3205	2021 - 2022	Employability
Strategic management	BLD 3206	2021 - 2022	Employability
Public international law	BLD 3202	2021 - 2022	Employability
Law of evidence	BLD 3203	2021 - 2022	Employability
Interpretation of statutes	BLD 3204	2021 - 2022	Employability
Government administration in Tamilnadu	BLD 3207	2021 - 2022	Employability
Police administration	BLD 3208	2021 - 2022	Employability
Guidance of Prophet – Moral & Ethics	ISD 1104	2021 - 2022	Employability
Fiqh al Madhahib-Ibadath	ISD 1105	2021 - 2022	Employability
Engineering Economics and Management	SSDX 01	2021 - 2022	Employability
Sociology of Science and Technology	SSDX 02	2021 - 2022	Employability
Industrial Economics and Management	SSDX 03	2021 - 2022	Employability
Dynamics of Indian Social Structure	SSDX 04	2021 - 2022	Employability
Economics of Sustainable Development	SSDX 11	2021 - 2022	Employability
Sociology of Industrial Relation	SSDX 12	2021 - 2022	Employability
Professional Ethics and Human Values	SSDX 13	2021 - 2022	Employability
Gender, Technology and Development	SSDX 14	2021 - 2022	Employability
Professional Ethics	ENDX 51	2021 - 2022	Employability
Public Speaking and Presentation Skills	COD 1204	2021 - 2022	Employability

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Name of the Course	Course Code	Year of introduction	Activities/Content with direct bearing on Employability/ Entrepreneurship/ Skill development
Business Organisation and Management	COD 1102	2021 - 2022	Employability
Business Intelligence using Excel and Access	COD 1104	2021 - 2022	Employability
Financial Services	COD 1211	2021 - 2022	Employability
Introduction to Indian Constitution	COD 1105	2021 - 2022	Employability
Fundamentals of Business Economics	COD 1124	2021 - 2022	Employability
Environmental Studies	COD 1103	2021 - 2022	Employability
Macro Economics	COD 1225	2021 - 2022	Employability
Business Mathematics and Statistics	COD 2103	2021 - 2022	Skill development
Business Communication	COD 2125	2021 - 2022	Employability
Financial Markets and Institutions	CODX 201	2021 - 2022	Employability
Marketing Management	CODX 01	2021 - 2022	Employability
Modern Banking and Insurance	CODX 202	2021 - 2022	Employability
Organisational Behaviour	CODX 21	2021 - 2022	Employability
Corporate Legal Framework	CODX 211	2021 - 2022	Employability
Artificial Intelligence for Business	CODX 212	2021 - 2022	Employability
Business Research Methods	CODX 51	2021 - 2022	Employability
Leadership and Team Development	CODX 43	2021 - 2022	Employability
Industrial Psychology	CODX 162	2021 - 2022	Employability
Industrial Relations and Labour Laws	CODX 22	2021 - 2022	Skill development
Entrepreneurship Development	CODX 221	2021 - 2022	Entrepreneurship
Consumer Affairs	CODX 23	2021 - 2022	Employability
Financial Technology and Analytics	CODX 232	2021 - 2022	Employability
E-Business	CODX 32	2021 - 2022	Employability
Digital Marketing	CODX 251	2021 - 2022	Employability
Micro Finance	CODX 252	2021 - 2022	Employability
New Venture Planning and Development	CODX 73	2021 - 2022	Employability
Fundamentals of Financial Accounting	COD 1141	2021 - 2022	Employability

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Name of the Course	Course Code	Year of introduction	Activities/Content with direct bearing on Employability/ Entrepreneurship/ Skill development
Business Communication and Documentation	COD 1245	2021 - 2022	Employability
Fundamentals of Human Resources Management	COD 1231	2021 - 2022	Employability
Principles of Marketing	COD 1232	2021 - 2022	Employability
Creativity and Innovation	COD 1233	2021 - 2022	Employability
Introduction to Politics	PPD1101	2021 - 2022	Employability
Indian Constitutional Framework	PPD1102	2021 - 2022	Employability
World Physical Geography	PPD1103	2021 - 2022	Employability
Basic Numeracy	PPD1104	2021 - 2022	Skill development
Project: Map Work	PPD1105	2021 - 2022	Skill development
NCC: General Orientation & Drill	PPDX01	2021 - 2022	Skill development
Understanding Youth	PPDX02	2021 - 2022	Skill development
Human Rights and Social Legislation	PPDX03	2021 - 2022	Employability
Introduction to Sociology	PPD1201	2021 - 2022	Employability
Ancient Indian History	PPD1202	2021 - 2022	Employability
Political Economy	PPD1203	2021 - 2022	Employability
Analytical Reasoning	PPD1204	2021 - 2022	Skill development
Field Study: Archaeological sites	PPD1205	2021 - 2022	Skill development
NCC: Social Service, Community Development & Drill	PPDX04	2021 - 2022	Skill development
Human Development: Theory, Policy and Practice	PPDX05	2021 - 2022	Employability
Corporate Social Responsibility	PPDX06	2021 - 2022	Employability

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ANNEXURE 1.2.1

S. No.	Details	Page No.
1.	Excerpts of 18th Academic Council meeting minutes heldon 24.02.2022 (The new courses introduced in the year 2021-22 were highlighted in yellow)	2

Minutes of the

Eighteenth meeting of the Academic Council

of

B.S. Abdur Rahman Crescent Institute of Science and Technology

held on

February 24, 2022

Online Meeting

Minutes of the 18th meeting of Academic Council

Date & Time: 24.02.2022, 10.00 a.m.   **Online meeting**

The eighteenth meeting of the Academic Council was convened on 24.02.2022 at 10:00 a.m. through online mode. The online mode was necessitated due to the continuance of pandemic conditions. The link for the meeting was:

https://us06web.zoom.us/j/82189038399?pwd=R21rUm5QUEpDR3Y0V2hRSEE4bUpIQT09

The following members were attended the meeting:

1. Dr. A. Peer Mohamed, Vice Chancellor
2. Prof. C. Thangamuthu, Former Vice Chancellor, Bharathidasan University, Thiruchirappalli, Tamilnadu.
3. Dr. Shakeel Ahmad, Sr. Joint Secretary, University Grants Commission (UGC) & Former Pro Vice Chancellor, Maulana Azad National Urdu University (MANUU), Hyderabad
4. Dr. V. Jagadeesh Kumar, Professor of Electrical Engineering, IIT Madras, Chennai.
5. Dr. B. Suresh, MD & CEO, M/s. Mahindra Consulting Engineers Ltd., Chennai
6. Mr. Anantharaman Prakash, Vice President (Production Engineering), Renault Nissan Technology & Business Center India Pvt. Ltd, Chennai.
7. Dr. M. Saravanan, Principal Researcher - Ericsson Research, Artificial Intelligence & Machine Learning Group, Ericsson India Global Services, Chennai.
8. Mr. V.N.A. Jalal, Sr. General Manager
9. Dr. M.S. Haji Sheik Mohammed, Dean (Academic Affairs)
10. Dr. I. Raja Mohamed, Dean (Research)
11. Dr. M. Munir Ahamed Rabbani, Controller of Examinations
12. Dr. V. Rhymend Uthariaraj, Director, Centre for Distance and Online Education
13. Dr. Vasanthi Padmanabhan, Dean (School of Infrastructure)
14. Dr. S. Rasool Mohideen, Dean (School of Mechanical Sciences)
15. Dr. D. Najumnissa Jamal, Dean (School of Electrical & Communication Sciences) & Head, Dept. of EIE
16. Dr. Venkatesan Selvam, Dean (School of Computer, Information and Mathematical Sciences)
17. Dr. S. Hemalatha, Dean (School of Life Sciences)
18. Dr. S. Kutti Rani, Dean (School of Physical and Chemical Sciences)

- The Practical Examinations for all UG and PG Programmes were/ (are to be) conducted through physical mode in the Institution by following the COVID guidelines.

- The question paper patterns used for CAT-1 and CAT-2 in both Online Mode and Offline Mode (Physical Mode) are the same. The question paper pattern used for Semester End Examinations, in online mode and offline mode followed the formats as already approved in the 16th meeting of Academic Council. In Programmes viz. B.A Public Policy, MBA, have their own approved question paper pattern in some courses to meet the requirements and to maintain the uniqueness of their evaluation system.

The Academic Council may consider and note the same.

Resolution:

After deliberations, the agenda item was noted and approved.

ITEMS MOVED BY CHAIRMAN, BOARD OF STUDIES

SCHOOL OF INFRASTRUCTURE
DEPARTMENT OF CIVIL ENGINEERING

Item 18.6

To consider and approve the recommendations of the Board of Studies of the Department of Civil Engineering.

Item 18.6.1

To consider and approve the syllabi (III & IV semester) of B.Tech. Civil Engineering under Regulations 2021.

Note on Agenda:

The major revisions in curriculum of B.Tech. Civil Engineering under Regulations 2021 and syllabi of I & II Semester courses were approved in the 17th meeting of Academic Council and accordingly implemented from the year AY 2021-2022.

In the 16th meeting of Board of Studies of Civil Engineering Department, which was held on 05th January 2022, the syllabi of III & IV semester courses were deliberated. After deliberations, the Board has recommended the same for approval in the Academic council.

The Salient features of B.Tech. Civil Engineering curriculum under R-2021 with respect to "Introduction of New courses" and "Courses with Syllabus revisions'" are as follows:

I. Semester I & II (AY 2021-2022)

a) New courses introduced.

Course Code	Course Title	Credits
PHD 1183	Mechanics of Solids	4
CED 1201	Building Construction and Practices	3
CED 1202	Surveying	4

b) Courses with Syllabus revisions:

Course Code	Course Title	Credits	Revision (%)
CED 1203	Civil Engineering Drawing	1	25 %

II. Semester III & IV (AY 2022-2023)

a) New courses proposed:

Course Code	Course Title	Credits
CED 2101	Mechanics of Structures	3
CED 2104	Water and Waste Water Engineering	4
CED 2105	Transportation Engineering	3
CED 2201	Mechanics of Soils	4
CED 2203	Structural Concrete Design	4
CED 2205	Water Resources Engineering	3
CEDX 31	Engineering Geology	3
CEDX 51	Water Distribution Systems	3
CEDX 71	GPS& Drone Surveying	3
CEDX 72	Principles of Architecture	3
CEDX 73	Vastu Sastra and Architectural Design	3

b) Courses with syllabus revisions (proposed):

Course Code	Course Title	Credits	Revision (%)
CED 2102	Mechanics of Fluids	3	20 %
CED 2103	Concrete Technology	3	25 %
CED 2202	Structural Analysis I	3	20 %
CED 2204	Estimation and Costing of Infrastructure	3	30 %

	Projects		
CEDX 16	Advanced Concrete Technology	3	25 %
CEDX 41	Air and Noise Pollution Control	3	20 %
CEDX 42	Solid Waste Management	3	20 %

The Curriculum and syllabi of the courses (III & IV Semester) of B.Tech., Civil Engineering under R 2021 are given in **Annexure 18.6.1**. The Academic Council may consider and approve the same for implementation from the academic year 2022-2023.

Resolution:

After deliberations, the agenda item was approved.

Item 18.6.2

To consider and approve the revision in the curriculum and syllabi of B.Tech Civil Engineering under Regulations 2017.

Note on Agenda:

Based on the feedback from faculty members and students, the course 'CEC 4107 - Water Resources Engineering' is introduced as a core course in the VII Semester of B.Tech. Civil Engineering under Regulations 2017.

This was discussed in the 16th meeting of Board of Studies of the Department of Civil Engineering and the board has recommended the same for approval. The revised curriculum and syllabus of the course 'CEC 4107 - Water Resources Engineering' of B.Tech Civil Engineering under Regulations 2017 are given in **Annexure 18.6.2.**

The Academic Council may consider and approve the same.

Resolution:

After deliberations, the agenda item was approved.

SCHOOL OF MECHANICAL SCIENCES

DEPARTMENT OF MECHANICAL ENGINEERING

Item 18.7

To consider and approve the recommendations of the Board of Studies of the Department of Mechanical Engineering

Item 18.7.1

To consider and approve the syllabi of (III & IV semester core courses and the elective courses) of B.Tech. Mechanical Engineering under Regulations 2021.

Note on Agenda:

  The major revision in the curriculum of B.Tech. Mechanical Engineering under R 2021 & Syllabi of I & II Semester courses were approved in the 17th meeting of the Academic Council and accordingly implemented from the year AY 2021-2022.

  In the 19th meeting of the Board of Studies of Mechanical Engineering Department which was held on 21.12.2021, the syllabi of III & IV Semester Core Courses and the elective courses were deliberated. After deliberations, the board has recommended the same for approval in the Academic Council.

  The salient features of the B.Tech. Mechanical Engineering curriculum under R 2021 with respect to 'Introduction of New Courses' and 'Courses with Syllabus Revision' are as follows:

I. Semester I & II (AY 2021-22)

a) New Course introduced:

Course Code	Course Title	Credits
MED 1211	Engineering Materials	3

b) `Courses with Syllabus revision:

Course Code	Course Title	Credits	Revision (%)
GED 1101	Engineering Graphics	3	25%
GED 1102	Engineering Design	2	25%
GED 1103	Manufacturing Practices Laboratory	1	20%
GED 1201	Engineering Mechanics	4	20%
MED 1212	Design Appreciation Laboratory	1	20%

II. Semester III and IV (AY 2022-23)

a) New Courses Proposed:

Course Code	Course Title	Credits
MED 2105	Machine Drawing Laboratory	1
MED 2214	Materials Engineering and Technology	3
MED 2215	Machine Tools and Metrology	4
MEDX61	Advanced Welding Processes	3
MEDX62	Advanced Casting and Forming Process	3
MEDX 81	Powder Metallurgy	3

MEDX 89	Materials for Energy Technologies	2
MEDX 92	Physical Metallurgy	1

b) Courses with syllabus revision (Proposed):

Course Code	Course Name	Credits	Revision (%)
MED 2101	Solid Mechanics	3	20%
MED 2102	Engineering Thermodynamics	3	20%
MED 2103	Theory of Machines	4	35%
MED 2104	Basic Manufacturing Processes	3	20%
MED 2106	Mechanics Laboratory	1	20%
MED 2211	Thermal Engineering	4	20%
MED 2212	Fluid Mechanics and Machinery	4	20%
MED2213	Design of Machine Elements	4	20%
MEDX 02	Design of Hydraulics and Pneumatics	3	20%
MEDX03	Noise, Vibration and Harshness	3	20%
MEDX 33	Nuclear Engineering	3	20%
MEDX 43	Combustion of Fuels	2	20%
MEDX 44	Alternate Fuels	1	20%

The curriculum and syllabi of III & IV semester core and elective courses of B.Tech. Mechanical Engineering under R 2021 are given in **Annexure 18.7.1.** The Academic Council may consider and approve the same for implementation from the academic year 2022-23.

Resolution:

After deliberations, the agenda item was approved.

Item 18.7.2

To consider and approve the syllabi of Ph.D. courses offered to Ph.D. Scholars of Mechanical Engineering Department.

Note on Agenda:

In the 19th meeting of the Board of Studies of Mechanical Engineering Department, which was held on 21.12.2021, the syllabi of the following courses offered to Ph.D. scholars were deliberated. After deliberations, the board has recommended the same for approval in the Academic Council.

Course Code	Course Name	Credit
MEZ 931	Formulation and Characterization of Friction	3

	Materials	
MEZ 932	Surface Engineering and Coating Technology	4

The syllabi of the courses 'MEZ 931 - Formulation and Characterization of Friction Materials' and 'MEZ 932 - Surface Engineering and Coating Technology' are given in **Annexure 18.7.2.**

The Academic Council may consider and approve the same.

Resolution:

After deliberations, the agenda item was approved.

DEPARTMENT OF AEROSPACE ENGINEERING

Item 18.8

To consider and approve the recommendations of the Board of Studies of the Department of Aerospace Engineering.

Item 18.8.1

To consider and approve the syllabi (III & IV semester) of B.Tech Aeronautical Engineering under Regulations 2021.

Note on Agenda:

The major revision in curriculum of B.Tech. Aeronautical Engineering under R 2021 & Syllabi of I & II Semester courses was approved in the 17th meeting of Academic Council and accordingly implemented from the year AY 2021-2022.

In the 15th meeting of Board of Studies of Aerospace Engineering Department which was held on 11th December 2021, the syllabi of III and IV Semester Courses were deliberated. After deliberations, the board has recommended the same for approval in the Academic Council.

The salient features of the B.Tech. Aeronautical Engineering curriculum under R 2021 with respect to 'Introduction of New Courses' and 'Courses with Syllabus Revision' are as follows:

I. Semester I & II (AY 2021-22)

a) New Courses introduced:

Course Code	Course Title	Credits
AED 1211	Basics of Aeronautical Engineering	3

II. Semester III and IV (AY 2022-23)

a) New Courses Proposed:

Course Code	Course Title	Credits
AED 2014	Aircraft Material and Manufacturing Processes	3
AED 2213	Propulsion I	3
AED 2215	Experimental Aerodynamics	4
AEDX 08	Space Mechanics	3
AEDX 16	Machine Design	3
AEDX 25	Aviation Rules and Regulation	3

b) Courses with syllabus revision (Proposed):

Course Code	Course Name	Credits	Revision (%)
AED2102	Engineering Thermodynamics	4	25%
AED2103	Fluid Mechanics	4	25%
AED2105	Aircraft Component and Assembly Drawing Laboratory	1	30%
AED2214	Aircraft Systems and Instruments	4	25%

The curriculum and syllabi of the courses (III and IV Semester) of B.Tech Aeronautical Engineering under R 2021 are given in **Annexure 18.8.1**.

The Academic Council may consider and approve the same for implementation from the academic year 2022-23.

Resolution:

After deliberations, the agenda item was approved.

DEPARTMENT OF AUTOMOBILE ENGINEERING

Item 18.9

To consider and approve the recommendations of the Board of Studies of the Department of Automobile Engineering

Item 18.9.1

To consider and approve the syllabi (III & IV semester) of B.Tech (Automobile Engineering) under Regulations 2021.

Note on Agenda:

The major revision in curriculum of B.Tech. (Automobile Engineering) under R 2021 & Syllabi of I & II Semester courses was approved in the 17th meeting of Academic Council and accordingly implemented from the year AY 2021-2022.

In the 13th meeting of Board of Studies of Automobile Engineering Department, which was held on 15th December 2021 the syllabi of III & IV Semester courses were deliberated. After deliberations, the board has recommended the same for approval in the Academic Council.

The salient features of the B.Tech. (Automobile Engineering) curriculum under R 2021 with respect to 'Introduction of New Courses' and 'Courses with Syllabus Revision' are as follows:

I. Semester III & IV (AY 2022-23)

a) New Courses Proposed:

Course Code	Course Name	Credits
AUD 2101	Engineering Thermodynamics	4
AUD 2103	Manufacturing Processes	3
AUD 2104	Automotive Engines	4
AUD 2211	Two and Three Wheelers Technology	3
AUD 2213	Automotive Transmission	4
AUDX01	Alternative Fuels and Energy Systems	3
AUDX03	Combustion Thermodynamics	3
AUDX05	Heat and Mass Transfer	3

b) Courses with syllabus revision (Proposed):

Course Code	Course Name	Credits	Revision (%)
AUD 2102	Strength of Materials	4	25%
AUD 2105	Automotive Component Modelling Laboratory	1	20%
AUD 2212	Automotive Materials and Metallurgy	3	25%
AUD 2214	Mechanics of Machinery	4	20%
AUD 2215	Automotive Chassis	3	30%

Course Code	Course Name	Credits	Revision (%)
AUD 2216	Automotive Chassis Lab	1	30%
AUDX02	Simulation of I.C. Engine Processes	3	20%
AUDX04	Power Plant Engineering	3	20%
AUDX06	Fuel Cell Technology	3	20%

The curriculum and syllabi of the courses (III and IV Semester) of B.Tech (Automobile Engineering) under R 2021 are given in **Annexure 18.9.1.**

The Academic Council may consider and approve the same for implementation from the academic year 2022-23.

Resolution:

After deliberations, the agenda item was approved.

DEPARTMENT OF POLYMER ENGINEERING

Item 18.10

To consider and approve the recommendations of the Board of Studies of the Department of Polymer Engineering.

Item 18.10.1

To consider and approve the syllabi (III and IV semester) of B.Tech (Polymer Engineering) under Regulations 2021.

Note on Agenda:

The major revision in curriculum of B.Tech (Polymer Engineering) under R 2021 and Syllabi of I & II Semester courses was approved in the 17th meeting of Academic Council and accordingly implemented from the year AY 2021-2022.

In the 14th meeting of Board of Studies of Polymer Engineering Department which was held on 15th December 2021, the syllabi of III and IV semester courses were deliberated. After deliberations, the board has recommended the same for approval in the Academic Council.

The salient features of the B.Tech (Polymer Engineering) curriculum under R 2021 with respect to 'Introduction of New Courses' and 'Courses with Syllabus Revision' are as follows:

I. Semester I & II (AY 2021-22)

a) New Courses introduced:

Course Code	Course Title	Credits
PED 1201	Basics of Machining	2
PED1202	Principles of Chemical Engineering	3

II. Semester III and IV (AY 2022-23)

a) New Courses (Proposed):

Course Code	Course Title	Credits
PED2103	Thermoset Materials Technology	3
PED2105	Biodegradable Polymers	3
PED2201	Thermoplastics	3
PED2203	Rubber Processing Technology	3
PEDX04	Nanoscience and Technology	3
PEDX07	Fibre Technology	3

b) Courses with syllabus revision (Proposed):

Course Code	Course Name	Credits	Revision (%)
PED2101	Polymer Chemistry	3	25%
PED2102	Polymer Physics	3	40%
PED2104	Science and Technology of Rubbers	3	25%
PED2202	Polymer Compounding Technology	3	25%
PED2203	Rubber Processing Technology	3	25%
PED2204	Analysis and Characterization of Polymers	3	40%

The syllabi of the courses (III and IV Semester) of B.Tech. (Polymer Engineering) under R 2021 are given in **Annexure 18.10.1.**

The Academic Council may consider and approve the same for implementation from the academic year 2022-23.

Resolution:

After deliberations, the agenda item was approved.

SCHOOL OF ELECTRICAL AND COMMUNICATION SCIENCES

DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

Item 18.11

To consider and approve the recommendations of the Board of Studies of the Department of Electrical and Electronics Engineering.

Item 18.11.1

To consider and approve the syllabi (III & IV semester) of B.Tech. EEE under Regulations 2021.

Note on Agenda:

The major revision in curriculum of B. Tech EEE under R 2021 & Syllabi of I & II Semester courses was approved in the 17th meeting of Academic Council and accordingly implemented from the year AY 2021-2022.

In the 16th meeting of Board of Studies of EEE Department, which was held on 13th December 2021 the syllabi of III and IV semester courses including the professional elective courses were deliberated. After deliberations the board has recommended the same for approval in the Academic Council.

The salient features of the B. Tech. EEE curriculum under R 2021 with respect to 'Introduction of New Courses' and 'Courses with Syllabus Revision' are as follows:

I. Semester I & II (AY 2021-22)

a) New Courses introduced:

Course Code	Course Title	Credits
GED 1202	Basic Electrical and Electronics Engineering	4
GED 1204	Basic Electrical and Instrumentation Engineering	4
GED 1203	Basic Electrical Engineering	4
EED 1202	Signals and Systems	3
EED 1201	Electric and Magnetic Circuits	3

b) Courses with Syllabus revision:

Course Code	Course Name	Credits	Revision (%)
GED 1103	Manufacturing Practices Laboratory	1	20%
EED 1203	Electric Circuits Laboratory	1	60%

II. Semester III and IV (AY 2022-23)

a) New Courses Proposed:

Course Code	Course Title	Credits
EED 2104	Transmission and Distribution	3
EED 2205	Python for Electrical Engineers	3
EEDX62	Solar Energy Technology	3

b) Courses with syllabus revision (Proposed):

Course Code	Course Name	Credits	Revision (%)
EED 2101	Electronic Devices	3	25%
EED 2102	Electro Magnetic Theory	3	25%
EED 2103	Electromechanical Energy Conversion	3	50%
EED 2105	Electronic Devices Laboratory	1	30%
EED 2106	Electromechanical Energy Conversion Laboratory	1	20%
EED 2201	AC Machines	3	25%
EED 2202	Digital Electronics	3	25%
EED 2203	Electrical Measurement and Instrumentation	3	40%
EED 2204	Power System Protection	3	25%
EED 2206	AC Machines Laboratory	1	20%
EED 2207	Digital Electronics Laboratory	1	20%
EEDX02	Electric Energy Generation, Utilization and Conservation	3	20%
EEDX 12	Network Analysis and Synthesis	3	20%

The curriculum and syllabi of the courses (III & IV semester) of B. Tech. EEE under R 2021 are given in **Annexure 18.11.1.** The Academic Council may consider and approve the same for implementation from the academic year 2022-23.

Resolution:

After deliberations, the agenda item was approved.

Item 18.11.2

To consider and ratify the revision in the curriculum & syllabi of M.Tech Power Systems Engineering under R 2019.

Note on Agenda:

The course EEDY 040 - 'Electric Vehicle and Power Management' was included as an elective course in the curriculum of M.Tech. (Power Systems Engineering) under Regulations 2019. This revision was deliberated in the 16th Meeting of Board of Studies of the Department of Electrical and Electronics Engineering and the board has recommended the same for ratification with effect from AY 2021-22.

The ratified curriculum of M.Tech PSE under R 2019 & syllabus of the course EEDY 040 -'Electric Vehicle and Power Management' are given in **Annexure 18.11.2.**

The Academic Council may consider and ratify the same for implementation from academic year 2021-22.

Resolution:

The agenda item was ratified with effect from the academic year 2021-22.

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

Item 18.12

To consider and approve the recommendations of the Board of Studies of the Department of Electronics and Communication Engineering.

Item 18.12.1

To consider and approve the syllabi of III & IV semester (Core and Professional elective courses) of B.Tech. ECE under Regulations 2021.

Note on Agenda:

The major revision in curriculum of B.Tech. ECE programme under R 2021 & Syllabi of I & II semester courses was approved in the 17th meeting of Academic Council and accordingly implemented from the year AY 2021-2022.

In the 22nd meeting of Board of Studies of B.Tech. ECE Department which was held on 14-12-2021, the syllabi of III & IV Semester Courses including professional elective courses of B.Tech. ECE programme under R 2021 were deliberated. After deliberations, the board has recommended the same for approval in the Academic Council.

The salient features of the B.Tech. ECE curriculum under R 2021 with respect to

'Introduction of New Courses' and 'Courses with Syllabus Revision' are as follows:

I. Semester I & II (AY 2021-22)

a) Courses with Syllabus revision:

Course Code	Course Title	Credits	Revision (%)
ECD1201	Electron Devices	3	30%
ECD1202	Circuit and Network Analysis	3	20%
ECD1203	Electron Devices Laboratory	1	20%

II. Semester III and IV (AY 2022-23)

a) New Courses Proposed:

Course Code	Course Title	Credits
ECDX 003	Data structure and its algorithms	3
ECDX 004	Sensors and Actuators	3

b) Courses with syllabus revision (Proposed):

Course Code	Course Title	Credits	Revision (%)
ECD 2101	Analog Electronic Circuits	3	20%
ECD 2102	Digital Electronics	3	20%
ECD 2103	Electromagnetics and Transmission Line Theory	3	20%
ECD 2202	Linear Integrated Circuits*	3	40%
ECD 2104	Signals and Systems*	4	20%
ECD 2105	Analog Electronic Circuits Laboratory	1	30%
ECD 2106	Digital Electronics Laboratory	1	20%
ECD 2203	VLSI Design	3	40%
ECD 2204	Digital Signal Processing	4	40%
ECD 2205	Microcontroller Architecture and Programming	3	30%
ECD 2206	Microcontroller Programming Laboratory	1	20%
ECD 2207	VLSI Design Laboratory	1	40%
ECD 2208	Digital Signal Processing Laboratory	1	20%
ECDX 001	Computer Architecture	3	30%
ECDX 002	Control Systems	3	20%

The curriculum and syllabi of the courses (III & IV Semester) of B.Tech ECE programme under R 2021 are given in **Annexure 18.12.1.**The Academic Council may consider and approve the same for implementation from the academic year 2022-23.

Resolution:

After deliberations, the agenda item was approved.

Item 18.12.2

To consider and approve the syllabi of IV & V Semester professional elective courses offered by the ECE department to the B.Tech. EEE programme under Regulations 2021.

Note on Agenda:

The syllabi of the following professional electives which are offered to B.Tech EEE programme under Regulations 2021 by the ECE department were deliberated in the 22nd meeting of board of studies. After deliberations the board has recommended the same for approval in the Academic Council.

Course Code	Course Title	Credits
ECDX 011	ARM architecture and Programming	3
ECDX 081	Communication Engineering	3
ECDX 082	Digital Signal Processing	3
ECDX 086	Computer Communication Networks	3

The syllabi of the professional elective courses of B.Tech. EEE programme under R 2021 offered by the ECE are given in **Annexure 18.12.2.**

The Academic Council may consider and approve the same for implementation from the academic year 2022-23.

Resolution:

After deliberations, the agenda item was approved.

Item 18.12.3

To consider and approve the syllabus of Vth Semester core course offered by the ECE department to the B.Tech. EIE programme under Regulations 2021.

Note on Agenda:

The syllabus of the core course "ECD3182 Communication Engineering" which is offered by the ECE department to the B.Tech EIE programme under Regulations 2021 was

deliberated. After deliberations the board has recommended the same for approval in the Academic Council.

Course Code	Course Title	Credits
ECD 3182	Communication Engineering	3

The syllabus of the course ECD 3182 - Communication Engineering is given in **Annexure 18.12.3**.

The Academic Council may consider and approve the same for implementation from the academic year 2022-23.

Resolution:

After deliberations, the agenda item was approved.

DEPARTMENT OF ELECTRONICS AND INSTRUMENTATION ENGINEERING

Item 18.13

To consider and approve the recommendations of the Board of Studies of the Department of Electronics and Instrumentation Engineering.

Item 18.13.1

To consider and approve the syllabi (III & IV) of B.Tech. EIE programme Core and Elective courses under Regulations 2021.

Note on Agenda

The major revision in curriculum of B.Tech Electronics and Instrumentation Engineering under R 2021 & syllabi of I & II semester courses was approved in the 17th meeting of Academic Council and accordingly implemented from the year AY 2021-2022.

In the 17th meeting of Board of Studies of Electronics and Instrumentation Engineering Department, which was held on 16.12.2021, the syllabi of III and IV semester courses were deliberated. After the deliberations, the board has recommended the same for approval in the Academic Council.

The salient features of the B.Tech Electronics and Instrumentation Engineering under R2021 with respect to 'Introduction of New Courses' and 'Courses with Syllabus Revision' are as follows:

I. Semester I & II (AY 2021-22)

a) New courses Introduced:

Course Code	Course Name	Credits
EID 1201	Network analysis and synthesis	3

EID 1203	Electron Devices and Network synthesis Laboratory	1

II. Semester III and IV (AY-2022-23)

a) New courses Proposed:

Course Code	Course Name	Credits
EID 2204	Python for Instrumentation Engineers	3
EID X41	MEMS and Nanoscience	3
EID X42	Applied Power Electronics	3
EID X62	R-Programming	3

b) Courses with syllabus Revision (proposed):

Course Code	Course Name	Credits	Revision (%)
EID2101	Digital Electronics	4	20%
EID 2102	Linear Integrated Circuits	4	20%
EID2103	Transducer Engineering	3	20%
EID 2203	Microprocessor and Microcontroller	3	20%
MED2281	Thermodynamics and Fluid Mechanics	3	20%

The curriculum and syllabi of the courses (III & IV Semester) of B.Tech Electronics and Instrumentation Engineering under R 2021 are given in **Annexure 18.13.1.**

The Academic Council may consider and approve the same for implementation from the academic year 2022-23.

Resolution:

After deliberations, the agenda item was approved.

SCHOOL OF COMPUTER, INFORMATION AND MATHEMATICAL SCIENCES

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

Item 18.14

To consider and approve the recommendations of the Board of Studies of the Department of Computer Science and Engineering

Item 18.14.1

To consider and approve the syllabi (III & IV semester) courses of B.Tech. Computer Science and Engineering; B.Tech. CSE (Internet of Things); B.Tech. CSE (Cyber Security) and B.Tech. (Artificial Intelligence and Data Science)under Regulations 2021.

Note on Agenda:

The major revision in curriculum of B.Tech. Computer Science and Engineering; B.Tech. CSE (Internet of Things); B.Tech. CSE (Cyber Security) and B.Tech. (Artificial Intelligence and Data Science)under R 2021 and Syllabi of I & II Semester courses of these programmes was approved in the 17th meeting of Academic Council and accordingly implemented from the year AY 2021-2022.

In the 19th meeting of Board of Studies of Department of Computer Science & Engineering which was held on 28.12.2021, the syllabi of III & IV Semester Courses of B.Tech. Computer Science and Engineering; B.Tech. CSE (Internet of Things); B.Tech. CSE (Cyber Security) and B.Tech. (Artificial Intelligence and Data Science) were deliberated. After deliberations the board has recommended the same for approval in the Academic Council.

The salient features of the B.Tech. Computer Science and Engineering; B.Tech. CSE (Internet of Things); B.Tech. CSE (Cyber Security) and B.Tech. (Artificial Intelligence and Data Science) curriculum under R 2021 with respect to 'Introduction of New Courses' and 'Courses with Syllabus Revision' are as follows:

I. B.Tech. Computer Science and Engineering R 2021

a) Semester I & II (AY 2021-2022)

    i) New Courses Introduced:

Sl. No.	Course Code	Course Title	Credits
1	CSD 1101	Programming for Problem Solving	2
2	CSD 1201	Object Oriented Programming	3

b)Semester III & IV (AY 2022-2023)

    i) New Courses (Proposed)

Sl. No.	Course Code	Course Title	Credits
1.	CSD 2101	Python Programming	3
2.	CSD 2105	Python Programming Laboratory	1

3.	CSD 2201	Computer Communication and Networks	3
4.	CSD 2207	Database Management Systems Laboratory	1
(Professional Electives)			
5.	CSDX 210	Software Configuration and Risk Management	3

ii) Courses with Syllabus Revision

a. Core Courses

S. No.	Course Code	Course Name	Credits	Revision%
1.	CSC 1211	Digital Systems	4	20%
2.	CSC 2101	Data Structures	3	20%
3.	CSC 2103	Software Engineering	3	20%
4.	CSC 2105	Data structures Laboratory	1	20%
5.	CSC 2211	Computer architecture and Microprocessor	3	40%
6.	CSC 2212	Analysis of Algorithms	3	20%
7.	CSC 2214	Database Management Systems	3	50%
8.	CSC 2215	Database Management System Laboratory	1	20%
9.	CSC 3101	Operating Systems	4	20%

b. Professional Electives (IV Semester)

S.No	CourseCode	Course Name	Credits	Revision%
1.	CSDX 201	Digital Transmission	3	20%
2.	CSDX 202	Cellular and Wireless Networks	3	20%
3.	CSDX 203	Design of Computer Network services	3	20%
4.	CSDX 204	Scripting Languages	3	20%
5.	CSDX 205	Information Retrieval	3	20%
6.	CSDX 206	Multimedia Design program	3	20%
7.	CSDX 207	Sound Editing and processing	3	20%

8.	CSDX 208	Multimedia Application Development.	3	20%

II. B.Tech. CSE (Internet of Things) under R2021

Semester III & IV (AY 2022-23)

a) Courses with Syllabus revision (Proposed):

Sl. No.	Course Code	Course Title	Credits	Revision (%)
1.	CSD 2241	Microprocessor and Embedded System Design	3	90%
2.	CSD 2242	Microprocessor and Embedded System Design Laboratory	1	50%

III. B.Tech. CSE (Cyber Security)

Semester III & IV (AY 2022-23)

a) New Courses (Proposed):

S. No	Course Code	Course Title	Credits
1.	CSD 2231	Computer and Information Security Fundamentals	3
2.	CSD2232	Information Security Laboratory	1

IV. B.Tech. Artificial Intelligence and Data Science) under R 2021

A. Semester I & II (AY 2021-22)

i) Courses with Syllabus revision (Proposed):

Sl. No.	Course Code	Course Title	Credits	Revision(%)
1.	CSD 1251	Artificial Intelligence	3	30

B. Semester III and IV (AY 2022-23)

i) Courses with Syllabus revision (Proposed):

Sl. No.	Course Code	Course Title	Credits	Revision(%)
1.	CSD 2152	Programming in Python Language	3	20
2.	CSD 2153	Principles of Software Engineering	3	25

3.	CSD 2154	Database Management and SQL	3	20
4.	CSD 2155	Foundations of Data Structures Laboratory	1	20
5.	CSD 2156	Database Management and SQL Laboratory	1	20
6.	CSD 2157	Python Programming Laboratory	1	20
7.	CSD 2251	Networking Methodologies	4	40
8.	CSD 2253	Knowledge Engineering	3	20
9.	CSD 2254	Data Warehousing and Data Mining	3	20
10.	CSD 2256	Fundamentals of Operating System	3	20
11.	CSD 2258	Data Mining Tools Laboratory	1	20

The curriculum and syllabi of the courses (III & IV Semester) of B.Tech. Computer Science and Engineering; B.Tech. CSE (Internet of Things); B.Tech. CSE (Cyber Security) and B.Tech. (Artificial Intelligence and Data Science)under R 2021 are given in **Annexure 18.14.1(a)**, **18.14.1(b)**, **18.14.1(c)**&**18.14.1(d)**

The Academic Council may consider and approve the same for implementation from the academic year 2022-23.

Resolution:

After deliberations, the agenda item was approved.

Item 18.14.2

To consider and approve the syllabi of elective courses of B.Tech. (Artificial Intelligence and Data Science) and B.Tech. CSE (Cyber Security) under Regulations 2017.

Note on Agenda:

The syllabi of elective courses offered to of B.Tech. (Artificial Intelligence and Data Science) and B.Tech. CSE (Cyber Security) were deliberated in the 19th Board of Studies of Department of Computer Science & Engineering held on 28.12.2021. After deliberations,

the board has recommended the same for approval in the Academic Council.

i. B.Tech. (Artificial Intelligence and Data Science) – New Elective Courses

Course Code	Course Name	Credits
CSCX 501	IoT Architecture and Protocol	3
CSCX 502	Intelligent Information Retrieval	3
CSCX 503	Digital Image Processing	3
CSCX 504	Advanced Python for Data science	3
CSCX 505	Web and Social Media Mining	3
CSCX 506	Statistics for Business Analytics	3
CSCX 507	Automata Theory	3
CSCX 508	Web and Social Media Analytics	3
CSCX 509	Advanced Artificial Intelligence Systems	3
CSCX 510	Cognitive Analytics	3
CSCX 511	Secure Cloud Computing	3
CSCX 512	Security Risk Assessment and Management	3
CSCX 513	Information Security	3
CSCX 515	Cyber Crime and Computer Ethics	3
CSCX 516	Secure Web App	3

ii. B.Tech. CSE (Cyber Security) – New Elective Courses

Course Code	Course Name	Credits
CSC X 301	Agile Software Development	3
CSC X 303	Malware Analysis	3
CSC X 305	Secure Software Development Life Cycle	3
CSCX 302	Multimedia security	3
CSC X 407	Cyber Crime Investigation and Digital Forensics	3
CSC X 408	Information Security Intelligence and Compliance Analytics Using Big Data	3

CSC X 409	Penetration Testing and Vulnerability Assessment	3
CSC X 410	legal Issues in Information Assurance	3
CSC X 411	Secure Electronic Commerce	3
CSC X 412	Cloud Security	3
CSC X 306	Block Chain & Crypto currency Technology	3
CSC X 307	Security in Industry 4.0	3
CSC X 308	Security Governance, Risk and compliance	3
CSC X 309	Operating System Security	3
CSC X 310	Android Security	3
CSC X 311	Security in Smart devices	3
CSC X 312	Cognitive Psychology in Cyber Security	3

The syllabi of the elective courses of B.Tech. (Artificial Intelligence and Data Science) and B.Tech. CSE (Cyber Security) under R 2017 are given in **Annexure 18.14.2(a) &18.14.2(b)**.

The Academic Council may consider and approve the same for implementation from the academic year 2022-23.

Resolution:

After deliberations, the agenda item was approved.

Item 18.14.3

To consider and approve the syllabi (II semester) of M.Tech. (Artificial Intelligence and Data Science) under Regulations 2019.

Note on Agenda:

The curriculum and syllabi of I semester M.Tech. (Artificial Intelligence and Data Science) was approved in the 17th meeting of Academic Council and accordingly implemented from the year AY 2021-2022.

In the 19th meeting of Board of Studies of Department of Computer Science & Engineering which was held on 28-12-2021, the syllabi of II semester courses of M.Tech. (Artificial Intelligence and Data Science) were deliberated. After deliberations the board has recommended the same for approval in the Academic Council.

The salient features of the M.Tech. (Artificial Intelligence and Data Science) curriculum under R 2019 are as follows:

I. Semester I & II (AY 2021-22)

a) New Courses introduced:

S.No.	Course Code	CourseTitle	Credit
1.	CSD 6121	Advanced Data Structures	3
2.	CSD 6122	Artificial Intelligence in Data Mining	4
3.	CSD 6123	Essentials of Artificial Intelligence and Machine Learning	3
4.	CSD 6144	Data Science Foundations using R	4
5.	CSD 6221	Natural Language Processing	3
6.	CSD 6222	Deep Learning	4
7.	CSDY 301	SQL for Data Science	3
8.	CSDY 303	Exploratory Data Analytics	3
9.	CSDY 351	Business Intelligence	3
10.	CSDY 306	Soft Computing Techniques	3
11.	CSDY 307	Artificial Neural Networks	3
12.	CSDY 308	Knowledge Engineering and Expert Systems	3
13.	CSDY 309	Scripting languages	3
14.	CSDY 310	Distributed, Parallel and Spatial Databases	3
15.	CSDY 311	Data Visualization	3
16.	CSDY 353	Optimization methods for Analytics	3
17.	CSDY 354	Knowledge Representation and Reasoning	3
18.	CSDY 355	Data Science with Bio Informatics	3
19.	CSDY 359	Web Analytics	3

The curriculum and syllabi of M.Tech. (Artificial Intelligence and Data Science) under R 2019 are given in **Annexure 18.14.3.**

The Academic Council may consider and approve the same for implementation from the academic year 2021-22.

Resolution:

After deliberations, the agenda item was approved.

Item 18.14.4

To consider and approve the syllabi of the elective courses offered to B.Tech. EEE under Regulations 2021.

Note on Agenda:

The syllabi of elective courses offered to B.Tech. EEE under R2021 were deliberated in the 19th meeting of Board of Studies of Department of Computer Science & Engineering held on 28-12-2021. After deliberations, the board has recommended the same for approval in the Academic Council.

B.Tech. EEE R2021 - Elective Courses

i   CSDX 81 – Introduction to Cloud Computing

ii   CSDX 82 – Computer Hardware and Interfacing

iii   CSDX 83 – Computer Networks

iv   CSDX 84 – Fundamentals of Data Structures

v   CSDX 85 – Java Programming

The syllabi of elective courses offered to B.Tech. EEE under R 2021 are given in **Annexure 18.14.4.**

The Academic Council may consider and approve the same for implementation from the academic year 2022-23.

Resolution:

After deliberations, the agenda item was approved.

Item 18.14.5

To consider and approve the syllabi of the courses offered to B.Tech. EIE under Regulations 2021.

Note on Agenda:

The syllabi of courses offered to B.Tech. EIE under R2021 were deliberated in the 19th meeting of Board of Studies of Department of Computer Science & Engineering held on 28-12-2021. After deliberations, the board has recommended the same for approval in the Academic Council.

B.Tech. EIE R2021 - Elective Course

i EID 2204 - Python for Instrumentation Engineers

ii EID X62 - R Programming

The syllabi of elective courses offered to B.Tech. EIE under R 2021 are given in

Annexure 18.14.5

The Academic Council may consider and approve the same for implementation from the academic year 2022-23.

Resolution:

After deliberations, the agenda item was approved.

DEPARTMENT OF INFORMATION TECHNOLOGY

Item 18.15

To consider and approve the recommendations of the Board of Studies of the Department of Information Technology.

Item 18.15.1

To consider and approve the syllabi (III & IV semester) of B.Tech. Information Technology under Regulations 2021.

Note on Agenda:

The major revision in curriculum of B.Tech. Information Technology under R 2021 & Syllabi of I & II Semester courses was approved in the 17th meeting of Academic Council and accordingly implemented from the AY 2021-2022.

In the 15th meeting of Board of Studies of Department of Information Technology which was held on 16.12.2021, the syllabi of III & IV Semester Courses were deliberated. After deliberations the board has recommended the same for approval in the Academic Council.

The salient features of the B.Tech. Information Technology curriculum under R 2021 with respect to 'Introduction of New Courses' and 'Courses with Syllabus Revision' are as follows:

I. Semester I & II (AY 2021-22)

  a) New Courses introduced:

Course Code	Course Title	Credits
ITD 1201	Programming in C++	3

II. Semester III & IV (AY 2022-23)

  a) New Courses Proposed:

Course Code	Course Title	Credits
ITD 2104	Data Structures and Algorithms	3

ITD 2106	Data Structures and Algorithms Lab	1
ITD 2201	Programming in Java	3
ITDX 03	Principles of Programming Languages	3
ITDX 04	Graphics and Multimedia	3
ITDX 05	Human Computer Interaction	3

b) Courses with Syllabus Revision (Proposed):

Course Code	Course Title	Credits	Revision (%)
ITD 2102	Programming in Python	3	20%
ITD 2103	Computer Architecture	3	20%
ITD 2105	Fundamentals of Web Designing	3	40%
ITD 2202	Database Management System	4	20%
ITD 2203	Computer Networks	4	20%
ITD 2204	Software Engineering	3	24%
ITD 2205	Operating Systems	4	20%
ITDX 02	Android Application Development	3	40%
ITDX 26	Principles of Communication	3	20%

The curriculum and syllabi of the courses (III & IV Semester) of B.Tech. IT under R 2021 are given in **Annexure 18.15.1.**

The Academic Council may consider and approve the same for implementation from the academic year 2022-23.

Resolution:

After deliberations, the agenda item was approved.

DEPARTMENT OF COMPUTER APPLICATIONS

Item 18.16

To consider and approve the recommendations of the Board of Studies of the Department of Computer Applications.

Item 18.16.1

To consider and approve the revised curriculum and syllabi (III & IV semester) of BCA under Regulations 2021.

Note on Agenda:

The major revision in curriculum of BCA under Regulation 2021 and syllabi of I & II semester courses was approved in the 17th meeting of Academic Council and accordingly implemented from the academic year 2021-2022.

In the 16th meeting of Board of Studies of the Department of Computer Applications, which was held on 23rd December 2021, revision in curriculum and the syllabi of III and IV semester courses were deliberated. After deliberations, the board has recommended the same for approval in the Academic Council.

In the curriculum, under IV Semester technology elective courses, the course 'CADX 204 – Web Design and Development' was replaced by the course 'Web Technology'.

Based on industry needs, we are replacing the following course:

CADX 204 - Web Design and Development

CADX 208 - Web Design Laboratory in semester IV of BCA

As New Course:

CADX 204 - Web Technology

CADX 208 - Web Technology Laboratory in semester IV of BCA

The introduction of new specializations viz. (i) Cyber security and (ii) Artificial Intelligence in the BCA under R 2021 was also deliberated and approved by the board of studies.

The salient features of the BCA curriculum under R 2021 with respect to 'Introduction of New Courses' and 'Courses with Syllabus Revision' are as follows:

I. Semester I and II (AY 2021-2022)

a) Courses with Syllabus Revision:

Course Code	Course Title	Credits	Revision (%)
Core Courses			
CAD 1101	Computer Fundamentals and Organization	3	40%
CAD 1102	Programming in C	3	30%
CAD 1103	Data Structures	3	20%
CAD 1201	OOPS with C++	3	30%
CAD1202	Operating Systems	3	40%
Laboratory Courses			
CAD 1104	Programming in C Laboratory	2	30%

CAD 1105	Data Structures Laboratory	2	40%
CAD 1203	OOPS with C++ Laboratory	2	40%
CAD 1204	Linux Laboratory	2	40%

II. Semester III and IV (AY 2022-2023)

a) New courses Proposed:

Course Code	Course Title	Credits
CAD 2101	Design and Analysis of Algorithms	3
CADX 202	Business Intelligence	3
CADX 214	Exploratory Data Analytics	3
CADX 204	Web Technology	3
CADX 251	Information Retrieval	3
CADX 252	Social Media Analysis	3
CADX 253	Online Advertisement	3
CADX 254	PHP Programming	3
GEDX 311	Customer Relationship Management Analytics	3
CADX 208	Web Technology Laboratory	2

b) Courses with syllabus revision (Proposed):

Course Code	Course Title	Credits	Revision (%)
Core courses			
CAD 2102	Software Engineering	3	20%
CAD 2103	Relational Data base Management Systems	3	20%
CAD 2104	Computer Networks	3	30%
CAD 2105	Programming in Java	3	40%
CAD2201	Python Programming	3	40%
CADX103	Introduction to Data Science	3	30%
CADX101	Introduction to Cloud Technology	3	30%

CADX 201	Fundamentals of Data center	3	20%
CADX 203	Information Security Fundamentals	3	20%
Laboratory Courses			
CAD 2106	Relational Data base Management Systems Laboratory	2	20%
CAD2107	Programming in JAVA Laboratory	2	30%
CAD 2203	Python Programming Laboratory	2	70%
CADX 211	Big Data Analytics Laboratory	2	30%
CADX 209	Server Operating System Laboratory	2	10%

The revised curriculum and syllabi of the courses (III and IV Semester) of BCA under R 2021 are given in **Annexure 18.16.1.**

The Academic Council may consider and approve the same for implementation from the academic year 2022-23.

Resolution:

After deliberations, the agenda item was approved.

Item 18.16.2

To consider and approve the Syllabi of (III and IV semester) of B.Sc. (Computer Science) under Regulations 2021.

Note on Agenda:

The major revision in curriculum of B.Sc. (Computer Science) under Regulation 2021 and syllabi of I and II semester courses was approved in the 17th meeting of Academic Council and accordingly implemented from the academic year 2021-2022.

In the 16th meeting of Board of Studies of Department of Computer Applications, which was held on 23rd December 2021, the syllabi of III and IV semester courses were deliberated. After deliberations, the board has recommended the same for approval in the Academic Council.

The salient features of the B.Sc. (Computer Science) curriculum under R 2021 with respect to 'Introduction of New Courses' and 'Courses with Syllabus Revision' are as follows:

I. Semester I & II (AY 2021- 2022)

a) Courses with Syllabus Revision

Course Code	Course Title	Credits	Revision (%)
Core Courses			
CAD1101	Computer Fundamentals and Organization	3	40%
CAD1102	Programming in C	3	30%
CAD1103	Data Structures	3	20%
CAD1201	OOPS with C++	3	30%
CAD1202	Operating Systems	3	40%
Laboratory Courses			
CAD1104	Programming in C Laboratory	2	30%
CAD1105	Data Structures Laboratory	2	40%
CAD1203	OOPS With C++ laboratory	2	40%
CAD1204	Linux Laboratory	2	40%

II. Semester III & IV (AY 2022- 2023)

a) New courses Proposed:

Course Code	Course Title	Credits
Core Courses		
CAD2103	Design and Analysis of Algorithms	3
CAD2108	Digital Marketing	3
Elective Courses		
CADX251	Information Retrieval	3
CADX252	Social Media Analysis	3
CAD253	Online Advertising	3
CAD254	PHP Programming	3
GEDX311	Customer Relationship Management Analytics	3

b) Courses with Syllabus Revision (Proposed):

Course Code	Course Title	Credits	Revision (%)
Core Courses			
CAD2102	Software Engineering	3	20%
CAD2103	Relational Data base Management Systems	3	20%
CAD2104	Computer Networks	3	30%

CAD2105	Programming in JAVA	3	40%
CAD2201	Python Programming	3	40%
CAD2204	Web Design and Development	3	30%
CAD2205	Data mining and Data Warehousing	3	30%
CAD2206	Object Oriented Analysis and Design	3	20%
Laboratory Courses			
CAD2106	Relational Data base Management Systems Laboratory	2	20%
CAD2107	Programming in JAVA Laboratory	2	30%
CAD2203	Python Programming Laboratory	2	70%
CAD2207	Web Design Laboratory	2	30%

The curriculum and syllabi of the courses (III and IV Semester) of B.Sc. (Computer Science) under R 2021 are given in **Annexure 18.16.2**. The Academic Council may consider and approve the same for implementation from the academic year 2022-23.

Resolution:

After deliberations, the agenda item was approved.

Item 18.16.3

To consider and approve the revised curriculum and syllabi of elective courses in the MCA Programme under Regulations 2019.

Note on Agenda:

Based on the alumni, stakeholders, parents feedback, the courses 'Cyber Security' and 'Full Stack Development' are updated in the elective list of MCA curriculum framework under Regulations 2019 as follows:

Course Code	Course Title	Credits
CADY 255	Cyber Security	3
CADY 371	Full Stack Development	3

Based on feedback from faculty and students, the following elective courses were removed from the curriculum.

Course Code	Course Title	Credits
CADY 351	Mobile Commerce	3

CADY 354	Principles of Virtualization	3
CADY 355	Cloud Architectures	3
CADY 356	Cloud Storage Infrastructures	3
CADY 359	Semantic Web	3
CADY 362	Web Mining	3
CADY 363	Data Mining and Data Warehousing	3
CADY 365	Social Media Analytics	3
CADY 366	Health Care Analytics	3
CADY 368	Decision Support System	3
CADY 369	Predictive Analysis	3
CADY 370	Internet of Things	3

These revisions were discussed in the Board of Studies of the Department of Computer Applications and the board has recommended the same for approval. The revised curriculum framework and syllabi is enclosed in **Annexure 18.16.3.**

The Academic Council may consider and approve the same with effect from academic year 2021-22.

Resolution:

After deliberations, the agenda item was approved.

DEPARTMENT OF MATHEMATICS AND ACTUARIAL SCIENCES

Item 18.17

To consider and approve the recommendations of the board of studies of the Department of Mathematics & Actuarial Sciences

Item No. 18.17.1

To consider and approve the introduction of new courses and revision of courses to be offered to Ph.D scholars of the Department of Mathematics & Actuarial Sciences

Note on Agenda:

In the 13th meeting of Board of Studies of Department of Mathematics & Actuarial Sciences the introduction of new courses and revision in courses as follows were deliberated in detail, in order to facilitate Ph.D scholars to pursue these courses. After deliberations, the board has recommended the same for approval in the Academic Council.

a) **Details of new courses:**

Course Code	Course Name	Credit
MADZ 01	Fundamentals of Chemical Graph Theory	4
MADZ 02	Mathematical Modeling: Analysis and Applications	4
MADZ 03	Fractional Calculus and Fractional Differential Equations	4

b) Details of Courses with syllabus revision:

Course Code	Course Name	Credits	Revision (%)
MADZ 04	Advanced Numerical Analysis	4	20%
MADZ 05	Bio Statistics	4	30%
MADZ 06	Mathematical Logic	4	20%
MADZ 07	Advanced Analysis	4	20%
MADZ 08	Geometric Function Theory	4	20%
MADZ 09	Graph Theory	4	20%
MADZ 10	Fuzzy Mathematics	4	30%
MADZ 11	Operations Research	4	30%
MADZ 12	Mathematical Elements for Computer Graphics	4	20%
MADZ 13	Mathematical Modeling and Simulation	4	20%
MADZ 14	Neural Networks	4	20%
MADZ 15	Financial Mathematics	4	20%
MADZ 16	Computer Algorithms	4	20%

The syllabi of the above courses are given in **Annexure 18.17.1**.

The Academic Council may consider and approve the same.

Resolution:

After deliberations, the agenda item was approved.

SCHOOL OF LIFE SCIENCES

Item No. 18.18

To consider and approve the recommendations of the Board of Studies of the School of Life Sciences.

Item No. 18.18.1

To consider and approve the syllabi (III to VIII semester) of B.Tech. Biotechnology under Regulations 2021.

Note on Agenda:

The major revision in curriculum of B.Tech. Biotechnology under R 2021 & Syllabi of I & II Semester courses was approved in the 17th meeting of Academic Council and accordingly implemented from the year AY 2021-2022.

In the 8th meeting of Board of Studies of School of Life Sciences which was held on 05 July 2021, the syllabi of III to VIII Semester Courses were deliberated. After deliberations, the board has recommended the same for approval in the Academic Council.

The salient features of the B.Tech. Biotechnology curriculum under R 2021 with respect to 'Introduction of New Courses' and 'Courses with Syllabus Revision' are as follows:

I. Semester I & II (AY 2021-22)

    a) New Courses introduced:

Course Code	Course Name	Credits
MAD 1182	Biomathematics	4
BTD 1204	Yoga and alternative medicine	1
GED 1203	Basic Electrical Engineering	4

    b) Courses with Syllabus revision:

Course Code	Course Name	Credits	Revision (%)
BTD1203	Microbiology	3	20%

II. Semester III and IV (AY 2022-23)

a) New Courses Proposed:

Course Code	Course Name	Credits
BTD 2105	Technical Seminar	2
BTD 2202	Green Biotechnology and Pollution Abetment	2
BTD 2205	Bioinformatics and Chemoinformatics	4
BTD 2205	Project Based Learning and Comprehensive viva voice	1
BTDX 03	Big Data Analytics	3

b) Courses with syllabus revision (Proposed):

Course Code	Course Name	Credits	Revision (%)
BTD2103	Fundamentals of Chemical Engineering	4	20%
BTD2203	Immunotechnology	4	20%
BTD2201	Plant and Animal Biotechnology	4	20%
BTD 2204	Recombinant DNA Technology	3	20%
BTD2101	Biophysics	4	20%
BTD2104	Analytical Techniques	4	20%
BTDX01	Structural Biology	3	20%
BTDX02	Bio-Organic Chemistry	3	20%
BTDX04	Medical Biotechnology	3	20%

III. Semester V & VI (AY 2023-24)

a) New Courses Proposed:

Course Code	Course Name	Credits
BTD 3101	Good Manufacturing and Laboratory Practice	3
BTD 3203	Fermentation Technology and Bioreactor Design	4
BTDX 12	Genome Editing	3
BTDX 13	Biosimilars Technology	3
BTDX 14	Machine Learning	3
BTDX 33	Molecular and Cellular Diagnostics	3
BTDX 35	Artificial Intelligence for Biotechnology	3
BTDX 36	Waste Management and Upcycling	3
BTDX 38	Gene Expression and Transgenics	3

b) Courses with syllabus revision (Proposed):

Course Code	Course Name	Credits	Revision (%)
BTD3102	Bioprocess Engineering	4	20%
BTD 3201	Nanobiotechnology	3	20%
BTD3202	Food Biotechnology	3	20%
BTDX11	Cancer Biology	3	20%

BTDX15	Developmental Biology	3	20%
BTDX16	Tissue Engineering	3	20%
BTDX17	Drug Design and Development	3	20%
BTDX18	Biosafety and Bioethics	3	20%
BTDX31	Intellectual Property Rights	3	20%
BTDX32	Pharmaceutical Biotechnology	3	20%
BTDX33	Molecular & Cellular Diagnostics	3	20%
BTDX34	Molecular Pathology	3	20%
BTDX37	Stem Cells Technology	3	20%

IV. Semester VII & VIII (AY 2024-25)

a) New Courses Proposed:

Course Code	Course Name	Credits
BTD 4101	Data Analysis and Simulations	3
BTD 4102	Internship II	1
BTDX 60	Rational Drug Discovery	3
BTDX 61	State-of-the-art Imaging	3
BTDX 62	Precision Medicine and Wellness	3
BTDX 68	Material science	3
BTDX 73	Vaccine Technology	3
BTDX 74	Drug Formulation and Drug Delivery	3
BTDX 75	Regulatory Affairs for Biotechnology	3

b) Courses with syllabus revision (Proposed):

Course Code	Course Name	Credit	Revision (%)
BTDX63	Industrial Biotechnology	3	20%
BTDX64	Bioseparation Technology	3	20%
BTDX65	Proteomics & Genomics	3	20%
BTDX66	Biomedical Instrumentation	3	20%
BTDX68	Material science	3	20%
BTDX69	Biomedical Engineering	3	20%
BTDX70	Healthcare Biotechnology	3	20%
BTDX71	Molecular Farming	3	20%

BTDX72	Transport phenomena in Bioprocess	3	20%

The curriculum and syllabi of the courses (III to VIII Semester) of B.Tech. Biotechnology under R 2021 are given in **Annexure 18.18.1**

The Academic Council may consider and approve the same for implementation from the academic year 2022-23.

<u>**Resolution:**</u>

After deliberations, the agenda item was approved.

Item No.18.18.2

To consider and approve the syllabi (III to VI semester) of B.Sc. Biotechnology under Regulations 2021.

Note on Agenda:

The major revision in curriculum of B.Sc. Biotechnology under R 2021 & Syllabi of I & II Semester courses was approved in the 17th meeting of Academic Council and accordingly implemented from the AY 2021-2022.

In the 8th meeting of Board of Studies of School of Life Sciences, which was held on 05 July 2021, the syllabi of III to VI Semester Courses were deliberated. After deliberations the board has recommended the same for approval in the Academic Council.

The salient features of the B.Sc. Biotechnology curriculum under R 2021 with respect to 'Introduction of New Courses' and 'Courses with Syllabus Revision' are as follows:

I. Semester I & II (AY 2021-22)

a) New Courses introduced:

Course Code	Course Name	Credits
LSD 1201	Biomolecules	4
LSD 1202	Biomolecules Laboratory	2
LSD 1204	Basics of Genetics Laboratory	2
LSDX 003	Environmental Biotechnology	4
LSDX 004	Environmental Biotechnology Laboratory	2
LSDX 005	Pharmacology	4
LSDX 006	Pharmacology Laboratory	2
LSDX 007	Biopharmaceutics and Pharmacokinetics	4
LSDX 008	Biopharmaceutics and Pharmacokinetics Laboratory	2

LSDX 009	Waste Management	4
LSDX 010	Waste Management Laboratory	2
LSDX 012	Herbal Technology Laboratory	2

b) Courses with syllabus revision:

Course Code	Course Name	Credits	Revision (%)
LSD 1101	Cell Biology	4	20%
LSD 1102	Cell Biology Laboratory	2	20%
LSD 1103	Microbiology	4	20%
LSD 1104	Microbiology Laboratory	2	20%
LSD 1203	Basics of Genetics	4	20%

II. Semester III and IV (AY 2022-23)

a) New Courses Proposed:

Course Code	Course Name	Credits
LSD 2106	Enzymology Laboratory	2
LSD 2104	Molecular Biology Laboratory	2
LSD 2204	Medical Biotechnology Laboratory	2
LSDX 014	Biostatistics and experimental designing Laboratory	2
LSDX 016	Bioinstrumentation Laboratory	2
LSDX 017	Phytochemistry	4
LSDX 018	Phytochemistry Laboratory	2
LSDX 019	Artificial Intelligence in Medicine	4
LSDX 020	Artificial Intelligence Laboratory	2
LSDX 021	Intellectual Property Rights	4
LSDX 022	Patent drafting and application Laboratory	2
LSDX 023	Bioentrepreneurship	4
LSDX 024	Bioentrepreneurship Laboratory	2

b) Courses with syllabus revision (Proposed):

Course Code	Course Name	Credits	Revision (%)
LSD 2101	Biochemistry	4	20%
LSD 2102	Biochemistry Laboratory	2	20%
LSD 2103	Molecular Biology	4	20%

LSD 2105	Enzymology	4	20%
LSD 2201	Bioprocess Technology	4	20%
LSD 2202	Bioprocess Technology Laboratory	2	20%
LSD 2203	Medical Biotechnology	4	20%
LSD 2205	Bioinformatics	4	20%
LSD 2206	Bioinformatics Laboratory	2	20%

III. Semester V & VI (AY 2023-24)

a) New Courses Proposed:

Course Code	Course Name	Credits
LSDX 052	Disease Management Laboratory	2
LSDX 054	Cytogenetics Laboratory	2
LSDX 056	Agricultural Biotechnology Laboratory	2
LSDX 058	Nanobiotechnology Laboratory	2
LSDX 059	Regenerative Medicine	4
LSDX 060	Regenerative Medicine Laboratory	2
LSDX 062	Cancer Biology Laboratory	2
LSDX 063	Developmental Biology	4
LSDX 064	Developmental Biology Laboratory	2
LSDX 066	Food Biotechnology Laboratory	2
LSDX 068	Biofertilizer Technology Laboratory	2
LSDX 069	Computer aided Drug Design	4
LSDX 070	Computer aided Drug Design Laboratory	2
LSDX 071	Biomass and Bioenergy	4
LSDX 072	Biomass and Bioenergy Laboratory	2
LSDX 074	rDNA Technology Laboratory	2
LSDX 076	Industrial Biotechnology Laboratory	2
LSDX 077	Molecular Farming	4
LSDX 078	Molecular Farming Laboratory	2
LSDX 080	Biophysics Laboratory	2
LSDX 081	Molecular Diagnostics	4
LSDX 082	Molecular Diagnostics Laboratory	2
LSDX 083	Downstream Process	4

LSDX 084	Downstream Process Laboratory	2

b) Courses with syllabus revision (Proposed):

Course Code	Course Name	Credits	Revision (%)
LSD 3101	Plant Biotechnology	4	20%
LSD 3102	Plant Biotechnology Laboratory	2	20%
LSD 3103	Animal Biotechnology	4	20%
LSD 3104	Animal Biotechnology Laboratory	2	20%
LSD 3201	Immunotechnology	4	20%
LSD 3202	Immunotechnology Laboratory	2	20%
LSD 3203	Genomics and Proteomics	4	20%
LSD 3203	Genomics and Proteomics Laboratory	2	20%

The curriculum and syllabi of the courses (III to VI Semester) of B.Sc. Biotechnology under R 2021 are given in **Annexure 18.18.2**.

The Academic Council may consider and approve the same for implementation from the academic year 2022-23.

Resolution:

After deliberations, the agenda item was approved.

Item No. 18.18.3

To consider and approve the syllabi (III & IV semester) of M.Tech. Food Biotechnology under Regulations 2019.

Note on Agenda:

The major revision in curriculum of M.Tech. Food Biotechnology under R 2019 & Syllabi of I & II Semester courses was approved in the 17th meeting of Academic Council and accordingly implemented from the AY 2021-2022.

In the 8th meeting of Board of Studies of School of Life Sciences, which was held on 05 July 2021, the syllabi of III & IV Semester Courses were deliberated. After deliberations, the board has recommended the same for approval in the Academic Council.

The salient features of the M.Tech. Food Biotechnology curriculum under R 2019 with respect to 'Introduction of New Courses' and 'Courses with Syllabus Revision' are as follows:

I. Semester I & II (AY 2021-22)

a) New Courses introduced:

Course Code	Course Name	Credits
LTD 6111	Chemistry of Foods	4
LTD 6112	Modern Food Microbiology	4
LTD 6113	Advanced Nutritional Biochemistry	4
LTD 6114	Modern Food Processing Techniques	3
LTD 6101	Applied Biostatistics for Biotechnologists	3
LTD 6211	Technology in Food Packaging	4
LTD 6212	Applied Food Biotechnology	4
LTD 6213	Research Methodology	4
LTDY 051	Aromatic and Medicinal Plants	3
LTDY 052	Sanitation and Waste Management in Food Industries	3
LTDY 053	Functional Foods and Nutraceuticals	3
LTDY 054	Applications of Enzymes in Food Industry	3
LTDY 055	Quality Evaluation of Foods	3
LTDY 056	Food Standards & Quality Control	3
LTDY 057	Management of Halal Food	3
LTDY 081	Flavour Processing Technology	3
LTDY 082	Meat Process Technology	3
LTDY 083	Marine Food Process Technology	3
LTDY 084	Food Informatics	3
LTDY 085	Post - Harvest Technology of Fruits and Vegetables	3

II. Semester III & IV (AY 2022-23)

a) New Courses Proposed:

Course Code	Course Name	Credits
LTD 7111	Internship	1

LTD 7112	Project Work (Phase I)	6
LTD 7121	Project Work (Phase II)	18
LTDY 086	Dairy Technology	3
LTDY 087	Food Nutrigenomics	3
LTDY 088	Food Product Design and Development	3
LTDY 089	Food Regulatory Affairs and Food Certification	3
LTDY 090	Global Food Marketing Development & Aid Policy	3
LTDY 091	Food Safety Assessment	3

The curriculum and syllabi of the courses (III to IV Semester) of M.Tech. Food Biotechnology under R 2019 are given in **Annexure 18.18.3.**

The Academic Council may consider and approve the same for implementation from the academic year 2022-23.

Resolution:

After deliberations, the agenda item was approved.

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CRESCENT SCHOOL OF BUSINESS
DEPARTMENT OF MANAGEMENT STUDIES

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Item No. 18.19

To consider and approve the recommendations of the board of studies of the Crescent School of Business

Item No. 18.19.1

To consider and approve the syllabi of (III & IV semester) of MBA under Regulations 2021

Note on Agenda:

The major revision in the curriculum of MBA under R 2021 & syllabi of I & II semester courses was approved in the 17th meeting of Academic Council and accordingly implemented from the AY 2021-2022.

In the 12th meeting of Board of Studies of Crescent School of Business, which was held on 28th January 2022, the syllabi of III & IV semester courses were deliberated. After deliberations, the board has recommended the same for approval in the Academic Council.

The salient features of the MBA curriculum under R 2021 with respect to 'Introduction of New Courses' and 'Courses with Syllabus Revision' are as follows:

I. Semester I & II (AY 2021-22)

a) New Courses introduced:

Course Code	Course Name	Credit
MSE 6103	Statistics for Decision Making	4
MSE 6108	Computer Applications in Business Lab	1
MSE 6109	Business Communication Lab	1
MSE 6203	Corporate Finance	4
MSE 6204	Operations Management	4

b) Courses with Syllabus revision:

Course Code	Course Name	Credits	Revision (%)
MSE 6104	Accounting for Managers	4	80%
MSE 6204	Operations Management	4	80%

II. Semester III & IV (AY 2022-23)

a) New Courses (Proposed):

Course Code	Course Name	Credit
MSE 7101	Managing Disruptive Technologies	4
MSEY 016	Behavioural and Personal Finance	4
MSEY 018	Financial Management	4
MSEY 064	Materials Management	4
MSEY 069	Applied Operations Research	4
MSEY 086	Managing Family Business	4
MSEY 131	Fundamentals of Banking	4
MSEY 132	Legal Aspects of Banking	4
MSEY 133	Risk Management in Banks	4
MSEY 134	Retail Banking	4
MSEY 135	Treasury and Derivative Management	4
MSEY 136	International Banking and Forex Management	4
GEEY 127	Food and Agri Tech Business	4
GEEY 130	NGO Management	4

b) Courses with Syllabus revision (Proposed):

Course Code	Course Name	Credits	Revision (%)
MSEY 019	Financial Markets and Services	4	90%
MSEY 020	Financial Technology	4	70%
MSEY 036	Strategic Human Resource Management	4	60%
MSEY 061	Supply Chain Management	4	80%
MSEY 121	R Programming for Business Research Analytics	4	60%
MSEY 122	Python Programming	4	50%
MSEY 123	Data Visualization	4	90%
MSEY 141	Design Thinking and Innovation	2	90%
MSEY 142	Strategic Leadership and Governance	2	90%
MSEY 143	Sustainability Management	2	90%
MSEY 144	Balanced Score Card	2	90%
GEEY 128	Research Methodology and Data Analysis	4	70%
GEEY 129	Business Analytics	4	40%
GEEY 131	Management of Rural Business	4	60%

The curriculum and syllabi of the courses (III & IV Semester) of MBA under R 2021 are given in **Annexure 18.19.1**

The Academic Council may consider and approve the same for implementation from the academic year 2022-23.

Resolution:

After deliberations, the agenda item was approved.

Item No. 18.19.2

To consider and approve the syllabi (II semester) of MBA IEV under Regulations 2021

Note on Agenda:

The new curriculum of MBA IEV under R 2021 and syllabi of I semester courses was approved in the 17th meeting of Academic Council and accordingly implemented from the AY 2021-2022.

In the 12th meeting of Board of Studies of Crescent School of Business, which was held on 28th January 2022, the syllabi of II semester courses were deliberated. After deliberations, the board has recommended the same for approval in the Academic Council.

The salient features of the MBA curriculum (I & II Semesters) under R 2021 with respect to 'Introduction of New Courses' and 'Courses with Syllabus Revision' are as follows:

I. Semester I & II MBA IEV (AY 2021-22)

a) New Courses introduced:

Course Code	Course Name	Credit
IEV 6101	Entrepreneurial & Managerial Thinking	4
IEV 6102	Entrepreneurial Eco System	3
IEV 6103	Innovation Management & Design Thinking	4
IEV 6104	Economic Perspectives for entrepreneurs	3
IEV 6105	Research orientation	2
IEV 6106	Creating Business Values	2
IEV 6107	Skill Certification	3
IEV 6108	Idea Generation and Proof of concept	3
IEV 6201	Feasibility Analysis	4
IEV 6202	Essentials of Business Plan	2
IEV 6203	Business Plan validation	2
IEV 6204	Skill Certification	4
IEV 6205	Action Based Learning	14
IEV 6206	Formulation of business plan and development of proto type	3

The curriculum and syllabi of the courses (II Semester) of MBA IEV under R 2021 are given in **Annexure 18.19.2.**

The Academic Council may consider and approve the same for implementation from the academic year 2021-22.

Resolution:

After deliberations, the agenda item was approved.

Item No. 18.19.3

To consider and approve the syllabus of the courses 'Advanced Statistical Techniques' and 'Electronic Human Resource Management' to offer to Ph.D Scholars.

Note on Agenda:

The syllabus of the courses 'Advanced Statistical Techniques' and 'Electronic Human Resource Management' were deliberated in the 12th meeting Board of Studies of Dept. of Management Studies to offer the same to Ph.D. Scholars. After deliberations, the board has recommended the same for approval in the Academic Council.

S. No.	Course Code	Course Name	Credit
1	GEEY 136	Advanced Statistical Techniques	4
2	MSEY 039	Electronic Human Resource Management	4

The syllabus of the course 'Advanced Statistical Techniques' and 'Electronic Human Resource Management' are given in **Annexure 18.19.3**.

The Academic Council may consider and approve the same.

Resolution:

After deliberations, the agenda item was approved.

CRESCENT SCHOOL OF PHARMACY

Item No. 18.20

To consider and approve the recommendations of the Board of Studies of Crescent school of pharmacy.

Item No. 18.20.1

To consider and approve the revision in curriculum and syllabi of B.Pharm. under regulations 2014.

Note on Agenda:

The PCI facilitated students of B.Pharm.to pursue one elective course from the skill packs/modules of Life Sciences Sector and Skill Development Council vide notification Ref.No;14-260/2014-PCI/4486 dt.30/09/2020 aliter to elective courses prescribed by PCI under Regulations 2014.

The following are the details of new elective courses introduced in the B.Pharm. under Regulations 2014.

Course Code	Course Title	Credits
LFS/Q1201	Production/Manufacturing Chemist-Life Sciences	4
LFS/Q1301	Quality Control Chemist	4
LFS/Q0302	Quality Assurance Chemist	4

LFS/Q0401,v 1.0	Medical Sales Representative	4
LFS/Q0401,v 2.0	Medical Sales Representative_v2	4
LFS/Q0501	Drug Regulatory Affairs Chemist	4
LFS/Q0503	Clinical Research Associate	4

The syllabi of above courses were deliberated in the 8th meeting of Board of Studies of Crescent School of Pharmacy, held on 06.12.2021. After deliberations the Board has recommended the same for approval in the Academic council.

The revised curriculum of B.Pharm and syllabi of newly introduced elective courses are given in **Annexure 18.20.1**.

The Academic Council may consider and approve the same.

Resolution:

After deliberations, the agenda item was approved.

Item No. 18.20.2

To consider and approve the syllabi of courses MPH101T - Modern Pharmaceutical Analytical Techniques and MPL202T-Pharmacological and Toxicological Screening Methods to offer Ph.D. Scholars of Crescent School of Pharmacy.

Note on Agenda:

Crescent School of Pharmacy is offering Ph.D. programme from the academic year 2020-2021 onwards. To cater the needs of the Ph.D. scholars the following courses are offered by Crescent School of Pharmacy.

Course code	Course Title	Credits
MPH101T	Modern Pharmaceutical Analytical Techniques	4
MPL202T	Pharmacological and Toxicological Screening Methods	4

The syllabi of these courses were deliberated in the Board of Studies and the same is recommended for approval in Academic Council. The syllabi of courses, MPH101T-Modern Pharmaceutical Analytical Techniques and MPL202T-Pharmacological and Toxicological Screening Methods are given in **Annexure 18.20.2**.

The Academic Council may consider and approve the same.

Resolution:

After deliberations, the agenda item was approved.

CRESCENT SCHOOL OF LAW

Item No. 18.21

To consider and approve the recommendations of the Board of Studies of Crescent School of law.

Item No. 18.21.1

To consider and ratify the syllabi of IX and X Semester of B.B.A. LL.B. (Hons.) and B.Com LL.B. (Hons.) under Regulations 2017.

Note on Agenda:

In the 8th meeting of Board of Studies of Crescent School of Law, which was held on 08th January 2022, the syllabi of IX and X Semester courses were deliberated. After deliberations, the board has recommended the same for ratification in the Academic Council.

The salient features of the syllabi of B.B.A LL.B. (Hons.) and B.Com LL.B. (Hons.) are as follows:

I. Semester IX (AY 2021 – 2022)

a) New Courses Introduced

Course Code	Course title	Credits
BLC 5101	Interpretation of statutes – honours	5
BLC 5102	Child law – honours	5
BLC 5103	Land law – honours	5
BLC 5104	Alternative dispute resolution – cc4	4
BLCX021	Women and law – elective	4
BLCX 022	Criminology, penology and victimology-elective	4
BLCX 023	Private international law	4
BLCX 024	Humanitarian and refugee law	4

II. Semester X (AY 2021 – 2022)

a) New Courses introduced:

Course Code	Course title	Credits
BLC 5201	Taxation law	5
BLC 5202	Competition law – honours vii	5
BLC 5203	Insurance law – honours viii	5
BLC 5204	Cyber laws	5
BLC 5205	Moot court – clinical course 5	5

The curriculum and syllabi of IX and X Semester courses are given in **Annexure 18.21.1 (a)**&**18.21.1(b)**.

The Academic Council may consider and ratify the same with effect from the Academic Year 2021-22.

Resolution:

After deliberations, the agenda item was ratified with effect from the Academic Year 2021-22.

Item No. 18.21.2

To consider and ratify the syllabi of V Semester of B.B.A LL.B. (Hons.) and B.A LL.B. (Hons.) courses under Regulations 2019.

Note on Agenda

In the 8th meeting of Board of Studies of Crescent School of Law, which was held on 08th January 2022, the syllabi of V Semester courses offered to B.B.A LL.B. (Hons.) and B.A LL.B. (Hons.) under Regulations2019 were deliberated. After deliberations, the board has recommended the same for ratification in the Academic Council.

The salient features of the V Semester syllabi of B.B.A LL.B. (Hons.) and B.A LL.B. (Hons.) courses under Regulations2019 are as follows:

I. Semester V – B.B.A LL.B. (Hons.) (AY 2021 – 2022)

a) New Courses Introduced

Course Code	Course title	Credits
BLD 3102	Human rights – honours i	5
BLD 3103	Property law	5
BLD 3104	Company law	5
BLD 3105	Financial management	5
BLD 3106	Production and material management	5

b) Courses with syllabus revision

Course Code	Course Title	Credits	Revision (%)
BLD 3101	Labour Law I	5	30%

II. Semester V – B.A LL.B. (Hons.) (AY 2021 – 2022)

a) New Courses introduced

Course Code	Course title	Credits
BLD 3102	Human rights – honours I	5
BLD 3103	Property law	5
BLD 3104	Company law	5
BLD 3107	Social welfare administration	5
BLD 3108	E – governance	4

b) Courses with syllabus revision

Course Code	Course Title	Credits	Revision (%)
BLD 3101	Labour Law I	5	30%

The curriculum and syllabi of the courses of V Semester of B.B.A LL.B. (Hons.) and B.A. LL.B. (Hons.) under Regulations 2019 are given in **Annexure 18.21.2 (a)**&**18.21.2(b).**

The Academic Council may consider and ratify the same with effect from the Academic Year 2021-22.

Resolution:

After deliberations, the agenda item was ratified with effect from the Academic Year 2021-22.

Item No. 18.21.3

To consider and approve the syllabi of VI to X Semester of B.B.A LL.B. (Hons.) and B.A. LL.B. (Hons.) courses under Regulations 2019.

Note on Agenda

In the 8th meeting of Board of Studies of Crescent School of Law, which was held on 08th January 2022, the syllabi of VI to X Semester courses of B.B.A LL.B. (Hons.) and B.A. LL.B. (Hons.) under Regulations 2019 were deliberated. After deliberations, the board has recommended the same for approval in the Academic Council.

The salient features of the syllabi of VI to X semester courses of B.B.A LL.B. (Hons.) and B.A LL.B. (Hons.) under Regulations 2019 with respect to 'Introduction of New Courses' and 'Courses with Syllabus Revision' are as follows:

I. Semester VI – B.B.A LL.B. (Hons.) – (AY 2021 – 2022)

a) New Courses Introduced

Course Code	Course title	Credits
BLD 3202	Public international law	5

BLD 3203	Law of evidence	5
BLD 3204	Interpretation of statutes	5
BLD 3205	Public finance	5
BLD 3206	Strategic management	4

b) Course with syllabus revision

Course Code	Course Title	Credits	Revision(%)
BLD 3201	Labour Law II	5	30%

II. Semester VI – B.A. LL.B. (Hons.) (AY 2021 – 2022)

a) New Courses Introduced

Course Code	Course Title	Credits
BLD 3202	Public international law	5
BLD 3203	Law of evidence	5
BLD 3204	Interpretation of statutes	5
BLD 3207	Government administration in Tamilnadu	4
BLD 3208	Police administration	4

b) Course with syllabus revision

Course Code	Course Title	Credits	Revision(%)
BLD 3201	Labour Law II	5	30%

III. SEMESTER VII – B.B.A LL.B. (Hons.) – (AY 2022 – 2023)

a) New Courses Proposed:

Course Code	Course title	Credits
BLD 4101	Criminal procedure code I	4
BLD 4102	Civil procedure code iI	4
BLD 4103	Drafting, pleading and conveyancing – CC1	5
BLD 4104	Quality management	5
BLDX 001	Right to information	4
BLDX 002	Health law	4
BLDX 003	Local self-government including panchayat administration	4
BLDX 004	Law on education	4

IV. SEMESTER VII – B.A. LL.B. (Hons.) – (AY 2022 – 2023)

a) New Courses Proposed

Course Code	Course Title	Credits
BLD 4101	Criminal Procedure Code I	4
BLD 4102	Civil procedure code I	4
BLD 4103	Drafting, pleading and conveyancing – cc1	5
BLD 4105	Public policy	5
BLDX 001	Right to information	4
BLDX 002	Health law	4
BLDX 003	Local self-government including panchayat administration	4
BLDX 004	Law on education	4

V. Semester VIII – B.B.A LL.B. (Hons.) & B.A. LL.B. (Hons) – (AY 2022 – 2023)

a) New Courses Proposed

Course Code	Course Title	Credits
BLD 4201	Criminal procedure code II	4
BLD 4202	Civil procedure code II	4
BLD 4203	Professional ethics – cc II	5
BLD 4204	Research methodology	4
BLDX 011	Maritime laws	4
BLDX 012	Media law	4
BLDX 013	Local laws	4
BLDX 014	Forensic laws	4

VI. Semester IX – B.B.A LL.B. (Hons.) & B.A. LL.B. (Hons.) – (AY 2023 – 2024)

a) New Courses Proposed

Course Code	Course Title	Credits
BLC 5101	Interpretation of statutes – honours	5
BLC 5102	Child law – honours	5
BLC 5103	Land law – honours	5
BLC 5104	Alternative dispute resolution – cc4	4
BLCX021	Women and law – elective	4

BLCX 022	Criminology, penology and victimology- elective	4
BLCX 023	Private international law	4
BLCX 024	Humanitarian and refugee law	4

b) **Courses with syllabus revision (Proposed):**

Course Code	Course Title	Credits	Revision (%)
BLCX021	Women and law – elective	4	20%
BLCX 022	Criminology, penology and victimology- elective	4	20%

VII. Semester X – B.B.A LL.B. (Hons.) and B.A. LL.B. (Hons.) – (AY 2023 – 2024)

a) **New Courses proposed:**

Course Code	Course Title	Credits
BLC 5201	Taxation law	5
BLC 5202	Competition law – honours vii	5
BLC 5203	Insurance law – honours viii	5
BLC 5204	Cyber laws	5
BLC 5205	Moot court – clinical course 5	5

The curriculum and syllabi of the courses from VI to X semester of B.B.A LL.B. (Hons.) and B.A. LL.B. (Hons.) under Regulations2019 are given in **Annexure 18.21.3(a)**&**18.21.3(b).**

The Academic Council may consider and approve the same for implementation from the even semester of Academic Year 2021-22.

Resolution:

After deliberations, the agenda item was approved for implementation from the even semester of Academic Year 2021-22.

SCHOOL OF ARABIC AND ISLAMIC STUDIES

Item No. 18.22

To consider and approve the recommendations of the Board of Studies of School of Arabic and Islamic Studies.

Item No. 18.22.1

To consider and approve the revised curriculum and syllabi (III, IV, V & VI semesters) of B.A. Islamic Studies (offered in English and Arabic Medium) under Regulations 2021.

Note on Agenda:

The major revision in curriculum of B.A. Islamic Studies offered in English and Arabic Medium) under R 2021 and Syllabi of I & II Semester courses was approved in the 17ᵗʰ meeting of Academic Council and accordingly implemented from the AY 2021-2022.

In the 13ᵗʰ meeting of Board of Studies of School of Arabic and Islamic Studies, which was held on 16ᵗʰ February 2022, renaming of few courses in the curriculum and the syllabi of III, IV, V & VI semester courses were deliberated. After deliberations, the board has recommended the same for approval in the Academic Council.

The salient features of the B.A. Islamic Studies revised curriculum under R 2021 with respect to 'Change in course name', 'Introduction of New core and electives courses' and 'Courses with Syllabus Revision' are as follows:

I. Semester I & II (AY 2021-22)

a) Change of course name

1) 'ISD 1101 Basic Arabic' has been renamed as 'ISD 1101 Basic Arabic Language'.

2) 'ISD 1121 Functional Arabic' has been renamed as 'ISD 1121 Functional Arabic Language.

3) 'ISD 1211 Basic Communicative Arabic' has been renamed as 'ISD 1211 Basic Communicative Arabic Language'.

4) 'ISD 1221 Communicative Arabic' has been renamed as 'ISD 1221 Communicative Arabic Language'.

Note: Change of course names had been done without any syllabus alterations

b) New Courses & Electives introduced:

Course Code	Course Title	Credits
ISD 1104	Guidance of Prophet – Moral & Ethics	4
ISD 1105	Fiqh al Madhahib-Ibadath	4

c) Courses with Syllabus revision:

Course Code	Course Name	Credits	Revision (%)
ISD 1103	Introduction to Quranic Studies	4	20

ISD 1213	Quran Exegesis: Al-Baqara-II	4	35
ISD 1214	Hadeeth - Teachings of Prophet	4	20
ISD 1215	Islamic Doctrine – Aqeedah	2	20

II. Semester III and IV (AY 2022-23)

a) Change of course name

1. ISD 2101 Advanced Communicative Arabic has been renamed as ISD 2101 Advanced Communicative Arabic Language.
2. ISD 2121 Progressive Communicative Arabic has been renamed as ISD 2121 Progressive Communicative Arabic Language.
3. ISD 2211 Arabic Prose & Poetry has been renamed as ISD 2211 Arabic Language: Prose & Poetry.
4. ISD 2221 Advanced Arabic Prose & Poetry has been renamed as ISD 2221 Advanced Arabic Language: Prose & Poetry.

Note: Change of course names had been done without any syllabus alterations

b) New Courses & electives Proposed:

Course Code	Course Title	Credits
ISD X07	Art of Quran recitation and Memorization	2
ISD X09	Arabic Morphology	2
ISD X10	Fundamentals of Islamic Finance	3
ISD X12	Islamic Philosophy	3
	Soft Skills	1
	Advanced Soft Skills	1

c) Courses with Syllabus revision:

Course Code	Course Name	Credits	Revision (%)
ISD 2102	Quran Exegesis: Ala Imran & Al Nisa	4	35
ISD 2103	A Study on Abu Dawood	4	30
ISD 2106	Islamic History: Umayyad & Abbasids Period	3	25
ISD 2212	Quran Exegesis: Muminoon, Noor and Hujurat	4	25

III. Semester V & VI (AY 2023-24)

a) **New Courses (Proposed):**

Course Code	Course Title	Credits
ISD 3126	Advanced Business Arabic and Translation	3
ISD X10	Fundamentals of Islamic Finance	3
ISD X14	Islamic Capital Market	3

b) **Courses with Syllabus revision:**

Course Code	Course Name	Credits	Revision (%)
ISD 3105	History of Islamic Thought	3	30
ISD 3107	Indian Constitution: Minority Rights	1	25
ISD 3215	History of Modern Arabic Literature	3	30
ISD X13	Islamic Insurance (Takaful)	3	27
ISD X17	Arabic Translation & SAP	3	70

The revised curriculum and syllabi of the courses (III, IV, V and VI Semester) of B.A. Islamic Studies under R 2021 are given in **Annexure 18.22.1.**

The Academic Council may consider and approve the same for implementation from the academic year 2022-23.

Resolution:

After deliberations, the agenda item was approved.

SCHOOL OF SOCIAL SCIENCE AND HUMANITIES

Item 18.23

To consider and approve the recommendations of the Board of Studies of the School of Social Sciences and Humanities.

Item 18.23.1

To Consider and approve the revised syllabi of Humanities Electives courses offered by School of Social Sciences and Humanities to B.Tech Programmes on under R 2021.

Note on Agenda:

In the 4th meeting of Board of Studies of School of Social Sciences and Humanities, it was recommended to offer the following Humanities Electives courses (as 2 credit course) to B.Tech. Programme under R 2021 and accordingly approved in the 17th meeting of Academic Council held on 15-07-2021.

I. Humanities Elective – I (III Semester of B.Tech)

S.No	Course Code	Course Title	Credits
1	SSDX 01	Engineering Economics and Management	2
2	SSDX 02	Sociology of Science and Technology	2
3	SSDX 03	Industrial Economics and Management	2
4	SSDX 04	Dynamics of Indian Social Structure	2

II. Humanities Elective – II (VI Semester of B.Tech)

S.No	Course Title	Credits
1	Economics of Sustainable Development	2
2	Sociology of Industrial Relation	2
3	Professional Ethics and Human Values	2
4	Gender, Technology and Development	2

In the 5th meeting of Board of Studies of School of Social Sciences and Humanities, which was held on 29-12-2021, was deliberated to revise the syllabi of III semester Humanities Electives courses to 3 credit courses in-line with curriculum of B.Tech Programme under R 2021. After deliberations, these revisions were recommended for approval in the Academic Council.

S.No	Course Code	Course Title	Credits	Revision (%)
1	SSDX 01	Engineering Economics and Management	3	20%
2	SSDX 02	Sociology of Science and Technology	3	20%
3	SSDX 03	Industrial Economics and Management	3	20%
4	SSDX 04	Dynamics of Indian Social Structure	3	20%

The revised syllabi of Humanities Elective are given in **Annexure18.23.1.** The

Academic Council may consider and approve the same.

Resolution:

After deliberations, the agenda item was approved.

Item 18.23.2

To consider and ratify the course 'SSDZ 003 Contemporary Sociological Perspectives' to offer to Ph.D. scholars.

Note on Agenda:

The School of Social Sciences and Humanities is offering Ph.D. programme from the academic year 2021-22. The syllabi of course 'SSDZ 003 Contemporary Sociological Perspectives' is deliberated in the 5th Board of Studies held on 29, December, 2021 to offer to Ph.D. scholars.

The syllabus of the course is given in **Annexure 18.23.2.**

The Academic Council may consider and ratify the same for implementation from the academic year 2021-22.

Resolution:

After deliberations, the agenda item was ratified with effect from the academic year 2021-22.

DEPARTMENT OF ENGLISH

Item 18.24

To consider and approve the recommendations of the Board of Studies of the Department of English.

Item 18.24.1

To consider and approve the syllabi (III, IV, V & VI semesters) of B.A. English (Hons.) under Regulations 2021.

Note on Agenda:

The major revision in curriculum of B.A. English (Hons.) under R 2021 & the syllabi of I and II Semester courses was approved in the 17th meeting of Academic Council and accordingly implemented from the AY 2021-2022.

In the 14th meeting of Board of Studies of the Department of English which was held on 7th December 2021, the few modification in the curriculum and the syllabi of III, IV, V & VI Semester Courses were deliberated. After deliberations, the board has recommended the

same for approval in the Academic Council.

The salient features of B.A. English (Hons.) curriculum under R 2021 with respect to 'Introduction of New Courses' and 'Courses with Syllabus Revision' are as follows:

I. Semester I & II (AY 2021-22)

a) **New courses introduced:**

Course Code	Course Title	Credits
ENDX 51	Professional Ethics	4

b) **Courses with Syllabus revision:**

Course Code	Course Name	Credits	Revision (%)
END 1131	Social History of England	6	20%
END 1132	Introduction to English Language	6	20%
END 1133	British Literature: 14th to 16th Centuries	6	20%
END 1231	British Literature: 17th Century	6	40%
END 1232	Indian Writing in English	6	90%
END 1233	American Literature	5	90%
ENDX 52	English for Communication Purposes	4	20%

II. Semester III & IV (AY 2022-23)

a) **New Courses Proposed:**

Course Code	Course Title	Credits
END 2132	Literary Criticism	6
END 2133	Women's writing	6
END 2232	Literary Theory	6
END 2233	South Asian Literature	6
ENDX 11	Literature of Indian Diaspora	4
ENDX 12	Literature &Adaption	4
ENDX 56	Academic Writing & Composition	4
ENDX 57	Virtual Communication	4

b) **Courses with syllabus revision (Proposed):**

Course Code	Course Name	Credits	Revision (%)
END 2131	British Literature: 18th and 19th Centuries	6	40%
END 2231	British Literature: 20th Century	6	50%
ENDX 01	Travel Writing	4	90%
ENDX 02	Cultural Studies	4	20%
ENDX 03	Green Literature	4	20%
ENDX 04	Children's Literature	4	40%
ENDX 13	Introduction to Discourse Analysis	4	20%
ENDX 14	Linguistics	4	30%

III. Semester V & VI (AY 2023-24)

a) New Courses Proposed:

Course Code	Course Title	Credits
ENDX 22	Research Methodology	4
ENDX 23	Partition Literature	4
ENDX 24	Science Fiction & Detective Literature	4
ENDX 61	Business Communication	4
ENDX 62	Literature & Reality	4
ENDX 31	British literature: Post World War II	4
ENDX 32	World Literature	4
ENDX 33	Autobiography	4
ENDX 34	Marginal Literature	4
ENDX 67	Content Writing	4

b) Courses with syllabus revision (Proposed):

Course Code	Course Name	Credits	Revision (%)
END 3131	Postcolonial Literatures	6	40%
END 3132	Shakespeare	6	90%
END 3133	Comparative Literature	6	50%
ENDX 21	Translation Studies	4	20%
ENDX 66	English for Research Purposes	4	20%

The revised curriculum and syllabi of courses (III, IV, V & VI Semesters) of B.A. English (Hons.) under R 2021 are given in **Annexure 18.24.1.**

The Academic Council may consider and approve the same for implementation from the academic year 2022-23.

Resolution:

After deliberations, the agenda item was approved.

Item 18.24.2

To consider and approve revision in curriculum and the syllabi of the course 'ENCX 35 - English for Academic Purposes' offered to the VI semester B.A. English (Hons.) under Regulations 2016.

Note on Agenda:

The syllabus of the course 'ENCX 35 - English for Academic Purposes' was framed to enhance the employability opportunity of the students by honing their English language skills and included in the elective courses.

The revised curriculum and syllabus of the course is given in **Annexure 18.24.2.** The Academic Council may consider and approve the same for implementation in the even semester of the academic year 2021-22.

Resolution:

After deliberations, the agenda item was approved for implementation from the even semester of the academic year 2021-22.

DEPARTMENT OF COMMERCE

Item 18.25

To consider and approve the recommendations of the Board of Studies of the Department of Commerce.

Item 18.25.1.

To consider and approve the syllabi (III, IV, V & VI semester) of B.Com. (General) under Regulations 2021.

Note on Agenda:

The major revision in curriculum of B.Com. (General) under R 2021 & Syllabi of I & II Semester courses was approved in the 17th meeting of Academic Council and accordingly implemented from the year AY 2021-2022.

In the 16th meeting of Board of Studies of Commerce Department, which was held on

11th and 13th December 2021, the syllabi of III, IV, V, VI Semester Courses were deliberated. After deliberations the board has recommended the same for approval in the Academic Council.

The salient features of the B.Com. (General) curriculum under R 2021 with respect to 'Introduction of New Courses' and 'Courses with Syllabus Revision' are as follows:

I. Semester I & II (AY 2021-22)

a) New Courses introduced:

Course Code	Course Title	Credits
COD 1104	Business Intelligence using Excel and Access	2
COD 1105	Introduction to Indian Constitution	1
COD 1204	Public Speaking and Presentation Skills	1

b) Courses with Syllabus revision:

Course Code	Course Name	Credits	Revision (%)
COD 1101	Financial Accounting	5	70%
COD 1102	Business Organisation and Management	4	30%
COD 1103	Environmental Studies	4	70%
COD 1201	Advanced Financial Accounting	5	30%
COD 1202	Business Law	4	25%
COD 1203	Business Economics	4	30%

II. Semester III and IV (AY 2022-23)

a) New Courses Proposed:

Course Code	Course Title	Credits
COD 2101	Corporate Accounting	5
COD 2102	Corporate Law	4
COD 2103	Business Mathematics and Statistics	4
COD 2104	Book Review	1
COD 2204	Blog Writing	1
CODX 01	Marketing Management	4
CODX 02	Corporate Governance	4
CODX 03	Financial Statement Analysis and Reporting	4

CODX 11	Human Resources Management	4
CODX 12	Business Incubation	4
CODX 13	Personal Finance and Planning	4
CODX41	Auditing	4
CODX42	Business Tax Procedures and Management	4
CODX43	Leadership and Team Development	4
CODX51	Business Research Methods	4
CODX52	Indian Economy	4
CODX53	Mind Management	4

b) Courses with syllabus revision (Proposed):

Course Code	Course Name	Credits	Revision (%)
COD 2202	Financial Management	4	50%
COD 2203	Entrepreneurship Development	4	30%
COD 2201	Cost Accounting	5	50%

III. Semester V & VI (AY 2023-24)

a) New Courses Proposed:

Course Code	Course Title	Credits
COD 3102	Goods and Services Tax	4
COD 3104	Case Study Analysis	1
COD 3201	Income Tax Law and Practice	5
COD 3202	Business Analytics using Python	2
COD 3203	Current Business Affairs	1
COD 3103	National Service Scheme	2
COD 3204	Project Work	6
CODX 21	Organisational Behaviour	4
CODX 22	Industrial Relations and Labour Laws	4
CODX 23	Consumer Affairs	4
CODX31	Business Ethics and Human Values	4

CODX32	E-Business	4
CODX33	Tax Planning and Management	4
CODX61	Banking and Insurance	4
CODX62	Event Management	4
CODX63	Good Governance	4
CODX71	Project Management	4
CODX72	Stock Market Operations	4
CODX73	New Venture Planning and Development	4
CODX81	Public Administration and Business	4
CODX82	Rural Development	4
CODX83	People Management	4
CODX91	Sustainable Development	4
CODX92	Rural Marketing	4
CODX93	Risk Management	4

b) Courses with syllabus revision (Proposed):

Course Code	Course Name	Credits	Revision (%)
COD 3101	Management Accounting	5	30%

The curriculum and syllabi of the courses (III, IV, V and VI Semester) of B.Com. (General) under R 2021 are given in **Annexure 18.25.1.**

The Academic Council may consider and approve the same for implementation from the academic year 2022-23.

Resolution:

After deliberations, the agenda item was approved.

Item 18.25.2

To consider and approve the syllabi (III, IV, V & VI semester) of B.Com.. (Accounts & Finance) under Regulations 2021.

Note on Agenda:

The major revision in curriculum of B.Com. (Accounts & Finance) under R 2021 & Syllabi of I & II Semester courses was approved in the 17th meeting of Academic Council and accordingly implemented from the AY 2021-2022.

In the 16th meeting of Board of Studies of Commerce Department, which was held on 11th and 13th December 2021, the syllabi of III, IV, V, VI Semester Courses were deliberated. After deliberations the board has recommended the same for approval in the Academic Council.

The salient features of the B.Com. (Accounts & Finance) curriculum under R 2021 with respect to 'Introduction of New Courses' and 'Courses with Syllabus Revision' are as follows:

I. Semester I & II (AY 2021-22)

a) New Courses Introduced:

Course Code	Course Title	Credits
COD 1102	Business Organisation and Management	4
COD 1104	Business Intelligence using Excel and Access	2
COD 1211	Financial Services	4
COD 1105	Introduction to Indian Constitution	1
COD 1204	Public Speaking and Presentation Skills	1

b) Courses with Syllabus revision:

Course Code	Course Name	Credits	Revision (%)
COD 1101	Financial Accounting	5	70%
COD 1103	Environmental Studies	4	70%
COD 1201	Advanced Financial Accounting	5	30%
COD 1203	Business Economics	4	30%

II. Semester III and IV (AY 2022-23)

a) New Courses Proposed:

Course Code	Course Title	Credits
COD 2111	Corporate and Business Law	4
COD 2103	Business Mathematics and Statistics	4
COD 2104	Book Review	1

COD 2204	Blog Writing	1
CODX 101	Strategic Corporate Finance	4
CODX 102	Export-Import Procedures and Documentation	4
CODX 03	Financial Statement Analysis and Reporting	4
CODX 111	Investment Management	4
CODX 112	Financial Econometrics	4
CODX 113	Financial Derivatives	4
CODX 41	Auditing	4
CODX 141	Business Tax Planning	4
CODX 142	International Trade Blocks and Multilateral Agencies	4
CODX 51	Business Research Methods	4
CODX 151	Management of Financial Institutions	4
CODX 152	Forensic Analysis and Fraud Investigation	4

b) **Courses with syllabus revision (Proposed):**

Course Code	Course Name	Credits	Revision (%)
COD 2101	Corporate Accounting	5	60%
COD 2202	Financial Management	4	50%
COD 2203	Entrepreneurship Development	4	30%
COD 2201	Cost Accounting	5	50%

III. Semester V & VI (AY 2023-24)

a) **New Courses Proposed:**

Course Code	Course Title	Credits
COD 3102	Goods and Services Tax	4
COD 3104	Case Study Writing	1
COD 3201	Income Tax Law and Practice	5
COD 3202	Business Analytics using Python	2

COD 3203	Current Business Affairs	1
COD 3204	Project Work	6
COD 3103	National Service Scheme	2
COD 3101	Management Accounting	5
COD 3105	Summer Internship	2
CODX 122	Corporate Restructuring	4
CODX 123	International Business Environment	4
CODX 131	Investment Banking	4
CODX 133	Corporate Analysis and Valuation	4
CODX 61	Banking and Insurance	4
CODX 161	Financial Markets	4
CODX 162	Industrial Psychology	4
CODX 171	Derivatives Management	4
CODX 172	Merchant Banking	4
CODX 173	Business Finance	4
CODX 81	Public Administration and Business	4
CODX 82	Rural Development	4
CODX 83	People Management	4
CODX 91	Sustainable Development	4
CODX 92	Rural Marketing	4
CODX 93	Risk Management	4

b) Courses with syllabus revision (Proposed):

Course Code	Course Name	Credits	Revision (%)
CODX 132	Working Capital Management	4	20%
CODX 121	International Finance	4	50%

The curriculum and syllabi of the courses (III, IV, V and VI Semester) of B.Com. (Accounts & Finance) under R 2021 are given in **Annexure 18.25.2**. The Academic Council may consider and approve the same for implementation from the academic year 2022-23.

Resolution:

After deliberations, the agenda item was approved.

Item 18.25.3

To consider and approve the syllabi (III, IV, V & VI semester) of B.Com. (Honours) under Regulations 2021.

Note on Agenda:

The major revision in curriculum of B.Com. (Honours) under R 2021 & Syllabi of I & II Semester courses was approved in the 17th meeting of Academic Council and accordingly implemented from the AY 2021-2022.

In the 16th meeting of Board of Studies of Commerce Department, which was held on 11th and 13th December 2021, the syllabi of III, IV, V, VI Semester Courses were deliberated. After deliberations, the board has recommended the same for approval in the Academic Council.

The salient features of the B.Com. (Honours) curriculum under R 2021 with respect to 'Introduction of New Courses' and 'Courses with Syllabus Revision' are as follows:

I. Semester I & II (AY 2021-22)

a) New Courses Introduced:

Course Code	Course Title	Credits
COD 1124	Fundamentals of Business Economics	3
COD 1103	Environmental Studies	4
COD 1104	Business Intelligence using Excel and Access	2
COD 1105	Introduction to Indian Constitution	1
COD 1225	Macro Economics	3
COD 1204	Public Speaking and Presentation Skills	1

II. Semester III & IV (AY 2022-23)

a) New Courses Introduced:

Course Code	Course Title	Credits
COD 2103	Business Mathematics and Statistics	4
COD 2125	Business Communication	2
CODX 201	Financial Markets and Institutions	4

CODX 01	Marketing Management	4
CODX 202	Modern Banking and Insurance	4
CODX 21	Organisational Behaviour	4
CODX 211	Corporate Legal Framework	4
CODX 212	Artificial Intelligence for Business	4
CODX 51	Business Research Methods	4
CODX 43	Leadership and Team Development	4
CODX 162	Industrial Psychology	4

III. Semester V & VI (AY 2023-24)

a) New Courses Introduced:

Course Code	Course Title	Credits
CODX 22	Industrial Relations and Labour Laws	4
CODX 221	Entrepreneurship Development	4
CODX 23	Consumer Affairs	4
CODX 232	Financial Technology and Analytics	4
CODX 32	E-Business	4
CODX 251	Digital Marketing	4
CODX 252	Micro Finance	4
CODX 73	New Venture Planning and Development	4

b) Courses with syllabus revision (Proposed):

Course Code	Course Name	Credits	Revision (%)
CODX 231	Logistics and Supply Chain Management	4	20%

The curriculum and syllabi of the courses (III, IV, V and VI Semester) of B.Com. (Honours) under R 2021 are given in **Annexure 18.25.3.**

The Academic Council may consider and approve the same for implementation from the academic year 2022-23.

Resolution:

After deliberations, the agenda item was approved.

Item 18.25.4

To consider and approve the syllabi (III, IV, V & VI semester) of BBA (Financial Services) under Regulations 2021.

Note on Agenda:

The major revision in curriculum of BBA (Financial Services)under R 2021 & Syllabi of I & II Semester courses was approved in the 17th meeting of Academic Council and accordingly implemented from the AY 2021-2022.

In the 16th meeting of Board of Studies of Commerce Department, which was held on 11th and 13th December 2021, the syllabi of III, IV, V, VI Semester Courses were deliberated. After deliberations, the board has recommended the same for approval in the Academic Council.

The salient features of the BBA (Financial Services)curriculum under R 2021 with respect to 'Introduction of New Courses' and 'Courses with Syllabus Revision' are as follows:

I. Semester I & II (AY 2021-22)

   a) **New Courses introduced:**

Course Code	Course Title	Credits
COD 1141	Fundamentals of Financial Accounting	5
COD 1102	Business Organisation and Management	4
COD 1103	Environmental Studies	4
COD 1104	Business Intelligence using Excel and Access	2
COD 1105	Introduction to Indian Constitution	1
COD 1245	Business Communication and Documentation	3
COD 1204	Public Speaking and Presentation Skills	1

II. Semester III and IV (AY 2022-23)

   a) **New Courses Proposed:**

Course Code	Course Title	Credits
COD 2142	Managing Finance in Digital World	5
COD 2103	Business Mathematics and Statistics	4
COD 2104	Book Review	1

COD 2241	Financial Markets and Institutions	4
COD 2203	Entrepreneurship Development	4
COD 2204	Blog Writing	1
CODX 202	Modern Banking and Insurance	4
CODX 401	Introduction to Business Law	4
CODX 133	Corporate Analysis and Valuation	4
CODX 411	Business Environment	4
CODX 412	Retail Banking	4
CODX 62	Event Management	4
CODX 72	Stock Market Operations	4
CODX 441	Financial Advising	4
CODX 51	Business Research Methods	4
CODX 71	Project Management	4
CODX 451	Fundamental Analysis and Technical Analysis of Financial Market	4

b) **Courses with syllabus revision (Proposed):**

Course Code	Course Name	Credits	Revision (%)
CODX 11	Human Resource Management	4	35%

III. **Semester V & VI (AY 2023-24)**

a) **New Courses Proposed:**

Course Code	Course Title	Credits
COD 3141	Investment Analysis and Portfolio Management	4
COD 3142	Investment Banking and Financial Services	4
COD 3103	National Social Service	2
COD 3104	Case Study Analysis	1
COD 3241	International Finance	4
COD 3202	Business Analytics Using Python	2
COD 3203	Current Business Affairs	1

CODX 01	Marketing Management	4
CODX 421	Commodity and Derivatives Market	4
CODX 112	Financial Econometrics	4
CODX 232	Financial Technology and Analytics	4
CODX 431	Personal Finance and Planning	4
CODX 462	Goods and Services Tax	4
CODX 73	New Venture Planning and Development	4
CODX 471	Selling and Negotiation	4
CODX 151	Management of Financial Institutions	4
CODX 81	Public Administration and Business	4
CODX 82	Rural Development	4
CODX 83	People Management	4
CODX 91	Sustainable Development	4
CODX 92	Rural Marketing	4
CODX 93	Risk Management	4

b) **Courses with syllabus revision (Proposed):**

Course Code	Course Name	Credits	Revision (%)
CODX 251	Digital Marketing	4	40%
CODX 461	Behavioural Finance	4	20%
CODX 122	Corporate Restructuring	4	40%

The curriculum and syllabi of the courses (III, IV, V and VI Semester) of BBA (Financial Services) under R 2021 are given in **Annexure 18.25.4**

The Academic Council may consider and approve the same for implementation from the academic year 2022-23.

Resolution:

After deliberations, the agenda item was approved.

Item 18.25.5

To consider and approve the syllabi (III, IV, V & VI semester) of BBA (General) under Regulations 2021.

Note on Agenda:

The major revision in curriculum of BBA (General) under R 2021 & Syllabi of I & II Semester courses was approved in the 17th meeting of Academic Council and accordingly implemented from the AY 2021-2022.

In the 16th meeting of Board of Studies of Commerce Department, which was held on 11th and 13th December 2021, the syllabi of III, IV, V, VI Semester Courses were deliberated. After deliberations, the board has recommended the same for approval in the Academic Council.

The salient features of the BBA (General) curriculum under R 2021 with respect to 'Introduction of New Courses' and 'Courses with Syllabus Revision' are as follows:

I. Semester I & II (AY 2021-22)

a) New Courses introduced:

Course Code	Course Title	Credits
COD 1102	Business Organisation and Management	4
COD 1104	Business Intelligence using Excel and Access	2
COD 1105	Introduction to Indian Constitution	1
COD 1231	Fundamentals of Human Resources Management	4
COD 1232	Principles of Marketing	4
COD 1233	Creativity and Innovation	4
COD 1204	Public Speaking and Presentation Skills	1

b) Courses with Syllabus revision:

Course Code	Course Name	Credits	Revision (%)
COD 1101	Financial Accounting	5	70%
COD 1103	Environmental Studies	4	70%
COD 1203	Business Economics	4	30%

II. Semester III and IV (AY 2022-23)

a) New Courses Proposed:

Course Code	Course Title	Credits
COD 2111	Corporate and Business Law	4
COD 2103	Business Mathematics and Statistics	4

COD 2104	Book Review	1
COD 2231	International Business	4
COD 2202	Financial Management	4
COD 2204	Blog Writing	1
CODX 301	Services Marketing	4
CODX 302	Operations Research	4
CODX 303	Integrated Marketing Communication	4
CODX 311	Industrial Relations and Legislations	4
CODX 312	Management of Financial Services	4
CODX 313	Social Entrepreneurship	4
CODX 341	Logistics and Supply Chain Management	4
CODX 342	IT for Business	4
CODX 43	Leadership and Team Development	4
CODX 51	Business Research Methods	4
CODX 351	Collective Bargaining and Negotiation Skills	4
CODX 352	Human Resources Development	4

b) Courses with syllabus revision (Proposed):

Course Code	Course Name	Credits	Revision (%)
COD 2131	Operations Management	4	40%
COD 2203	Entrepreneurship Development	4	30%

III. Semester V & VI (AY 2023-24)

a) New Courses Proposed:

Course Code	Course Title	Credits
COD 3102	Goods and Services Tax	4
COD 3103	National Service Scheme	2
COD 3104	Case Study Writing	1
COD 3202	Business Analytics Using Python	2
COD 3203	Current Business Affairs	1

CODX 21	Organisational Behaviour	4
CODX 322	Selling Skills and Application Process	4
CODX 31	Business Ethics and Human Values	4
CODX 331	Performance Management	4
CODX 332	Indian Financial System	4
CODX 61	Banking and Insurance	4
CODX 361	Mutual Fund Market Research and Sales	4
CODX 71	Project Management	4
CODX 371	E- Commerce	4
CODX 372	Organisational Development	4
CODX 81	Public Administration and Business	4
CODX 82	Rural Development	4
CODX 83	People Management	4
CODX 91	Sustainable Development	4
CODX 92	Rural Marketing	4
CODX 93	Risk Management	4

b) Courses with syllabus revision (Proposed):

Course Code	Course Name	Credits	Revision (%)
COD 3231	Cost and Management Accounting	5	40%
COD 3231	Strategic Management	4	30%
CODX 321	Customer Relationship Management	4	40%
CODX 62	Event Management	4	40%

The curriculum and syllabi of the courses (III, IV, V and VI Semester) of BBA (General) under R 2021 are given in **Annexure 18.25.5.**

The Academic Council may consider and approve the same for implementation from the academic year 2022-23.

Resolution:

After deliberations, the agenda item was approved.

Item 18.25.6

To consider and ratify the evaluation pattern of one credit courses and the NSS course

Note on Agenda:

The evaluation procedure of one credit courses and NSS course for B.COM. (Accounts& Finance), B.Com (Honours), BBA (General), and BBA (FS) under Regulations 2021 was deliberated and approved by the Board of Studies members.

The following are the list of one credit courses and NSS (2 credit) course:

Course Code	Course Name
COD 1105	Introduction to Indian Constitution
COD 1204	Public Speaking and Presentation Skills
COD 2104	Book Review
COD 2204	Blog Writing
COD 3104	Case Study Analysis
COD 3203	Current Business Affairs
COD 3103	National Social Service (2 credits)

The evaluation procedure is given in **Annexure 18.25.6**. The Academic Council may consider and ratify the same for implementation from the academic year 2021-22.

Resolution:

After deliberations, the agenda item was ratified with effect from the academic year 2021-22.

DEPARTMENT OF PUBLIC POLICY

Item 18.26

To consider and approve the recommendations of the Board of Studies of the Department of Public Policy.

Item 18.26.1

To consider and approve the syllabi (III & IV semester) of B.A. (Public Policy) under Regulations 2021.

Note on Agenda:

The proposal of curriculum of B.A (Public Policy) under R 2021 & Syllabi of I & II

Semester courses was approved in the 17th meeting of Academic Council and accordingly implemented from the AY 2021-2022.

In the 2nd meeting of Board of Studies of Public Policy Department which was held on 11th January 2022, the syllabi of III & IV Semester Courses were deliberated. After deliberations the board has recommended the same for approval in the Academic Council.

The salient features of the B.A. (Public Policy) curriculum under R 2021 with respect to 'Introduction of New Courses' are as follows:

I. Semester I & II (AY 2021-22)

    a) New Courses introduced:

Course Code	Course Title	Credits
PPD1101	Introduction to Politics	3
PPD1102	Indian Constitutional Framework	4
PPD1103	World Physical Geography	4
PPD1104	Basic Numeracy	3
PPD1105	Project: Map Work	1
PPDX01	NCC: General Orientation & Drill	2
PPDX02	Understanding Youth	2
PPDX03	Human Rights and Social Legislation	2
PPD1201	Introduction to Sociology	4
PPD1202	Ancient Indian History	3
PPD1203	Political Economy	4
PPD1204	Analytical Reasoning	3
PPD1205	Field Study: Archaeological sites	1
PPDX04	NCC: Social Service, Community Development & Drill	2
PPDX05	Human Development: Theory, Policy and Practice	2
PPDX06	Corporate Social Responsibility	2

II. Semester III & IV (AY 2022-23)

    a) New Courses Proposed:

Course Code	Course Title	Credits
PPD2101	Indian Polity and Governance	3
PPD2102	Indian Geography	3

PPD2103	Medieval and Early Modern Indian History	3
PPD2104	Introduction to Economics	3
PPD2105	Environmental Study	2
PPD2106	General Mental Ability	3
PPD2107	Field Study: Village Studies	1
PPDX07	NCC: Personality Development, Leadership & Obstacle training.	2
PPDX08	Right to Information Act	2
PPDX09	Local Self Government	2
PPDX51	Political Ideologies of the World	3
PPDX53	History of the Tamil Land	3
PPD2201	Public Administration: Theory and Practice	4
PPD2202	Indian National Movement	3
PPD2203	Indian Economic and Social Development	3
PPD2204	International Relations and Organisations	3
PPD2205	Logical Reasoning	3
PPD2206	Art of Public Speaking	1
PPDX10	NCC: Disaster Management & Weapon training	3
PPDX11	General Knowledge	3
PPDX12	General Science	3
PPDX54	Indian Society and Social Problems	3
PPDX56	Politics in India since Independence	3

The curriculum and syllabi of the courses (III & IV Semester) of B.A (Public Policy) under R 2021 are given in **Annexure 18.26.1.**

The Academic Council may consider and approve the same for implementation from the academic year 2022-23.

Resolution:

After deliberations, the agenda item was approved.

Vote of thanks by Dean (Academic Affairs)

The Dean AA thanked all the members of the Academic Council, in particular, the expert members from Academia and industry for their valuable time, active participation and excellent suggestions for the holistic development of the institution.

REGISTRAR

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VICE CHANCELLOR