Criterion 1 – Curricular Aspects

Key Indicator	1.2	Academic Flexibility
Metric	1.2.1	Percentage of new courses introduced of the total number of courses across all programs offered during 2022-23

DEPARTMENT WISE
MINUTES OF RELEVANT ACADEMIC COUNCIL MEETINGS HIGHLIGHTING THE NAME OF THE NEW COURSES INTRODUCED

INDEX

1. Department of Architecture

B.Arch

Periyar Nagar, Vallam, Thanjavur - 613 403, Tamil Nadu, India
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PERIYAR
MANIAMMAI
INSTITUTE OF SCIENCE & TECHNOLOGY
Deemed to be University
Established Under Sec 3 of UGC Act, 1956 - NAAC Accredited
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MINUTES OF FORTY FIRST MEETING OF THE ACADEMIC COUNCIL

Date : 10.12.2022   Venue: Richard Dawkins Hall

Time : 10.30 A.M   Place : PMIST, Vallam – Thanjavur

The Forty First Meeting of the Academic Council of the Periyar Maniammai Institute of Science & Technology (PMIST), Vallam, Thanjavur held on 10.12.2022 at 10.30 a.m.

Prof.S.Velusami, Hon'ble Vice-Chancellor, chaired the meeting.

The following Academic Council Members were present

1.	Dr.D.Aarthi Saravanan	Member
2.	Dr.A.Anand Jerard Sebastine	Member
3.	Dr.S.Arumugam	Member
4.	Dr.A.P.Aruna	Member
5.	Dr.P.Aruna	Member
6.	Dr.S.Asokan	Member
7.	Dr.S.Buvaneswari	Member
8.	Dr.K.Geetha	Member
9.	Dr.A.George	Member
10.	Dr.S.Gomathi	Member
11.	Dr.P.Guru	Member
12.	Dr.V.Hamsadhwani	Member
13.	Dr.R.Jayanthi	Member
14.	Dr.N.Jayanthi	Member
15.	Dr.J.Jeyachidra	Member
16.	Mr.I.Karthic Subramaniayan	Member
17.	Dr.R.Kathiravan	Member
18.	Dr.T.Kavitha	Member

1

RESOLVED TO APPROVE new value-added courses offered (Regulation 2021 Revision-1).

4. BUSINESS BROUGHT FORWARD BY FACULTY OF HUMANITIES, SCIENCES AND MANAGEMENT (FHSM)

DEPARTMENT OF CHEMISTRY

FHSM Chemistry 41.4.1

TO CONSIDER AND APPROVE Syllabus of Open Elective Course Climate Change (XCYOE3) for all UG programmes.

Notes:

The Board of Studies of Department of Chemistry recommended the Syllabus of Open Elective Course Climate Change (XCYOE3) for all UG programmes.

The syllabus is given in the Board of Studies minute's document attached as Annexure.

Sl. No	Department	Sub.Code	Subject Title	Credit				
				L	P	T	SS	T
1	Chemistry	XCYOE3	Climate Change	3	0	0	0	3

The matter is placed before the Academic Council for approval.

Resolved to approve the syllabus of Open Elective course XCYOE3 Climate Change for all UG programmes from the academic year 2022-23 (even semester) onwards.

Resolution

RESOLVED TO APPROVE Syllabus of Open Elective Course (XCYOE3-Climate Change) for all UG programmes.

DEPARTMENT OF MATHEMATICS

FHSM Maths 41.4.2

TO CONSIDER AND APPROVE the Changing the L: T: P: C for III and IV semester courses offered and to approve the syllabus for all the Mathematics courses offered from Semester I to Semester IV to various B.Tech programmes (Regulation 2021).

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FACULTY OF ARCHITECTURE AND PLANNING

Periyar Nagar, Vallam Thanjavur - 613 403, Tamil Nadu, India
Phone: +91 - 4362 - 264600   Fax: +91- 4362 - 264660
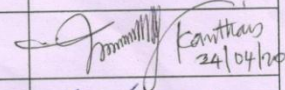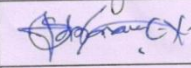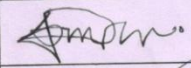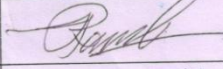Email:headarch @pmu.edu   Web: www. pmu.edu
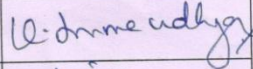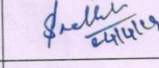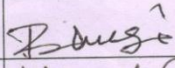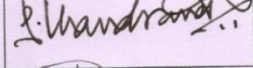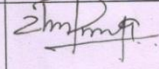
DEPARTMENT OF ARCHITECTURE

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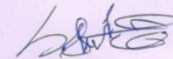
Minutes of the Eleventh Board of Studies Meeting

Date: 24.04.2019

Venue: Marie Curie Hall,
Technology Block - I

Agenda :

1. Approval of the Curriculum & syllabus of Regulation 2019 of B. Arch degree programme.

2. Any Other.

Members present in the meeting:

Sl.No	Name	Designation	Position	Signature
1	Ar.V.S.Kavitha	Asso. Prof. & HOD	Chairperson	Kavitha 24/04/2019
2	Dr.C.V.Subramanian	Asso. Professor & Dean	Permanent Invitee	
3	Prof. Joseph N Fernando	Professor	Member	
5	Ar.N.Ramesh Babu	Asso. Prof.	Member	
6	Ar.K.Jasmine Vidhya	Asso. Prof.	Member	
7	Ar.S.Pratheeba	Asst. Prof	Member	
8	Ar.J.Mullai	Asst. Prof	BoS i/c	
9	Ar.P.Chandranesan	Principal Architect, PC Nesan Architects, Trichy	Expert Member	
10.	Dr.R.Shanthi Priya	Professor, Dept. of Architecture, Kalasalingam Academy of Research & Education., Krishnankovil.	Alumni	

11   Er. S. SIVAKUMAR CIVIL ENGINEER, SIVAS CONSTRUCTION PARENT KUMBAKONAM

Minutes of the Eleventh Board of studies

1. Ar . Shanthi Priya recommended that the problem sheet for Architectural Design Studio shall be of Choice Based .

Example
   i.   Real Time Projects
   ii.   Research Based Projects
   iii. Learning from Concepts (Tangible and intangible aspects)
   iv.   Graphical representation of an architect's –philosophy

2. Ar. Murali Murugan and Ar.Chandranesan suggested Choices of single Elective shall be streamlined under the following heads
   i.   Design
   ii.   Structure
   iii. Construction and Technology
   iv.   Research.

3. The following Amendments are made in the curriculum and Syllabus of Regulation 2019.
   i . Typology of built spaces shall be outlined in Architectural design VI
   ii . One of the second year designs shall be of Understanding and designing buildings by adopting regional Architecture style.
   iii. The following courses are added.

S.No	Course code/Course Name
1.	XAR106/Communication skills (Core Course)
2.	XAR406/Open Elective (Core Course)
3.	XAR 504/Building Service-III (Core Course)
4.	XAR704/Landscape Design (Core Course)
5.	XAR901/Urban Design (Core Course)
6.	XAR602B/Digital Design Process in Architecture (Elective)
7.	XAR602D/Architecture of South East Asia(Elective)
8.	XAR604A/Glass in Architecture(Elective)
9.	XAR703D/Steel in Architecture(Elective)

iv . The Nomenclature of Following Course are Changed as below .

S.No	From	To
1.	XAR402 Early Modern Architecture	XAR501/Contemporary Architecture
2.	XAR504Site Planning and Surveying	XAR302/Site Surveying and Planning
3.	XAR504 /Digital Design and Multimedia	XAR506/Computer Application in Architecture

2. Department of Aerospace

Periyar Nagar, Vallam Thanjavur - 613 403, Tamil Nadu, India
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MINUTES OF THIRTY EIGHTH MEETING OF THE ACADEMIC COUNCIL

Date : 30.09.2021   Venue: Through Online
Time : 03.30 p.m.   Place : PMIST, Vallam – Thanjavur

The Thirty Eighth Meeting of the Academic Council of the Periyar Maniammai Institute of Science & Technology (PMIST), Vallam, Thanjavur was held on 30.09.2021 at 03.30 p.m. through Zoom Meet.

Prof.S.Velusami, Hon'ble Vice-Chancellor, chaired the meeting.

The following Academic Council Members were present (Through Zoom meet):

1.	Dr.A.Anand Jerard Sebastine	Member
2.	Dr.K.Anbarasu	Member
3.	Dr.S.Arumugam	Member
4.	Dr.A.P.Aruna	Member
5.	Dr.P.Aruna	Member
6.	Dr.A.Ashokkumar	Member
7.	Dr.S.Asokan	Member
8.	Dr.S.Buvaneswari	Member
9.	Dr.A.George	Member
10.	Dr.S.Gomathi	Member
11.	Dr.P.Guru	Member
12.	Dr.V.Hamsadhwani	Member
13.	Dr.R.Jayanthi	Member
14.	Dr.L.Jayanthi	Member
15.	Dr.N.Jayanthi	Member
16.	Dr.J.Jeyachidra	Member

1

7

Dr.M.A.Sikandar, External Member enquired about the teaching methodology and the faculty availability.

Dr.P.Vijayalakshmi, Dean FHSM replied that the theory part will be handled by PMIST faculty members and practical sessions will be handled by NCC officers.

Resolution

RESOLVED TO APPROVE the Introduction of NCC courses as an option for generic / open elective courses for all undergraduate students who have enrolled in NCC from the academic year 2021-22 onwards.

3. BUSINESS BROUGHT FORWARD BY FACULTY OF ENGINEERING AND TECHNOLOGY (FET)

DEPARTMENT OF AEROSPACE ENGINEERING

FET Aero 38.3.1	TO CONSIDER AND APPROVE the Curriculum and Syllabus for B.Tech. – Aerospace programme under Full-Time (Regulation 2021).

Notes:

The Board of Studies of the Department of Aerospace Engineering recommended the Curriculum from I to VIII Semesters and Syllabus from I to VIII Semesters for B.Tech. Aerospace Engineering programme under Full-Time (Regulation 2021).

Curriculum and Syllabus is in line with AICTE guidelines 2020 with 31% revision from previous syllabus. The syllabus revision is based on feedback on curricular aspects from students, teachers, employers and alumni. The syllabus contains 92% courses having focus on employability /entrepreneurship/skill development. The complete Curriculum and Syllabus with details are attached as Annexure. The new courses (Regulations 2021), new value added courses to be offered by Department and Open Elective courses offered by the Department to other Department students are as follows:-

10

New Courses

1. Speech Communication
2. Technical Communication
3. Introduction to Aerospace Engineering
4. Strength of Materials
5. Fluid Mechanics
6. Entrepreneurship Development
7. Universal Human Values 2: Understanding Harmony
8. Strength of Materials Lab
9. Fluid Mechanics Lab
10. Probability and Statistics
11. CAD Lab
12. Aircraft Design Project
13. Professional Skills
14. Machine Dynamics Lab
15. Avionics
16. Avionics Lab
17. Aerospace Materials
18. Vibration and Structural Dynamics
19. Experimental Aerodynamics

New Value Added Courses

1. Robotics (Intermediate level)
2. Drones
3. Satellite Making (CANSAT)
4. AutoCAD
5. Solid Works
6. NX-Nastran

Open Electives

1. Elements of Aeronautics
2. Air Transportation and Aircraft Maintenance Management

The matter is placed before the Academic Council for approval.

Dr.V.K.Stalin, External Member enquired about the model Curriculum followed for revision of courses.

Dr. P.K.Srividhya, Dean Academic & Registrar i/c informed that all the revisions are made based on the AICTE model Curriculum.

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Dr.S.Asokan, Controller of Examinations suggested that the fraction mentioned in percentage (%) of syllabus revision and courses having employability/entrepreneurship/skill development may be rounded off.

Resolution

RESOLVED TO APPROVE the Curriculum and Syllabus for B.Tech. – Aerospace programme under Full-Time (Regulation 2021).

DEPARTMENT OF BIOTECHNOLOGY

FET
Biotech
38.3.2

TO CONSIDER AND APPROVE the Curriculum and Syllabus for B.Tech – Biotechnology programme under Full-Time (Regulation 2021).

Notes:

The Board of Studies of the Department of Biotechnology recommended the Curriculum and Syllabus from I to VIII Semesters for B.Tech Biotechnology programme under Full-Time (Regulation 2021).

Modifications in the Department Vision and Mission is carried out based on National Biotechnology Strategy (2021-2025) released by the Department of Biotechnology, Government of India. The modified Vision and Mission are given in Annexure.

Curriculum and Syllabus is in line with AICTE guidelines 2020 with 33% revision from previous syllabus. The syllabus revision is based on feedback on curricular aspects from students, teachers, employers and alumni. The syllabus has 87% courses having focus on employability /entrepreneurship / skill development. The complete Curriculum and Syllabus with details are attached as Annexure. The new courses of Regulations 2021, new value added courses to be offered by department and Open Elective courses offered by the department to other department students are as follows:

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3. Department of ECE

B.Tech

Resolution

RESOLVED TO APPROVE the Curriculum and Syllabus for B.Tech – Civil Engineering programme under Part-Time (Regulation 2021).

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

FET
ECE
38.3.5

TO CONSIDER AND APPROVE the Curriculum and Syllabus for B.Tech – Electronics and Communication Engineering programme under Full-Time (Regulation 2021).

Notes:

The Board of Studies of the Department of Electronics and Communication Engineering has recommended the Curriculum and Syllabus from I to VIII Semesters of B.Tech Electronics and Communication Engineering programme under Full-Time (Regulation 2021).

The Curriculum and Syllabus for B.Tech. Electronics and Communication Engineering programme has been revised following the guidelines of AICTE. Feedbacks were obtained from stake holders (students, teachers, alumni and employer). Based on the feedback the Curriculum and Syllabus has been modified and the revision is 24%. The board of studies has also recommended the new value added courses to be offered by the department. The new courses and new value added courses introduced are as follows:

New Courses

1. Fundamentals of Computers
2. Speech Communication
3. Technical Communication
4. Universal Human Values 2: Understanding Harmony
5. Electromagnetic Theory and Transmission Lines
6. Disaster Management
7. Professional Skills
8. Signals and Systems Lab
9. Modern Control Systems
10. Modern Control Systems Lab

17

M.Tech

MINUTES OF FORTIETH MEETING OF THE ACADEMIC COUNCIL

Date : 27.08.2022   Venue: Richard Dawkins Hall

Time : 10.30 A.M   Place : PMIST, Vallam – Thanjavur

The Fortieth Meeting of the Academic Council of the Periyar Maniammai Institute of Science & Technology (PMIST), Vallam, Thanjavur held on 27.08.2022 at 10.30 a.m.

Prof.S.Velusami, Hon'ble Vice-Chancellor, chaired the meeting.

The following Academic Council Members were present

1.	Dr.D.Aarthi Saravanan	Member
2.	Dr.A.Anand Jerard Sebastine	Member
3.	Dr.S.Arumugam	Member
4.	Dr.P.Aruna	Member
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14.	Mr.I.Karthic Subramaniayan	Member
15.	Dr.T.Kavitha	Member
16.	Dr.K.Kesavan	Member
17.	Dr.R.Krishnamurthi	Member
18.	Dr.S.P.Kulanthaivel Babu	Member

1

POST GRADUATE PROGRAMMES (FULL-TIME)

Sl.No.	Programme	Duration	Intake
1	M. Arch.	2 Years	20
2	M.Tech.-Environmental Engineering	2 Years	18
3	M.Tech.-Nano Technology	2 Years	18
4	M.Tech.-Renewable Energy	2 Years	18
5	M.Tech.-Wireless Communications	2 Years	18
6	M.Tech. -Power Electronics and Drives	2 Years	18
7	M.B.A. (Dual Specialization) • Finance • Human Resource • Marketing • Operations • Business Analytics	2 Years	120
8	M.S.W.	2 Years	20
9	M.Sc.-Chemistry	2 Years	20
10	M.Sc.-Mathematics	2 Years	20
11	M.Sc.-Physics	2 Years	20
12	M.Sc - Computer Science	2 Years	20
13	M.A.-English	2 Years	20
14	M.A.-Political Science	2 Years	20
15	M.A.-Periyar Thought	2 Years	20
16	M.A.-History	2 Years	20
17	M.A.-Tamil	2 Years	20
18	M.C.A.	2 Years	120
19	M.Com.	2 Years	20

Ph.D Programmes (Full-Time & Part-Time)

Sl. No	Programme
Architecture	
1	Architecture
Engineering & Technology	
1	Biotechnology
2	Civil Engineering
3	Electrical & Electronics Engineering
4	Electronics & Communication Engineering
5	Mechanical Engineering
6	Nano Technology
Humanities, Sciences and Management	
1	Chemistry
2	Commerce
3	English
4	Management Studies
5	Mathematics
6	Periyar Thought
7	Physics
8	Social Work
9	Political Science
Computing Sciences and Engineering	
1	Computer Science and Applications

❖ Lateral Entry 10% of sanctioned Intake of each of the B.Tech First Year Programmes and Lapsed Seats in the respective First Year Programmes.

The matter is placed before the Academic Council for approval.

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4. Department of EEE

B.Tech and M.Tech

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MINUTES OF FORTIETH MEETING OF THE ACADEMIC COUNCIL

Date : 27.08.2022   Venue: Richard Dawkins Hall

Time : 10.30 A.M   Place : PMIST, Vallam – Thanjavur

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13.	Dr.J.Jeyachidra	Member
14.	Mr.I.Karthic Subramaniayan	Member
15.	Dr.T.Kavitha	Member
16.	Dr.K.Kesavan	Member
17.	Dr.R.Krishnamurthi	Member
18.	Dr.S.P.Kulanthaivel Babu	Member

1

DEPARTMENT OF ELECTRICAL & ELECTRONICS ENGINEERING

FET B.Tech.- EEE 40.3.7

TO CONSIDER AND APPROVE the Curriculum and Syllabi for B.Tech (Hons).- Electrical and Electronics Engineering with specialization in (a) Electric Vehicles (b) Energy Engineering in the existing regulation (Regulation 2021, Revision 1: Full time mode). The courses pertaining to the specialization and their credits (In addition to the courses in B.Tech – Electrical and Electronics Engineering curriculum and syllabi, Regulation 2021) are given below:

Electric Vehicles:

Course Code	Semester	Course Title	L	T	P	C	H
XEEHV1	III	Fundamentals of Electric Vehicles	3	0	0	3	3
XEEHV2	III	Fundamentals of Electric Vehicles Laboratory.	0	0	1	1	2
XEEHV3	IV	Electric Vehicles Architecture	3	0	0	3	3
XEEHV4	V	Electric Drives and Controllers for Electric Vehicles	3	0	0	3	3
XEEHV5	V	Electric Drives and Controllers for Electric Vehicles Laboratory.	0	0	1	1	2
XEEHV6	VI	Battery Management Systems	3	1	0	4	4
XEEHV7	VII	Mini Project	0	0	5	5	10
		Total	12	1	7	20	27

a) Energy Engineering:

Course Code	Semester	Course Title	L	T	P	C	H
XEEHE1	III	Alternative Sources of Energy	3	0	0	3	3
XEEHE2	IV	Solar Energy System and Technologies	3	0	0	3	3
XEEHE3	IV	Solar Energy System and Technologies Laboratory.	0	0	1	1	2
XEEHE4	V	Wind Energy Conversion Systems	3	1	0	4	4
XEEHE5	VI	Energy Conversion and Storage Technologies	3	1	0	4	4
XEEHE6	VII	Mini Project	0	0	5	5	10
		Total	12	2	6	20	26

The complete Curriculum and Syllabi with details are given in Annexure.

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Notes:

In the 39th Academic Council Meeting, the specializations considered were

1. Artificial Intelligence and Machine Learning, and
2. Robotics

But, as per the recommendations of the Board of Studies the specializations

1. Electric Vehicles, and
2. Energy Engineering, are offered.

The matter is placed before the Academic Council for approval.

Resolution

RESOLVED TO APPROVE the Curriculum and Syllabi for B.Tech (Hons).- Electrical and Electronics Engineering with specialization in (a) Electric Vehicles (b) Energy Engineering in the existing regulation (Regulation 2021, Revision 1: Full time mode). The courses pertaining to the specialization and their credits (In addition to the courses in B.Tech – Electrical and Electronics Engineering Curriculum and Syllabi, Regulation 2021).

FET M.Tech.- PED 40.3.8

TO CONSIDER AND APPROVE the Curriculum and Syllabi for M.Tech. - Power Electronics and Drives under Full-Time (Regulation 2022).

Notes:

The Board of Studies of the M.Tech.- Power Electronics and Drives under Department of Electrical and Electronics Engineering recommended the Curriculum from I to IV Semesters and Syllabi from I to IV Semesters for M.Tech.- Power Electronics and Drives (Regulation 2022). Curriculum is in line with AICTE guidelines 2018. The syllabus is framed based on feedback on curricular aspects from stakeholders. The syllabus contains 97% courses having focus on employability/entrepreneurship/skill development. The complete Curriculum and Syllabi with details are given in Annexure.

The matter is placed before the Academic Council for approval.

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Resolution

RESOLVED TO APPROVE the Curriculum and Syllabi for M.Tech. - Power Electronics and Drives under Full-Time (Regulation 2022).

DEPARTMENT OF MECHANICAL ENGINEERING

FET B.Tech.- Mech 40.3.9

TO CONSIDER AND APPROVE the curriculum and syllabi for B.Tech. (Hons).- Mechanical Engineering with specialization in a) Robotics and Industrial Automation (b) Energy Engineering (Regulation 2021, Revision 1: Full time mode). The courses pertaining to the specialization and their credits (In addition to the courses in B.Tech–Mechanical Engineering curriculum and syllabi, Regulation 2021) are given below:

a). Robotics and Industrial Automation

Course Code	Semester	Course Title	L	T	P	C	H
XECHR1	III	Service Robotics with Drives and Sensors	1	0	2	3	5
XECHR2	IV	Industrial Robotics and Automation	1	0	2	3	5
XECHR3	V	Fundamentals of ROS and Embedded in Robotics	1	0	2	3	5
XECHR4	V	Artificial Intelligence and Computer Vision for Robotics	1	0	2	3	5
XECHR5	VI	Deep Learning for Robotics	1	0	2	3	5
XECHR6	VII	Mini Project	0	0	5	5	10
		Total	5	0	10	20	35

b). Energy Engineering

Course Code	Semester	Course Title	L	T	P	C	H
XMEHE1	III	Alternative Sources of Energy	3	0	0	3	3
XMEHE2	IV	Solar and Wind Energy Systems	3	1	0	4	4
XMEHE3	IV	Renewable Energy Laboratory – I	0	0	1	1	2
XMEHE4	V	Energy Storage Systems and Sustainable Development	3	0	0	3	3
XMEHE5	VI	Energy Audit, Conservation and Management	3	0	0	3	3
XMEHE6	VI	Renewable Energy Laboratory – II	0	0	1	1	2
XMEHE7	VII	Mini Project	0	0	5	5	10
		Total	12	1	7	20	29

The complete Curriculum and Syllabi are given in Annexure.

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5. Department of MECHANICAL

B.Tech

MINUTES OF THIRTY EIGHTH MEETING OF THE ACADEMIC COUNCIL

Date : 30.09.2021   Venue: Through Online
Time : 03.30 p.m.   Place : PMIST, Vallam – Thanjavur

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2.	Dr.K.Anbarasu	Member
3.	Dr.S.Arumugam	Member
4.	Dr.A.P.Aruna	Member
5.	Dr.P.Aruna	Member
6.	Dr.A.Ashokkumar	Member
7.	Dr.S.Asokan	Member
8.	Dr.S.Buvaneswari	Member
9.	Dr.A.George	Member
10.	Dr.S.Gomathi	Member
11.	Dr.P.Guru	Member
12.	Dr.V.Hamsadhwani	Member
13.	Dr.R.Jayanthi	Member
14.	Dr.L.Jayanthi	Member
15.	Dr.N.Jayanthi	Member
16.	Dr.J.Jeyachidra	Member

1

13. Smart Grids
14. Power Quality and FACTS
15. Sustainable Energy Utilization
16. Solar and Energy Storage System
17. Microprocessors & Control Systems Laboratory

The matter is placed before the Academic Council for approval.

Resolution

RESOLVED TO APPROVE the Curriculum and Syllabus for B.Tech.-Electrical and Electronics Engineering under Part-Time (Regulation 2021).

DEPARTMENT OF MECHANICAL ENGINEERING

FET Mech 38.3.8

TO CONSIDER AND APPROVE the Curriculum and Syllabus for B.Tech – Mechanical Engineering programme under Full-Time (Regulation 2021).

Notes:

The Board of Studies of the Department of Mechanical Engineering recommended the Curriculum and Syllabus from I to VIII Semesters for B.Tech. Mechanical Engineering programme under Full-Time (Regulation 2021).

Curriculum and Syllabus are in line with AICTE guidelines with 21% revision from previous syllabus. The syllabus revision is based on feedback on curricular aspects from students, teachers, employers and alumni. The syllabus has 92% courses having focus on employability/ entrepreneurship/skill development. The complete curriculum and syllabus

3. Electrical and Electronic Engineering Systems Laboratory
4. Transforms and Partial Differential Equations
5. Universal Human Values 2 : Understanding Harmony
6. Computer Aided Drafting Laboratory
7. Entrepreneurship Management
8. Fluid Power Control and Mechatronics Laboratory
9. Heat Transfer and Refrigeration Laboratory
10. Professional Skills
11. Tool Design and Drawing Laboratory
12. CAD /CAM Laboratory
13. Advanced Welding Technology
14. Internet of Things and Smart Manufacturing

New Value Added Courses

1. Robotics - Intermediate Level

Open Electives

1. Renewable Energy Sources

The matter is placed before the Academic Council for Approval.

Resolution

RESOLVED TO APPROVE the Curriculum and Syllabus for B.Tech – Mechanical Engineering programme under Full-Time (Regulation 2021).

FET Mech 38.3.9

TO CONSIDER AND APPROVE the Curriculum and Syllabus for I to VII Semesters for B.Tech-Mechanical Engineering under Part-Time (Regulation 2021).

Notes:

The Board of Studies of Department of Mechanical Engineering has recommended the Curriculum and Syllabus from I to VII Semester for B.Tech.-Mechanical Engineering programme under Part-Time (Regulation 2021).

Curriculum and Syllabus are in line with AICTE guidelines with 25% revision from previous syllabus. The syllabus revision is based on feedback on curricular aspects from students, teachers, employers and alumni. The

22

19

M.Tech

FET M.Tech.- RE 40.3.11	**TO CONSIDER AND APPROVE** the Programme Educational Objectives (PEO) and Programme Outcomes (PO) for M.Tech Renewable Energy programme.

Notes:

The faculty of the department along with the guidance of External academic experts framed PEOs and POs. The changes given by the stakeholders are considered and they are reflected in the COs as well. The PEOs and POs are given along with the Curriculum and Syllabi in Annexure.

The matter is placed before the Academic Council for approval.

Resolution

RESOLVED TO APPROVE the Programme Educational Objectives (PEO) and Programme Outcomes (PO) for M.Tech Renewable Energy programme.

FET M.Tech.- RE 40.3.12	**TO CONSIDER AND APPROVE** the Curriculum and Syllabi for M.Tech. Renewable Energy under Full Time (Regulation 2022).

Notes:

The Board of Studies of the M.Tech. Renewable Energy under Department of Mechanical Engineering recommended the Curriculum from I to IV Semesters and Syllabi from I to IV Semesters for M.Tech. Renewable Energy (Regulation 2022). The Curriculum is in line with AICTE guidelines 2018 with 23.08% revision from previous syllabus. The syllabus revision is based on feedback on curricular aspects from stakeholders. The syllabus contains 97.06% courses having focus on employability / entrepreneurship / skill development.

New Courses offered by the department under Regulation 2022:

1. Wind, Ocean and Geothermal Energy Systems
2. Solar Energy Laboratory
3. Process Modelling and Simulation Laboratory
4. Computational Fluid Dynamics Laboratory
5. Industrial Safety

Open elective offered by the department under Regulation 2022:

1. Industrial Safety

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The matter is placed before the Academic Council for approval.

Resolution

RESOLVED TO APPROVE the Curriculum and Syllabi for M.Tech. Renewable Energy under Full Time (Regulation 2022) and the open elective "Industrial Safety" offered by the department under Regulation 2022.

6. Department of CSE

B.Tech

MINUTES OF THIRTY EIGHTH MEETING OF THE ACADEMIC COUNCIL

Date : 30.09.2021   Venue: Through Online
Time : 03.30 p.m.   Place : PMIST, Vallam – Thanjavur

The Thirty Eighth Meeting of the Academic Council of the Periyar Maniammai Institute of Science & Technology (PMIST), Vallam, Thanjavur was held on 30.09.2021 at 03.30 p.m. through Zoom Meet.

Prof.S.Velusami, Hon'ble Vice-Chancellor, chaired the meeting.

The following Academic Council Members were present (Through Zoom meet):

1.	Dr.A.Anand Jerard Sebastine	Member
2.	Dr.K.Anbarasu	Member
3.	Dr.S.Arumugam	Member
4.	Dr.A.P.Aruna	Member
5.	Dr.P.Aruna	Member
6.	Dr.A.Ashokkumar	Member
7.	Dr.S.Asokan	Member
8.	Dr.S.Buvaneswari	Member
9.	Dr.A.George	Member
10.	Dr.S.Gomathi	Member
11.	Dr.P.Guru	Member
12.	Dr.V.Hamsadhwani	Member
13.	Dr.R.Jayanthi	Member
14.	Dr.L.Jayanthi	Member
15.	Dr.N.Jayanthi	Member
16.	Dr.J.Jeyachidra	Member

1

4. **BUSINESS BROUGHT FORWARD BY FACULTY OF COMPUTING SCIENCES & ENGINEERING (FCSE)**

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

FCSE
CSE
38.4.1

TO CONSIDER AND APPROVE the Curriculum and Syllabus for B.Tech – Computer Science and Engineering programme under Full-Time (Regulation 2021).

Notes:

The Board of Studies of the Department of Computer Science and Engineering recommended the curriculum from I to VIII Semesters and Syllabus from I to VIII Semesters for B.Tech Computer Science and Engineering programme under Full -Time (Regulation 2021).

23

Curriculum and Syllabus is in line with AICTE guidelines 2020 with 28% revision from previous syllabus. The syllabus revision is based on feedback on curricular aspects from students, teachers, employers and alumni. The syllabus has 92% courses having focus on employability/ entrepreneurship/ skill development. The complete Curriculum and Syllabus with details are attached as Annexure. The new courses of Regulations 2021, Value added courses to be offered by department and Open Elective courses offered by the department to other department students are as follows:

New Courses

1. Basics of Electronic Devices and Circuits
2. Big Data Analytics
3. Big Data Analytics Lab
4. Machine Learning
5. Machine Leaning Lab
6. Object Oriented Programming
7. Object Oriented Programming Lab
8. IT Workshop (Lab)
9. Artificial Intelligence
10. Internet of Things
11. Cloud Computing
12. Project Management
13. Human Computer Interaction
14. Mobile Application Development
15. Speech Communication
16. Technical Communication
17. Professional Skills
18. Universal Human Values 2 : Understanding Harmony
19. Entrepreneurship Development
20. Web Technology

New Value Added Courses

1. R Programming
2. Python Programming
3. Augmented Reality and Virtual Reality

under Full-Time, it is proposed to increase the intake from 100 to 120 from the academic year 2022-23.

The matter is placed before the Academic Council for ratification.

Resolution

RESOLVED TO RATIFY the increase in the intake from 100 to 120 for the B.Sc.-Computer Science programme under Full-Time from the academic year 2022-23 .

VC 40.1.4 **TO CONSIDER AND RATIFY** the increase in the intake in B.Sc.-Data Science from 30 to 60 from the academic year 2022-23.

Notes:

Based on increasing demand, it is proposed to increase in the intake in B.Sc.-Data Science from 30 to 60 from the academic year 2022-23.

The matter is placed before the Academic Council for ratification.

Resolution

RESOLVED TO RATIFY the increase in the intake in B.Sc.-Data Science from 30 to 60 from the academic year 2022-23.

2. BUSINESS BROUGHT FORWARD BY DEAN ACADEMIC

Dean Academic 40.2.1 **TO CONSIDER AND APPROVE** the proposed intake of various programmes offered from the Academic year 2022-23.

Notes:

The proposed intake for various programmes offered for the Academic year 2022-23 are given as follows:

Programmes Offered - 2022-23

UNDER GRADUATE PROGRAMMES (FULL-TIME)

Sl. No.	Programme	Duration	Intake
1	B. Arch.	5 Years	80
2	B.Tech.-Aerospace Engineering B.Tech. (Hons.) - Aerospace Engineering with specialization in *Unmanned Aerial Vehicle*	4 Years	60
3	B.Tech.-Biotechnology B.Tech. (Hons.) - Biotechnology with specialization in *Computer Science and Biology*	4 Years	60

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Sl. No.	Programme	Duration	Intake
4	B.Tech.-Civil Engineering B.Tech. (Hons.) - Civil Engineering with specialization in *GIS and Remote Sensing*	4 Years	60
5	B.Tech.-Computer Science and Engineering B.Tech. (Hons.) - CSE with specialization in *AI and ML* B.Tech. (Hons.) - CSE with specialization in *Data Science*	4 Years	120
6	B.Tech.-Electrical and Electronics Engineering B.Tech. (Hons.) - EEE with specialization in *Electric Vehicles* B.Tech. (Hons.) - EEE with specialization in *Energy Engineering*	4 Years	60
7	B.Tech.-Electronics and Communication Engineering B.Tech. (Hons.) - ECE with specialization in *AI and ML* B.Tech. (Hons.) - ECE with specialization in *Robotics and Industrial Automation*	4 Years	60
8	B.Tech.-Mechanical Engineering B.Tech. (Hons.) - Mechanical Engineering with specialization in *Robotics and Industrial Automation* B.Tech. (Hons.) - Mechanical Engineering with specialization in *Energy Engineering*	4 Years	60
9	B.C.A.	3 Years	180
10	B.Sc - Data Science	3 Years	60
11	B.Sc.- Computer Science	3 Years	120
12	B.Sc.- Animation & Multimedia	3 Years	30
13	B.Sc.- Artificial Intelligence	3 Years	30
14	B.Sc.- Mathematics	3 Years	30
15	B.Sc.- Physics	3 Years	30
16	B.Sc.- Chemistry	3 Years	30
17	B.Com.	3 Years	120
18	B.Com. (Hons)	3 Years	60
19	B.Com - Corporate Secretaryship	3 Years	60
20	B.Com.- Computer Applications	3 Years	60
21	B.B.A.	3 Years	60
22	B.B.A - Hospitality Management	3 Years	30
23	B.B.A - Logistics and Supply Chain Management	3 Years	30
24	B.A.- English	3 Years	30
25	B.A.- Tamil	3 Years	30
26	B.A.- Journalism and Mass Communication	3 Years	30
27	B.Sc. B.Ed. (4 Years Integrated) Stream: Mathematics, Physics & Chemistry	4 Years	50
28	B.Ed	2 Years	100

6

The matter is placed before the Academic Council for approval.

Resolution

RESOLVED TO APPROVE the Curriculum and Syllabi for M.Tech. Renewable Energy under Full Time (Regulation 2022) and the open elective "Industrial Safety" offered by the department under Regulation 2022.

4. **BUSINESS BROUGHT FORWARD BY FACULTY OF COMPUTING SCIENCES & ENGINEERING (FCSE)**

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

FCSE B.Tech.- CSE 40.4.1 **TO CONSIDER AND APPROVE** the Curriculum and Syllabi for B.Tech. (Hons).- Computer Science and Engineering with specializations in a) Artificial Intelligence and Machine Learning b) Data Science (Regulation 2021, Revision 1: Full time mode). The courses pertaining to the specialization and their credits (In addition to the courses in B.Tech–Computer Science and Engineering curriculum and syllabi, Regulation 2021) are given below:

a). Artificial Intelligence and Machine Learning

SI .N0	Course Code	Course Name	Semester	L	T	P	C	H
1	XCSHA1	Introduction to Artificial Intelligence	III	1	0	2	3	5
2	XCSHA2	Image Processing and Vision Techniques	IV	1	0	2	3	5
3	XCSHA3	Introduction to Machine Learning	V	1	0	2	3	5
4	XCSHA4	Deep Learning for Robotics	VI	1	0	2	3	5
5	XCSHA5	Internet of Things	VI	1	0	2	3	5
6	XCSHA6	Mini Project	VII	-	-	5	5	10
			Total	5	0	15	20	35

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b). Data Science

Sl. No	Course Code	Course Name	Semester	L	T	P	C	H
1	XCSHD1	Introduction to Data Science	III	1	0	2	3	5
2	XCSHD2	Data Visualization and Text Analytics	IV	1	0	2	3	5
3	XCSHD3	Applied Artificial Intelligence	V	1	0	2	3	5
4	XCSHD4	Deep Learning	VI	1	0	2	3	5
5	XCSHD5	Internet of Things	VI	1	0	2	3	5
6	XCSHD6	Mini project	VII	-	-	5	5	10
			Total	5	0	15	20	35

The specialization is applicable for students admitted from the academic year 2021-2022 onwards. The specialization is optional and the courses are taken in collaboration with the industry.

The matter is placed before the Academic Council for approval.

Resolution

RESOLVED TO APPROVE the curriculum and syllabi for B.Tech. (Hons).- Computer Science and Engineering with specializations in a) Artificial Intelligence and Machine Learning b) Data Science   (Regulation 2021, Revision 1: Full time mode). The courses pertaining to the specialization and their credits (In addition to the courses in   B.Tech–Computer Science and Engineering Curriculum and Syllabi, Regulation 2021).

DEPARTMENT OF COMPUTER SCIENCE AND APPLICATIONS

FCSE B.Sc.- Data Science 40.4.2	**TO CONSIDER AND APPROVE** the Curriculum and the Syllabi of the new degree programme, B.Sc.-Data Science, to be offered from the Academic Year 2022-23 under Full-Time (Regulation 2022).

Notes:

A new degree programme B.Sc. – Data Science is introduced from the year academic year 2022-23 onwards. The Board of Studies of the Department of Computer Science and Applications recommended the Curriculum and Syllabi

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7. Department of Computer Science and Applications

BCA

PERIYAR MANIAMMAI
INSTITUTE OF SCIENCE & TECHNOLOGY
(Deemed to be University)
Established Under Sec. 3 of UGC Act, 1956 - NAAC Accredited
think • innovate • transform

MINUTES OF FORTIETH MEETING OF THE ACADEMIC COUNCIL

Date   : 27.08.2022   Venue: **Richard Dawkins Hall**

Time : 10.30 A.M   Place : **PMIST, Vallam – Thanjavur**

The Fortieth Meeting of the Academic Council of the Periyar Maniammai Institute of Science & Technology (PMIST), Vallam, Thanjavur held on 27.08.2022 at 10.30 a.m.

Prof.S.Velusami, Hon'ble Vice-Chancellor, chaired the meeting.

The following Academic Council Members were present

1.	Dr.D.Aarthi Saravanan	Member
2.	Dr.A.Anand Jerard Sebastine	Member
3.	Dr.S.Arumugam	Member
4.	Dr.P.Aruna	Member
5.	Dr.S.Asokan	Member
6.	Dr.S.Buvaneswari	Member
7.	Dr.A.George	Member
8.	Dr.S.Gomathi	Member
9.	Dr.P.Guru	Member
10.	Dr.V.Hamsadhwani	Member
11.	Dr.R.Jayanthi	Member
12.	Dr.N.Jayanthi	Member
13.	Dr.J.Jeyachidra	Member
14.	Mr.I.Karthic Subramaniayan	Member
15.	Dr.T.Kavitha	Member
16.	Dr.K.Kesavan	Member
17.	Dr.R.Krishnamurthi	Member
18.	Dr.S.P.Kulanthaivel Babu	Member

1

FHSM BA.-Tamil 40.5.15	TO CONSIDER AND APPROVE the Curriculum and Syllabi for General Tamil I & General Tamil II offered in Semester I & II and the Foundational Tamil I & Foundation Tamil II offered to U.G degree programmes (Regulation 2022).

Notes:

The Board of studies of the Department of Languages recommended the Curriculum and Syllabi for General Tamil I, General Tamil II, Foundational Tamil I & Foundational Tamil II to be offered for the first year U.G degree programmes (Excluding B.Tech, B.Sc B.Ed & B.Arch). Foundational Tamil I & Foundational Tamil II are offered, instead of General Tamil I & General Tamil II for the students who didn't choose Tamil as Part I in their Higher Secondary classes, from the academic year 2022-23 (Regulation 2022).

The matter is placed before the Academic Council for approval.

Dr. P.K.Srividhya, Registrar suggested to consider other foreign languages like French and German either in offline or online mode.

Resolution

RESOLVED TO APPROVE the Curriculum and Syllabus for General Tamil I & General Tamil II, offered in Semester I & II and the Foundational Tamil I & Foundational Tamil II (Regulation 2022).

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MINUTES OF THIRTY EIGHTH MEETING OF THE ACADEMIC COUNCIL

Date : 30.09.2021   Venue: Through Online
Time : 03.30 p.m.   Place : PMIST, Vallam – Thanjavur

The Thirty Eighth Meeting of the Academic Council of the Periyar Maniammai Institute of Science & Technology (PMIST), Vallam, Thanjavur was held on 30.09.2021 at 03.30 p.m. through Zoom Meet.

Prof.S.Velusami, Hon'ble Vice-Chancellor, chaired the meeting.

The following Academic Council Members were present (Through Zoom meet):

1.	Dr.A.Anand Jerard Sebastine	Member
2.	Dr.K.Anbarasu	Member
3.	Dr.S.Arumugam	Member
4.	Dr.A.P.Aruna	Member
5.	Dr.P.Aruna	Member
6.	Dr.A.Ashokkumar	Member
7.	Dr.S.Asokan	Member
8.	Dr.S.Buvaneswari	Member
9.	Dr.A.George	Member
10.	Dr.S.Gomathi	Member
11.	Dr.P.Guru	Member
12.	Dr.V.Hamsadhwani	Member
13.	Dr.R.Jayanthi	Member
14.	Dr.L.Jayanthi	Member
15.	Dr.N.Jayanthi	Member
16.	Dr.J.Jeyachidra	Member

1

Open Electives

1. Multimedia Design and Development
2. Computer Installation and Troubleshooting
3. Web Design I
4. Web Design II

The matter is placed before the Academic Council for approval.

Resolution

RESOLVED TO APPROVE the Curriculum and Syllabus for B.Tech – Computer Science and Engineering programme under Full-Time (Regulation 2021).

DEPARTMENT OF COMPUTER SCIENCE AND APPLICATIONS

FCSE BCA 38.4.2 — TO CONSIDER AND APPROVE the Curriculum and Syllabus for BCA programme under Full-Time (Regulation 2021).

Notes:

The Board of Studies of the Department of Computer Science and Applications recommended the curriculum from I to VI Semesters and Syllabus from I to VI Semesters for BCA programme under Full-Time (Regulation 2021).

Curriculum and Syllabus has 30% revision from previous syllabus. The syllabus revision is based on feedback on curricular aspects from students, teachers, employers and alumni. The syllabus has 89% courses having focus on employability/entrepreneurship/skill development. The complete Curriculum and Syllabus with details are attached as Annexure. The new courses of Regulations 2021 and Value-added courses to be offered by the department are as follows:

25

New Courses

1. C Programming Lab
2. Object Oriented Programming with C++ Lab
3. Data Structures and Algorithms Lab
4. HTML and DHTML Lab
5. Database Management Systems Lab
6. Visual Programming Lab
7. Entrepreneurship Development
8. Data Analytics Lab
9. Java Programming Lab
10. Operating Systems Lab
11. Internet of Things
12. XML and Web Services Lab
13. Unix and Shell Programming Lab
14. Web Scripting Framework Lab
15. Cyber Security
16. Introduction to Python
17. Data Science
18. Introduction to Python Lab
19. .Net Technologies Lab
20. Programming with PHP and MySQL Lab

Value Added Courses

1. Python Programming
2. Cloud Computing
3. Big Data Analytics
4. R Programming
5. IoT
6. Advanced Java Programming
7. Natural Language Processing
8. RBA-Run Book Automation

The matter is placed before the Academic Council for Approval.

Resolution

RESOLVED TO APPROVE the Curriculum and Syllabus for BCA programme under Full-Time (Regulation 2021).

26

B.Sc Data Science

MINUTES OF FORTIETH MEETING OF THE ACADEMIC COUNCIL

Date : 27.08.2022   **Venue: Richard Dawkins Hall**

Time : 10.30 A.M   **Place : PMIST, Vallam – Thanjavur**

The Fortieth Meeting of the Academic Council of the Periyar Maniammai Institute of Science & Technology (PMIST), Vallam, Thanjavur held on 27.08.2022 at 10.30 a.m.

Prof.S.Velusami, Hon'ble Vice-Chancellor, chaired the meeting.

The following Academic Council Members were present

1.	Dr.D.Aarthi Saravanan	Member
2.	Dr.A.Anand Jerard Sebastine	Member
3.	Dr.S.Arumugam	Member
4.	Dr.P.Aruna	Member
5.	Dr.S.Asokan	Member
6.	Dr.S.Buvaneswari	Member
7.	Dr.A.George	Member
8.	Dr.S.Gomathi	Member
9.	Dr.P.Guru	Member
10.	Dr.V.Hamsadhwani	Member
11.	Dr.R.Jayanthi	Member
12.	Dr.N.Jayanthi	Member
13.	Dr.J.Jeyachidra	Member
14.	Mr.I.Karthic Subramaniayan	Member
15.	Dr.T.Kavitha	Member
16.	Dr.K.Kesavan	Member
17.	Dr.R.Krishnamurthi	Member
18.	Dr.S.P.Kulanthaivel Babu	Member

1

b). Data Science

Sl. No	Course Code	Course Name	Semester	L	T	P	C	H
1	XCSHD1	Introduction to Data Science	III	1	0	2	3	5
2	XCSHD2	Data Visualization and Text Analytics	IV	1	0	2	3	5
3	XCSHD3	Applied Artificial Intelligence	V	1	0	2	3	5
4	XCSHD4	Deep Learning	VI	1	0	2	3	5
5	XCSHD5	Internet of Things	VI	1	0	2	3	5
6	XCSHD6	Mini project	VII	-	-	5	5	10
			Total	5	0	15	20	35

The specialization is applicable for students admitted from the academic year 2021-2022 onwards. The specialization is optional and the courses are taken in collaboration with the industry.

The matter is placed before the Academic Council for approval.

Resolution

RESOLVED TO APPROVE the curriculum and syllabi for B.Tech. (Hons).-Computer Science and Engineering with specializations in a) Artificial Intelligence and Machine Learning b) Data Science (Regulation 2021, Revision 1: Full time mode). The courses pertaining to the specialization and their credits (In addition to the courses in B.Tech–Computer Science and Engineering Curriculum and Syllabi, Regulation 2021).

DEPARTMENT OF COMPUTER SCIENCE AND APPLICATIONS

FCSE B.Sc.-Data Science 40.4.2	**TO CONSIDER AND APPROVE** the Curriculum and the Syllabi of the new degree programme, B.Sc.-Data Science, to be offered from the Academic Year 2022-23 under Full-Time (Regulation 2022).

Notes:

A new degree programme B.Sc. – Data Science is introduced from the year academic year 2022-23 onwards. The Board of Studies of the Department of Computer Science and Applications recommended the Curriculum and Syllabi

25

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from I to VI Semester for B.Sc.-Data Science programme under Full-Time (Regulation 2022).

Value Added Courses offered by the department in 2022-23:

1. Pattern Recognition
2. Image Processing
3. MATLAB
4. Strike and DIP
5. Advanced Data Model

The matter is placed before the Academic Council for approval.

Resolution

RESOLVED TO APPROVE the Curriculum and the Syllabi of the new degree programme, B.Sc.-Data Science, to be offered from the Academic Year 2022-23 under Full-Time (Regulation 2022) and the value added courses offered by the department in 2022-23.

FCSE
BCA
40.4.3

TO CONSIDER AND APPROVE the revision in Curriculum and Syllabi for BCA Programme under Full Time (Regulation 2021, Revision 1).

Notes:

The Board of Studies of the Department of Computer Science and Applications pertaining to BCA programme recommended a few revisions in the Curriculum and Syllabi under Full Time (Regulation 2021, Revision 1) for the students admitted from the academic year 2022-23.

The matter is placed before the Academic Council for approval.

Resolution

RESOLVED TO APPROVE the revision in Curriculum and Syllabi for BCA Programme under Full Time (Regulation 2021, Revision 1).

DEPARTMENT OF SOFTWARE ENGINEERING

FCSE
B.Sc.- AI
40.4.4

TO CONSIDER AND APPROVE the Curriculum and Syllabus for B.Sc. Artificial Intelligence degree Programme under Full Time (Regulation 2022).

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8. Department of Software Engineering

B.SC Computer Science

Department of Software Engineering

Periyar Nagar, Vallam Thanjavur - 613 403, Tamil Nadu, India
Phone: +91 – 4362 – 264600, Fax: +91 – 4362 - 264660
Email: headmsc@pmu.edu   Web: www. pmu.edu

PERIYAR MANIAMMAI
INSTITUTE OF SCIENCE & TECHNOLOGY
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MINUTES OF THE BOARD OF STUDIES

(Regulations 2020)

Date: 22.09.2020

Time: 11.00 AM

Members present

S.No	Name	Designation	Representing	Signature
1.	Dr. P.Aruna	Head / Asso. Professor	Chair person	P. A
2.	Dr.J.Jeyachidra	Asso. Professor/CSA & Deani/c-/FCSE	Member	
3.	Dr.Jayanthi	Professor, Dept. of Civil Engg.	Member	R. Jayanthi
4.	Dr.A.Sasikala	Asso.Prof & HOD /Maths	Member	
5.	Dr.K.Kesavan	Asst.Prof & HOD/Physics	Member	
6.	Dr K.Selvam	Asst.Prof & HOD/English	Member	
7.	Dr.K.Mohankumar	Asst. Prof. PG Research Department of Computer Science, Rajah Serfoji Govt. College,Thanjavur.	Member (Academia)	through online

8.	Mr.J.Roy Jose	Team Lead, Stead Fast Technologies, Chennai	Member (Industry)	through online
9.	Mr. D.Maghesh Kumar	Assistant Professor / SE	Member	D. Magh
10.	Ms.S.Manjula	Assistant Professor / SE	Member	Sanjul
11.	Mr. A.M.Karthick	Student V Year, M.Sc. SE	Member	through online

Agenda:

The main objective of this is to prepare a comprehensive course structure for undergraduate Computer Science programme.

It is a student centric framework where they are expected to learn fundamentals of computer science along with the latest trends and techniques.

Points to be discussed

1. Reframing Graduate attributes, Program Outcomes, Course Outcomes, Mappings and Curriculum Alignment Matrix.

2. Framing Curriculum for B.Sc. (Computer Science) Degree programme based on the LOCF (Learning Outcome based Curriculum Framework) recommended by UGC.

3. Developing Syllabus from I - VI semesters for B.Sc. (Computer Science) Degree programme.

The members of Board of studies of Department of Software Engineering met on 22.09.2020 and discussed and framed the curriculum and syllabus for B.Sc. (Computer Science)programme for Regulation 2020.

I   FEEDBACK COLLECTED, ANALYZED AND ACTION TAKEN

Alumni students: Yes

Parents: Yes

Employers:	Yes
Students:	Yes
Academicians: (Indian and Foreign)	Yes
Industrial Persons:	Yes
Course Teachers:	Yes

Important observations made and addressed in BOS and modified as per the Learning Outcomes-based Curriculum Framework (LOCF) recommended by UGC.

1. Number of credits increased from 125 to 140 + 2(Extra Credit).
   (Credits recommended by UGC is 132 to 148).
2. Reframing of courses as per the compulsory and suggestive list provided by UGC.
3. Reordering of courses to maintain the flow of study of the entire programme.
4. Inclusion of lab elements in the Theory cum Lab course.
5. Introducing new courses to meet the industrial expectations.
6. Reframing of Graduate Attributes, Program Outcomes, Course Outcomes and Curriculum Alignment Matrix.

II. COMPARISON BETWEEN REGULATIONS 2019 & 2020

Semester	Regulation 2019 – Course Name	Regulation 2020 – Course Name	Addition / Deletion
I	Communication Skills in English	Basic English Communication Skills	Title changed
	Problem Solving Using C	Programming Methodologies	Removed Problem Solving Using C course and Programming Methodologies included
II	Programming in C++	Object Oriented Programming	Course title rephrased and moved to IV Sem
	Computer Architecture	Computer Organization & Architecture	Course title rephrased and moved to V Sem

III	Programming in Java	Programming in Java	Course moved to V Sem
	Disaster Management	Disaster Management	Moved to II Sem
IV	Open-source software	-	Removed Course
	Data Structures and Algorithms	Data Structures Algorithms	Data Structures moved to II Sem Algorithms moved to III Sem
	Computer Networks	Computer Networks	Moved as elective paper to V Sem
	. Net Technologies	. Net Technologies	Moved as elective to V Sem
	Total Quality Management	-	Removed
	E Commerce	-	Removed
	Python Programming	Python Programming	Moved as elective to V Sem
V Sem	Software Engineering	Software Engineering	Moved to elective
	Data Base Management System	Data Base Management System	Moved to IV Sem
	Data Warehousing and Data Mining	Data Mining	Rephrased and moved to VI Sem
	Computer Graphics	Computer Graphics	Moved to VI Sem
	Game Programming	-	Removed
VI Sem	Cloud Computing	Cloud Computing	.
	Web Technologies	Web Technologies	
	Ethical Hacking	-	Removed
	Client Server Computing	-	Removed
	Software Testing and Quality Assurance	-	Removed
	System Analysis and Design	-	Removed
	Management Information System	-	Removed

COURSES INTRODUCED AS PER UGC RECOMMENDED STRUCTURE

❖ **Ability Enhancement Compulsory Courses (AECC)**

English, Tamil and Environmental Studies should occupy I & II semesters.

❖ **Core Courses (CC) - Computer Science**

CC-A (Compulsory) and CC-B, C (Auxiliary) introduced in I, II, III, IV semesters.

New Course Introduced:

  • Programming Methodologies

❖ **Skill Enhancement Courses (SEC)** should be in III, IV, V, VI semesters.

New Course Introduced:

- MATLAB Programming
- Mobile Application Development

❖ **Discipline Specific Elective (DSE)** should be present in V, VI semesters.

New Course Introduced:

- Computer Ethics
- GIMP (GNU Image Manipulation Program)
- Theory of Computation
- Internet Technologies
- System Security
- Machine Learning
- Human Computer Interface
- Data Analytics

III. MINOR COURSES PROVIDED

- R Programming
- Angular JS

IV. OVERALL PERCENTAGE OF CHANGES COMPARED TO REGULATION 2019

- 52 Percentage

M.SC Software Engineering

TWENTY NINTH MEETING OF THE ACADEMIC COUNCIL

Date : 09.06.2018   Venue : Richard Dawkins Hall

Time : 10.30 A.M   Place : PMIST, Vallam – Thanjavur

The Twenty Ninth meeting of the Academic Council was held on 09.06.2018 at 10.30 a.m. in the Richard Dawkins Hall of the Periyar Maniammal Institute of Science & Technology, Vallam, Thanjavur.

The following Academic Council Members were present:

1.	Dr.R.Ambalavanan	Member
2.	Dr.A.Anand Jerard Sebastine	Member
3.	Dr.K.Anbalagan	Member
4.	Dr.A.Ashok Kumar	Member
5.	Dr.S.Asokan	Member
6.	Dr.S.Devadoss	Member
7.	Dr.A.George	Member
8.	Dr.D.Janaki	Member
9.	Dr.R.Jayanthi	Member
10.	Dr.P.Jayasudha	Member
11.	Dr.J.Jeyachidra	Member
12.	Dr.D.Jeyasimman	Member
13.	Mr.Jospeh N Fernado	Member
14.	Mr.I.Karthic Subramaniayan	Member
15.	Ms.V.S.Kavitha	Member
16.	Dr.S.P.Kulanthaivel Babu	Member
17.	Dr.S.Kumaran	Member
18.	Dr.K.Lakshmi	Member

1

The matter is placed before the Academic Council for approval.

Resolution

RESOLVED TO APPROVE the Curriculum and Syllabus from I to VI Semester for MCA under Full Time (Regulation 2018).

DEPARTMENT OF SOFTWARE ENGINEERING

FCSE **M.Sc.-S/W** **29.5.3**	**TO CONSIDER AND APPROVE** the Curriculum and Syllabus for M.Sc.-Software Engineering under full-time (Regulation 2018)

Notes:

The Board of Studies for Department of Software Engineering has recommended the Curriculum and Syllabus from I to X Semester for M.Sc. - Software Engineering programme under Full-Time (Regulation 2018) for the students to be admitted from the academic year 2018-19.

The matter is placed before the Academic Council for approval.

Resolution

RESOLVED TO APPROVE the Curriculum and Syllabus from I to X Semester for M.Sc. - Software Engineering programme under full-time (Regulation 2018).

FCSE **B.Sc.- A & M** **29.5.4**	**TO CONSIDER AND APPROVE** the Curriculum and Syllabus for B.Sc.-Animation and Multimedia programme under Full-Time (Regulation 2018)

Notes:

The Board of Studies for Department of Software Engineering has recommended the Curriculum and Syllabus from I to VI Semester for B.Sc.-Animation and Multimedia programme under Full-Time (Regulation 2018) for the students to be admitted from the academic year 2018-19.

The matter is placed before the Academic Council for approval.

Resolution

RESOLVED TO APPROVE the Curriculum and Syllabus from I to VI Semester for B.Sc.-Animation and Multimedia programme under Full-Time (Regulation 2018).

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B.Sc Animation and Multimedia

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MINUTES OF THIRTY EIGHTH MEETING OF THE ACADEMIC COUNCIL

Date : 30.09.2021   Venue: Through Online
Time : 03.30 p.m.   Place : PMIST, Vallam – Thanjavur

The Thirty Eighth Meeting of the Academic Council of the Periyar Maniammai Institute of Science & Technology (PMIST), Vallam, Thanjavur was held on 30.09.2021 at 03.30 p.m. through Zoom Meet.

Prof.S.Velusami, Hon'ble Vice-Chancellor, chaired the meeting.

The following Academic Council Members were present (Through Zoom meet):

1.	Dr.A.Anand Jerard Sebastine	Member
2.	Dr.K.Anbarasu	Member
3.	Dr.S.Arumugam	Member
4.	Dr.A.P.Aruna	Member
5.	Dr.P.Aruna	Member
6.	Dr.A.Ashokkumar	Member
7.	Dr.S.Asokan	Member
8.	Dr.S.Buvaneswari	Member
9.	Dr.A.George	Member
10.	Dr.S.Gomathi	Member
11.	Dr.P.Guru	Member
12.	Dr.V.Hamsadhwani	Member
13.	Dr.R.Jayanthi	Member
14.	Dr.L.Jayanthi	Member
15.	Dr.N.Jayanthi	Member
16.	Dr.J.Jeyachidra	Member

1

DEPARTMENT OF SOFTWARE ENGINEERING

FCSE B.Sc.- A&M 38.4.3	**TO CONSIDER AND APPROVE** the Curriculum and Syllabus for B.Sc. – Animation and Multimedia programme under Full-Time (Regulation 2021)

Notes:

The Board of Studies of the Department of Software Engineering recommended the Curriculum from I to VI Semesters and Syllabus from I to VI Semesters for B.Sc. Animation and Multimedia programme under Full-Time (Regulation 2021).

Modifications in the Curriculum is based on Learning Outcomes based Curriculum Frame work (LOCF) released by University Grant Commission.

Credit distribution of the Curriculum and Syllabus is in line with UGC guidelines 2020 with 35% revision from previous syllabus. The syllabus revision is based on feedback on curricular aspects from students, teachers, employers and alumni. The syllabus has 88% courses having focus on employability/entrepreneurship/skill development. The complete Curriculum and Syllabus with details are attached as Annexure. The new courses of Regulations 2021 and new value added courses to be offered by department to other departments are as follows:

New courses

1. Foundation Art
2. Introduction to Computer Graphic Design
3. Vector Graphics
4. Multimedia
5. Paint Effects & Dynamics
6. Virtual Reality and Augmented Reality
7. UX Design
8. Character Design For Animation
9. E-Publishing
10. Acting For Animators
11. Advanced 3D Animation
12. Advertisement Film Making
13. Miniatures For Low Budget Filming

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14. Media Law and Ethics
15. Introduction to Advertising
16. Introduction to Journalism
17. Online Content Creation (Minor Course)

New Value Added Courses

1. Office Automation
2. Coral Draw
3. Adobe Indesign
4. Film Appreciation
5. 3D Modeling with Blender
6. Creative Art

The matter is placed before the Academic Council for approval.

Resolution

RESOLVED TO APPROVE the Curriculum and Syllabus for B.Sc. – Animation and Multimedia programme under Full-Time (Regulation 2021).

FCSE M.Sc.-CS 38.4.4

TO CONSIDER AND APPROVE the Curriculum and Syllabus for M.Sc. – Computer Science Programme under Full-Time (Regulation 2021).

Notes:

New programme M.Sc. – Computer Science is introduced from the year 2021-22 onwards. The Board of Studies of the Department of Software Engineering pertaining to M.Sc. Computer Science programme recommended the Curriculum from I to IV Semesters and Syllabus from I to IV Semesters under Full-Time (Regulation 2021).

Curriculum and Syllabus for M.Sc. Computer Science programme is based on the feedback from Department Advisory Committee, External academic and industrial experts. The complete Curriculum and Syllabus is given as Annexure.

The matter is placed before the Academic Council for approval.

Resolution

RESOLVED TO APPROVE the Curriculum and Syllabus for M.Sc. – Computer Science Programme under Full-Time (Regulation 2021).

28

B.Sc Artificial Intelligence

<u>**MINUTES OF FORTIETH MEETING OF THE ACADEMIC COUNCIL**</u>

Date : 27.08.2022   Venue: Richard Dawkins Hall
Time : 10.30 A.M   Place : PMIST, Vallam – Thanjavur

The Fortieth Meeting of the Academic Council of the Periyar Maniammai Institute of Science & Technology (PMIST), Vallam, Thanjavur held on 27.08.2022 at 10.30 a.m.

Prof.S.Velusami, Hon'ble Vice-Chancellor, chaired the meeting.

<u>**The following Academic Council Members were present**</u>

1.	Dr.D.Aarthi Saravanan	Member
2.	Dr.A.Anand Jerard Sebastine	Member
3.	Dr.S.Arumugam	Member
4.	Dr.P.Aruna	Member
5.	Dr.S.Asokan	Member
6.	Dr.S.Buvaneswari	Member
7.	Dr.A.George	Member
8.	Dr.S.Gomathi	Member
9.	Dr.P.Guru	Member
10.	Dr.V.Hamsadhwani	Member
11.	Dr.R.Jayanthi	Member
12.	Dr.N.Jayanthi	Member
13.	Dr.J.Jeyachidra	Member
14.	Mr.I.Karthic Subramaniayan	Member
15.	Dr.T.Kavitha	Member
16.	Dr.K.Kesavan	Member
17.	Dr.R.Krishnamurthi	Member
18.	Dr.S.P.Kulanthaivel Babu	Member

1

DEPARTMENT OF SOFTWARE ENGINEERING

FCSE B.Sc.- AI 40.4.4	TO CONSIDER AND APPROVE the Curriculum and Syllabus for B.Sc. Artificial Intelligence degree Programme under Full Time (Regulation 2022).

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Notes:

A new degree programme B.Sc. Artificial Intelligence is introduced from year 2022-23 onwards. The Board of Studies of the Department of Software Engineering pertaining to B.Sc. Artificial Intelligence degree programme recommended the curriculum from I to VI Semesters and Syllabi from I to VI Semesters under Full Time (Regulation 2022).

Curriculum and Syllabus for the B.Sc. Artificial Intelligence degree programme is framed by the department faculty considering the feedback from Department Advisory Committee, External academic and industrial experts. The complete curriculum and syllabus with details are given as Annexure.

Value added courses to be offered by department as follows:

Value Added Courses offered by the department in 2022-23:

1. Office Automation
2. Photoshop
3. Computer Hardware and Trouble shooting.
4. Practical Computer Networking
5. REACT JS
6. Multimedia

The matter is placed before the Academic Council for approval.

Resolution

RESOLVED TO APPROVE the Curriculum and Syllabus for B.Sc. Artificial Intelligence degree Programme under Full Time (Regulation 2022) and the value added courses offered by the department in 2022-23.

M.Sc Computer Science

FCSE M.Sc.-CS 38.4.4   TO CONSIDER AND APPROVE the Curriculum and Syllabus for M.Sc. – Computer Science Programme under Full-Time (Regulation 2021).

Notes:

New programme M.Sc. – Computer Science is introduced from the year 2021-22 onwards. The Board of Studies of the Department of Software Engineering pertaining to M.Sc. Computer Science programme recommended the Curriculum from I to IV Semesters and Syllabus from I to IV Semesters under Full-Time (Regulation 2021).

Curriculum and Syllabus for M.Sc. Computer Science programme is based on the feedback from Department Advisory Committee, External academic and industrial experts. The complete Curriculum and Syllabus is given as Annexure.

The matter is placed before the Academic Council for approval.

Resolution

RESOLVED TO APPROVE the Curriculum and Syllabus for M.Sc. – Computer Science Programme under Full-Time (Regulation 2021).

28

9.Department of Chemistry

B.Sc Chemistry and M.Sc Chemistry

MINUTES OF FORTIETH MEETING OF THE ACADEMIC COUNCIL

Date : 27.08.2022	Venue: Richard Dawkins Hall
Time : 10.30 A.M	Place : PMIST, Vallam – Thanjavur

The Fortieth Meeting of the Academic Council of the Periyar Maniammai Institute of Science & Technology (PMIST), Vallam, Thanjavur held on 27.08.2022 at 10.30 a.m.

Prof.S.Velusami, Hon'ble Vice-Chancellor, chaired the meeting.

The following Academic Council Members were present

1.	Dr.D.Aarthi Saravanan	Member
2.	Dr.A.Anand Jerard Sebastine	Member
3.	Dr.S.Arumugam	Member
4.	Dr.P.Aruna	Member
5.	Dr.S.Asokan	Member
6.	Dr.S.Buvaneswari	Member
7.	Dr.A.George	Member
8.	Dr.S.Gomathi	Member
9.	Dr.P.Guru	Member
10.	Dr.V.Hamsadhwani	Member
11.	Dr.R.Jayanthi	Member
12.	Dr.N.Jayanthi	Member
13.	Dr.J.Jeyachidra	Member
14.	Mr.I.Karthic Subramaniayan	Member
15.	Dr.T.Kavitha	Member
16.	Dr.K.Kesavan	Member
17.	Dr.R.Krishnamurthi	Member
18.	Dr.S.P.Kulanthaivel Babu	Member

1

The matter is placed before the Academic Council for approval.

Resolution

RESOLVED TO APPROVE the changing and combining of the Core courses for the M.A.-Political Science programme.

DEPARTMENT OF CHEMISTRY

FHSM B.Sc.- Chemistry 40.5.20

TO CONSIDER AND APPROVE the Curriculum and Syllabi from I to VI Semester for B.Sc. Chemistry programme (Regulation 2022) under full time for the candidates admitted from 2022–23 onwards.

Notes:

The Board of Studies of Department of Chemistry recommended the Curriculum and Syllabi from I to VI Semester for B.Sc Chemistry programme under Full time (Regulation 2022) for the candidates admitted from 2022-23 onwards.

The matter is placed before the Academic Council for approval.

Resolution

RESOLVED TO APPROVE the Curriculum and Syllabi from I to VI Semester for B.Sc. Chemistry programme (Regulation 2022) under full time for the candidates admitted from 2022–23 onwards.

FHSM M.Sc.- Chemistry 40.5.21

TO CONSIDER AND APPROVE the Curriculum and Syllabi for I to IV Semester for M.Sc Chemistry programme (Regulation 2022) under full time for the candidates admitted from 2022–23 onwards - Reg.

Notes:

The Board of Studies of Department of Chemistry recommended the Curriculum and Syllabi for I to IV Semester for M.Sc. Chemistry programme (Regulation 2022) under full time for the candidates admitted from 2022 –23 onwards.

The matter is placed before the Academic Council for Approval.

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10. Department of Commerce

B.Com –Hons. And B.Com

Periyar Nagar, Vallam, Thanjavur - 613 403, Tamil Nadu, India
Phone: +91 - 4362 – 264600   Fax: +91-4362- 264660
Email: registrar@pmu.edu   Web: www.pmu.edu

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MINUTES OF FORTIETH MEETING OF THE ACADEMIC COUNCIL

Date : 27.08.2022   Venue: Richard Dawkins Hall
Time : 10.30 A.M   Place : PMIST, Vallam – Thanjavur

The Fortieth Meeting of the Academic Council of the Periyar Maniammai Institute of Science & Technology (PMIST), Vallam, Thanjavur held on 27.08.2022 at 10.30 a.m.

Prof.S.Velusami, Hon'ble Vice-Chancellor, chaired the meeting.

The following Academic Council Members were present

1.	Dr.D.Aarthi Saravanan	Member
2.	Dr.A.Anand Jerard Sebastine	Member
3.	Dr.S.Arumugam	Member
4.	Dr.P.Aruna	Member
5.	Dr.S.Asokan	Member
6.	Dr.S.Buvaneswari	Member
7.	Dr.A.George	Member
8.	Dr.S.Gomathi	Member
9.	Dr.P.Guru	Member
10.	Dr.V.Hamsadhwani	Member
11.	Dr.R.Jayanthi	Member
12.	Dr.N.Jayanthi	Member
13.	Dr.J.Jeyachidra	Member
14.	Mr.I.Karthic Subramaniayan	Member
15.	Dr.T.Kavitha	Member
16.	Dr.K.Kesavan	Member
17.	Dr.R.Krishnamurthi	Member
18.	Dr.S.P.Kulanthaivel Babu	Member

1

FHSM BA-Tamil 40.5.15	TO CONSIDER AND APPROVE the Curriculum and Syllabi for General Tamil I & General Tamil II offered in Semester I & II and the Foundational Tamil I & Foundation Tamil II offered to U.G degree programmes (Regulation 2022).

Notes:

DEPARTMENT OF COMMERCE

FHSM B.Com.- Hons 40.5.7

TO CONSIDER AND APPROVE the Curriculum and Syllabi for B.Com (Hons) under Full-Time (Regulation 2022).

Notes:

The Board of Studies of Department of Commerce recommended the Curriculum and Syllabi for I to VI Semester B.Com (Hons) under Full-Time (Regulation 2022).

The matter is placed before the Academic Council for approval.

Resolution

RESOLVED TO APPROVE the Curriculum and Syllabi for B.Com (Hons) under Full-Time (Regulation 2022).

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FHSM B.Com. 40.5.8

TO CONSIDER AND APPROVE the Curriculum and Syllabi for B.Com under Full Time (Regulation 2022).

Notes:

The Board of Studies of Department of Commerce recommended the Curriculum and Syllabi from I to VI Semester for B.Com under Full-Time (Regulation 2022).

The matter is placed before the Academic Council for approval.

Resolution

RESOLVED TO APPROVE the Curriculum and Syllabi for B.Com under Full Time (Regulation 2022).

11. Department of Languages

M.A. English

MINUTES OF FORTIETH MEETING OF THE ACADEMIC COUNCIL

Date   : 27.08.2022   Venue: Richard Dawkins Hall
Time : 10.30 A.M   Place : PMIST, Vallam – Thanjavur

The Fortieth Meeting of the Academic Council of the Periyar Maniammai Institute of Science & Technology (PMIST), Vallam, Thanjavur held on 27.08.2022 at 10.30 a.m.

Prof.S.Velusami, Hon'ble Vice-Chancellor, chaired the meeting.

The following Academic Council Members were present

1.	Dr.D.Aarthi Saravanan	Member
2.	Dr.A.Anand Jerard Sebastine	Member
3.	Dr.S.Arumugam	Member
4.	Dr.P.Aruna	Member
5.	Dr.S.Asokan	Member
6.	Dr.S.Buvaneswari	Member
7.	Dr.A.George	Member
8.	Dr.S.Gomathi	Member
9.	Dr.P.Guru	Member
10.	Dr.V.Hamsadhwani	Member
11.	Dr.R.Jayanthi	Member
12.	Dr.N.Jayanthi	Member
13.	Dr.J.Jeyachidra	Member
14.	Mr.I.Karthic Subramaniayan	Member
15.	Dr.T.Kavitha	Member
16.	Dr.K.Kesavan	Member
17.	Dr.R.Krishnamurthi	Member
18.	Dr.S.P.Kulanthaivel Babu	Member

1

FHSM MA.-English 40.5.12
TO CONSIDER AND APPROVE the Curriculum and Syllabi for M.A.-English from I to IV Semester under Full-Time programme (Regulation 2021, Revision II).

Notes:

The Board of Studies of the Department of Languages recommended the Curriculum and syllabi for M.A.-English offered from the academic year 2022-23 (Regulation 2021, Revision II).

The matter is placed before the Academic Council for approval.

Resolution

RESOLVED TO APPROVE the Curriculum and Syllabi for M.A.-English programme from I to IV Semester under Full-Time (Regulation 2021, Revision II).

33

B.A. English

DEPARTMENT OF LANGUAGES

FHSM BA.-English 40.5.11

TO CONSIDER AND APPROVE the Curriculum and Syllabi of B.A.-English from I to VI Semester under Full-Time (Regulation 2021, Revision II).

Notes:

The Board of Studies of the Department of Languages recommended the Curriculum and syllabi for B.A.-English offered from the academic year 2022-23 (Regulation 2021, Revision II).

The matter is placed before the Academic Council for approval.

Resolution

RESOLVED TO APPROVE the Curriculum and Syllabi of B.A.-English from I to VI Semester under Full-Time (Regulation 2021, Revision II).

B.A. Tamil

FHSM BA.-Tamil 40.5.14

TO CONSIDER AND APPROVE the Curriculum and Syllabi for B.A.-Tamil programme for I to VI Semester under Full-Time (Regulation 2022).

Notes:

The Board of studies of the Department of Languages recommended the Curriculum and Syllabi for B.A.-Tamil offered from the academic year 2022-23 (Regulation 2022).

The matter is placed before the Academic Council for approval.

Resolution

RESOLVED TO APPROVE the Curriculum and Syllabi for B.A.-Tamil programme for I to VI Semester under Full-Time (Regulation 2022).

B.A. Journalism and Mass Communication

FHSM B.A.-JMC 40.5.16

TO CONSIDER AND APPROVE the Curriculum and Syllabus for B.A.-Journalism and Mass Communication programme from I to VI Semester under Full-Time (Regulation 2022).

Notes:

The Board of studies of the Department of Languages recommended the Curriculum and Syllabi for B.A.-Journalism and Mass Communication offered from the academic year 2022-23 (Regulation 2022).

The matter is placed before the Academic Council for approval.

Resolution

RESOLVED TO APPROVE the Curriculum and Syllabus for B.A.-Journalism and Mass Communication programme from I to VI Semester under Full-Time p (Regulation 2022).

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M.A Tamil

MINUTES OF THIRTY EIGHTH MEETING OF THE ACADEMIC COUNCIL

Date : 30.09.2021   Venue: Through Online
Time : 03.30 p.m.   Place : PMIST, Vallam – Thanjavur

The Thirty Eighth Meeting of the Academic Council of the Periyar Maniammai Institute of Science & Technology (PMIST), Vallam, Thanjavur was held on 30.09.2021 at 03.30 p.m. through Zoom Meet.

Prof.S.Velusami, Hon'ble Vice-Chancellor, chaired the meeting.

The following Academic Council Members were present (Through Zoom meet):

1.	Dr.A.Anand Jerard Sebastine	Member
2.	Dr.K.Anbarasu	Member
3.	Dr.S.Arumugam	Member
4.	Dr.A.P.Aruna	Member
5.	Dr.P.Aruna	Member
6.	Dr.A.Ashokkumar	Member
7.	Dr.S.Asokan	Member
8.	Dr.S.Buvaneswari	Member
9.	Dr.A.George	Member
10.	Dr.S.Gomathi	Member
11.	Dr.P.Guru	Member
12.	Dr.V.Hamsadhwani	Member
13.	Dr.R.Jayanthi	Member
14.	Dr.L.Jayanthi	Member
15.	Dr.N.Jayanthi	Member
16.	Dr.J.Jeyachidra	Member

1

DEPARTMENT OF LANGUAGES

FHSM M.A.Tamil 38.5.1 TO CONSIDER AND APPROVE the Curriculum And Syllabus for M.A. Tamil programme from I to IV Semester under Full-Time (Regulation 2021).

Notes:

The Board of Studies of the Department of Languages recommended the Curriculum and Syllabus for M.A. Tamil from I to IV Semester to be offered from the academic year 2021-22 (Regulation 2021).

The matter is placed before the Academic Council for approval.

Resolution

RESOLVED TO APPROVE the Curriculum and Syllabus for M.A. Tamil programme from I to IV Semester under Full-Time (Regulation 2021).

12. Department of Mathematics

B.Sc Mathematics

MINUTES OF FORTIETH MEETING OF THE ACADEMIC COUNCIL

Date   : 27.08.2022   Venue: Richard Dawkins Hall
Time : 10.30 A.M   Place : PMIST, Vallam – Thanjavur

The Fortieth Meeting of the Academic Council of the Periyar Maniammai Institute of Science & Technology (PMIST), Vallam, Thanjavur held on 27.08.2022 at 10.30 a.m.

Prof.S.Velusami, Hon'ble Vice-Chancellor, chaired the meeting.

The following Academic Council Members were present

1.	Dr.D.Aarthi Saravanan	Member
2.	Dr.A.Anand Jerard Sebastine	Member
3.	Dr.S.Arumugam	Member
4.	Dr.P.Aruna	Member
5.	Dr.S.Asokan	Member
6.	Dr.S.Buvaneswari	Member
7.	Dr.A.George	Member
8.	Dr.S.Gomathi	Member
9.	Dr.P.Guru	Member
10.	Dr.V.Hamsadhwani	Member
11.	Dr.R.Jayanthi	Member
12.	Dr.N.Jayanthi	Member
13.	Dr.J.Jeyachidra	Member
14.	Mr.I.Karthic Subramaniayan	Member
15.	Dr.T.Kavitha	Member
16.	Dr.K.Kesavan	Member
17.	Dr.R.Krishnamurthi	Member
18.	Dr.S.P.Kulanthaivel Babu	Member

1

FHSM BA.-Tamil 40.5.15	TO CONSIDER AND APPROVE the Curriculum and Syllabi for General Tamil I & General Tamil II offered in Semester I & II and the Foundational Tamil I & Foundation Tamil II offered to U.G degree programmes (Regulation 2022).

Notes:

The Board of studies of the Department of Languages recommended the Curriculum and Syllabi for General Tamil I, General Tamil II, Foundational Tamil I & Foundational Tamil II to be offered for the first year U.G degree programmes (Excluding B.Tech, B.Sc B.Ed & B.Arch). Foundational Tamil I & Foundational Tamil II are offered, instead of General Tamil I & General Tamil II for the students who didn't choose Tamil as Part I in their Higher Secondary classes, from the academic year 2022-23 (Regulation 2022).

The matter is placed before the Academic Council for approval.

Department of Mathematics

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BOARD OF STUDIES MEETING
For B.Sc. and M.Sc Mathematics PROGRAMME

Minutes of Meeting

Date: 11.06.2022   Time: 2.00 PM   Venue: Mathematics Department

The Board of Studies meeting was held on 11.06.2022 for revision of Curriculum and Syllabi of B.Sc Mathematics and M.Sc Mathematics programme of Regulation 2022.

Members present:

Members of the BoS

Sl.No.	Name	Designation	Representing	Signature
1.	Dr.S.Buvaneswari	Associate Professor & Head Department of Mathematics Periyar Maniammai Institute of Science and Technology Vallam, Thanjavur	Chair person	
2.	Dr.A.Tamilselvan	Prof. & Head Department of Mathematics Bharathidasan University Tiruchirappalli 620 024	Member (Academic Expert)	
3.	Dr.A.George	Dean Academic Professor, Department of Mathematics, Periyar Maniammai Institute of Science and Technology Vallam, Thanjavur	Member	
4.	Dr.P.Vijayalakshmi	Dean(i/c) FHSM Asso.Professor Department of Mathematics Periyar Maniammai Institute of Science and Technology Vallam, Thanjavur	Member	
5.	Dr.C.Vimala	Asso.Professor Department of Mathematics Periyar Maniammai Institute of Science and Technology	Member	

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6.	Dr A Sasikala	Vallam, Thanjavur Asso Professor Department of Mathematics, Periyar Maniammai Institute of Science and Technology, Vallam, Thanjavur	Member	*(signature)* 11/6/22
7.	Dr.P.N.Sudha	Assistant Professor Department of Mathematics Periyar Maniammai Institute of Science and Technology Vallam, Thanjavur	Member	*(signature)* 8/6/22
8.	Ms.K.Rajeswari	Assistant Professor Department of Mathematics Periyar Maniammai Institute of Science and Technology Vallam, Thanjavur	Member	*(signature)* 11/6/22

S.No	Sem	Name of the course		%	
30	V	Numerical Methods	-	-	-
31	V	Number Theory	-	70%	-
32	V	Graph Theory	-	40%	-
33	V	Mathematical Modeling	Added as New Course	100%	Feedback received from stakeholders
34	V	Fundamentals of Data Science & R Programming	Added as New Course	100%	Feedback received from stakeholders
35	V	Quantitative Aptitude – IV	Added as New Course	100%	Feedback received from stakeholders
36	VI	Complex Analysis	-	-	-
37	VI	Operations Research	-	20%	-
38	VI	Fuzzy sets and its applications	Added as New Course	100%	Feedback received from stakeholders
39	VI	Recent Trends in Industrial Mathematics	Inter disciplinary Added as New Course	100%	Feedback received from stakeholders
40	VI	Astronomy	-	20%	-
41	VI	Stochastic Processes	-	40%	-
42	VI	Project	-	-	-
43	VI	Cyber Security	cutting edge	100%	University Mandatory Course

- **LIST OF NEWLY INTRODUCED COURSES IN REGULATION 2022**
  B.Sc Mathematics (39.39%)

S.No	Name of the course
1.	Classical algebra
2.	Quantitative Aptitude – 1
3.	Mathematical Statistics Practical – 1
4.	Quantitative Aptitude – II
5.	Abstract Algebra
6.	Mathematical Statistics – 2
7.	Mathematical Statistics Practical – 2
8.	Quantitative Aptitude – III
9.	Mathematical Modeling
10.	Fundamentals of Data Science & R Programming
11.	Quantitative Aptitude – IV
12.	Fuzzy sets and its applications
13.	Recent Trends in Industrial Mathematics

M.Sc Mathematics

- LIST OF NEWLY INTRODUCED COURSES IN REGULATION 2022
  M.Sc Mathematics (45.83%)

S.No	Name of the course
1	Neural Networks
2	Algebra II
3	Real Analysis II
4	Partial Differential Equations
5	Classical Dynamics
6	Fluid Dynamics
7	Combinatorics
8	Cryptography
9	Computer Programming (C++ Theory and Lab)
10	Elements of Stochastic Processes
11	Differential Geometry

Table III b: Table of courses removed with remarks **M.Sc Mathematics**

S.No	Course Code and Name	Remarks
1	Discrete Mathematics	Already Studied in UG
2	Mathematical Logic	Feedback received from stakeholders
3	Linear Algebra	Already Studied in UG
4	Analysis II	Feedback received from stakeholders
5	Data structures and Algorithms	Feedback received from stakeholders
6	Field Theory	Feedback received from stakeholders
7	Mathematical Statistics	Feedback received from stakeholders
8	Numerical Methods	Already Studied in UG
9	Commutative Algebra	Syllabus included in Algebra II
10	Automata Theory	Feedback received from stakeholders
11	Algebraic Number Theory	Feedback received from stakeholders

- PERCENTAGE CHANGE IN THE SYLLABUS

  b. M.Sc Mathematics

  Number of new courses added $= 11 = 45$ credits
  Number of old courses removed $= 11 = 41$ credits
  % change $= (45/92) \times 100 \qquad = 48.91\%$

13. Department of MBA

BBA Logistics and Supply Chain Management

Periyar Nagar, Vallam, Thanjavur - 613 403, Tamil Nadu, India
Phone: +91 - 4362 – 264600   Fax: +91- 4362 - 264660
Email: registrar@pmu.edu   Web: www.pmu.edu

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MINUTES OF FORTIETH MEETING OF THE ACADEMIC COUNCIL

Date : 27.08.2022   Venue: Richard Dawkins Hall
Time : 10.30 A.M   Place : PMIST, Vallam – Thanjavur

The Fortieth Meeting of the Academic Council of the Periyar Maniammai Institute of Science & Technology (PMIST), Vallam, Thanjavur held on 27.08.2022 at 10.30 a.m.

Prof.S.Velusami, Hon'ble Vice-Chancellor, chaired the meeting.

The following Academic Council Members were present

1.	Dr.D.Aarthi Saravanan	Member
2.	Dr.A.Anand Jerard Sebastine	Member
3.	Dr.S.Arumugam	Member
4.	Dr.P.Aruna	Member
5.	Dr.S.Asokan	Member
6.	Dr.S.Buvaneswari	Member
7.	Dr.A.George	Member
8.	Dr.S.Gomathi	Member
9.	Dr.P.Guru	Member
10.	Dr.V.Hamsadhwani	Member
11.	Dr.R.Jayanthi	Member
12.	Dr.N.Jayanthi	Member
13.	Dr.J.Jeyachidra	Member
14.	Mr.I.Karthic Subramaniayan	Member
15.	Dr.T.Kavitha	Member
16.	Dr.K.Kesavan	Member
17.	Dr.R.Krishnamurthi	Member
18.	Dr.S.P.Kulanthaivel Babu	Member

1

FHSM BBA (LSCM) 40.5.2	<mark>TO CONSIDER AND APPROVE the curriculum and Syllabi of I to VI Semester of the new programme BBA.-(Logistics and Supply Chain Management) under Full-Time (Regulation 2022).</mark>

Notes:

The Board of Studies of the Department of Management Studies recommended the Curriculum and Syllabi from I to VI Semester for BBA.-(Logistics and Supply Chain Management) programme under Full-Time (Regulation 2022).

In the 39th Academic Council Meeting, the new course considered was

BBA.-(Logistics Management),

But, as per the recommendations of the Board of Studies the new course

BBA.- (Logistics and Supply Chain Management), is offered.

The matter is placed before the Academic Council for approval.

Resolution

RESOLVED TO APPROVE the Curriculum and Syllabi of I to VI Semester of the new programme BBA.-(Logistics and Supply Chain Management) under Full-Time (Regulation 2022).

BBA Hospitality Management

FHSM BBA (HM) 40.5.3	<mark>TO CONSIDER AND APPROVE the Curriculum and Syllabi of I to VI Semester of BBA.-(Hospitality Management) under Full-Time (Regulation 2022).</mark>

Notes:

The Board of Studies of the Department of Management Studies recommended the Curriculum and Syllabi from I to VI Semester for BBA.-(Hospitality Management) programme under Full-Time (Regulation 2022).

In the 39th Academic Council Meeting, the new course considered was

BBA.-(Tourism and Travel Management)

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But, as per the recommendations of the Board of Studies the new course

BBA.-(Hospitality Management) is offered.

The matter is placed before the Academic Council for approval.

Resolution

RESOLVED TO APPROVE the Curriculum and Syllabi of I to VI Semester of BBA.-(Hospitality Management) under Full-Time (Regulation 2022).

14. Department of Physics

B.Sc Physics

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7.	Dr.A.George	Member
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9.	Dr.P.Guru	Member
10.	Dr.V.Hamsadhwani	Member
11.	Dr.R.Jayanthi	Member
12.	Dr.N.Jayanthi	Member
13.	Dr.J.Jeyachidra	Member
14.	Mr.I.Karthic Subramaniayan	Member
15.	Dr.T.Kavitha	Member
16.	Dr.K.Kesavan	Member
17.	Dr.R.Krishnamurthi	Member
18.	Dr.S.P.Kulanthaivel Babu	Member

1

FHSM BA.-Tamil 40.5.15 TO CONSIDER AND APPROVE the Curriculum and Syllabi for General Tamil I & General Tamil II offered in Semester I & II and the Foundational Tamil I & Foundation Tamil II offered to U.G degree programmes (Regulation 2022).

Notes:

The Board of studies of the Department of Languages recommended the Curriculum and Syllabi for General Tamil I, General Tamil II, Foundational Tamil I & Foundational Tamil II to be offered for the first year U.G degree programmes (Excluding B.Tech, B.Sc B.Ed & B.Arch). Foundational Tamil I & Foundational Tamil II are offered, instead of General Tamil I & General Tamil II for the students who didn't choose Tamil as Part I in their Higher Secondary classes, from the academic year 2022-23 (Regulation 2022).

The matter is placed before the Academic Council for approval.

DEPARTMENT OF PHYSICS

FHSM B.Sc.- Physics 40.5.25 TO CONSIDER AND APPROVE the revised curriculum and syllabi for B.Sc.- Physics programme under Full Time (Regulation 2021, Revision 1).

Notes:

The Board of Studies of the Department of Physics recommended the change in Curriculum & Syllabi from I to VI Semesters for B.Sc.-Physics programme under Full Time (Regulation 2021, Revision 1) to be offered from the academic year 2022-23.

The matter is placed before the Academic Council for Approval.

Resolution

RESOLVED TO APPROVE the revised curriculum and syllabi for B.Sc.-Physics programme under Full Time (Regulation 2021, Revision 1).

15. Department of Political Science

M.A. Political Science

Periyar Nagar, Vallam, Thanjavur - 613 403, Tamil Nadu, India
Phone: +91 - 4362 – 264600   Fax: +91- 4362 - 264660
Email: registrar@pmu.edu   Web: www.pmu.edu

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9.	Dr.P.Guru	Member
10.	Dr.V.Hamsadhwani	Member
11.	Dr.R.Jayanthi	Member
12.	Dr.N.Jayanthi	Member
13.	Dr.J.Jeyachidra	Member
14.	Mr.I.Karthic Subramaniayan	Member
15.	Dr.T.Kavitha	Member
16.	Dr.K.Kesavan	Member
17.	Dr.R.Krishnamurthi	Member
18.	Dr.S.P.Kulanthaivel Babu	Member

1

TO CONSIDER AND APPROVE the Curriculum and Syllabi for M.A.-Political Science from I to IV Semester under Full-Time programme (Regulation 2021, Revision 1).

Notes:

The Board of studies of the Department of Political Science recommended the Curriculum and Syllabi for M.A.-Political Science offered from the academic year 2022-23 (Regulation 2021, Revision-I) and also recommended the following Core courses & Elective courses.

Sl.No	Core courses	Offered in Semester
1	Introduction to Political Science	I
2	Constitution of India	I
3	Principles of Public Administration	II
4	Political Ideology	III
5	Issues in Indian Politics	III
6	Comparative Politics	IV
7	International Politics and Foreign Policy	IV

Sl. No	Elective courses	Offered in Semester
1	a) Political Sociology b) Political Economy c) Legislative Procedures d) Constitutional Development in India Since 18th Century	I
2	a) Gender Issues and Development b) Public Policy Analysis c) Development Administration	II
3	a) Human Rights –Concepts and Principles b) Comparative Public Administration c) Financial Administration	III

The matter is placed before the Academic Council for approval.

Resolution

RESOLVED TO APPROVE the Curriculum and Syllabi for M.A.-Political Science programme from I to IV Semester under Full-Time (Regulation 2021, Revision 1).

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TO CONSIDER AND APPROVE the revised syllabus and interchange in the offering semester of Core Courses for M.A.-Political Science programme.

Notes:

The Board of Studies of the Department of Political Science recommended the interchanging of the Core courses offered semesters in the Curriculum for M.A.-Political Science from the Academic Year 2022-23 (Regulation 2021, Revision-I).

SI.No	Courses	Offered In Semester	Proposed to be offered in Semester
1	Local Government in India	III	I
2	Modern Political Analysis	I	III
3	Administrative Theory	IV	II
4	Indian Administration	I	IV

The matter is placed before the Academic Council for approval.

Resolution

RESOLVED TO APPROVE the revised syllabus and interchange in the offering semesters of Core courses for M.A.-Political Science programme under Full-Time.

TO CONSIDER AND APPROVE the changing and combining of the Core courses for the M.A.-Political Science programme.

Notes:

The Board of Studies of the Department of Political Science recommended to change the title of the paper " Western Political Thought II " as " Western Political Thought " and also combined " Indian Political Thought I and Indian Political Thought II " as one paper to be offered in the I semester as "Indian Political Thought " in the Curriculum and Syllabi of M.A.-Political Science (Regulation 2021, Revision 1: full time).

SI. No	Present Title	Proposed Title
1	Western Political Thought II	Western Political Thought
2	Indian Political Thought I & Indian Political Thought II	Indian Political Thought

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The matter is placed before the Academic Council for approval.

Resolution

RESOLVED TO APPROVE the changing and combining of the Core courses for the M.A.-Political Science programme.