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 FORTY THIRD MEETING OF THE ACADEMIC COUNCIL

Date   : 14.10.2023   **Venue: Richard Dawkins Hall**

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

The Forty Third Meeting of the Academic Council of the Periyar Maniammai Institute of Science & Technology (PMIST), Vallam, Thanjavur was held on 14.10.2023 at 10.30 a.m. in the Richard Dawkins Hall.

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

1.	Dr.D.Aarthi Saravanan	Member
2.	Dr.A.Anand Jerard Sebastine	Member
3.	Dr.C.Anusuya @ Priya	Member
4.	Dr.Appavu Alias Balamurugan	Member
5.	Dr.A.P.Aruna	Member
6.	Dr.P.Aruna	Member
7.	Dr.A.Ashok Kumar	Member
8.	Dr.S.Asokan	Member
9.	Dr.P.Balakumar	Member
10.	Dr.S.Buvaneswari	Member
11.	Dr.D.Christy Sujatha	Member
12.	Dr.P.Gayathri	Member
13.	Dr.K.Geetha	Member
14.	Dr.P.Guru	Member
15.	Dr.V.Hamsadhwani	Member
16.	Ar.K.Jasmine Vidhya	Member
17.	Dr.R.Jayanthi	Member
18.	Dr.N.Jayanthi	Member
19.	Dr.J.Jeyachidra	Member

20.	Dr.D.Jeyasimman	Member
21.	Mr.I.Karthic Subramaniayan	Member
22.	Dr.K.Kathiravan	Member
23.	Dr.V.S.Kavitha	Member
24.	Mr.D.Keerthivasan	Member
25.	Dr.S.P.Kulandaivel Babu	Member
26.	Dr.D.Kumar	Member
27.	Dr.S.Kumaran	Member
28.	Dr.G.Lakshmi Sutha	External Member
29.	Dr.Latha Tamilselvan	External Member
30.	Dr.D.Maghesh Kumar	Member
31.	Dr.B.Mahendra Mohan	Member
32.	Dr.S.Manjula	Member
33.	Dr.Nam.Srinivasan	Member
34.	Dr.C.Narmadha	Member
35.	Dr.T.Narmadha	Member
36.	Dr.A.E.Naryanan	Member
37.	Dr.S.Parameswaran	Member
38.	Dr.R.Poonguzhali	Member
39.	Mr.A.Pugazhenthi	Member
40.	Dr.C.Rajanandhini	Member
41.	Dr.KVR.Rajandran	Member
42.	Mr.R.Rakesh	Member
43.	Dr.D.Ramesh	Member
44.	Ar.N.Ramesh Babu	Member
45.	Dr.D.Ruby	Member
46.	Dr.V.Saranya	Member
47.	Dr.J.Sathyapriya	Member
48.	Dr.K.Selvakumar	Member
49.	Dr.K.Selvam	Member
50.	Dr.V.A.Shamugavelu	Member

51.	Dr.M.A.Sikandar	External Member
52.	Dr.V.P.Sriram	External Member
53.	Dr.V.Srithar	Member
54.	Dr.C.V.Subramanian	Member
55.	Dr.S.Sundaranayagi	Member
56.	Dr.D.Thaiyalnayaki	Member
57.	Dr.G.Thamilvanan	Member
58.	Dr.D.Umamaheswari	Member
59.	Dr.AR.Umayal Sundari	Member
60.	Dr.P.Vijayalakshmi	Member
61.	Dr.C.Vimala	Member
62.	Dr.V.Violet Juli	Member

ADDRESS BY THE VICE-CHANCELLOR

Hon'ble Chair Person welcomed all the Internal & External Members of the Academic Council. He conveyed his greetings and best wished to the new members of the Academic Council. He presented all the academic activities held in the campus for the past three months.

1. **BUSINESS BROUGHT FORWARD BY THE VICE-CHANCELLOR**

VC 43.1.1 TO INFORM AND WELCOME the reconstituted members of the Academic Council of Periyar Maniammai Institute of Science & Technology (PMIST).

Notes:

As per 8 (a) of the constitution of this Institution, and UGC Regulations 2023 (Institutions Deemed to be Universities), the Academic Council of Periyar Maniammai Institute of Science & Technology (PMIST) has been reconstituted and the tenure of the Academic Council Members shall be 2 years.

List of Members of the Academic Council

Sl.No	Name of Faculty	Designation
(I)	**Vice-Chancellor**	
1	Dr.S.Velusami	Vice-Chancellor / Chairperson
(III)	Deans of faculties of the schools and heads of the departments or centres;	

DEANS OF FACULTIES

Sl.No	Name of Faculty	Designation
1	Dr.V.Violet Juli	Dean / Academic (Curriculum Development)
2	Dr.J.Jeyachidra	Dean / Academic (Teaching Learning & Evaluation)
3	Dr.V.S.Kavitha	Dean /Faculty of Architecture and Planning (FAP)
4	Dr.R.Kathiravan	Dean / Faculty of Engineering and Technology (FET)
5	Dr.M.Sharmila Begam	Dean / Faculty of Computing Sciences and Engineering (FCSE)
6	Dr.P.Vijiayalakshmi	Dean i/c / Faculty of Humanities, Sciences and Management (FHSM)

Sl.No	Name of Faculty	Designation
HEADS OF DEPARTMENTS		
1	Ar.K.Jasmine Vidhya	Architecture
2	Mr.I.Karthic Subramaniayan	Aerospace Engineering
3	Dr.K.Geetha	Bio-Technology
4	Dr.D.Thayalnayaki	Civil Engineering
5	Dr.S.Poonguzhali	Computer Science and Engineering
6	Dr.C.Narmadha	Electronics and Communication Engineering
7	Dr.V.Hamsadhwani	Electrical and Electronics Engineering
8	Mr.A.Pugazhenthi	Mechanical Engineering
9	Dr.D.Maghesh Kumar	Software Engineering
10	Dr.S.Sundaranayagi	Chemistry
11	Dr.P.Gayathri	Physics
12	Dr.V.Saranya	English
13	Dr.S.Buvaneswari	Mathematics
14	Dr.D.Ruby	Computer Science & Applications
15	Dr.B.Mahendran Mohan	Management Studies
16	Dr.G.Tamilvanan	Education
17	Dr.N.Jayanthi	Commerce
18	Dr.Aarthi Saravanan	Political Science
19	Dr.S.Parameswaran	Social Work

Sl.No	Name of Faculty	Designation
DIRECTORS OF CENTRES		
1	Dr.R.Jayanthi	Director i/c / Internal Quality Assurance Cell (IQAC)
2	Dr.C.V.Subramanian	Director / Centre for Students and Administrative Services (CSAS)
3	Dr.D.Jeyasimman	Director / Academic Research
4	Dr.S.Senthamilkumar	Director / PECS & Infrastructure
5	Dr.D.Umamaheswari	Director / Educational Organizations Management System (EOMS)

6	Dr.P.Guru	Director i/c / Centre for Institution Industry Interaction (CIII) - Placements
7	Dr.K.Selvam	Director i/c / Centre for Institution Industry Interaction (CIII) - Training
8	Dr.C.Rajanandhini	Director i/c / Centre of Excellence for Next Generation Networks (CNGN)
9	Dr.K.Selvakumar	Director / Dr.Kalaignar M.Karunanidhi Centre for Political Science (KKCPS)
10	Dr.A.Ashokkumar	Director i/c / Veeramani Mohana Centre for Quality of Life Engineering Research (VMCQLER)
11	Mr.R.Rakesh	Director i/c / Centre of Excellence for Training and Research in Automation Technologies (CETAT)

Sl.No	Name of Faculty	Designation
12	Dr.A.Anand Jerard Sebastine	Director / Periyar PURA Centre for Rural Development (PPCRD)
13	Dr.Nam Srinivasan	Director / Centre of Excellence for Periyar Thought (CEPT)
14	Mr.D.Keerthivasan	Director i/c / Centre for Energy & Environment (CEE)
15	Dr.J.Sathyapriya	Director i/c / Centre for Human Resource Development (CHRD)
16	Dr.T.Narmadha	Director i/c / Library
17	Dr.P.Aruna	Director i/c /E-Governance
18	Dr.D.Ramesh	Director i/c / Physical Education
19	Dr.A.P.Aruna	Chief Executive Officer / Periyar Technology Business Incubator (PTBI)
20	Dr.S.Asokan	Controller of Examinations (COE)

(IV)   Up to ten Professors (excluding those who are Deans of schools and heads of departments or centres) by rotation, to be nominated by the Vice-Chancellor giving due regard to the representation of different schools or departments or centres;

Sl.No	Name of Faculty	Designation
1	Dr.S.Kumaran	Professor / Biotech
2	Dr.P.Balakumar	Professor / Biotech
3	Dr.S.Appavu Alias Balamurugan	Professor / CSE
4	Dr.S.P.Kulanthaivel Babu	Professor / ECE
5	Dr.KVR.Rajandran	Professor / Management Studies
6	Dr.D.Kumar	Professor / Physics

(V)   Up to five Associate Professors from departments or centres other than the   heads   of the departments or centres, by rotation, to be appointed by the Vice-Chancellor.

Sl.No	Name of Faculty	Designation
1	Ar.N.Ramesh Babu	Associate Prof / Arch
2	Dr.V.A.Shanmugavelu	Associate Prof / Civil
3	Dr.A.E.Narayanan	Associate Prof / CSE
4	Dr.C.Vimala	Associate Prof / Mathematics
5	Dr.AR.Umayal Sundari	Associate Prof / Physics

(VI) Up to five Assistant Professors from the departments or centres other than the   heads   of the departments or centres, by rotation, to be appointed by the Vice-Chancellor;

Sl.No	Name of Faculty	Designation
1	Dr.S.Manjula	Assistant Prof / CSE
2	Dr.J.Kesavan	Assistant Prof (SG)/ Mechanical Engg.
3	Dr.V.Srithar	Assistant Prof (SG)/ CSA
4	Dr.D.Christy Sujatha	Assistant Prof (SG) / Software Engg
5	Dr.C.Anusuya (@) Priya	Assistant Prof (SS) / Education

(VII) Six persons of repute from amongst the educationists or experts for their specialised knowledge, who are not in the service of the Institution Deemed to be University, nominated by the Vice Chancellor;

Sl.No	Name of Faculty	Designation
1	Dr.G.Subbaiyan	Professor/Dean (Institutional Development & Alumni Relations) Department of Architecture National Institute of Technology Trichy – 620 015 Phone : 9842481311 Email : subbaiah@nitt.edu
2	Dr.M.A. Sikandar	Registrar Jamia Hamdard (Deemed to be University) Hamdard Nagar, New Delhi – 110 062. Mobile No. 9818798949 E-Mail id :sika1969@gmail.com
3	Dr.V.Sangeetha	Professor & Head Department of English Periyar University, Salem – 636 011. Mobile No: 9443146360 E-Mail id: sk19@periyaruniversity.ac.in
4	Dr. G Lakshmi Sutha	Associate Dean (Academic) Associate Professor Department of ECE National Institute of Technology Puducherry,(Under Ministry of Education, Govt. of India) Karaikal – 609609 Mobile No.9751953651 E-mail Id: lakshmi@nitpy.ac.in, lakshmi.sutha1@gmail.com
5	Dr. V.P. Sriraman	Associate Professor Bharathidasan Institute of Management (BIM) Trichy – 620 014 Mobile No.9443318299 Email Id: sri@bim.edu
6	Dr.Latha Tamilselvan	Director (Management Information Systems) Professor, Department of Information Technology B.S.Abdur Rahman Crescent Institute of Science & Technology, GST Road, Vandalur,Chennai – 600 048. Mobile No. 9444408495 E-mail Id: director.mis@crescent.education lathatamilselvan@bsauniv.in

(VIII) The Registrar, who shall be the Secretary of the Academic Council

Sl.No	Name of Faculty	Designation
1	Dr.P.K.Srividhya	Registrar

The above information is placed before the Academic council for information and record.

Resolution

RESOLVED TO TAKE INTO RECORD the reconstituted members of the Academic Council of Periyar Maniammai Institute of Science & Technology (PMIST).

VC 43.1.2   **TO CONSIDER AND APPROVE** the confirmation of the minutes of the 42nd Academic Council Meeting held on 08.07.2023.

Notes:

The Minutes of the 42nd Academic Council Meeting held on 08.07.2023 was communicated to all members. The same was placed before the Board of Management Meeting held on 01.08.2023 and got approved; no dissent / corrections have been received from the members.

The matter is placed before the Academic Council for approval.

Resolution

RESOLVED TO APPROVE the confirmation of the minutes of the 42nd Academic Council Meeting held on 08.07.2023.

VC 43.1.3   **TO CONSIDER AND RATIFY** the course work subjects and syllabi offered for the Research scholars from the academic year 2022-23 under Regulations 2023.

Notes:

The Doctoral Committee of the following departments have discussed and recommended the following course work subjects and syllabi for the Research Scholars. The list is given below;

Sl. No	Department	Sub. Code	Subject Title	L	T	P	C
1.	Mathematics	RMA025	Algebraic Topology	3	0	0	3
2.	Mathematics	RMA026	Functional Analysis	3	0	0	3
3.	Mathematics	RMA027	Fuzzy Sets	3	0	0	3
4.	Mathematics	RMA030	Fuzzy n-Normed Linear Spaces	3	1	0	4
5.	Mathematics	RMA031	Advanced Graph Theory - I	3	1	0	4
6.	Mathematics	RMA032	Advanced Graph Theory - II	3	1	0	4
7.	Computer Science and Applications	RCA041	Healthcare Analytics	3	0	0	3
8.	Civil Engineering	RCE062	Seismic Analyses and Design	3	0	0	3
9.	Civil Engineering	RCE063	Finite Elements Methods	3	0	0	3
10.	Civil Engineering	RCE064	Concrete Technology and Special Concretes	3	0	0	3
11.	Civil Engineering	RCE065	Design of Advance Concrete Structures	3	0	0	3

The matter is placed before the Academic Council for ratification.

External Member Dr. Latha Tamilselvan suggested to include course outcome for all the courses since they may also be studied as elective courses by the PG students. She also suggested to re-visit the text books prescribed for the course work papers.

Resolution

RESOLVED TO RATIFY the course work subjects and syllabi offered for the Research scholars from the academic year 2022-23 under Regulations 2023.

VC 43.1.4   **TO CONSIDER AND RATIFY** the draft copies of the Regulations for Various programmes which have been offered in the academic year 2023-24.

Notes:

The draft regulations contains all academic information related to the various programmes and important information such as Admission and Eligibility, Duration of the course, Medium of instruction, Curriculum and Credit system, Programme structure, Attendance requirements, In plant training, Internship, projects, Student counseling, Examination and Assessment, Awarding of grades, Calculation of grade points, Supplementary Examinations, Rules for withdrawal from course, Rules for changing branches, Revaluation, Eligibility for the Degree and classification, Eligibility for the degree, classification of classes and Provisions for fast learners.

List of programme regulations:

UG Programmes	PG Pgrammes
B.Arch	M.Arch
B.Tech & B.Tech (Hons)	M.Tech
B.C.A	M.C.A
B.Sc	M.Sc
B.Com	M.Com
B.B.A	M.B.A
B.A	M.A
B.Sc.B.Ed	M.S.W
B.Ed	

The matter is placed before the Academic Council for ratification.

Resolution

RESOLVED TO RATIFY the draft copies of the Regulations for Various programmes which have been offered in the academic year 2023-24.

2. BUSINESS BROUGHT FORWARD BY DEAN ACADEMIC (Teaching, Learning and Evaluation)

DEAN ACADEMIC (TLE) 43.2.1

TO CONSIDER AND APPROVE the decrease in intake from 60 to 30 for B.Com (Corporate Secretaryship) in the academic year 2023-24 onwards.

Notes:

Based on the number of applications received and enquires for the B.Com (Corporate Secretaryship) programme, it is proposed to decrease the number of intake for B.Com (Corporate Secretaryship) programme from 60 to 30 in the academic year 2023-24 onwards.

The matter is placed before the Academic Council for approval.

Resolution

RESOLVED TO APPROVE the decrease in intake from 60 to 30 for B.Com (Corporate Secretaryship) in the academic year 2023-24 onwards.

DEAN ACADEMIC (TLE) 43.2.2	**TO CONSIDER AND APPROVE** the increase in intake from 60 to 90 for B.Com (Computer Applications) in the academic year 2023-24 onwards.

Notes:

Based on the number of applications received and enquires for the B.Com (Computer Applications) programme, it is proposed to increase the number of intake for B.Com(Computer Applications) programme from 60 to 90 for the academic year 2023-24 onwards.

The matter is placed before the Academic Council for approval.

Resolution

RESOLVED TO APPROVE the increase in intake from 60 to 90 for B.Com (Computer Applications) in the academic year 2023-24 onwards.

DEAN ACADEMIC (TLE) 43.2.3	**TO CONSIDER AND APPROVE** the Moderation Board / Result Passing Board which has been reconstituted in the academic year 2023-24 onwards.

Notes:

The result passing board has been reconstituted and the details are provided in the table below.

Sl.No.	Name	Designation	Portfolio
1.	Dr. Jeyachidra J	Dean (Academic) / TLE	Chairperson
2.	Dr. Violet Juli V	Dean (Academic) / CD	Member
3.	Dr. Kathiravan R	Dean (FET)	Member
4.	Dr. Vijayalakshmi P	Dean i/c (FHSM)	Member
5.	Dr. Sharmila Begum M	Dean i/c (FCSE)	Member
6.	Ar. Kavitha V S	Dean i/c (FAP)	Member
7.	Dr. Asokan S	COE	Member Secretary

The matter is placed before the Academic Council for approval.

Resolution

RESOLVED TO APPROVE the Moderation Board / Result Passing Board which has been reconstituted in the academic year 2023-24 onwards.

3. BUSINESS BROUGHT FORWARD BY DEAN FACULTY OF COMPUTING SCIENCES & ENGINEERING (FCSE)

FCSE B.Tech.-CSE (CS) 43.3.1

TO CONSIDER AND APPROVE the revised Curriculum for the II Semester of B.Tech.-Computer Science and Engineering (Cyber Security) programme under Full-Time (Regulation 2023).

Notes:

The Board of Studies of the Department of Computer Science and Engineering has recommended the revised Curriculum for the II Semester of B.Tech.-Computer Science and Engineering (Cyber Security) programme under Full-Time (Regulation 2023).

The matter is placed before the Academic Council for approval.

Resolution

RESOLVED TO APPROVE the revised Curriculum for the II Semester of B.Tech.-Computer Science and Engineering (Cyber Security) programme under Full-Time (Regulation 2023).

FCSE B.Tech.-CSE (AI &ML) 43.3.2

TO CONSIDER AND APPROVE the revised Curriculum for the II Semester of B.Tech.-Computer Science and Engineering (Artificial Intelligence And Machine Learning) programme under Full-Time (Regulation 2023).

Notes:

The Board of Studies of the Department of Computer Science and Engineering has recommended the revised Curriculum for the II Semester of B.Tech.-Computer Science and Engineering (Artificial Intelligence And Machine Learning) programme under Full-Time (Regulation 2023).

The matter is placed before the Academic Council for approval.

External member Dr. Lakhsmi Sudha and Dr. Latha Thamilselvam enquired about the necessity of the changes carried out in the curriculum of B Tech CSE(AI & ML) and B Tech CSE (Data Science). Dr.Kathiravan, Dean Faculty of Engineering & Technology explained that the changes in the curriculum are performed for smoother horizontal movement of students between branches of engineering and technology after 1ˢᵗ year. The courses XBE202 Electrical, Electronics Engineering Systems and XEG 206 Engineering Graphics and Design and XBE Electrical and Electronics Engineering Systems laboratory (total of 9 credits) are introduced in the second semester. The courses in that position are taken to higher semesters.

Dr. G. Lakshmi Sutha also enquired whether there is any prerequisite needed for learning AI & ML. Dean FET replied that there is no prerequisite needed.

Resolution

RESOLVED TO APPROVE the revised Curriculum for the II Semester of B.Tech.-Computer Science and Engineering (Artificial Intelligence And Machine Learning) programme under Full-Time (Regulation 2023).

4. BUSINESS BROUGHT FORWARD BY DIRECTOR ACADEMIC RESEARCH

RESEARCH 43.4.1   **TO INFORM AND RECORD** the list of research scholars who have completed their Public *Viva voce*.

Notes:

Three (3) Research scholars who have completed their Public *Viva voce* between the period July 2023 and September 2023 are listed below.

Sl.No	Name of the candidate / Reg. No	Department	Date of Public *Viva voce*	Thesis Title
1	Ms.S.Manjula CSE 213011854021	CSE	09.08.2023	Deep Learning Models to Identify the Abnormal Activities in Surveillance Videos in Academic Zone

Sl.No	Name of the candidate / Reg. No	Department	Date of Public *Viva voce*	Thesis Title
2	Mr.P.Ilangovan 215012854027	CSE	28.08.2023	Development of an Online Monitoring Device and Performance Evaluation of Biogas Plants using an Enhanced Methane Prediction Algorithm (EMPA)
3	Ms.Veeramanipriya 116011763002	Physics	29.08.2023	Design, Development and Performance Evaluation of Hybrid Photovoltaic Thermal(PVT) Solar Dryer aided with Evacuated Tube Collector (ETC) for Drying of Agricultural Crops

The matter is placed before the Academic Council for information and record.

Resolution

RESOLVED TO TAKE INTO RECORD the list of research scholars who have completed their Public *Viva voce*.

RESEARCH 43.4.2
TO INFORM AND RECORD the List of Ph.D thesis submitted

Notes:

One (1) Research scholar has submitted his Ph.D thesis

Sl.No	Name / Department / Reg.No.	Date of Submission	Title of the Thesis
1	Mr.D.Selvabharathi EEE 217012857013	9.9.2023	Battery Health and Performance Monitoring System

The matter is placed before the Academic Council for information and record.

Resolution

RESOLVED TO TAKE INTO RECORD the List of Ph.D thesis submitted.

RESEARCH
43.4.3

TO INFORM AND RECORD the extension time granted to research scholars.

Notes:

Based on Research Advisory Committee recommendations, six registered research scholars have been granted extension of time up to one year.

Sl. No	Name / Register No	Name of the Research Supervisor	Department	Duration of extension	Date of completion of research programme	Extension up to
1	Ms.K.Gayathri / 213011861010 (Part-Time)	Dr.A.Sasikala	Mathematics	One year	30.09.2023	30.09.2024
2	Mr.S.Arumugam / 216012866009 (Part-Time)	Dr.N.Lenin	Political Science	One year	10.09.2023	10.09.2024
3	Mr. M. Subbarayan / 216012866012 (Part-Time)	Dr.N.Lenin	Political Science	One year	10.09.2023	10.09.2024
4	Mr.M.Muralidharan / 115012755006 (Full-Time)	Dr.J.Jeyachidra	Computer Science and Applications	One year	30.04.2023	30.04.2024
5	Mr. P. Sundaramoorthi / 212012857005 (Part-Time)	Dr. Saravana Venkatesh	EEE	One and half year	18.09.2022	19.03.2024
6	Mr.B.Mathivanan / 217012866014 (Part-Time)	Dr.D.Aarthi Saravanan	Political Science	One year	07.09.2023	07.09.2024

The matter is placed before the Academic Council for information and record.

Dr. G. Lakshmi Sutha asked about the time period given for the research scholars. The Dr.D.Jeyasimman, Director Academic Research replied that maximum duration six years were exhausted by research scholar and now they have been given an extension period of one more year.

Resolution

RESOLVED TO TAKE INTO RECORD the extension time is granted to research scholars.

RESEARCH 43.4.4	**TO INFORM AND RECORD** the research articles reflected in Scopus database.

Notes:

January to September 2023: 74
January to December 2022: 53
January to December 2021: 34

The matter is placed before the Academic Council for information and record.

External Member Dr. V.P.Sriraman asked whether the faculty publishing papers are recognized. Director Academic Research replied that the faculty members are appreciated with certificates and special research incentives during the monthly staff club meeting.

Resolution

RESOLVED TO TAKE INTO RECORD the research articles reflected in Scopus database.

RESEARCH 43.4.5	**TO INFORM AND RECORD** the Memorandum of Understanding (MoU) with Industries and Institutions.

Sl. No	Name of the Industry and Institution	Objectives / Scope / Major activities	MoU Date	Validity
1.	VOICE Trust, Thiruchirappalli Tamilnadu	• Resource persons and trainers to share their expertise and knowledge with the students and faculty • Government & Non-government activities to Periyar PURA villages • Students and Teachers exchange programme. • Social relevant activities	27.7.2023	3 Years

Sl. No	Name of the Industry and Institution	Objectives / Scope / Major activities	MoU Date	Validity
2.	Excel College of Pharmacy, Pallakkapalayam, Sankiri West – 637 303, Komarapalayam, Namakkal Dist., Tamil Nadu.	• Share knowledge in specific areas of academics and research. • Explore ways to improve undergraduate and postgraduate research and provide associated training. • Organize workshops, seminars, lectures, symposiums and other scientific events on the relevant subjects of research interest such as basic concepts of research, scientific writing, biostatistics and scientific publishing. • Explore the possibilities of developing joint research activities. • Organize Faculty Development Program for the mutual benefits of faculty members. Facilitate research exchange events/training programme to which both parties agree.	9.8.2023	2 Years
3.	Singapore South ASIA Chamber of Commerce and Industry (SSACCI) 105 Ceil Street, #11-00 The Octagon, Singapore 069534	• Sponsoring student projects / internships • Involving PMIST faculty in various activities officially conducted by SSACCI in India. • Appointment of SSACCI member as Adjunct Professor for sharing best practices from • Singapore with PMIST students and faculties	17.8.2023	3 Years

Sl. No	Name of the Industry and Institution	Objectives / Scope / Major activities	MoU Date	Validity
4	Nirmala College of Health Science, Chalakudy, Kerala	• Share knowledge in specific areas of academics and research. • Explore ways to improve undergraduate and postgraduate research and provide associated training. • Organize workshops, seminars, lectures, symposiums and other scientific events on the relevant subjects of research interest such as basic concepts of research, scientific writing, biostatistics and scientific publishing. • Explore the possibilities of developing joint research activities. • Organize Faculty Development Program for the mutual benefits of faculty members. • Facilitate research exchange events/training programme to which both parties agree.	28.08.2023	2 years

The matter is placed before the Academic Council for information and record.

Resolution

RESOLVED TO TAKE INTO RECORD the Memorandum of Understanding (MoU) with Industries and Institutions.

RESEARCH   TO INFORM AND RECORD the Patents: Filed / Awarded / Granted.
   43.4.6

Sl. No.	Name(s) of the innovators	Patent Number / Design Applications	Title of the IPR	Remarks
1	Mr. RK. Muthuraman Aerospace Engineering	202341052667A	System and Method for AI Based Predictive Maintenance Module For Gas Turbine Engine	File date 04.08.2023 Publication: 01.09.2023
2	Ms.T. Guru Priya ECE	202341042489 A	Harnessing AI and Data Mining for a Robust E-commerce Fraud Detection Model	File date 24/06/2023 Publication: 01/09/2023
3	Ms.S.Asha ECE	202341042488 A	Implementation of Machine Learning (ML) based Approaches for Predictive Analysis of Biodiversity Dynamics in IOT Based Environmental Monitoring Systems	File date 24/06/2023 Publication: 01/09/2023
4	Dr. D.Thaiyalnayaki Dr. J.Santhosh Dr. B.Anupriya Dr. V.A. Shanmugavelu Dr. A.Tamilmani Ms. S.J.Princess Rosaline Ms. P.Latha Ms. N.Dhivyasri Mr. D.Keerthivasan Department of Civil Engineering	202341042033 A	Smart Civil Engineering Solutions for Renewable Energy Management through AI and IoT Integration	File date 23/06/2023 Publication: 01/09/2023
5	Dr.R.Arumugam Mathematics	202341054350 A	Method for redundant transmission of data messages in communication Using machine learning	File date 12/08/2023 Publication: 01/09/2023

The matter is placed before the Academic Council for information and record.

Resolution

RESOLVED TO TAKE INTO RECORD the Patents: Filed / Awarded / Granted.

RESEARCH 43.4.7 **TO INFORM AND RECORD** the list of faculty members who have submitted research proposals to various funding agencies.

Sl. No.	Name of Applicant	Department	Title of Project / Scheme	Applied to	Budget proposed in Rs.	Date of applied
1.	Dr.S.Appavu alias Balamurugan Dr.M.Sharmila Begum Ms.S.P.Ramya	Computer Science and Engineering	Increasing Farmers Income through Millet Cultivation: A pathway to sustainable agricultural growth in the Delta Region of Tamilnadu.	ICSSR, New Delhi	16,98,090	21.07.2023
2.	Investigator Dr. R. Kathiravan, Prof & Dean FET Co - Investigator Dr. K. Geetha, Asst. Prof (SS) & Head	Aerospace Biotechnology	Design and fabrication of portable biogas digester for a nuclear family and investigation on augmentation of biogas yield from cow manure with iron oxide nanoparticle	TNSCST	4,83,000	07.08.2023
3.	Principal Investigator: Dr. K. Maruliya Begam , AP(SG) Co-investigator: Dr.V.Hamsadhwani Associate Professor & Head	EEE	Designing and Material characterization of high energy density batteries anode materials for sodium – ion batteries	TNSCST	4,99,200	15.08.2023
4.	Dr.S.Appavu alias Balamurugan Dr.R.Poonguzhali Dr.T.Kavitha	Computer Science and Engineering	Weather-Responsive Tomato Farming: Digital Sensor Solutions for Tamil Nadu Agriculture	TNSCST	4,90,000	15.08.2023
5.	Dr.J.D.Aarthi Dhakshana Mr.I.Rosanth Mr.S.Gopalakrishnan	Department of Management Studies	An Eye Opener: Bridging the Awareness Gap of Government Schemes among Women in SHGs Start-ups	TNSCST	4,50,000	15.08.2023
6.	Conveners: Dr. K. Maruliya Begam , AP(SG) Dr.V.Hamsadhwani Associate Professor & Head	EEE	International Conference – Advancements in high energy density battery technology for space applications	ISRO	2,92,000	26.08.2023

Sl. No.	Name of Applicant	Department	Title of Project / Scheme	Applied to	Budget proposed in Rs.	Date of applied
7	Chairman Dr. PK. Srividhya, Professor & Registrar Conveners: Dr. P. Balakumar, Professor & Director (RTP) Dr. K. Maruliya Begam , AP(SG) Dr. S. Kumaran, Professor & Director (IPR)	Mechanical Engineering EEE Biotechnology	Short Course – Deciphering the intricate process of research : potential ways to master your skills on research planning and scientific publishing	DRDO	2,77,500	28.08.2023
8	Principle Investigator Dr. K. Geetha, Asst. Prof (SS) & Head	Biotechnology	Nano-Herbo-Cure antimastitis cream for bovine mastitis	TNSCST	4,83,650	14.08.2023
9	Dr. K. Geetha, Asst. Prof (SS) & Head Mr. K. Pandian, Agri. Officer Dr. A. Ashokkumar, Associate prof., Dr. C. Arun, Asst. prof. (SG) Ms. Keerthana, Asst. prof	Biotechnology	CAT on Hands on training on promotion organic farming with biofertilizers, biopesticide and biofungicide for the farmers of Thanjavur district	NABARD	4,02,500	26.08.2023
10	Dr. C.Arun, Asst. Prof. (SG)	Biotechnology	Formulation and characterization of Nano Organic Solution using Fruit and Floral Waste Garbage Enzyme for Soilless Organic Farming	TNSCST	4,75,000	14.08.2023

The matter is placed before the Academic Council for information and record.

Resolution

RESOLVED TO TAKE INTO RECORD the list of faculty members who have submitted research proposals to various funding agencies.

RESEARCH 43.4.8 **TO INFORM AND RECORD** the 1st slot Ph.D Admission for the academic year 2023-24.

Notes:

The details of admissions made in the 1st slot Ph.D. Admission for the academic year 2023-24 have been furnished below.

Sl. No	Name of the Department	Received Applications	Appeared Entrance Exam	Selected	Admitted	Full Time	Part Time
1	Biotechnology	2	0	0	0	0	0
2	Chemistry	2	1	1	1	1	0
3	Civil Engineering	13	6	6	3	1	2
4	Computer Applications	6	3	3	3	0	3
5	EEE	4	3	3	0	0	0
6	ECE	3	1	1	1	0	1
7	English	3	0	0	0	0	0
8	Management Studies	8	4	2	2	0	2
9	Mathematics	6	4	4	3	2	1
10	Mechanical	6	2	2	1	0	1
11	Physics	3	1	1	0	0	0
12	Political Science	2	2	1	0	0	0
13	Social Work	1	0	0	0	0	0
14	Commerce	2	2	2	2	0	2
	Total	**61**	**29**	**26**	**16**	**4**	**12**

The matter is placed before the Academic Council for information and record.

Dr. V.P.Sriraman asked whether any stipend is provided to the full-time research scholars.

Respected Registrar replied that monthly stipend and scholarship is provided to selected full time research scholars.

Dr. Latha Tamilselvan asked about the selection process for providing stipend. The Registrar replied that research scholars have to appear for entrance test and personal interview. Based on the performance and personal interview the stipend and scholarship are provided.

Resolution

RESOLVED TO TAKE INTO RECORD the 1st slot Ph.D Admission for the academic year 2023-24.

RESEARCH 43.4.9 **TO INFORM AND RECORD** the nomination of Institution Innovation Council Innovation Ambassadors at Foundation Level

List of Nomination for Innovation Ambassador Training at Foundation Level

Notes:

Sl.No	Name of the Faculty	Department	Status
1.	Dr.A.Anand Jerard Sebastine	Social Work	In Progress
2.	Mr.S.Arunmurugan	ECE	In Progress
3.	Mr.S.Arumugam	CSA	In Progress
4.	Mr.I.Karthic Subramaniyan	Aerospace Engineering	In Progress
5.	Mr.R.Thiyagarajan	Mechanical Engineering	In Progress
6.	Dr.C.Arun	Biotechnology	In Progress
7.	Dr.D.Maghesh Kumar	Software Engineering	In Progress
8.	Dr,J.Santhosh	Civil Engineering	In Progress
9.	Dr.K.Maruliya Begam	EEE	In Progress
10.	Mr.V.Nagaraj	Aerospace Engineering	In Progress

The matter is placed before the Academic Council for information and record.

Resolution

RESOLVED TO TAKE INTO RECORD the nomination of Institution Innovation Council Innovation Ambassadors at Foundation Level.

5. **BUSINESS BROUGHT FORWARD BY DIRECTOR i/c CENTRE FOR INSTITUTE INDUSTRY INTERACTION (CIII)**

CIII 43.5.1 **TO CONSIDER AND RECORD** the activities of Centre for Institute Industry Interaction from July 2023 to September 2023.

Notes:

The Campus Placement drives for the Academic Year 2023-24 has been started from the month of August 2023.

Companies visited the Campus in August and September 2023

Sl. No	Name of the company	CTC	Department	No.of Students
1	Anicha Digital Infrastructure, Chennai	INR 3.6 LPA	MBA	38
2	ViS AI Lab, Chennai	INR 6LPA	B.Tech (CSE, ECE)	36
3	FundsRoom Pvt., Ltd, Pune	INR 3 LPA	BBA, B.Com, MBA,M.Com	70

4	Hexaware Technologies, Chennai	INR 4 LPA	B.Tech (CSE,ECE,& EEE)	73
5	Propel Technology Group, Chennai	INR 6.5 LPA	B.Tech (CSE,ECE, EEE), B.Sc(CS, BCA, MCA	220

In-Plant Training / Internship (Attended during June and July 2023)

- Architecture and Engineering branches 848 students
- Arts, Science, Education and Management branches 722 students

Company / Organization

- TICEL Bio Park Ltd., Chennai
- TechVolt Software, Pvt., Ltd., Coimbatore
- KaaShiv Info Tech, Chennai
- APPIN Technology, Coimbatore
- Tamil Nadu Test House Pvt., Ltd., Chennai
- Amara Raja Batteries Limited, Hyderabad
- Jet Aerospace Aviation Research Centre, Palakkad
- ISRO, Hyderabad. ProCandour Automotive systems, Pvt., Ltd., Chennai
- MAS Solar Systems Pvt., Ltd., Coimbatore
- L&T Technology Services, Bengaluru, Salcit Technologies Pvt., Ltd., Hyderabad etc.,

The matter is placed before the Academic Council for information and record.

Resolution

RESOLVED TO TAKE INTO RECORD the activities of Centre for Institute Industry Interaction from July 2023 to September 2023.

6. ANY OTHER POINTS - WITH THE PERMISSION OF THE CHAIR.

❖ **External Member Dr. M.A.Sikandar appreciated the improvements in research and development activities of the institution. He also suggested that rather teaching, all the faculty members should also concentrate more towards joint research and publications.**

❖ **Dr. Latha Tamilselvan enquired about the number of students taking NPTEL courses. Dean Academic (TLE) replied that most of the advanced learners are taking the courses and about 2600 students have registered for uLektz courses conducted through online.**

❖ **Dr. Latha Tamilselvan also asked about the credit transfer for NPTEL courses. COE replied that credit transfer is made for successfully completed courses. If there is any failure, separate exam will be conducted by the Institution.**

❖ **Dr. S. Asokan, Controller of Examination appreciated Dr.P.Balakumar for being featured among the World Top 2% scientists for the 4th consecutive year (2020,2021,2022 &2023) published by Stanford University, USA.**

❖ **Hon'ble Chairman thanked all the external members for their active participation and suggestions.**

❖ **Dr. P.K.Srividhya, Registrar thanked everyone for their valuable presence and fruitful interaction during the meeting.**

REGISTRAR
Secretary, Academic Council