

Dr. MAHALINGAM



COLLEGE OF ENGINEERING AND TECHNOLOGY
Enlightening Technical Minds

Innovate
Research
Collaborate
Transform

*Ideas for a Better
Tomorrow*

R&I NEWSLETTER

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Office of Dean Research & Innovation

2025 - 26

DEC 2025 - FEB 2026

*Nurturing
Technical Minds
for a Brighter
Tomorrow*



RESEARCH
EXCELLENCE



INNOVATION
ECOSYSTEM



INDUSTRY
COLLABORATION



SOCIETAL
IMPACT



*From
Knowledge
to Impact*

Editors:

Dr.S.Ramakrishnan, Dean, R&I

Dr.B.Bala Vijaya Priya, AP(SS), S&H



Office of Dean Research & Innovation

Vision

To become a globally recognized hub of pioneering research and innovation, driving transformative advancements in engineering and technology for the betterment of society.



Mission

1. Foster research excellence and innovation, by identifying potential IPR, offering financial support for filing, facilitating revenue sharing from consultancy collaborations, and rewarding faculty through fair incentives.
2. Strengthen research interest groups, empower the student research council, and publish the R&I newsletter to promote and celebrate achievements in the domain of research and innovation.
3. Disseminate knowledge through the publication of research, knowledge-sharing sessions, seminars, faculty development programs, workshops, inter and intra-college technical symposiums, conferences, and open-house exhibitions.
4. Offer state-of-the-art research facilities and resources to facilitate interdisciplinary research projects, secure research funding, conduct research with industry partners, and carry out Ph.D. works.
5. Review Ph.D. scholars' progress, department R&I activities, ongoing externally funded projects, in-house R&D projects, and institute innovation council.



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1. Strategic Discussion Meetings for Enhancing Research Activities:

1.1. From the Desk: Insights & Interactions (Monthly Report) – DEC 2025

1. Research Publications & Journal Initiatives

- ✓ Conducted periodic **R&I Coordinators' meetings** to review research progress, monitor targets, and strengthen departmental research activities.
- ✓ Implemented the **JP100 Initiative**, including publication target tracking, manuscript development support, internal peer review, and research facilitation mechanisms to enhance journal publication output.
- ✓ Finalized and reviewed publication-related documentation, including the **Indexed Journal100 Publication Form** and **Publication Monitoring System (MS) Form**.
- ✓ Reviewed and updated the **Research Points Framework** and **Student Project Monitoring Mechanism** to improve research outcome tracking and accountability.
- ✓ Conducted **RI Coordinators' task reviews**, consolidated task-tracking reports, and monitored progress to ensure timely achievement of research goals.
- ✓ Participated in a **Think Tank meeting** to discuss the implementation framework and strategic action plans for **PRO 600** and **JP100** research initiatives.

2. Patent & Intellectual Property Activities

- ✓ Organized and executed patent filing drive, facilitating the filing of over **60 patent applications**.
- ✓ Coordinated the dispatch of **108 patent applications** in multiple batches and maintained the necessary documentation.
- ✓ Reviewed and incorporated required corrections in **Form 2** to ensure compliance and accuracy in patent submissions.
- ✓ Completed the filing and processing of all pending **patent applications**.
- ✓ Finalized claims and documentation related to **IPR experts** for patent-related activities.

3. Ranking, Accreditation & Compliance (NIRF, AISHE, AICTE, Affiliation)

- ✓ Reviewed and validated institutional data related to **AISHE, NIRF, and AICTE Mandatory Disclosure** to ensure accuracy, consistency, and compliance with regulatory requirements.

1. Strategic Discussion Meetings for Enhancing Research Activities

1.1. From the Desk: Insights & Interactions (Monthly Report) – DEC 2025

4. Research Projects, Consultancy & Funding

- ✓ Coordinated the identification, pre-assignment, and follow-up of **Calls for Proposals (CFPs)** and disseminated relevant funding opportunities to faculty members to enhance research project submissions.
- ✓ Prepared and submitted an **ICSSR research project proposal** in accordance with the prescribed guidelines and requirements.
- ✓ Facilitated the formation of teams for **industry-funded sponsored research projects and consultancy activities**, assigning responsibilities to ensure effective execution.
- ✓ Conducted **Project Coordinators' meetings** to discuss roles, responsibilities, project monitoring mechanisms, and expected research outcomes.
- ✓ Coordinated the nomination and communication of departmental **Project Coordinators**, establishing a structured framework for project management and monitoring.

5. Product Development & Innovation

- ✓ Conducted **Product 360 review meetings** to monitor the progress of ongoing product development initiatives and evaluate milestone achievements.

6. Industry Collaboration & External Partnerships

- ✓ Coordinated follow-up activities related to the **Open Forge–MeitY initiative** and reviewed the progress of associated opportunities and engagements.
- ✓ Initiated discussions with industry partners, including **Capgemini and Circor**, to explore collaborative research opportunities, industry-sponsored projects, and the potential sponsorship of full-time Ph.D. scholars.

7. Research Administration & Scholar Monitoring

- ✓ Conducted review discussions with **Ph.D. scholars** to assess ongoing research activities, address challenges, and ensure timely progress toward research objectives.

1. Strategic Discussion Meetings for Enhancing Research Activities

1.1. From the Desk: Insights & Interactions (Monthly Report) – JAN 2026

1. Strategic Planning & Policy Development

- ✓ Reviewed, refined, and finalized **PRO 600, RI 1000, and COB-KRA (Faculty Appraisal Framework)** documents for implementation.
- ✓ Developed and finalized performance indicators, assessment criteria, appraisal formats, and evaluation mechanisms under the **COB-KRA Framework**.

2. NIRF, Rankings & Accreditation Activities

- ✓ Conducted multiple **NIRF Coordinators Meetings** to review data status, consistency, validation, proof collection, and pending action items.
- ✓ Initiated and completed final reviews of **NIRF 2026** data across various categories.
- ✓ Performed **NIRF score-related discussions, KPI identification**, and strategic planning for institutional rankings.
- ✓ Verified placement data and supporting documents for **NIRF submissions**.

3. Research Monitoring & Governance

- ✓ Conducted **R&I Coordinators', Full-time Scholars', and MRPC meetings** to review research progress, publications, projects, responsibilities, and deliverables.
- ✓ Reviewed **departmental R&I monitoring mechanisms** and meeting practices to strengthen research governance and outcomes.

4. Research Dashboard & Data Management

- ✓ Developed and finalized the **Monthly Research Dashboard Template**, MS Forms, data collection formats, and monitoring parameters.
- ✓ Consolidated monthly data collection templates, target matrices, and reporting formats.
- ✓ Established due-date tracking mechanisms for monitoring submissions and task completion.
- ✓ Assigned responsibilities for dashboard data collection, consolidation, and reporting.

1. Strategic Discussion Meetings for Enhancing Research Activities

1.1. From the Desk: Insights & Interactions (Monthly Report) – JAN 2026

5. Intellectual Property Rights (IPR) & Innovation Activities

- ✓ Reviewed and finalized the proposal, infrastructure, and implementation plan for the Dedicated **IPR Cell**, followed by its formal inauguration and operationalization.
- ✓ Conducted **IPR and Technology Transfer Team meetings** to review patent activities, innovation outcomes, commercialization opportunities, and technology transfer initiatives.

6. Research Projects, Funding & Capacity Building

- ✓ Discussed the **Cyber Physical Systems Proposal** and identified potential faculty applicants.
- ✓ Planned and scheduled **AI-Based Article Writing Workshops** for Ph.D. scholars.
- ✓ Reviewed opportunities for faculty participation in externally funded initiatives and research proposals.

7. Institutional Administration & Coordination

- ✓ Conducted meetings with the Principal, Secretary, HoDs, Administrative Team, Dr.Karunakaran (MCET Academic Advisor) and other stakeholders on institutional priorities and ongoing activities.
- ✓ Conducted **RIG SPoC meetings** and redistributed responsibilities based on institutional requirements.

8. Academic & Research Events

- ✓ Conducted discussions regarding the appointment and engagement of **Adjunct Research Faculty** to strengthen research and academic initiatives.

9. Performance Review & KPI Management

- ✓ Reviewed **Academic and Industry Relations** performance points.
- ✓ Conducted **KPI review meetings** with SRC Associate Dean.

1. Strategic Discussion Meetings for Enhancing Research Activities

1.1. From the Desk: Insights & Interactions (Monthly Report) – FEB 2026

1. Institutional Ranking, Research Monitoring & Strategic Review Activities

- ✓ Coordinated **NIRF ranking and data validation activities**, including DCS verification, document review, progress monitoring, and collaboration with IQAC and NIRF Coordinators to ensure accurate and timely ranking submissions.
- ✓ Conducted **MRPC Team meetings** to review research publications, funded projects, consultancy activities, assigned targets, research performance, and reporting requirements.
- ✓ Conducted **Think Tank Team meetings** to review strategic initiatives, policy implementation, institutional priorities, administrative recommendations, and organizational development plans.

2. Intellectual Property Rights (IPR) & Technology Transfer

- ✓ Conducted meetings with the **IPR Cell Team** to review patent filing activities, supporting documentation, IPR processes, and operational progress.
- ✓ Reviewed and consolidated **Technology Transfer (TT)** details, commercialization opportunities, and implementation strategies.
- ✓ Facilitated discussions on **Technology Transfer and IP100 initiatives**, focusing on innovation outcomes, patent commercialization, and technology transfer mechanisms.

3. Research Projects, Consultancy & Funding Initiatives

- ✓ Conducted discussions on **funded projects, consultancy activities, and funding opportunities** to enhance sponsored research and external funding.
- ✓ Reviewed and identified suitable **Calls for Proposals (CFPs)** and developed proposal preparation and submission strategies.
- ✓ Participated in discussions on **TNRPF-TIDCO initiatives**, focusing on research collaboration, innovation, and potential strategic partnerships.

4. Faculty Appraisal & Performance Management

- ✓ Conducted a comprehensive review of the **Faculty Appraisal System** and the implementation of the **COB-KRA Framework**.
- ✓ Verified and updated **PRO 600 data** and related performance-monitoring records.

5. Student Research, Innovation & Engagement Activities

- ✓ Conducted **SRO, IIC, and Association In-Charges Meetings** to review student activities, innovation initiatives, entrepreneurship programmes, and engagement plans.
- ✓ Reviewed **SRO Interim Guidelines** and finalized sensitization materials and awareness presentations.



1. Strategic Discussion Meetings for Enhancing Research Activities

1.2. Workshop on Creating Learner-Centred Classrooms: Be a Facilitator – 05&06 FEB 20206

An interactive workshop on "Be a Facilitator" was delivered by Dr. K. Karunakaran, Academic Advisor, Dr. MCET on 05& 06 FEB 2026 at New Seminar hall. The session focused on transforming teachers into effective facilitators through active learning, communication, collaboration, and student engagement.



Teaching Learning Centre (TLC)
organizes



**INSTITUTION'S
INNOVATION
COUNCIL**
(Ministry of Education Initiative)

WORKSHOP ON "BE A FACILITATOR"



Dr.K.Karunakaran

Academic Advisor, Dr.MCET

Former VC, Mohan Babu University,
Andhra Pradesh

 **05.02.2026 & 06.02.2026**

 **10.00 AM TO 1.00 PM**

 **New Seminar Hall**





Makkinampatti, Tamil Nadu, India
M23p+v96, Annamalai Nagar, Makkinampatti, Tamil Nadu
642003, India
Lat 10.654447° Long 77.035924°
Friday, 05/02/2026 10:13 AM GMT +05:30



Makkinampatti, Tamil Nadu, India
M23p+v96, Annamalai Nagar, Makkinampatti, Tamil Nadu
642003, India
Lat 10.654456° Long 77.035911°
Thursday, 05/02/2026 10:23 AM GMT +05:30

KEY HIGHLIGHTS


Understand the role
of a Facilitator


Enhance Communication
& Engagement


Encourage Active
Learning


Build a Positive
Learning Environment


Inspire, Guide
& Empower

CONTRIBUTING TO UN SDGs

4
QUALITY
EDUCATION

5
GENDER
EQUALITY

9
INDUSTRY, INNOVATION
AND INFRASTRUCTURE

Enlightening Technical Minds

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1. Strategic Discussion Meetings for Enhancing Research Activities

1.3. Faculty meeting on Research and Innovation: Advancing MCET's Research Ecosystem – 06 FEB 2026

FACULTY MEETING ON RESEARCH & INNOVATION: ADVANCING MCET'S RESEARCH ECOSYSTEM



Dr. P. GOVINDASAMY
Principal & Joint Secretary, Dr. MCET

Addressed the Gathering



06 FEBRUARY 2026

A meeting for all teaching faculty members was held on **06 February 2026** to introduce the latest developments and strategic initiatives aimed at strengthening the research ecosystem at Dr. Mahalingam College of Engineering and Technology (Dr. MCET).



The session focused on the significance of faculty participation in research, innovation, funded projects, consultancy, intellectual property creation, high-quality publications, and interdisciplinary collaborations. Faculty members were encouraged to actively contribute towards achieving the institution's research vision and enhancing national and international academic impact.



Dr. P. Govindasamy, Principal & Joint Secretary, Dr. MCET, addressed the gathering and emphasised the pivotal role of every faculty member in fostering a vibrant research culture.



1. Strategic Discussion Meetings for Enhancing Research Activities

1.4. SRO Framework Orientation and Review Meeting - 11 FEB 2026

STUDENT RESEARCH OUTCOMES (SRO)



Date: 11th February 2026



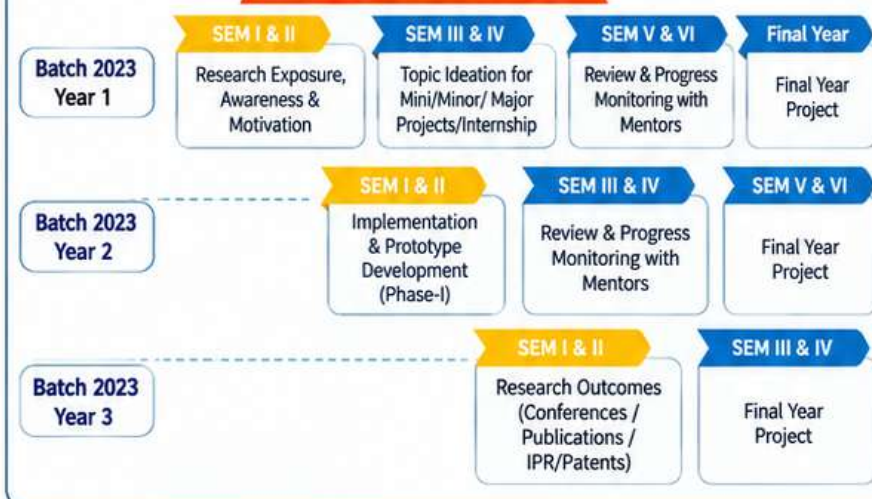
Time: 11.00 AM



Venue: Dean, R&I Office



SRO ROADMAP



OBJECTIVE OF STUDENT RESEARCH OUTCOMES



KEY OUTCOMES



ABOUT SRO

SRO is a structured, semester-wise framework that nurtures research from early stages leading to high-quality Final Year Projects and measurable research outcomes.

1. Strategic Discussion Meetings for Enhancing Research Activities

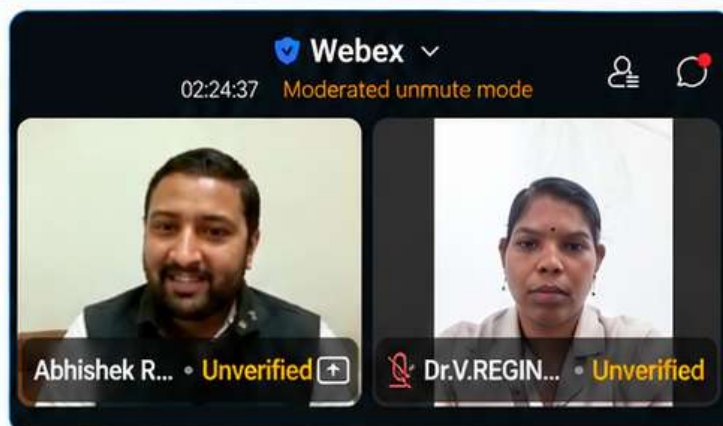
1.5. IIC Activity Report Submission: Guidelines, Documentation & Best Practices – 16 FEB 2026

On **16 February 2026 (Monday)**, the Institutions' Innovation Council (IIC), MIC-AICTE conducted an online session for **IIC Presidents, Conveners, Innovation Ambassadors, Faculty Members, and IIC Coordinators**. The session provided comprehensive guidance on IIC Activity Report preparation and submission, emphasizing effective documentation, adherence to MIC-AICTE guidelines, quality enhancement, and best practices for successful report submission.



General Instruction and Guidelines - IIC Activity Conduct and Report Submission

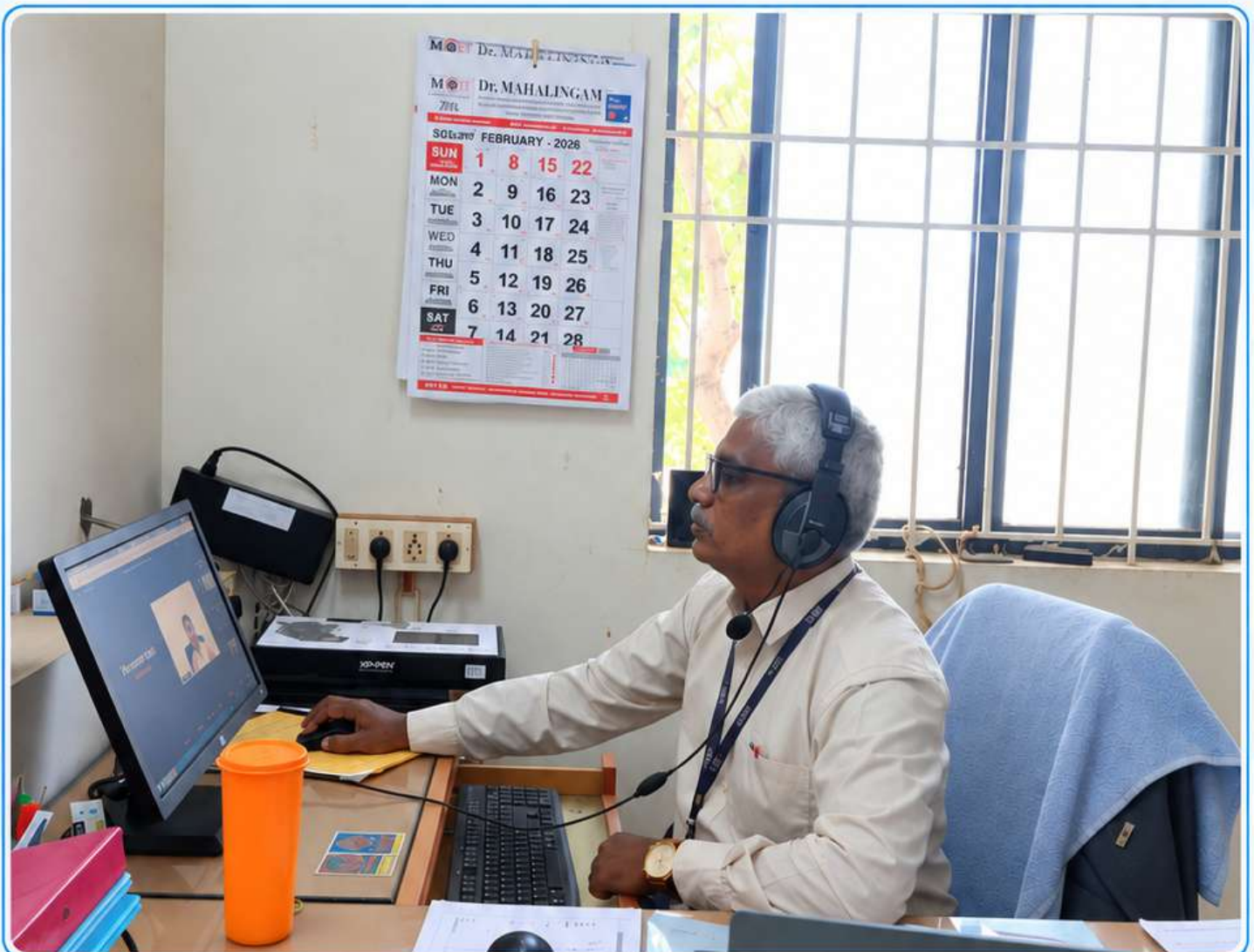
- Activities directly related to promotion, engagement and in support of Innovation, Entrepreneurship and IPR will only be considered.
- Reports submission deadline – Activity report should be submitted soon after conducting the activity.
- For each activity report, its mandatory to upload two photos (one should cover the participants from front and second should cover stage/Dias with proper information of the event for Offline event, in case its conducted online, then screenshot of expert speaker with participants and clearly visible participants).
- The total number participants for activities should be minimum 40. Avoid submitting individual activity report.
- Participants Attendance must be added with the particular activity should be submitted along with overall activity report in pdf format as proof of conduct of event.**
- For offline activities, a one to two-minute video of the program/activity should be uploaded on the YouTube/Facebook/ Twitter channel of Institute or IIC and working link should be provide.
- Short Video must be submitted as an evidence. This video can be uploaded either on Social Media Platform or YouTube, and their link can be provided. The video should cover all the participants, speakers and stage. For online events, screen recording may be used or the live link.
- MIC may reject the submitted report if Activity is not aligned with the IIC theme- Innovation, Start-up, Entrepreneurship, IPR or Video/Photos are not in accordance with above guidelines.



1. Strategic Discussion Meetings for Enhancing Research Activities

1.6. Strengthening IIC Student Councils: Roles, Responsibilities and Best Practices - 23 FEB 2026

On **23 February 2026 (Monday)**, from **11:30 AM to 12:30 PM**, the Ministry of Education's Innovation Cell (MIC), AICTE conducted an online session titled **"Effective Utilization of the Student Council: Roles & Responsibilities of the Student Convener."** The session focused on strengthening the implementation of IIC 8.0 by outlining the responsibilities of Student Conveners, promoting effective student leadership, and creating awareness of IIC programs, processes, and opportunities to enhance innovation and entrepreneurship activities within institutions.



1. Strategic Discussion Meetings for Enhancing Research Activities

1.7. Orientation Programme for Full-Time Doctoral Scholars – 07 JAN 2026

The **Office of the Dean – Research & Innovation** warmly invited the newly admitted **Full-Time Ph.D. Scholars**. The welcome meeting was organized to introduce the institutional research ecosystem, research facilities, academic regulations, funding opportunities, and expectations for quality research. The session encouraged scholars to embark on a productive and impactful research journey.

Venue: Conference Hall, Office of the Dean – Research & Innovation



1. Strategic Discussion Meetings for Enhancing Research Activities

1.8. Departmental RIG SPoC Review & Coordination Meeting - 20 JAN 2026



RIG SPoC MEETING

CONDUCTED BY

Dr. S. RAMAKRISHNAN
Dean - Research and Innovation



“

The periodical RIG SPoC Meeting was conducted by
Dr. S. Ramakrishnan, Dean - Research & Innovation,
on **20 January 2026** at the Dean R&I Conference Hall
to review the progress of departmental Research Interest Groups (RIGs).

The session emphasised the role of Single Points of Contact (SPoCs)
in coordinating research initiatives, facilitating communication, monitoring activities,
and ensuring effective implementation of R&I objectives across departments.

”

MEETING DETAILS



DATE

20 January 2026



VENUE

Dean R&I
Conference Hall



FOCUS

Review • Coordinate
Monitor • Collaborate



GOAL

Strengthening Research
Excellence Across
Departments



1. Strategic Discussion Meetings for Enhancing Research Activities

1.9. R&I Coordinators Progress Review Meeting - 13 DEC 2025 & 21 JAN 2026

R&I COORDINATORS PROGRESS REVIEW MEETING

PERIODICALLY



REVIEW



MONITOR



COORDINATE



ACHIEVE



CONDUCTED BY

Dr. S. RAMAKRISHNAN

Dean - Research & Innovation



AT

Dean R&I
Conference Hall

“

Dr. S. Ramakrishnan, Dean – Research & Innovation, conducted the Periodical R&I Coordinators Review Meetings on **13 December 2025** and **21 January 2026** at the Dean R&I Conference Hall to review the progress of departmental tasks.

The meetings focused on reviewing the status of departmental tasks, monitoring the timely completion of assigned activities, addressing implementation challenges, and strengthening coordination among R&I Coordinators to ensure the effective execution of institutional research and innovation initiatives:

”

MEETING DATES



13 DECEMBER 2025
Saturday



21 JANUARY 2026
Wednesday

KEY FOCUS AREAS



Review the
status of
departmental
tasks



Monitor timely
completion of
assigned
activities



Address
implementation
challenges



Strengthen
coordination
among R&I
Coordinators



Ensure effective
execution of research
and innovation
initiatives



1. Strategic Discussion Meetings for Enhancing Research Activities

1.10. Inauguration Ceremony of the Institutional IPR Cell - 22 JAN 2026



INAUGURATION OF IPR CELL



EMPOWERING IDEAS, PROTECTING INNOVATION.

 **22 JANUARY 2026**



We are pleased to announce the Inauguration of the **IPR CELL** at our Institution on **22 January 2026**. The IPR Cell will serve as a dedicated platform to promote a culture of innovation, safeguard intellectual property, and support researchers, faculty, and students in protecting their ideas and creations.



**IPR CELL
COORDINATORS**

Dr. S. V. Gurupranesh
AP/SI (Mechanical)
Mr. A. Shafeek
AP/SI (CSE)



VENUE
Dean R&I Office

OUR OBJECTIVES



**PROMOTE
INNOVATION**



**PROTECT
INTELLECTUAL
PROPERTY**



**SUPPORT
RESEARCHERS &
STUDENTS**



**FACILITATE
IP AWARENESS
& TRAINING**



**ENCOURAGE
INDUSTRY
COLLABORATION**



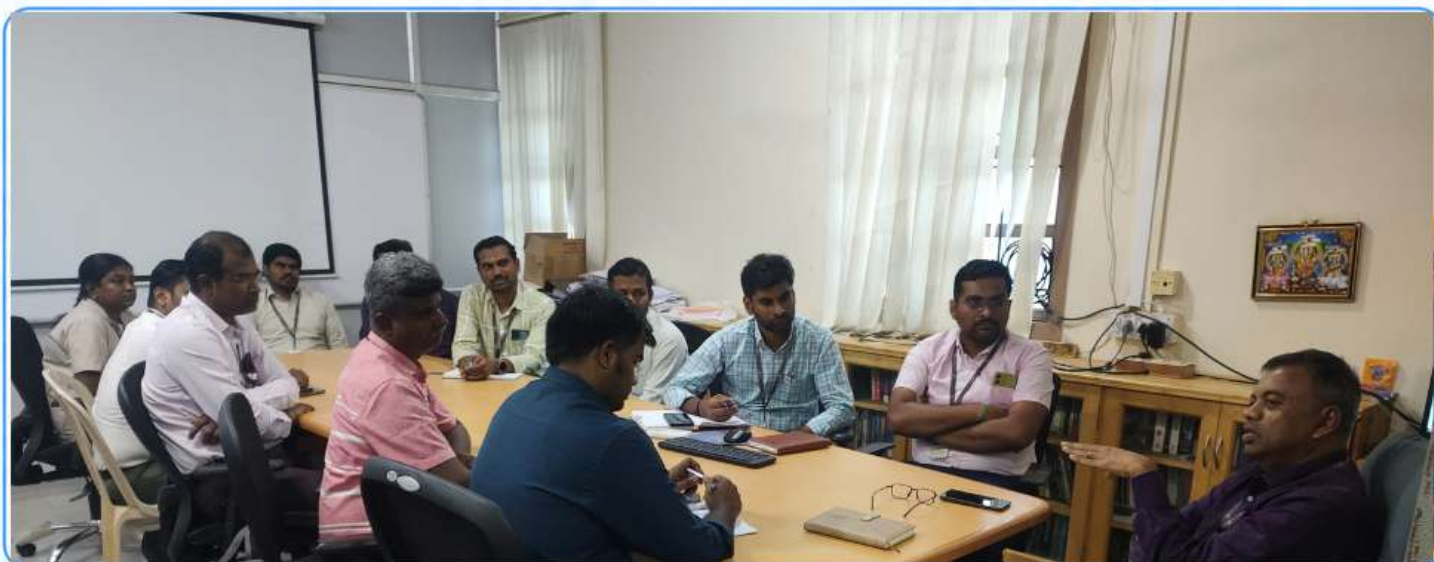
IDEATE. INNOVATE. PROTECT. IMPACT.

Building a Strong Ecosystem for Innovation and Intellectual Property

1. Strategic Discussion Meetings for Enhancing Research Activities

1.1.1. Patent Commercialization and Technology Transfer Meeting - 31 January 2026

A Patent Commercialization and Technology Transfer Meeting was conducted by **Dr. S. Ramakrishnan, Dean – Research & Innovation**, at Dr. MCET Campus on 31 January 2026. The meeting focused on identifying commercially viable technologies, strengthening industry collaborations, and exploring effective pathways for technology transfer. Faculty members discussed patent commercialization strategies, licensing opportunities, and mechanisms to enhance the societal and industrial impact of institutional research outcomes.



KNOWLEDGE SHARING SESSIONS CONDUCTED



SHARE | LEARN | COLLABORATE | GROW



“

*Knowledge shared
today creates a brighter
tomorrow*

”

PEOPLE
IDEAS
DISCUSSIONS
PROGRESS





2. Knowledge Sharing Sessions Conducted



S.No.	Name of the Event	Resource Person	Date
1	Protecting IPR and IP Management for Startups	Dr.Vinoth Kumar I Registered Patent Agent(IN/PA 6111), Erode.	21/02/2026
2	From Manuscript to Publishing	Dr.N.Natarajan, Professor/Civil & Dr.B.Saravanakumar, Professor & Head/S&H, Dr.MCET, Pollachi	03/02/2026
3	AI Assisted Manuscript Writing and Publishing	Dr.K.S.Srinivya Rani, Founder, Sowrna AWW, Coimbatore.	24/01/2026 & 31/01/2026
4	RF & VLSI	Dr.Rakesh Kumar Palani, Associate Professor, Department of Electrical Engineering, IIT, Delhi	09/01/2026
5	Workshop on IPR Basics for Innovators and Entrepreneurs	Dr.Vinoth Kumar I Registered Patent Agent(IN/PA 6111), Erode.	13/12/2025
6	IP Awareness and Patent Filing Workshop	Dr.Vinoth Kumar I Registered Patent Agent(IN/PA 6111), Erode.	09/12/2025
7	A One day Training on Commercialization Licensing and Transfer Practices and Strategy	Dr.S.Ramakrishnan, Dean Research & Innovation, Dr.MCET, Pollachi.	02/12/2025



Knowledge Sharing Sessions Conducted On RIG Domains



S.No	Resource Person	Title	RIG Domain	Date
1	Dr.M.Bhagavathi Priya, AP(SG), VLSI	Interfacing smart sensors with AI enabled Embedded Systems	Artificial Intelligence & Machine Learning	30.12.25
2	Dr.V.Umadevi, ASP, S&H	VASP An Introduction	Energy Engineering & Alternative Fuels	12.01.26
3	Dr.V.Baghya Daisy AP(SG), S&H	UV Visible Spectroscopy - Techniques and sample analysis	Energy Engineering & Alternative Fuels	23.01.26
4	Dr.T.Muthukumar AP(SS), S&H	Mathematical Foundation on Python Programming	Fuzzy Mathematics	04.02.26



2. Knowledge Sharing Sessions Conducted

Protecting IPR and IP Management for Startups – 21 FEB 2026

Protecting IPR and IP Management for Startups



Institution's Innovation Council (IIC) Calendar Activity

The Office of the Dean – Research & Innovation, Dr. Mahalingam College of Engineering and Technology (MCET) successfully organised an Institution's Innovation Council (IIC) Calendar Activity on "Protecting IPR and IP Management for Startups" on 21 February 2026 at the EEE Seminar Hall, MCET.

The session was delivered by **Dr. J. Vinoth Kumar**, Indian Patent Agent (IN/PA 6111), Bannari Amman Institute of Technology, Sathyamangalam, who provided valuable insights into intellectual property protection, patent filing procedures, and IP management strategies for startups and innovators.

The programme was coordinated by **Dr. S. V. Gurupranes**, Assistant Professor (SS), Department of Mechanical Engineering, and **Mr. A. Shafeek**, Assistant Professor (SS), Department of Electronics and Communication Engineering, with enthusiastic participation from faculty members, research scholars, innovators, and students.



Speaker



Dr. J. Vinoth Kumar

Indian Patent Agent (IN/PA 6111),
Bannari Amman Institute of Technology,
Sathyamangalam.



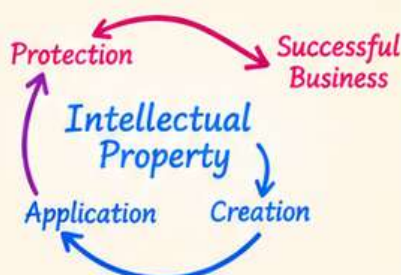
21.02.2026



9.30 AM – 4.30 PM



EEE Seminar Hall, MCET



1. Dean Sir Introducing the Resource Person



2. Resource Person Addressing the Participants



EEE Seminar Hall, MCET
21 February 2026 | 9.30 AM – 4.30 PM

Convenor

Dr. S. V. Gurupranes
AP (SS) / Mech

Co-Convenor

Mr. A. Shafeek
AP (SS) / ECE



**INSTITUTION'S
INNOVATION
COUNCIL**
(Ministry of HRD Initiative)





2. Knowledge Sharing Sessions Conducted

From Manuscript to Publishing – 03 FEB 2026

Office of Dean Research & Innovation

A ONE DAY WORKSHOP

on

From Manuscript to Publication

Paper Writing & Review Navigation



Dr. N. Natrajan
Professor / Civil



Dr. B. Saravanakumar
Professor / S&H

The Office of the Dean – Research & Innovation, Dr. Mahalingam College of Engineering and Technology, Pollachi, conducted a **One Day Workshop** on "From Manuscript to Publication: Paper Writing & Review Navigation" on 03.02.2026 at the Electrical Seminar Hall.

Dr. N. Natrajan, Professor / Civil, and Dr. B. Saravanakumar, Professor / S&H, were the resource persons. The workshop attracted enthusiastic participation from faculty members of various departments. The sessions provided valuable insights on manuscript preparation, journal selection, review process, and publication strategies, enriching the participants' research and scholarly communication skills.





2. Knowledge Sharing Sessions Conducted

AI-Assisted Manuscript Writing and Publishing - 24 & 31 JAN 2026

The Office of the Dean – Research & Innovation & Institution's Innovation Council of Dr. Mahalingam College of Engineering and Technology, Pollachi, conducted a two-day workshop on **"AI-Assisted Manuscript Writing and Publishing"** on **24.01.2026** and **31.01.2026** at the **Electrical and Mechanical Seminar Halls**. **Dr. K. S. Sowmiya Rani**, Founder, Sowmis_AWW, Coimbatore, was the resource person. Around 150 faculty members from all departments participated in the workshop.

The objective of the workshop was to familiarize the participants with the role of **Artificial Intelligence** in academic writing, research productivity, and scholarly publishing, and to provide hands-on exposure to useful AI tools for manuscript preparation with emphasis on ethical and responsible use.



Dr. K. S. Sowmiya Rani delivering the session

AI-Assisted Manuscript Writing and Publishing

31 JANUARY, 2026

10:00 AM - 04:30 PM

MECHANICAL SEMINAR HALL

Dr. K.S. SOWMIYA RANI
Founder
Sowmis_AWW, Coimbatore

INSTITUTION'S INNOVATION COUNCIL
(Ministry of Education Initiative)

Harnessing AI for Scholarly Excellence

24 JANUARY, 2026

10:00 AM - 04:30 PM

ELECTRICAL SEMINAR HALL

Dr. K.S. SOWMIYA RANI
Founder
Sowmis_AWW, Coimbatore

Harnessing AI for Scholarly Excellence



2. Knowledge Sharing Sessions Conducted

Knowledge Sharing Session on RF & VLSI – 09 JAN 2026



Dr. MAHALINGAM
MCET
COLLEGE OF ENGINEERING AND TECHNOLOGY
Enlightening Technical Minds

Established in 1998 • An Autonomous Institution Since 2011
POLLACHI, COIMBATORE - 642 003





**Office of Dean
Research & Innovation**
Research Interest Group
RF & VLSI
KNOWLEDGE SHARING SESSION



Dr. Rakesh Kumar Palani
Associate Professor
Department of Electrical Engineering
Indian Institute of
Technology Delhi



Date: 09.01.2026 TIME 12.15 PM



Venue: Electrical Seminar Hall

**Organizers: Mr.Sam Suresh, J. AP(SS)/EE(VLSI)
Ms.K.C.Rajarajeshwari AP(SS)/ECE**

All are cordially Invited !!!

Collaborate, Innovate, Elevate: Research Excellence... **AY 2025-26**



The Office of the Dean – Research & Innovation, organized a **Knowledge Sharing Session** on "RF & VLSI" on 09.01.2026 at 12.15 PM in the **Electrical Seminar Hall**. The session was delivered by **Dr. Rakesh Kumar Palani**, Associate Professor, Department of Electrical Engineering, **Indian Institute of Technology Delhi**.

The session focused on recent advances in Radio Frequency (RF) and Very Large Scale Integration (VLSI) technologies, including emerging research trends, integrated circuit design, semiconductor technologies, and opportunities for interdisciplinary research.

2. Knowledge Sharing Sessions Conducted

Workshop on IPR Basics for Innovators and Entrepreneurs - 13 DEC 2026



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POLLACHI, COIMBATORE - 642 003



**Office of Dean
Research & Innovation**
**Workshop on IPR Basics for
Innovators and Entrepreneurs**
KNOWLEDGE SHARING SESSION



Dr. Vinoth Kumar J

Registered Patent Agent
(No. IN/PA 6111)
Erode



Date: 13.12.2025



Time: 10:00am - 12:30pm & 02:00pm - 03:30pm



Venue: EEE Seminar Hall

**Organizers: Mr.G.Karthikeyan, AP(SS)/EC(ACT)
Mr.K.Vijayakkannan, AP (SS) / Mech
Mr.K.Prabhu, AP (SS) / CSE**

All are cordially Invited !!!



The Office of the Dean – Research & Innovation, organized a **Knowledge Sharing Session** on "**Workshop on IPR Basics for Innovators and Entrepreneurs**" on 13 December 2025 at the EEE Seminar Hall.

The session was delivered by **Dr. Vinoth Kumar J, Registered Patent Agent (No. IN/PA 6111), Erode**, who provided an overview of intellectual property rights, patents, and the innovation ecosystem.

The interactive workshop enhanced awareness of intellectual property and encouraged faculty members and students to foster innovation and entrepreneurship.

2. Knowledge Sharing Sessions Conducted

IP Awareness and Patent Filing Workshop – 09 DEC 2026



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POLLACHI, COIMBATORE - 642 003



**Office of Dean
Research & Innovation
Research Interest Group**

KNOWLEDGE SHARING SESSION

“IP Awareness and Patent Filing Workshop”



Dr. Vinoth Kumar J
Registered Patent Agent
(No. IN/PA 6111)
Erode



Date: 09.12.2025



Time: 10:00am - 12:30pm & 02:00pm - 03:30pm



Venue: EEE Seminar Hall

Organizers: Mr.G.Karthikeyan, AP(SS)/EC(ACT)
Mr.K.Vijayakkannan, AP (SS) / Mech
Mr.K.Prabhu, AP (SS) / CSE

All are cordially Invited !!!



The Office of the Dean – Research & Innovation, organized a **Knowledge Sharing Session on "IP Awareness and Patent Filing Workshop"** on **09 December 2025** at the **EEE Seminar Hall**.

The session was delivered by **Dr. Vinoth Kumar J, Registered Patent Agent (No. IN/PA 6111), Erode**, who explained the fundamentals of intellectual property rights and the patent filing process.

The workshop provided practical insights into patent drafting, filing procedures, prior art search, and strategies for protecting innovative ideas.

2. Knowledge Sharing Sessions Conducted

A One Day Training on Commercialization Licensing and Transfer Practices and Strategy – 2 DEC 2026



The Office of the Dean – Research & Innovation, organized a **One-day Training on Commercialization, Licensing and Transfer Practices & Strategy** on 02 December 2025 at the OBE Seminar Hall. The session was conducted by **Dr. S. Ramakrishnan, Dean – Research & Innovation, MCET**, and **Indian Patent Agent (Reg. No. 6069), Coimbatore**, who shared practical insights into technology commercialization, licensing models, and intellectual property management.

Dr.K.Anitha Kumari , Professor, Department of IT, PSG Institute, Coimbatore also shared her views. Participants gained an understanding of strategies for translating research outcomes into commercially viable technologies through effective technology transfer mechanisms. The programme encouraged faculty members and researchers to strengthen innovation, industry collaboration, and the commercialization of research.

2. Knowledge Sharing Sessions Conducted On RIG Domains



Dr. MAHALINGAM
COLLEGE OF ENGINEERING AND TECHNOLOGY
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Office of Dean
Research & Innovation
RESEARCH INTEREST GROUP



RESEARCH INTEREST GROUP
"Artificial Intelligence and Machine Learning"
Knowledge Sharing Session



Dr. M. Bhagavathi Priya
Assistant Professor (SG)
Department of Electronics Engineering
(VLSI Design and Technology)
Dr. Mahalingam College of Engineering and Technology

"Interfacing Smart Sensors with AI-Enabled Embedded Systems"
Date : 30.12.2025 & Time: 3.00PM | Venue: C426
Organizer(s): Dr. S. Ponni @ Sathya, ASP/IT | Dr. J. Bhavithra, ASP/CSE
All are cordially Invited !!!

RESEARCH INTEREST GROUP
"Energy Engineering & Alternative Fuels"
Knowledge Sharing Session



Dr. V. Umadevi
Associate Professor
Department of Science and Humanities
Dr. Mahalingam College of Engineering and
Technology, Pollachi - 03

"VASP - An Introduction"
Date & Time: 12.01.2026 & 2:30 PM | Venue: A421 Auto Conference Hall
Organizers: Dr. S. Ayyappan, Prof/Mech. Mr. M. Ponnuragan, AP(SS)/Auto
All are cordially Invited !!!

RESEARCH INTEREST GROUP
"Energy Engineering & Alternative Fuels"
Knowledge Sharing Session



Dr. V Regina Delcy
Assistant Professor (SG)
Department of Science and Humanities
Dr. Mahalingam College of Engineering and
Technology, Pollachi - 03

UV-Visible Spectroscopy: Technique and Sample Analysis
Date & Time: 23.01.2026 & 3:00 PM | Venue: A421 Auto Conference Hall
Organizers: Dr. S. Ayyappan, Prof/Mech. Mr. M. Ponnuragan, AP(SS)/Auto
All are cordially Invited !!!

RESEARCH INTEREST GROUP
Fuzzy Mathematics
Knowledge Sharing Session



Dr. T. Muthukumar
Assistant Professor (SS)
Department of Science and Humanities
(Mathematics)
Dr. Mahalingam College of Engineering and
Technology

Mathematical foundation on Python Programing
Date & Time: 04.02.2026 & 03:00 PM | Venue: S&H Conference Hall
Organizer(s): Dr. T. Muthukumar, AP(SS)
All are cordially Invited !!!



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ACTIVITIES

ORGANIZED THROUGH RESEARCH INTEREST GROUP



COLLABORATE | INNOVATE | ELEVATE

RESEARCH EXCELLENCE...

3. Activities Organized Through Research Interest Group (RIG)

S.No.	Title	Name of the Resource Person (MCET Faculty Members)	Date
1	Mathematical Foundation on Python Programming	Dr.T.Muthukumar, AP(SS)/S&H	04.02.26
2	Quantum computing research perspective and implementation in PennyLane and qBraid environment.	Dr. S. Gayathiri Devi, CIT (online)	26.02.26
3	An inspired algorithm for acquisition of plant growth through drip irrigation	Mr.K.R.Gokul Anand, AP(SS)/ ECE	09.01.26
4	Instructing of modified DC-dc-DC converter using graph theory	Mr.J.Hubert Tony Raj, AP(SS)/ EEE	10.01.26
5	Design of Application Specific CNNs	Mr.S.Seshaguru, AP/ECE	10.01.26
6	Effective Cattle Vacular Diseases prediction using Machine Learning Techniques	Mr.K.Prabhu, AP(SS)/ CSE	10.01.26
7	Digital Twin in Smart Transportation Systems	Dr.A.Noble Mary Juliet, Prof./ CSE	12.01.26
8	Intrusion Detection in cyber physical systems	Mr. M.Jotheeswari, AP/ Cyber	12.01.26
9	Interpretation of Instrumental Methods	Mr. N. Dhamodharan – AP(SS)/ Auto	21.01.26
10	Engineering of Special Concrete with focus on Sustainability, Rheology and Microstructural characterizations	Dr. M. Mariappan, AsP/ Civil	22.01.26
11	Energy Audit-An Overview	Dr.S. Ayyappan, AsP/Mechanical	30.01.26
12	Machine Learning Algorithm in Agricultural Economics	Mr. I. Santhiya AP(SS)/ CSE	10.12.25
13	Advanced techniques for Manufacturing of Biomedical devices	Mr. R. Gunasekaran, AP(SS)/ Mech	11.12.25
14	Test Pattern Reondoring Techniques	Dr. M. Navin Kumar, AP(SS)/ VLSI	11.12.25
15	GaN/GaAs Based RF Amplifier Design	Mr. J. San Suresh, AP(SG) / VLSI	11.12.25
16	A Survey on Video Anomaly Detection using deep learning	Mr. T. Vijayakumar, AP(SS)/ AIML	11.12.25
17	Investigation on Steel Infilled Self Cured Concrete Tube	Mr. A. Manikandan, AP(SS)/ EEE and Mr. M. Sudharasan, AP(SS)/Civil	12.12.25
18	Properties of composite filament of PLA with coconut spathe powder	Mr. N. Dhamodhran, AP(SS)/ Auto	12.12.25
19	Hydrogen Fuel Cells: Challenges and Opportunities for Implementation in Hybrid Vehicles	Mr. R. B. Rajeshkumar, AP / Auto	12.12.25
20	Malware Analysis	Mr. S. Gayathri, AP(SS)/ Civil	18.12.25
21	Interfacing smart sensors with AI enabled Embedded Systems	Dr. M. Bhagavathi Priya, AP(SG)/ VLSI	30.12.25
22	Machine Learning based power Estimation for Digital circuits	MsJeya Nandhini, AP/ VLSI	31.12.25

3. Activities Organized Through Research Interest Group (RIG)

Office of Dean Research & Innovation
RESEARCH INTEREST GROUP

"Artificial Intelligence and Machine Learning"
Research Seminar



Ms. J. Anitha
Assistant Professor
Department of Computer Science & Engineering
Dr. Mahalingam College of Engineering and Technology

"Machine Learning Algorithms in Agricultural Ecosystems"
Date & Time: 10.12.2025 @ 11:00 AM
Venue: C129

Organizers: Dr. S. Ponnai @ Sathya, ASP/IT
Dr. J. Bhavithra, ASP/CSE

All are cordially invited !!!

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Office of Dean Research & Innovation
RESEARCH INTEREST GROUP

"Materials Design & Manufacturing"
Knowledge Sharing Session



Mr. K. Sankaran
Assistant Professor (SR)
Department of Mechanical Engineering
Dr. Mahalingam College of Engineering and Technology, Pollachi

"Advanced Techniques for Manufacturing of Biomedical Devices"
11/12/2025 @ 03.30 PM
Venue: Automobile Department Conference Hall

Organizer(s): Dr. S.K.Ashok ASP/Auto
Mr. K. Sasikumar AP/Mech

All are cordially invited !!!

Collaborate, Innovate, Elevate Research Excellence...

Office of Dean Research & Innovation
Research Interest Group
RF & VLSI

"Test Pattern Reordering Techniques"
Research Seminar



Dr. M. Navin Kumar
Assistant Professor (SG)
Department of Electronics Engineering (VLSI)
Dr. Mahalingam College of Engineering and Technology, Pollachi

"Test Pattern Reordering Techniques"
Date: 11.12.2025
TIME: 3.30 PM
Venue: C-429

Organizers: Mr. Sam Suresh, J. AP(SS)/EE (VLSI)
Ms. K. C. Rajarajeshwari AP(SS)/ECE

All are cordially invited !!!

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Office of Dean Research & Innovation
Research Interest Group
RF & VLSI

KNOWLEDGE SHARING SESSION

"GaN, GaAs Based RF Amplifier Design"
Research Seminar



Mr. Sam Suresh
Assistant Professor(SS)
Department of Electronics Engineering (VLSI)
Dr. Mahalingam College of Engineering and Technology, Pollachi

"GaN, GaAs Based RF Amplifier Design"
Date: 11.12.2025
TIME: 3.00 PM
Venue: C-426

Organizers: Mr. Sam Suresh, J. AP(SS)/EE (VLSI)
Ms. K. C. Rajarajeshwari AP(SS)/ECE

Office of Dean Research & Innovation
RESEARCH INTEREST GROUP

"Artificial Intelligence and Machine Learning"
Research Seminar



Mr. T. Vijayakumar
Assistant Professor (SS)
Department of Artificial Intelligence and Machine Learning
Dr. Mahalingam College of Engineering and Technology, Pollachi

"A survey on video anomaly detection using deep learning"
Date & Time: 11.12.2025 @ 3:00 PM
Venue: C301

Organizer(s): Dr. S. Ponnai @ Sathya, ASP/IT
Dr. J. Bhavithra, ASP/CSE

Office of Dean Research & Innovation
RESEARCH INTEREST GROUP

"Materials Design & Manufacturing"
Research Seminar



Mr. N. Dhamodharan
Assistant Professor (SS)
Department of Automobile Engineering
Dr. Mahalingam College of Engineering and Technology, Pollachi

"Properties of composite filament of PLA with coconut spathe powder"
12/12/2025 @ 04.00 PM
Venue: Automobile Department Conference Hall

Organizer(s): Dr. S.K.Ashok ASP/Auto
Mr. K. Sasikumar AP/Mech



3. Activities Organized Through Research Interest Group (RIG)

**Office of Dean
Research & Innovation**
Research Interest Group
Power Electronics and Systems &
Control and Automation
Research Presentation

 **Mr. R.R. Rajeshkumar,**
Assistant Professor
Department of Automobile Engineering
Dr. Mahalingam College of Engineering and Technology,
Pollachi

**Hydrogen Fuel Cells – Challenges and opportunities for
Implementation in Hybrid vehicles**
12.12.2025 @ 10.00 AM
C213 - EEE Conference Hall

Organizers: Mrs. V. Karthiga, AP(SG) EEE Mr. S. Aarthi, AP(SG) EEE

**Office of Dean
Research & Innovation**
RESEARCH INTEREST GROUP
"Cryptography and Network Security"
Research Seminar

 **Ms. S. Gayathri**
Assistant Professor
Department of Computer Science & Engineering
Dr. Mahalingam College of Engineering and
Technology

"Malware Analysis"
Date & Time: 15.12.2025 @ 3:00 PM
Venue: C125

Organizer(s): Mrs. G. Saranya AP(SS) IT
Mr. M. Nadeesh AP(SS) CSE(CS)

**Office of Dean
Research & Innovation**
Research Interest Group
RF & VLSI
Research Seminar
Machine Learning based Power Estimation for
Digital Circuits

 **Ms. S. Jaya Nandhini**
Assistant Professor
Department of Electronics
Engineering(VLSI)
Dr. Mahalingam College of Engineering
and Technology, Pollachi

**"Machine Learning based Power Estimation for Digital
Circuits"**
Date: 31.12.2025 TIME 10:00 AM
Venue: C-426

Organizers: Mr. Sam Suresh, J. AP(SS) EE(VLSI)
Ms. K.C. Rajarajeshwari AP(SS) ECE



**Office of Dean
Research & Innovation**
RESEARCH INTEREST GROUP
"Cryptography and Network Security"
Research Seminar

 **Ms. M. Jethesuari**
Assistant Professor
Department of Computer Science and
Engineering (Cyber Security)
Dr. Mahalingam College of Engineering and
Technology

"Intrusion Detection in Cyber Physical Systems"
Date & Time: 12.01.2026 @ 03:30 PM
Venue: AIML Conference Hall (C302)

Organizer(s): Mrs. G. Saranya AP(SS) IT
Mr. M. Nadeesh AP(SS) CSE(CS)

**Office of Dean
Research & Innovation**
RESEARCH INTEREST GROUP
"Computer Network and IoT"
Research Seminar

 **Mr. K.J. Gokul Anand**
Assistant Professor(SS)
Department of Electronics and Communication
Engineering
Dr. Mahalingam College of Engineering and
Technology, Pollachi

**"Bio inspired algorithms for acquisition of plant growth
through data interpretation"**
Date & Time: 09.01.2026 @ 03:00 PM
Venue: C308 - ECE Conference Hall

Organizer(s): Dr. R. Sherine Jenny, AP(SG) ECE
Mr. R. Muthubharathi AP(SS) EEE

**Office of Dean
Research & Innovation**
Research Interest Group
Power Electronics and Systems &
Control and Automation
Research Seminar

 **Mr. L. Hubert Tony Raj,**
Assistant Professor (SS),
Department of Electrical and Electronics
Engineering,
Dr. Mahalingam College of Engineering and Technology,
Pollachi.

**Restructuring of Modified DC-to-DC Converter Using
Graph Theory**
10.01.2026 @ 02.00PM
C213 - EEE Conference Hall

Organizers: Dr. V. Karthiga, AP(SG) EEE Mr. A. Aarthi, AP(SG) EEE



3. Activities Organized Through Research Interest Group (RIG)

Office of Dean
Research & Innovation
RESEARCH INTEREST GROUP
“Signal and Image Processing”

Research Seminar

 **Ms. Senbagam B**
Assistant Professor
Department of Electronics and Communication
Engineering
Dr. Mahalingam College of Engineering and
Technology

“Design of Application-Specific CNNs”
Date: 10.01.2026 & Time: 3.00PM
Venue: C308- ECE Conference Hall

Organizer(s): Dr. S. Bharathi ASP/ECE
Dr. C. Moorthy AP(SG)/ECE

Office of Dean
Research & Innovation
RESEARCH INTEREST GROUP
“Computer Network and IoT”

Research Seminar

 **Mr. Prabhu K**
Assistant Professor (SS)
Department of Computer Science and Engineering
Dr. Mahalingam College of Engineering and
Technology, Pollachi

“Cardio Vascular Diseases Prediction
using Deep Learning”
Date & Time: 10.01.2026 & 11:00 AM
Venue: C125- CSE Conference Hall

Organizer(s): Dr. R. Sherine Jenny, AP(SG)/ECE
Mr. R. Muthubharathi AP(SS)/EEE

Office of Dean
Research & Innovation
RESEARCH INTEREST GROUP
“Computer Network and IoT”

Research Seminar

 **Dr. A. Noble Mary Juliet**
Professor
Department of Computer Science and Engineering
Dr. Mahalingam College of Engineering and
Technology, Pollachi

“Digital twins in smart transportation”
Date & Time: 12.01.2026 & 11:00 AM
Venue: C125- CSE Conference Hall

Organizer(s): Dr. R. Sherine Jenny, AP(SG)/ECE
Mr. R. Muthubharathi AP(SS)/EEE

Office of Dean
Research & Innovation
RESEARCH INTEREST GROUP
“Materials Design & Manufacturing”

Research Seminar

 **Mr. N. Dhamodhan**
Assistant Professor (SS)
Department of Automobile Engineering
Dr. Mahalingam College of Engineering and
Technology, Pollachi

“Properties of composite filament of PLA with coconut
spathe powder”
12/12/2025 & 04.00 PM
Venue: Automobile Department Conference Hall

Organizer(s): Dr. S. K. Ashok ASP/Auto
Mr. K. Sasikumar AP/Mech



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DETAILS OF THE PATENTS GRANTED



4. Details of the Patents Granted

List of Granted Utility Patent

S.No	Name of the Inventors	Title of the Patent / Application No.	Date
1	Dr. S. Anthony Jesudurai AP - EEE Dr. M. Selvakumar AP - AUTO (Relieved) Dr. T. RamKumar AP - MECH Dr.M.Thirunavukkarasu AP - AUTO Dr. V.K.Sudha HoD - ECE Dr. V.Regina Delcy AP - S&H Dr. V. Umadevi AsP- S&H	202341042928 An Arrangement for Detecting Surface Defects of Engine Piston and Method Thereof	27/06/2023 (F) 01/09/2023 (P) 12/02/2024 (G)

List of Grant Design Patent

S.No.	Name of the Inventors	Title of the Patent & Application No.	Date
1	Dr. Rama thirumurugan Professor & head - Mech Dr. D. Shanmugam Professor & head - Auto Dr. M. Jayaraj Assistant Professor (SG) Dr. D. Nathan Associate Professor Dr. N. Shanmuga Sundaram Associate Professor Lohit M IV year - Mech Mr.Sharveshwaran R.S IV year - Mech	438697-001 Acoustic Amplifier Mobile Case	28/11/2024 (F) 19/12/2025(G)
2	Mr. Abhideep Tiwari, Prof. Dr. Khalid Ahmed Aldhorae, Mr. VRD Swathi Nellipudi, Dr.Sampath Kumar Lakshmi, Dr. Nallakannu Senthil Madasamy, AsP - CSE Dr. Jaya Gadge, Prof. Priyanka Verma , Dr. Tarun Kumar Tayal	6494706 (UK Patent) AI based device for Crop Health Monitoring and Early disease Detection	22/12/2025 (F) 09/01/2026 (G)
3	Mr. Raja R. Ms. V. Rekha, Dr. Harikrushna Gantayat, Dr. T R Vedhavathy, Mr. R Alexander, Ms. R Reni Hena Helan, Dr. G. Elizabeth Rani AP - CYS	471215-001 Machine Learning Based Vehicle Movement Tracking Device	06/08/2025 (F) 09/01/2026(G)
4	Ms. S. Mohana Priya, Mr. Vinoth Kumar Arumugam, Dr. R. S. Venkatesan AP(SS) - ECE, Mr. K. Sambath Kumar, Ms. Hubert Mary L, Mr. Pradeep G, Dr. Dinesh S	475941-001 Device for Analysis and Monitoring Cyber Crime	06/10/2025 (F) 09/01/2026 (G)
5	Dr. J. Divakaran AP(SS) - ECE Dr. A. Prabhakaran Ms. V. Bhuvaneshwari AP(SS) - ECE Mr. M. Sivakumar AP(SS) - IT Mr. K.R. Gokul Anand AP(SS) - ECE Mr. D. Manojkumar AP(SS) - CSE Ms. G. Gayathri AP(SS) - CSE Ms. A. Javalakshmi AP(SS) - CSE	481913-001 Multi-Sensor Controlled Smart Fan	28/11/2025 (F) 23/01/2026 (G)

4. Details of the Patents Granted

List of Grant Design Patent

S.No.	Name of the Inventors	Title of the Patent & Application No.	Date
6	Dr. Ankarao Mogili Mr. P.E. Kamalakkannan AP(SS) - EEE Mr. Aruljothi Kuppannan Dr. T. K. Sethuramalingam Dr. Shailendra Kumar Bohidar Dr. Sumit Kushwaha	475452-001 Circuit Breaker With IoT-Based Monitoring System	30/09/2025 (F) 16/01/2026 (G)
7	Dr. J. Anandakumar Mr.Raja G.V Mr. Prabhu Raj M AP(SS) - EEE Mr. Ashish Shrivastava, Mr.Tarique Anwar Qureshi, Dr. Gargi Shekhar, Dr.Irissappane Dhanusu Soubache, Dr. N. Muguntha Manikandan	476729-001 Hybrid Solar-Wind Powered Electric Vehicle Charging Station	03/10/2025 (F) 09/01/2026 (G)
8	Dr. Sornalakshmi M, Dr. V. Samuthira Pandi, Ms. Shobana D, Dr. N. Saravanan, Dr A.Geethapriya, Dr.Sakthimohan.M, AP (SG) – VLSI, Dr. R. Brindha	472441-001 AI-Based Device for Finance Management in Banks	04/09/2025 (F) 16/01/2026 (G)
9	Ms. K. Divya Mr. K. R. Gokul Anand AP - ECE Mr. M. Suresh Kumar AP - ECE Ms. S. Kokilamani AP - ECE Mr. J. Divakaran AP - ECE Ms. K. C. Rajarajeshwari AP - ECE Ms. A. Kousalyadevi AP - ECE Ms. S. Dharani AP - ECE	477535-001 AI and Image Processing-Based Seedling Planting Machine	18/10/2025 (F) 13/02/2026 (G)

RESEARCH PUBLICATION

FROM IDEA TO IMPACT

Research publication is a systematic journey that transforms ideas into knowledge and contributes to the advancement of society. Each step brings us closer to a better tomorrow.



5. RESEARCH PUBLICATIONS

Journal Article Publications

1. **Abdullah, R. Yasir**, C. Venkatesan, E. Naresh, and B. P. Pradeep Kumar. "AI Driven Hybrid Convolutional and Transformer Based Deep Learning Architecture for Precise Lung Nodule Classification." *Scientific Reports* 16, no. 1 (2026): 3257. <https://doi.org/10.1038/s41598-025-34569-0>. Indexing: Q1, SCIE
2. **Hariharan, K.**, C. Chandrasekhara Sastry, N. Sathishkumar, and K. Saravanan. "Enhancing Biofunctional Coatings on Selective Laser Sintered Polyamide Using Pulsed Laser Deposition for Implant Applications." *Materials Chemistry and Physics* 350 (February 2026): 131906. <https://doi.org/10.1016/j.matchemphys.2025.131906>. Indexing: Q1, SCIE
3. **M, Sakthimohan**, Thenmozhi M, **Elizabeth Rani G**, and Arun M. "A Chronic Kidney Disease Prediction System Based on Internet of Things Using Walrus Optimized Deep Learning Technique." *Informatics for Health and Social Care*, January 19, 2026, 1–21. <https://doi.org/10.1080/17538157.2025.2610695>. Indexing: Q1, SCIE
4. **Moorthy, C., A. Shafeek, V. Gurunathan, and R. Sudhakar**. "3D CSFA-UNet: A Unified Attention-Driven Deep Learning Framework for Accurate Knee MRI Segmentation and Osteoarthritis Severity Classification." *Scientific Reports* 16, no. 1 (2026): 6878. <https://doi.org/10.1038/s41598-026-37847-7>. Indexing: Q1, SCI, SCIE
5. **Natarajan, N., S. Syed Masoodhu**, and M. Vasudevan. "An Overview of Statistical Analysis and Modeling of Characteristics and Impacts of Major Mechanisms of Atmospheric Moisture Transport over India." *Stochastic Environmental Research and Risk Assessment* 40, no. 2 (2026): 43. <https://doi.org/10.1007/s00477-026-03173-7>. Indexing: Q1, SCIE
6. **Sathish, T.**, K. Sujit, K. Dilip Kumar, et al. "TiO₂–Al₂O₃–ZnO Ternary Nanofluids Based Heat Absorption Energy and Exergy Efficiencies Enhancement in Solar Evacuated Collector Tubes." *Chemical Engineering Science* 321 (February 2026): 122932. <https://doi.org/10.1016/j.ces.2025.122932>. Indexing: Q1, SCIE
7. Singh, Bipin Kumar, Ganeshkumar Selvaraj, Ramakrishnan Thirumalaisamy, et al. "Novel Method to Correlate Acoustic Emission and Cutting Force during Machining of Aluminium-5052 Through Ceramic (ZTA) Inserts." *The International Journal of Advanced Manufacturing Technology* 143, nos. 5–6 (2026): 2973–85. <https://doi.org/10.1007/s00170-026-17602-y>. Indexing: Q1, SCIE
8. Surya Rajan, B., **P. Hariharasakthisudhan**, K. Asrar Ahmed, T. R. Tamilarasan, and K. Sathickbasha. "Tailoring Tribological Performance of Brake Friction Composites Using Copper Coated and Annealed Steel Fiber Reinforcements." *Polymer Composites*, January 30, 2026, pc.70882. <https://doi.org/10.1002/pc.70882>. Indexing: Q1, SCIE



5. RESEARCH PUBLICATIONS

Journal Article Publications

9. **Thangavelu, Saravana Kannan**, Ping Ping Chung, Muhammad Rafiq Mirza Bin Julaihi, Kumar Perumal, and Abu Saleh Ahmed. "An Integrated RSM-NSGA-II Approach for Optimizing Bioethanol Production from Sago Pith Waste via Supercritical Water Hydrolysis: An Energy, Economic, and Environmental Perspective." *Chemical Engineering and Processing - Process Intensification* 220 (February 2026): 110660. <https://doi.org/10.1016/j.cep.2025.110660>. Indexing: Q1, SCIE
10. Vijaya, G., G. Sathish Kumar, **G. Uma Maheshwari**, et al. "An Effective ECOLASSO with Black Widow Optimization for Feature Selection and Stagewise Adaptive Learning Rate for Disease Prediction." *Discover Artificial Intelligence* 6, no. 1 (2026): 153. <https://doi.org/10.1007/s44163-026-00874-4>. Indexing: Q1, SCIE
11. Alalasandra Ramakrishnaiah, Suhas, Yasir Abdullah **Rabi**, Ananth John Patrick, et al. "Hybrid DeepSentX Framework for AI-Driven Requirements Insight and Risk Prediction in Multilingual Sports Using Natural Language Processing." *Big Data*, December 4, 2025, 2167647X251399606. <https://doi.org/10.1177/2167647/X25139606>. Indexing: SCIE.
12. Harihara Gopalan, S., V. Vignesh, D. **Sivaganesan**, and S. S. Sivaraju. "ARFO-HBA: An Adaptive Red Fox Optimization Framework with Heap-Based Bucketization for Privacy-Preserving Data Publishing." *SN Computer Science* 7, no. 1 (2026): 81. <https://doi.org/10.1007/s42979-025-04572-3>. Indexing: SCIE.
13. **Hariharasakthisudhan, P.**, Mohanaed Fazil Kaja Mydeen, Sridhar Raj Subramanian, Vishnu Chitravel, and K. Logesh. "Finite-Element, Ensemble Learning and Grey-Wolf Optimization of Open-Cutout Titanium Fiber Metal Laminates." *International Journal on Interactive Design and Manufacturing (IJIDeM)*, ahead of print, February 28, 2026. <https://doi.org/10.1007/s12008-026-02524-6>. Indexing: SCIE.
14. **Karthikeyan, N.**, B. Saravanakumar, **J. Johnson William**, et al. "Cobalt Tailored Bi₂O₃/MWCNTs as Negative Electrode for High Performance Supercapacitors." *Journal of Materials Science: Materials in Electronics* 37, no. 3 (2026): 241. <https://doi.org/10.1007/s10854-026-16629-x>. Indexing: SCIE.
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Journal Article Publications

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5. RESEARCH PUBLICATIONS

Journal Article Publications

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11. Sathiaselvan, Ramanan, and K. Manikandan. "Prevention and Mitigation of AI-Driven Ransomware Cyber Attacks in Networks: Implementation of Deep Learning and Behavioral Analysis." *2025 10th*



5. RESEARCH PUBLICATIONS (Continuation)

International Conference on Smart Structures and Systems (ICSSS), December 12, 2025, 1–7.
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*Research
Innovation
Impact*



CONSULTANCY ACTIVITIES CARRIED OUT



KNOWLEDGE
SOLUTIONS



INDUSTRY
COLLABORATION



REAL-WORLD
IMPACT



SUSTAINABLE
GROWTH

RESEARCH
INNOVATION
IMPACT

6. Consultancy Activities Carried Out

S.No.	Name of the Faculty/ Consultants	Date	Department	Consultancy Project/Corporate Training Program	Consulting/ Sponsoring Agency	Revenue Generated in Rs.
1	Mr.R. Rajesh Kumar	25.02. 2026	Automobile	Charges for Automotive Technology Internship	Arul P, Gokulakrishnan P, Madhankumar G, Jagadees V, Mathivendhan P V	19,195
2	Mr.P.S. Sathish Kumar	25.02. 2026	Civil	Charges for Material Testing of Solid Hollow Block.	Premier Mil Pvt. Ltd., Udumalaipettai	1000
3	Dr.B.Saravanakumar	23.02. 2026	Science and Humanities	Charges received from Mr.V.Gopinath	Dr. NGP Arts and Science College, Coimbatore	2700
4	Dr.B.Saravanakumar	23.02. 2026	Science and Humanities	Charges received from Mr.K.Gopalakrishnan	Dr.NGP Arts and Science College, Coimbatore.	3600
5	Mr.A.Manikandan	18.02. 2026	Civil	Charges for Cube Testing	Ms. R.Prabharani, Pollachi	1000
6	Dr.B.Saravanakumar	18.02. 2026	Science and Humanities	Charges received from Dr.A.Saranya	Veltech, Chennai.	2800
7	Dr.Rama Thirumurugan	16.02. 2026	Mechanical	Charges for Static Strength & fatigue Test	Sakthi Auto Component Ltd, Perundurai.	346400
8	Mr.S.Dineshkumar, Dr. S.Syed Masoodhu, Ms.S.Sharmila, Mr.M. Sudharsan	12.02. 2026	Civil	Charges for Material Testing	The Commissioner, Valparai Municipality, Valparai.	23000
9	Dr.N.Natarajan, Mr.S.Dineshkumar,	09.02. 2026	Civil	Charges for third Party Inspection of Restoration of BT Surface, Pollachi	The Commissioner, Pollachi Municipality, Pollachi.	2500
10	Dr.N.Natarajan, Mr.S.Dineshkumar,	07.02. 2026	Civil	Charges for Material Testing	The Municipality Engineer, Valparai.	10000
11	Mr.R. Rajesh Kumar	30.01. 2026	Automobile	Charges for Automotive Technology Internship	Mr.Gokulakrishnan, Pollachi.	3839
12	Mr.R. Rajesh Kumar	30.01. 2026	Automobile	Charges for Automotive Technology Internship	Internal Students	3839
13	Mr.R. Rajesh Kumar	28.01. 2026	Automobile	Charges for Automotive Technology Internship	Mr.Sursh Ram, Pollachi.	3839
14	Mr.S.Dineshkumar, Dr. S.Syed Masoodhu, Ms.S.Sharmila	27.01. 2026	Civil	Charges for Material Testing.	The Municipality Engineer, Valparai.	10000
15	Mr.A.Manikandan	23.01. 2026	Civil	Charges for Material Testing.	M/s. Premier Mills, Udumalaipettai	1000

6. Consultancy Activities Carried Out

S.No.	Name of the Faculty/Consultants	Date	Department	Consultancy Project/Corporate Training Program	Consulting/ Sponsoring Agency	Revenue Generated in Rs.
16	Dr.P.S.Kothai, Mr.S.Dineshkumar, Dr. S.Syed Masoodhu, Ms.S.Sharmila	22.01. 2026	Civil	Charges for Material Testing of Bitumen Emulsion	The Municipality Engineer, Valparai.	10000
17	Mr.S.Dineshkumar, Dr. S.Syed Masoodhu, Ms.S.Sharmila	22.01. 2026	Civil	Charges for third Party Inspection of noon meal center	The Municipality Engineer, Valparai.	18000
18	Mr.P.S. Sathish Kumar	21.01. 2026	Civil	Charges for Material Testing of Solid Hollow Block.	Sri Lakshmi Trading of Hollow Block, Udumalaipettai.	1000
19	Dr.B.Saravanakumar	21.01. 2026	Science and Humanities	Charges received from Mr.Godwin.	Loyola College, Chennai.	4700
20	Mr.P.S. Sathish Kumar	19.01. 2026	Civil	Charges for Material Testing of M30 Grade Concrete Testing.	Shree Sayee Associates, Tirupur.	1000
21	Mr.P.S. Sathish Kumar	19.01. 2026	Civil	Charges for Material Testing of M30 Grade Concrete Testing.	Shree Sayee Associates, Tirupur.	1000
22	Mr.A.Manikandan	19.01. 2026	Civil	Charges for Material Testing	R. Subramaniam, Udumalai.	1000
23	Dr.N.Natarajan, Mr.S.Dineshkumar, Mr.P.Sakthivel	29.12. 2025	Civil	Charges for Third Party Inspection of road & Shopping Mall	The Commissioner, Chinnamamur	29000
24	Mr.A.Manikandan	04.12. 2025	Civil	Charges for Material testing.	M/s. Premier Mills Pvt. Ltd., Udumalai	2000
25	Dr.L.Chitra, Mr.D.Saravanaraj, Mr.M.Anburaj	03.12. 2025	Electrical and Electronics	Charges for Thermography Test	Adayar Gate Hotels Ltd.	10000



INDUSTRY
CONNECT



REAL-WORLD
SOLUTIONS



SUSTAINABLE
IMPACT



KNOWLEDGE
FOR TOMORROW

PH.D. SCHOLARS & SUPERVISORS



RESEARCH
SCHOLARS



EXPERIENCED
SUPERVISORS



INNOVATIVE
RESEARCH



A STRONGER
TOMORROW

*“Research
Guidance
Creates
Future Leaders”*



KNOWLEDGE
CREATES
OPPORTUNITIES



MENTORSHIP
BUILDS
EXCELLENCE



RESEARCH
DRIVES
SOCIETAL IMPACT

7. Ph.D. SCHOLARS & SUPERVISORS



07
 Research centres



45
 Supervisors



119
 Completed Scholars



177
 Ongoing Scholars

S.No.	Name of the Department	No. of Internal Scholars	No. of External Scholars	Total No. of Ongoing Scholars
1.	Department of Automobile Engineering	9	1	10
2.	Department of Civil Engineering	9	5	14
3.	Department of Mechanical Engineering	9	8	17
4.	Department of Information Technology	16	1	17
5.	Department of Computer Science and Engineering	20	16	36
6.	Department of Artificial Intelligence and Data Science	12	-	12
7.	Department of Artificial Intelligence and Machine Learning	14	-	14
8.	Department of Electronics and Communication Engineering	13	7	20
9.	Department of Electrical and Electronics Engineering	12	8	20
10.	Department of Electronics Engineering (VLSI Design and Technology)	3	-	3
11.	Department of Electronics Communication (Advanced Communication Technology)	4	-	4
12.	Master of Computer Applications	3	-	3
13.	Department of Science and Humanities	7	-	7
Total		133	44	177

S.No.	Name of the Department	No. of Supervisors
1.	Department of Information Technology	4
2.	Department of Computer Science and Engineering	4
3.	Department of Electrical and Electronics Engineering	6
4.	Department of Electronics Engineering (VLSI Design and Technology)	1
5.	Department of Electronics and Communication Engineering	6
6.	Department of Mechanical Engineering	7
7.	Department of Automobile Engineering	4
8.	Department of Civil Engineering	2
9.	Department of Artificial Intelligence and Data Science	2
10.	Department of Artificial Intelligence and Machine Learning	2
11.	Master of Computer Applications	1
12.	Department of Science and Humanities	5
Total No. of Supervisors		45

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A Better
Tomorrow*

Ms.G.Sathya

Full Time Ph.D. Scholar

Department of Electronics and Communication Engineering,
MCET

under the Supervision of

Dr.V.K.Sudha

Professor & Head, ECE, MCET

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PROGRESS



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TOMORROW

AWARDS & RECOGNITIONS

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IN RESEARCH, INNOVATION AND BEYOND



*Achievements
today
for a brighter
tomorrow*

8. Awards & Recognitions Journal Publications

MCET Dr. MAHALINGAM
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Uthamalai Road, Pollachi, Coimbatore District 642003
Estd. 1998 | AICTE Approved | Affiliated to Anna University
An Autonomous Institution



Office of Dean
Research & Innovation

Congratulations

Published a Paper in
Scopus Journal



Journal of Nano- and
Electronic Physics

Sumy State University Publication

MCET Dr. MAHALINGAM
COLLEGE OF ENGINEERING AND TECHNOLOGY
Uthamalai Road, Pollachi, Coimbatore District 642003
Estd. 1998 | AICTE Approved | Affiliated to Anna University
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Congratulations

Published a Paper in
Q1 Journal



Ain Shams Engineering Journal

ELSEVIER Publication

Impact Factor - 5.9

MCET Dr. MAHALINGAM
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Congratulations

Published a Paper in
Q1 Journal



Humanities and Social Sciences
Communications

SN SPRINGER NATURE Publication

Impact Factor - 3.7

MCET Dr. MAHALINGAM
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Congratulations

Published a Paper in
SCIE Journal



Published a Paper in
Q1 Journal



Congratulations

Published a Paper in
Q1 Journal



Chemical Engineering and Processing -

MCET Dr. MAHALINGAM
COLLEGE OF ENGINEERING AND TECHNOLOGY
Uthamalai Road, Pollachi, Coimbatore District 642003
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Congratulations

Published a Paper in
SCIE Journal



Mathematics

MDPI Publication

Impact Factor - 2.2

MCET Dr. MAHALINGAM
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Congratulations

Published a Paper in
Q1 Journal



Journal of Adhesion
Science and Technology

Taylor & Francis Publication

Impact Factor - 3.7

MCET Dr. MAHALINGAM
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Office of Dean
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Congratulations

Published a Paper in
SCIE (Q2) Journal



Landscape and Ecological
Engineering

Springer Publication

Impact Factor - 2.0

8. Awards & Recognitions

Journal Publications

Office of Dean Research & Innovation Congratulations Published a One More Paper in this Q1 Journal  Dr. T. Saravada Kannan Associate Professor - Research Department of Automobile Engineering  Chemical Engineering and Processing - Process Intensification ELSEVIER Publication Impact Factor - 3.9	Office of Dean Research & Innovation Congratulations Published a Paper in SCIE (Q2) Journal  Ms. S. Thilagavathi Assistant Professor (SR) Department of Automobile Engineering  Telecommunication Systems Springer Publication Impact Factor - 2.3	Office of Dean Research & Innovation Congratulations Published a Paper in Q1 Journal  Dr. M. Sakthimohan Associate Professor Department of E2 (C142)  Informatics for Health and Social Care Taylor & Francis Publication Impact Factor - 2.4
Office of Dean Research & Innovation Congratulations Published a Paper in SCIE (Q2) Journal  Dr. P. Ponni Assistant Professor (SR) Information Technology  Iranian Journal of Science and Technology, Transactions of Electrical Engineering Springer Publication Impact Factor - 1.4	Office of Dean Research & Innovation Congratulations Published a Paper in SCIE (Q2) Journal  Dr. D. Sivaganesan Professor & Head Computer Science and Engineering  SN Computer Science SN SPRINGER NATURE Publication	Office of Dean Research & Innovation Congratulations Published a Paper in Q1 Journal  Dr. M. Jayaraj Assistant Professor (SR) Mechanical Engineering  Journal of Thermoplastic Composite Materials Impact Factor - 3.4    Dr. S. Parveen Visiting Scientist SR - W08 (A) Dr. D. Shanmugam Professor & Head Automobile Engineering Dr. P. Haribara Sakthi Sudhan ASP (Research) Mech
Office of Dean Research & Innovation Congratulations Published a Paper in Q1 Journal  Dr. N. Natarajan Professor Civil Engineering  Stochastic Environmental Research and Risk Assessment WILEY Publication  Dr. S. Syed Masoodhu Assistant Professor (SR) Civil Engineering	Office of Dean Research & Innovation Congratulations Published a Paper in SCIE (Q2) Journal  Dr. M. Karthikeyan Associate Professor (SR) Department of Automobile Engineering  Dr. S. Shanmugam Associate Professor Department of Automobile Engineering  Dr. J. Jeyaraj Associate Professor Department of Automobile Engineering  Journal of Materials Science: Materials in Electronics	Office of Dean Research & Innovation Congratulations Published a Paper in Q1 Journal  Dr. P. Haribara Sakthi Sudhan Associate Professor - Research Department of Mechanical Engineering  Polymer Composites WILEY Publication Research Innovation Impact

8. Awards & Recognitions

Journal Publications

Dr. MAHALINGAM
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Office of Dean
Research & Innovation

Congratulations

Published a Paper in
Q1 Journal



Mr. P. Kathirvel
Assistant Professor (S&T)
Electronic & Communications
(S&T)



Dr. M. Kallamoorthy
Professor
Electrical & Electronics
Engineering

**Sustainable Computing:
Informatics and Systems**

ELSEVIER Publication

Impact Factor - 5.7

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Congratulations

Published a Paper in
SCIE Journal



Dr. T. Saravanan Kannan
Associate Professor - Research
Department of Automobile
Engineering

Biofuels

Taylor & Francis
Publication

Impact Factor - 2.6

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Congratulations

Published a Paper in
Q1 Journal



Dr. S. Senthil Kumar
Associate Professor - Research
Department of Automobile
Engineering



Dr. A. Senthil Kumar
Associate Professor - Research
Department of Automobile
Engineering



Dr. V. Senthil Kumar
Associate Professor - Research
Department of Automobile
Engineering



Dr. R. Senthil Kumar
Associate Professor - Research
Department of Automobile
Engineering

Scientific Reports

Nature Publishing Group

Impact Factor - 3.8

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Congratulations

Published a Paper in
Q1 Journal



Dr. P. Haritha Sakthi Sudhan
Associate Professor - Research
Department of Mechanical
Engineering

**Journal of Materials Research
and Technology**

ELSEVIER Publication

Impact Factor - 6.6

Congrats!

Office of Dean Research and Innovation

Certificate of Grant for Utility Patent

Title
"An Arrangement for detecting Surface defects
Engine position and method Thereof"

Patent No. : 580527

DATE OF GRANT:
12.03.2026

INVENTORS



Dr. S. Anthony Jesudoss
Assistant Professor (S&T) - ECE



Dr. T. Ramesh Kumar
Associate Professor - Mech



Dr. V. K. Sathya
Professor & HOD - ECE



Dr. V. Regina Dely
Assistant Professor (S&T) - ECE



Dr. V. Vinodhini
Associate Professor - S&T

Congrats!

Office of Dean Research and Innovation

Certificate of Grant for Utility Patent

Title
"Automated Gender-Based Access Control System
for Public Women-Only Spaces"

Patent No. : 582972

DATE OF GRANT:
12.03.2026

Patentee:

INVENTORS



Dr. A. Senthil Kumar
Associate Professor - ECE



Dr. K. Sathish
Associate Professor - Research &
Professor - ECE



Dr. R. Senthil Kumar
Associate Professor - ECE



Dr. N. Senthil Kumar
Associate Professor - ECE

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Congratulations



Dr. P. Haritha Sakthi Sudhan
Associate Professor - Research
Mechanical Department - MCET

"Among 210 candidates, he has successfully qualified."

PATENT AGENT EXAMINATION - 202

Controller
General of Patents,
Designs & Trade Marks
Intellectual Property India

8. Awards & Recognitions

Office of Dean - Research & Innovation
Congratulations for Ph.D. admission in Anna University
January 2026
Total - 24 Scholars

Full-time Scholars

Financial Support Provided by MCET



Ms. S. Jayasudha
Guide: Dr. L. Chitra
Prof./EEE



Ms. K. Kokila
Guide: Dr. M. Mariappan
ASP/Civil



Mr. M. Vasanth
Guide: Dr. M. Jayaraj
AP(SG)/Mech

Stipend of Rs. 25,000/- per month



Ms. M. Nivetha
Guide: Dr. N. Saravanakumar
Prof./ECE



Ms. S. Kavitha
Guide: Dr. N. Saravanakumar
Prof./ECE

Stipend of Rs. 38,750/- per month

Part-time Scholars - Internal



Ms. M. Malarkodi
CSE



Mr. S. Nagarajan
CSE



Mr. R. Govindaraj
AI&ML



Ms. V. P. Sushma
AI&DS



Mr. C. Thirunavukarasu
AI&DS



Ms. K. Tamilasvi
AI&DS



Mr. M. Ganeshan
CYS



Ms. V. Shanmugavani
CYS



Ms. S. Saranya
CYS



Ms. M. Jeevin Benita
Ponnarasi/CYS



Ms. E. Gayathiri
CYS



Ms. B. Senbagam
ECE



Ms. R. Pavithra
ECE



Ms. S. Jeya nandhini
VLSI
One Time Incentive of
Rs. 3 Lakhs after
Phd Completion under
Visvesvaraya PhD Scheme

Part-time Scholars - External



Mr. K. Panneerselvam
Mech



Mr. S. Chellapandian
Mech



Mr. M. K. Ramanan
Mech



Ms. S. Vigneshwari
CSE



Ms. G. Anitha
CSE



Office of Dean Research and Innovation

Congratulations!



Dr. K. Sathishkumar,
Associate Dean - Student Research & Prof. JCE
for Successful guidance of
Ph.D. Scholar



Dr. T. Sathiyapriya, AP(SI)/VCE
for Successful completion of
Ph.D.

AU Ref. No.: 2340376

RESEARCH AREA: DATA
COMPRESSION, MACHINE
LEARNING, BIOMEDICAL IMAGE
PROCESSING, IMAGE ANALYSIS,
COMMUNICATION SYSTEMS

University: Anna University
Faculty: Information and
Communication Engineering

THESIS TITLE: CERTAIN
INVESTIGATIONS ON RECTENNA
DESIGN FOR RF ENERGY HARVESTING
APPLICATIONS

DATE OF VIVA VOCE
22.01.2026

Office of Dean Research & Innovation

Congratulations!



SUPERVISOR
Dr. N. Saravanakumar,
Professor/ECE
MCET
AU REF.NO.: 2740156
Research Area
Analog IC Design, Digital IC Design, Mixed
Signal Circuit Design, Antenna Design,
Image Processing

for Successful guidance of Ph.D. Scholar

Name of the Scholar: Dr. K. Sedhuramalingam
University: Anna University Reg. No.: 17143697189
Faculty: Electrical Engineering
Thesis Title: Enhancing Intrusion Detection Using Optimal Deep
Learning Approach in Wireless Sensor Networks

DATE OF VIVA VOCE
23.01.2026

Office of Dean Research & Innovation

Congratulations!



SUPERVISOR
Dr. Rama Thirumugan,
Professor & Head,
Mechanical Engineering
AU REF.NO.: 2020359
Research Area
Gear Engineering, Composite Materials,
Finite Element Analysis,
Fatigue and Fracture Studies,
Activated Carbon Processing

for Successful guidance of Ph.D. Scholar

Name of the Scholar: Dr. M. Muthuraj
University: Anna University Reg. No.: 1512269246
Faculty: Mechanical Engineering
Thesis Title: Experimental Investigation of Titanium Oxide Coating
on Magnesium Alloy using the High Velocity Oxy Fuel Method

DATE OF VIVA VOCE
24.01.2026

8. Awards & Recognitions Ph.D.

Dr. MAHALINGAM
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Office of Dean - Research & Innovation
Congratulations!!!



**Anna University
 Recognized
 Supervisor**

Dr. H.S. Venkatesan
 Assistant Professor (SG)
 Electronics & Communication
 Engineering
 Dr.MCET

Ref. No.: 1690031
 Area of Specialization: VLSI (Analog
 and Digital), Communication



Dr. MAHALINGAM
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Office of Dean
 Research & Innovation
Congratulations



Dr. N. Karthikeyan, AP(SS)/SGH-Physics
 for Successful completion of Ph.D.

University : Bharathiar University
 Faculty: Department of Physics
 Thesis Title: Synthesis and Electrochemical Performance of
 BiO₂ - based Nanocomposites For Supercapacitor Applications

DATE OF COMPLETION: 02.01.2026

Dr. MAHALINGAM
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Office of Dean
 Research & Innovation
Congratulations



Dr. K. Senbaga Priya, AP/SGH-Maths
 for Successful completion of Ph.D.

University : Bharathiar University
 Faculty: Department of Mathematics
 Thesis Title: Theoretical Advancements and Algorithmic
 Frameworks in Spectral Fuzzy Graphs for Network Analysis

DATE OF COMPLETION: 15.12.2025

Office of Dean
 Research & Innovation
Congratulations



Dr. T. Sathesh Kumar AP (SS)/ EEE
 for Successful completion of Ph.D.

University : Anna University
 Faculty: Electrical Engineering
 Thesis Title: Optimal Design and Economic Viability of Hybrid
 Microgrid Systems for Smart Cities in Tamil Nadu

DATE OF COMPLETION: 05.12.2025

Office of Dean
 Research & Innovation
Congratulations



Dr. K. Subramanian, Associate Librarian
 for Successful completion of Ph.D.

University : Bharathiar University
 Faculty: Department of Library & Information Science
 Thesis Title: Impact and Role of Digital Resources in Teaching
 and Learning on Engineering Education at Coimbatore District

DATE OF COMPLETION: 13.03.2026

Seed Money In-House R&D Project

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Office of Dean - Research & Innovation
Hearty Congratulations
 On the Successful Completion & Deployment of
 Seed Money In-House R&D Project at MCET

Faculty Mentor:   
 Ms. M. Jothirani
 AP CSE (Cyber Security) 72752385C445
 Mr. N. S. Mahanarayanan
 72752385C445
 Mr. K. Gokulakrishnan
 72752385C445

Student Team
 (Cyber Security)

Project Title
 Atlas - Autonomous AI Robot

Highlights of the Project:

- Voice-Assisted AI Chatbot
- 24/7 Intelligent Support
- Smart, Interactive & Engaging
- 100% Local Production at MCET
- AI-Powered Campus Guide



8. Awards & Recognitions

Funding Projects

Congratulations!!

MCET Proudly congratulates the project team for the approval of the project titled

"INDIGENOUS VEGA CPU BASED RENEWABLE ENERGY POWERED DC FAST CHARGER"



Dr. K. Vijayakumar
Associate Dean Academics



Dr. K. Rameshkumar
Associate Professor/EEE



Mr. P. Kathirvel
Asst. Prof. (SG)/EC[ACT]



Coordinating Towards Progress....

2025 - 2026

8. Awards & Recognitions Student Research Council (SRC)

Student Research Council

Congratulations!

DEPARTMENT

**LATHA ASHITA P
RENITHI S
RUETHA V
HARI DHANYA SRI S**

3rd year VLSI

have secured the First Prize with a cash award of ₹20,000 in the prestigious MEDHA26 - 24 Hours National Level Hackathon Event conducted by MKumaraswamy College of Engineering, Karur.

STUDENT RESEARCH COUNCIL - BHIMET
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Congratulations!

**SMART INDIA HACKATHON 2025
SHORTLISTED TEAM**

Hari Prasath P
727623BAD012

Dakshitha S
727623BAD004

Magudeshwaran K
727623BAD100

Dharshini S
727623BAD022

Boopathi S
727623BAD030

Dharani T
727624BAD052

Guide: Dr.R.Ranjana, Associate professor, AI & DS

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Software Edition

Hack for BHARAT, Build for the World

GRAND FINALE 2025
December 6-9

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**Energy Manager
Topper**

All India Rank 7

Dr. S. AYYAPPAN
ASSOCIATE PROFESSOR
DEPARTMENT OF MECHANICAL ENGINEERING

ONLY ACADEMICIAN TO SECURE A TOP-10 RANK

25th National Level Examination Conducted by

Bureau of Energy Efficiency
Ministry of Power, Government of India

NATIONAL PRODUCTIVITY COUNCIL

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Office of Dean
Research & Innovation

Congratulations

PRO600
PUBLISHED YOUR PROJECT OUTCOMES

Project Title: *Protein-cement, reusable learning and grey-well optimization of open-circuit traction free metal technology*

First Research Outcome of PRO600: *SCIE(Q2) Journal*

International Journal on Interactive Design and Manufacturing

Springer Publication
Impact Factor: 2.5
February, 2026

Dr. P. Hariharan Sakthi Sudhan
Associate Professor - Research
Department of Mechanical Engineering

IV Year - Mechanical Engg.
Mohamed Fasil Kale Mydeen
Sridhar Raj Subramaniam
Vishnu Chitravel

OFFICE OF DEAN - RESEARCH & INNOVATION

CONGRATULATIONS!!

MCET Proudly congratulates the project team for the approval of the project titled

"Low-Cost Smart DC Fast Charger for Two-Wheeler Electric Vehicles with Integrated Payment and Authentication"

Dr.M.Kaliamoorthy
Professor /EEE
Principal Investigator

Dr.K. Rameshkumar
Associate Professor/EEE
Co-Principal Investigator

Funding Agency

ACITE

Funding Scheme
AICTE Research Promotion Scheme (RPS) - Lab to Market

Project sanctioned amount / **Rs.29.5 Lakhs**

Project Duration / **3 Years**

Industry Collaborator / **Taark Electric Vehicles & Equipments Pvt. Ltd, Coimbatore**

Coordinating Towards Progress... 2025 - 2026

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Congratulations

**Successfully Qualified for the
ENERGY MANAGER CERTIFICATION**

by

Bureau of Energy Efficiency
Ministry of Power, Government of India

Dr. S. UMAMAKESHWARI
ASSOCIATE PROFESSOR
DEPARTMENT OF AI & DS

Dr. S. AYYAPPAN
ASSOCIATE PROFESSOR
DEPARTMENT OF MECHANICAL ENGINEERING

Successfully Completed Two Papers

Dr. S. R. ARJUN
ASSOCIATE PROFESSOR
DEPARTMENT OF AI & DS

Dr. MAHALINGAM
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Certificate of Recognition

**JUNIOR PENETRATION TESTER
CERTIFICATE**

by

INE SECURITY

Saravana Kumar
eJPT
Junior Penetration Tester

MRS.SARAVANA KUMAR
ASSOCIATE PROFESSOR AND
DEPARTMENT OF COMPUTER SCIENCE & AI
(ENGINEERING DESIGN SECURITY)

Dr. MAHALINGAM
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Certificate of Recognition

EDITOR SERVICE CERTIFICATE

**International Journal of Polymer Science
&
Advances in Polymer Technology**

by

WILEY

Dr. P. HARIHARAN SAKTHI SUDHAN
ASSOCIATE PROFESSOR AND
DEPARTMENT OF MECHANICAL ENGINEERING

8. Awards & Recognitions

NPTEL Awards – Faculty Members



8. Awards & Recognitions

NPTEL Awards



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SWAYAM-NPTEL Examination Results - July to Dec 2025

Toppers

Includes all category

31

387

Elite

Elite+Gold

103

285 Successfully Completed

Elite+Silver

121

Staff & Students
89 + 807

Dr. MAHALINGAM
NPTEL
Course Completion
Count : **896**

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NPTEL
CONGRATULATIONS!

NPTEL DISCIPLINE STARS (JULY - DEC 2025)

Dr. P.A. PERIASAMY,
Professor, S&H

Dr. M. MARIAPPAN,
Associate Prof. CIVIL

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OFFICE OF DEAN - RESEARCH & INNOVATION

NPTEL
CONGRATULATIONS!

TOP PERFORMING MENTORS (JULY - DEC 2025)

T. SUMATHI,
APUSO, IT
Introduction to Industry 4.0 and Industrial Internet of Things

S. SELVANAYAGI,
APUSO, IT
Introduction to Industry 4.0 and Industrial Internet of Things

G. SARANYA,
APUSO, IT
Management Information Systems

G. KEERTHIKA,
APUSO, IT
Management Information Systems

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CONGRATULATIONS!

TOP PERFORMING MENTORS (JULY - DEC 2025)

R. MUTHURAMAN,
APUSO, EEE
Introduction to Internet of Things

J. ARTHUR V. ANANTH,
APUSO, EEE
Electronic Systems Design: Hands-on Circuits and PCB Design with CAD Software

A. RAMKANDAN,
APUSO, CIVIL
Building Materials as a Contribution to Sustainability

C. THIRUNAVUKKARASU,
AP, AIHS
Management Information Systems

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8. Awards & Recognitions







Dr. MAHALINGAM
COLLEGE OF ENGINEERING AND TECHNOLOGY
Established in 1984 at the Mahalingam Institute Since 1973
PILAIYAKOTTA, CHENNAI-600 093

OFFICE OF DEAN - RESEARCH & INNOVATION

Congratulatory!
Faculty Achievements in

NPTEL ONLINE COURSE - JULY - DEC 2025



Dr. P. NARASIMHAN SANKARANARAYANAN
Professor of ECE
Managing Information
Systems in Universities
ECE - Fellow



Dr. PRAVEEN K. KUMAR KUMAR
Introduction to Graph
Algorithms
ECE - Fellow



Dr. SAMPATHKUMAR RAJAN
Technical Communication
for Engineers
ECE - Fellow



Dr. VIGNESH
Systems Design
Through Verilog
ECE - Fellow



Dr. P. GOPALAKRISHNA
Python for Data
Science
ECE - Fellow



2706



3

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NPTel ONLINE COURSE - JULY - DEC 2025



Dr. B. CHANDRASEKHAR
Python for Data Science
5 Stars - 4 Reviews



Dr. P. RAGHUNATHA SANKETHA MURTHY
Pattern Drafting for Beginners
5 Stars - 52 Reviews



Dr. A.V. GANESAPRASAD
Pattern Drafting for Beginners
5 Stars



Dr. RAVINDRA MURAR
Introduction to Systems
5 Stars



E. RANGANATHA MURTHY
Business Analytics and IP Strategy
5 Stars

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NPTL ONLINE COURSE - JULY - DEC 2025



P.S. NATHESH KUMAR
Building Materials and
Composites
Editor



N. INJAMODHARAN
Python for Data
Science
Editor



M. MAHENDRAN
Product Design using
Value Engineering
Editor



K. SARANYA
Introduction to Machine
Learning - 177602P
Editor




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Dr. P. RAMAKRISHNA NAKTREMURIDAN
Topper of 2%
Purest Law for Engineers and Scientists
Elite+Silver



Dr. K. KALANDRENI
Essential Mathematics for Machine Learning
Elite+Silver



S. CHITRA
Essential Mathematics for Machine Learning
Elite+Silver



Dr. V. GURUNATHAN
Control Systems
Elite



Dr. M. KALARANI
Mathematical Methods and Its Applications
Elite



R. MAHESWARI
Advanced Mathematics for Machine Learning
Elite



R. VIDYANATHI
Essential Mathematics for Machine Learning
Elite



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DR. SREEJITH S NAIR
 Corrosion/Environmental
 Degradation/Surface Engineering
Elite + Silver



Dr. M. K. M. MOORTHY
 Modeling and FEM
 Resolution of Solar PV Cell
Elite



Dr. D. N. NAIR
 Machine Learning for Core
 Engineering Disciplines
Elite



M. GIDDEON GANESH
 Python for Data
 Science
Elite



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Topper of 2%
Elite + Gold

Dr. JANANI
Topper of 3%
Elite + Silver

A. SOUNDARAJA
Topper of 2%
Elite + Silver

J. DIVYANSHWARANI
Elite + Silver

G. KEERTHIKA
Elite + Silver

N. GOMATHI
Elite + Silver

NPTEL ONLINE COURSE - JULY - DEC 2025

 N. MENAKATH <i>Topper of 1%</i> Big Data Computing <i>4 Star - Gold</i>	 J. ARTHUR VANDANTH <i>Topper of 3%</i> Electronic Systems Design: Hands-on Circuits and PCB Design with CAD Software <i>3 Star - Silver</i>	 MEENAKSHI NAIR <i>Fourth rank of Additive Manufacturing Technologies</i> <i>4 Star</i>
 Dr. A. MEENAKSHI <i>Introduction to Large Language Models (LLMs)</i> <i>4 Star</i>	 P. KALAIJANI <i>Introduction to Large Language Models (LLMs)</i> <i>4 Star</i>	 Dr. D. PRAKASH <i>Energy Materials and Devices</i> <i>4 Star</i>

8. Awards & Recognitions

NPTEL Awards

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 Topper of 2%
 Public Speaking
 Elite+Silver

Dr. B.B. VENKATEAN
 Topper of 2%
 Introduction to
 Internet of Things
 Elite+Silver

P. SASEENDRAN
 Topper of 2%
 Cyber Security and
 Privacy
 Elite+Silver

R. SURESHKUMAR
 Topper of 2%
 Introduction to
 Machine Learning
 Elite+Silver

R. DEEPA ANANDH
 The Joy of Computing
 using Python
 Elite+Silver

S. KAVITHA
 Introduction to
 Internet of Things
 Elite+Silver

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S. SURESHKUMAR
 Topper of 2%
 Introduction to
 Internet of Things
 Elite+Gold

G. SARANYA
 Cyber Security and
 Privacy
 Elite

S. SURESHKUMAR
 Introduction to
 Machine Learning
 Elite

T. KANAGASARATHY
 Ethical Hacking
 Elite

R. SURESHKUMAR
 Introduction to
 Internet of Things
 Elite

M. RISHA
 Introduction to
 Machine Learning
 Elite

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 Ethical Hacking
 Elite+Silver

Dr. S. PONNI ALIAS SATHYA
 Ethical Hacking
 Elite

S.R. INDUREKKA
 Introduction to
 Machine Learning
 Elite

J. RINI ANGELE VINISHA
 Ethical Hacking
 Elite

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 TOPPERS

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 Ethical Hacking
 Elite+Gold

D. JANANI
 Topper of 2%
 Ethical Hacking
 Elite+Silver

P. RAJESWAR
 Topper of 2%
 Cyber Security and
 Privacy
 Elite+Silver

S. SUNDARIYA
 Topper of 2%
 Ethical Hacking
 Elite+Silver

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 Managing Intellectual
 Property in Universities
 Elite+Gold

N. SUMATHI
 Topper of 2%
 Big Data Computing
 Elite+Gold

Dr. R.S. VENKATEAN
 Topper of 2%
 Introduction to Internet of Things
 Elite+Silver

S. KISHANMANI
 Topper of 2%
 Introduction to Internet of Things
 Elite+Gold

S. SURESHKUMAR
 Topper of 2%
 Introduction to Machine Learning
 Elite+Silver

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 Topper of 2%
 Public Speaking
 Elite+Silver

Dr. P. HARIHARA SAKTHI SUDHAN
 Topper of 2%
 Patent Law for
 Engineers and Scientists
 Elite+Silver

Dr. R. BHUVANESWARI
 Topper of 2%
 English Language for
 Competitive Exams
 Elite+Silver

J. ARTHUR VASANTH
 Topper of 2%
 Electronic Systems Design: Hardware
 Circuits and PCB Design with CAD Software
 Elite+Silver

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TOP PERFORMING MENTORS (JULY - DEC 2025)

Dr. D. SIVAGANESAN
 Professor & HOD, CSE
 Psychology of Learning

T. KANAGASARATHY
 APNSO, CSE
 Psychology of Learning

S. SENTHIL PRABHU
 APNSO, CSE
 Psychology of Learning

K. PRABHU
 APNSO, CSE
 Psychology of Learning

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TOP PERFORMING MENTORS (JULY - DEC 2025)

R. SUGANYA
 APNSO, CSE
 Psychology of Learning

S. SUTHAVEL
 APNSO, CSE
 Building Materials as a
 Cornerstone to Sustainability

S. GAYATHRI
 AP, CSE
 Psychology of Learning

S. DIVYAPRIYA
 AP, CSE
 Psychology of Learning

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TOP PERFORMING MENTORS (JULY - DEC 2025)

Dr. N. SUBA RANI
 Associate Prof. CSE
 Psychology of Learning

S.C. LAVANYA
 APNSO, CSE
 Psychology of Learning

K. RADHA
 APNSO, CSE
 Psychology of Learning

A. JAYALAKSHMI
 AP, CSE
 Psychology of Learning

8. Awards & Recognitions



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Office of Dean - Research & Innovation Seed Money In-House R&D

Hearty Congratulations



Dr. N. Shanmuga Sundaram
 ASP/Mech



Dr. M. Jayaraj
 AP(SG)/Mech



Mr. J. Venkatesh
 AP(SS)/Mech



Mr. V. D. Tamilarasan
 AP(SS)/Auto



Ms. S. Sharmila
 AP/Civil



Dr. S. Bharathi
 ASP/ECE



Ms. S. Thilagavathi
 AP(SS)/ECE



Dr. S. Anthony Jesudurai
 AP(SG)/EEE



Mr. P. E. Kamalakkannan
 AP(SS)/EEE



Dr. A. Noble Mary Juliet
 Prof. /CSE



Dr. U. Barakkath Nisha
 Prof. /CSE



Dr. J. Bhavithra
 ASP/CSE



Mr. R. Prabhu
 AP(SS)/IT



Mr. J. Dhyaneswaran
 AP(SS)/IT



Mr. M. Arun
 AP(SS)/AI&DS



Ms. S. R. Indurekaa
 AP/AI&DS



Dr. B. Saravanakumar
 Prof. /Physics



Ms. S. Sathyapriya
 AP/MCA

Total Projects
18

Total Amount Sanctioned
Rs. 15,14,661



IDEAS
RESEARCH
INNOVATION
IMPACT

DISCOVER
DEVELOP
INNOVATE
TRANSFORM

R&I INITIATIVES



RESEARCH
FOR A BRIGHTER
TOMORROW



INNOVATION
FOR A STRONGER
WORLD



COLLABORATION
FOR GREATER
POSSIBILITIES



IMPACT
FOR A BETTER
SOCIETY



*From
Ideas to
Impact*

*Enlightening
Technical Minds*

9. R&I INITIATIVES

Office of Dean - Research & Innovation

Research Initiatives



Research & Collaboration Groups

1. Facilitation and integration of interdisciplinary **Research Interest Groups (RIGs)**
2. Promotion and institutional support of **Institution's Innovation Council (IIC)** activities
3. Guidance, coordination, and strengthening of **Student Research Council (SRC)** activities



Faculty & Scholar Development

4. Strategic enhancement of full-time research scholar intake
5. Strengthening the implementation and operational effectiveness of the **Research Faculty Scheme**
6. Organization of **Knowledge Sharing Sessions (KSS)** and advanced research seminars
7. Promotion of faculty participation in **NPTEL-SWAYAM** certification programmes
8. Enhancement of faculty engagement in **Faculty Development Programmes (FDPs)**
9. Facilitation of government recognition and empanelment for faculty consultancy services
10. Strengthening structured reward and recognition mechanisms for faculty research contributions
11. Augmentation of research support through enhanced access to print and e-journal resources



Research Review & Monitoring

12. Institution-wide coordination of all **NIRF** parameters and strategic initiatives to improve national ranking performance
13. Institutionalization of periodic and structured reviews of departmental R&I activities
14. Monitoring and evaluation of the periodic progress of Ph.D. faculty members
15. Review and monitoring of externally funded, in-house research, and consultancy projects
16. Coordination of affiliation, ranking, accreditation, and approval-related activities through **IQAC**
17. Devising faculty appraisal mechanisms and coordinating, verifying, and ensuring their systematic implementation



Research Incentives & Support

18. Implementation of structured incentive administration and performance evaluation frameworks under **RII1000, PRO600, SRO, and IP100**
19. Processing and administration of contingency grants to strengthen research infrastructure
20. Establishment and advancement of the **IPR Cell** through in-house capacity building with adequate technical support
21. Facilitating technology transfer, commercialization, and industry linkage for institutional research outcomes
22. Enabling faculty-led start-ups for innovation grants and consultancy through mentoring, coordination and registration support
23. Coordination of approval, monitoring, and review of faculty in-house R&D projects
24. Administration of revenue-sharing mechanisms for faculty consultancy activities



Research Communication & Publication

25. Publication of periodic faculty- and department-level R&I performance review reports
26. Development, maintenance, and regular updating of the **monthly research dashboard**
27. Periodic updating of research-related content on the institutional website
28. Publication and circulation of the institutional **R&I newsletter**
29. Proactive engagement with funding agencies and industries for opportunity identification, faculty assignment, proposal monitoring, and structured handholding of grant submissions
30. Development and publication of standardized research process **handbooks**
31. Design, implementation, and maintenance of R&I process workflows, templates, and formats
32. Creation, maintenance, and periodic updating of the **IRINS profile**
33. Preparation of comprehensive annual documentation of institutional R&I activities

DISCOVER
DEVELOP
INNOVATE
TRANSFORM



Enlightening
Technical Minds

Research
Innovation
Impact

RESEARCH HIGHLIGHTS

FIRST QUARTER 2026 (JANUARY – MARCH)

RESEARCH PUBLICATIONS SNAPSHOT

FIRST QUARTER 2026 (JANUARY – MARCH)

154 TOTAL PUBLICATIONS

89 JOURNALS

53% of total publications

44 CONFERENCES

29% of total publications

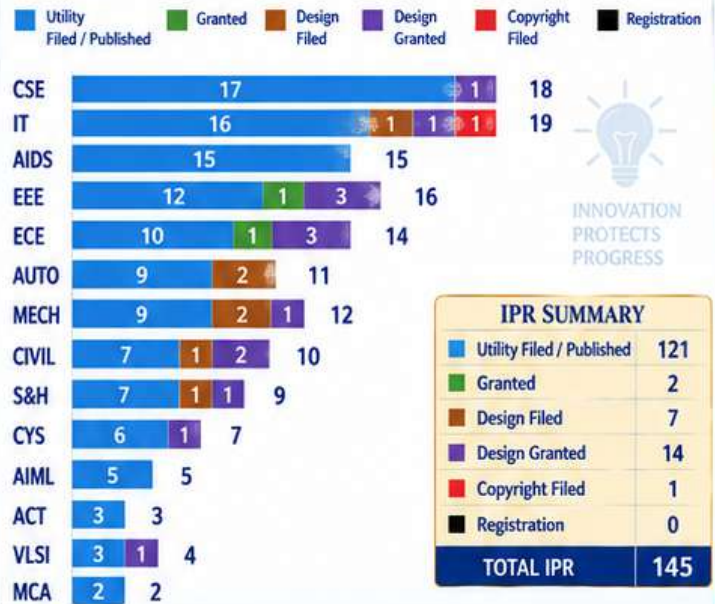
21 BOOKS CHAPTERS

19% of total publications

Journal Breakdown: Q1 – 23 | SCIE – 25 | Scopus – 41

INTELLECTUAL PROPERTY RIGHTS (IPR) OVERVIEW

FIRST QUARTER 2026 (JANUARY – MARCH)

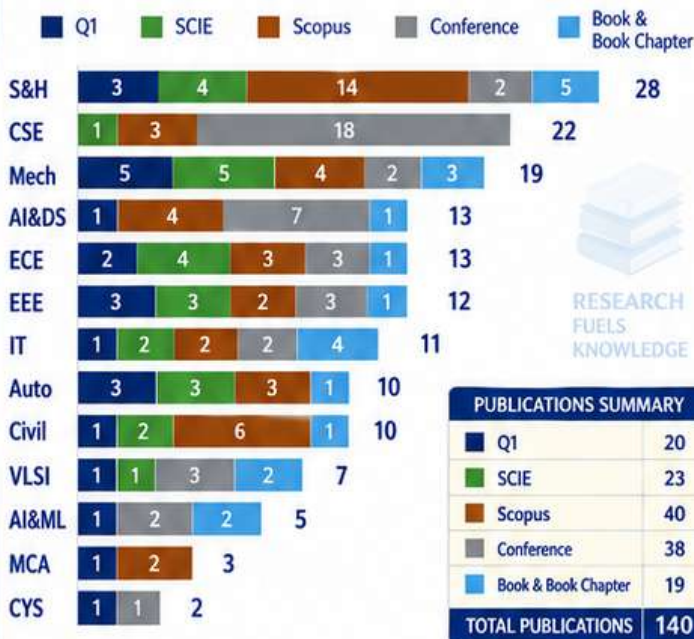


IPR SUMMARY

Utility Filed / Published	121
Granted	2
Design Filed	7
Design Granted	14
Copyright Filed	1
Registration	0
TOTAL IPR	145

RESEARCH PUBLICATIONS OVERVIEW

FIRST QUARTER 2026 (JANUARY – MARCH)



RESEARCH
FUELS
KNOWLEDGE

PUBLICATIONS SUMMARY

Q1	20
SCIE	23
Scopus	40
Conference	38
Book & Book Chapter	19
TOTAL PUBLICATIONS	140

*140 - Unique Total Count, 155 - Department-wise Total Count

IPR PERFORMANCE (JAN-MAR 2026)



IDEAS
PATENTS
PROTECTION
REAL IMPACT

145
IPR OUTPUT

16 GRANTED
Translating Innovation
into Recognized Assets



UTILITY

121 Filed / Published
2 Granted



DESIGN

7 Filed
14 Granted



COPYRIGHT

1 Filed

— Filed: 129 | Granted: 16 —



Office of Dean Research & Innovation



Consultancy Revenue of FY 2025 - 2026



Automobile
Engineering
Rs.49,907



Civil Engineering
Rs.4,72,099



Computer
Science and
Engineering
Rs.77,630



VLSI
Rs.19,068



Electrical and
Electronics Engineering
Rs.4,67,712



Science and
Humanities
Rs.2,01,586



Mechanical
Engineering
Rs.5,93,824

Total Revenue Generated
Rs.18,81,826

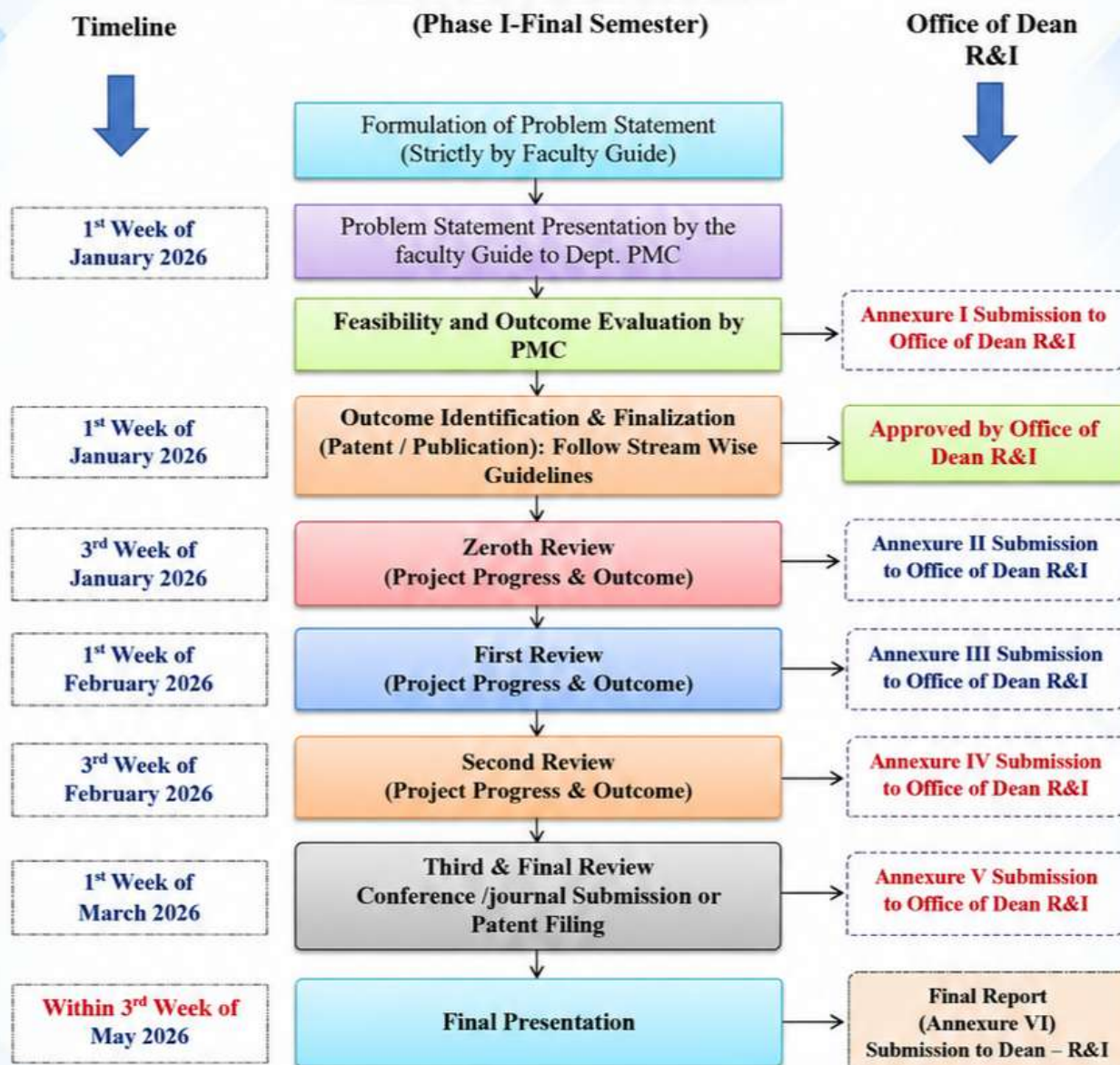


9.R&I INITIATIVES - Policy Document PRO600

Dr. Mahalingam College of Engineering and Technology
(An Autonomous Institution)
Office of Dean – Research and Innovation

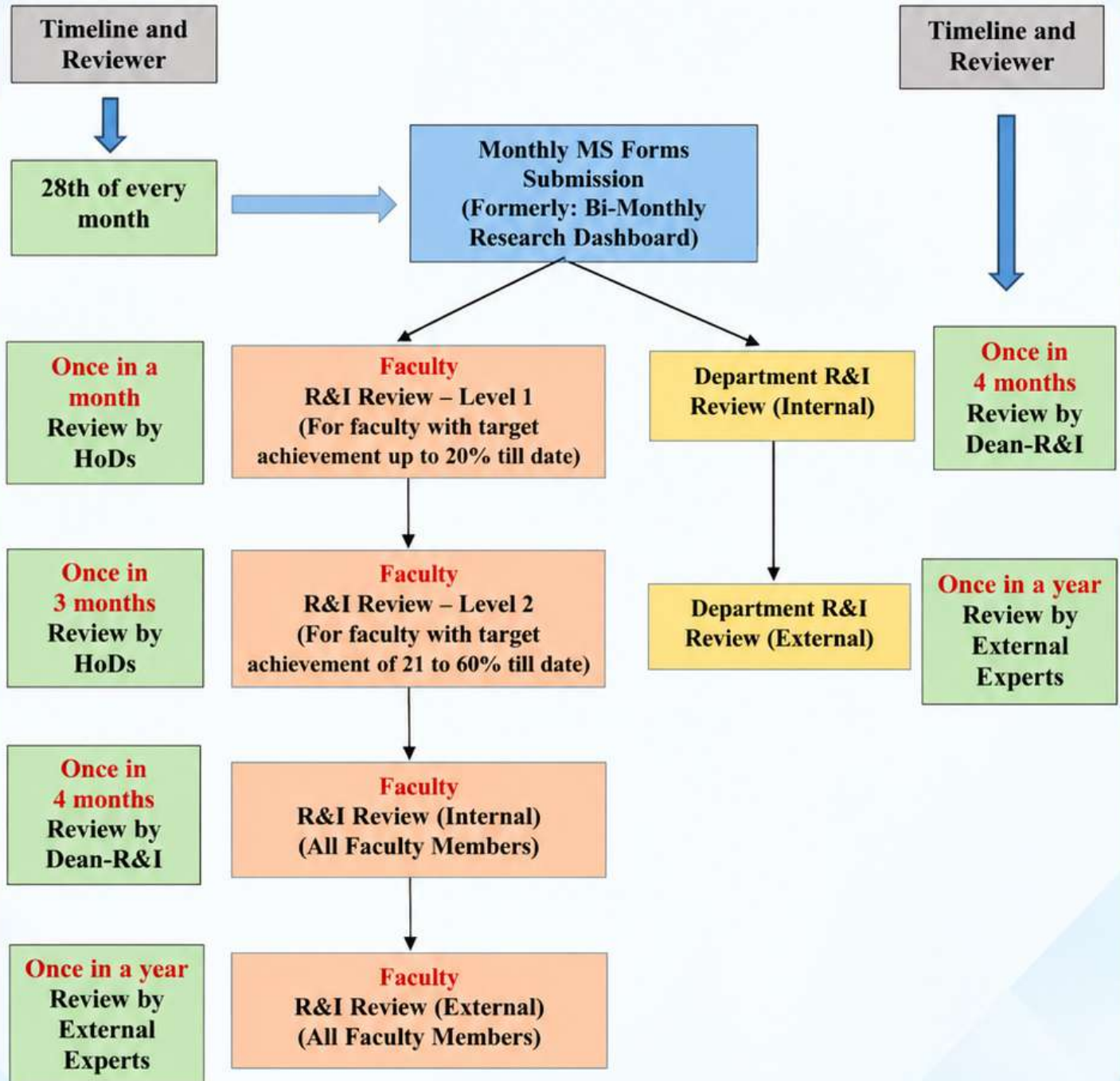
Project Implementation Flow

(Phase I-Final Semester)

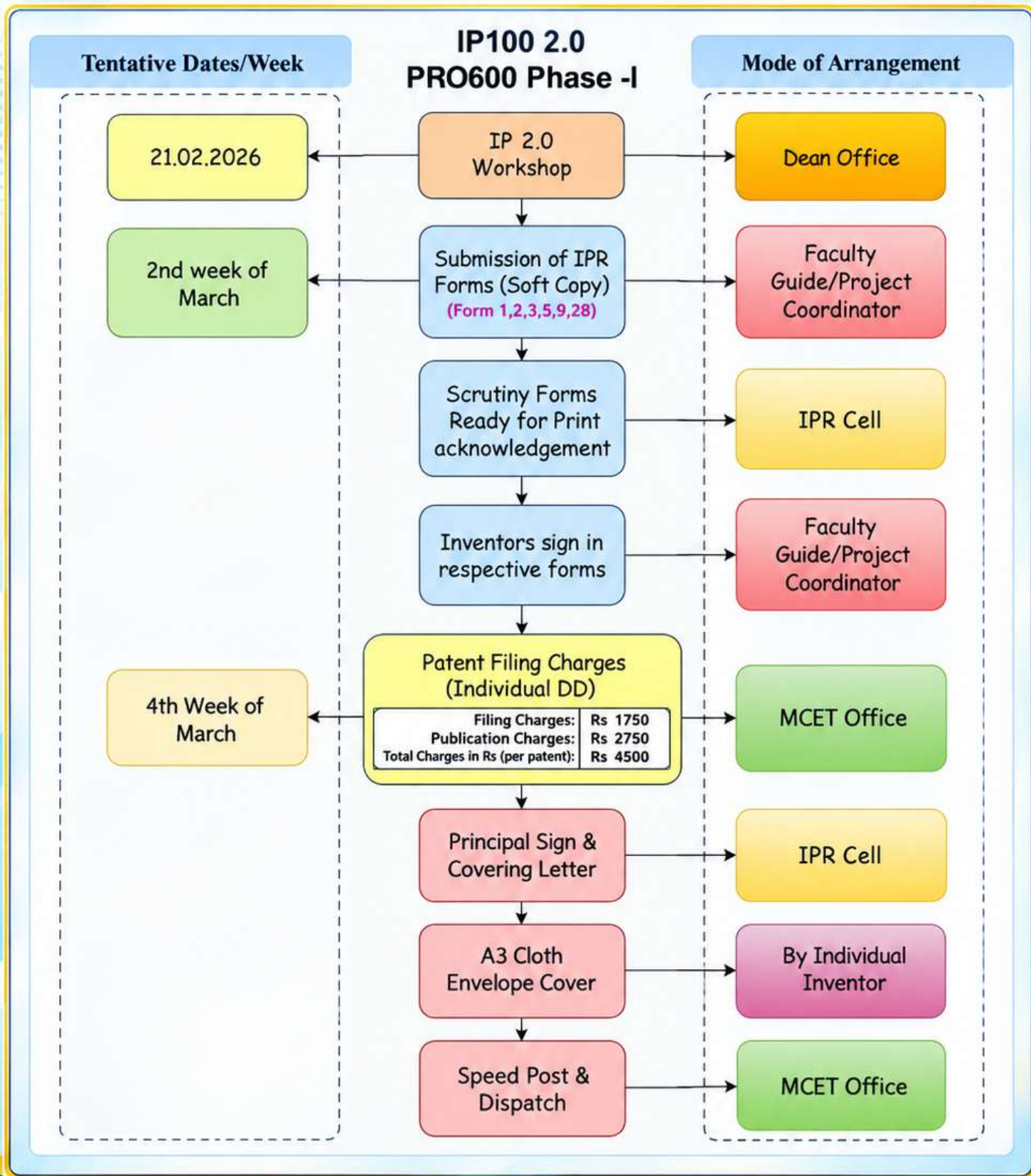


9.R&I INITIATIVES - RI 1000 Review Flow Mechanism

RI 1000 Review Flow Mechanism



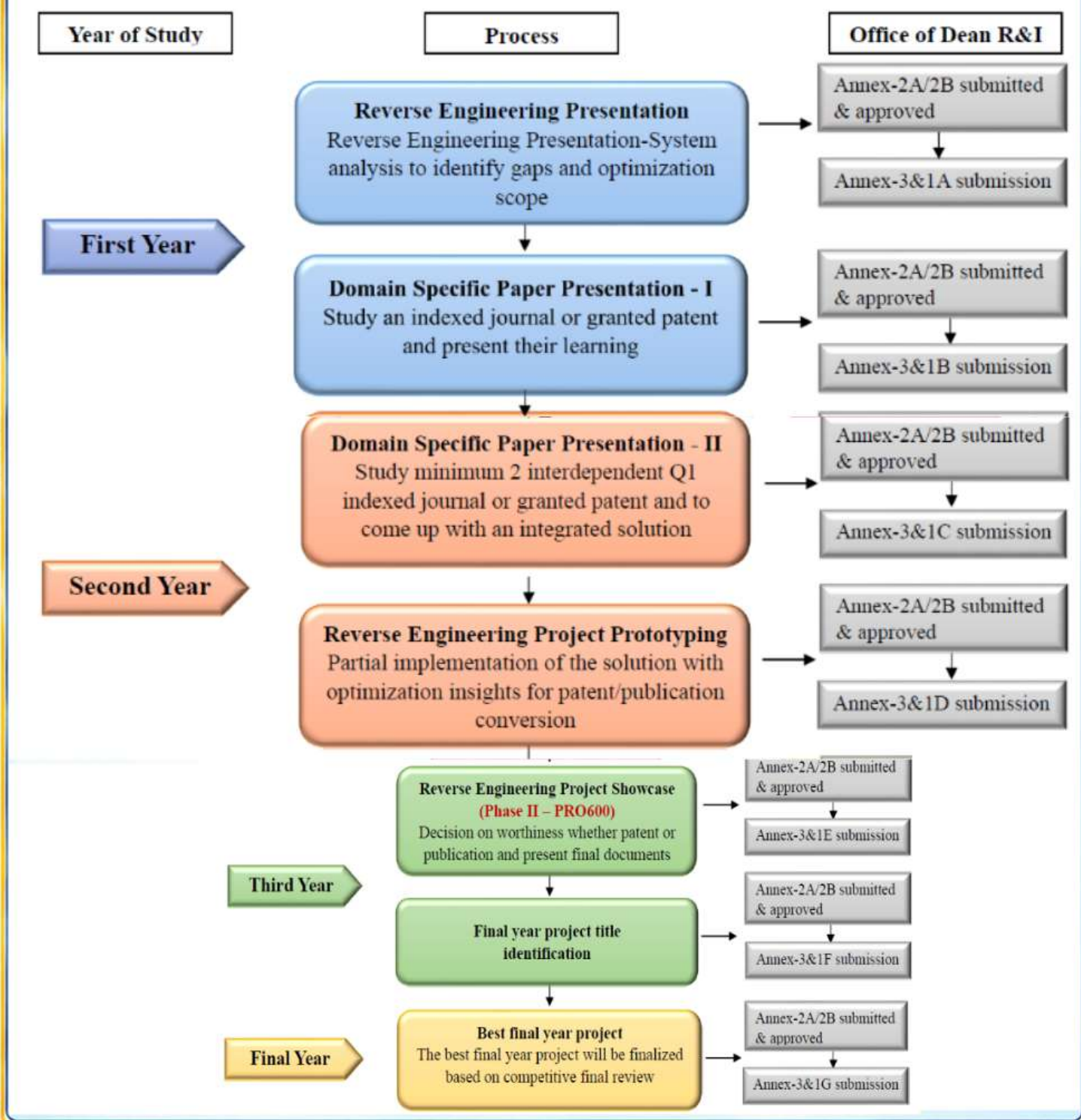
9.R&I INITIATIVES



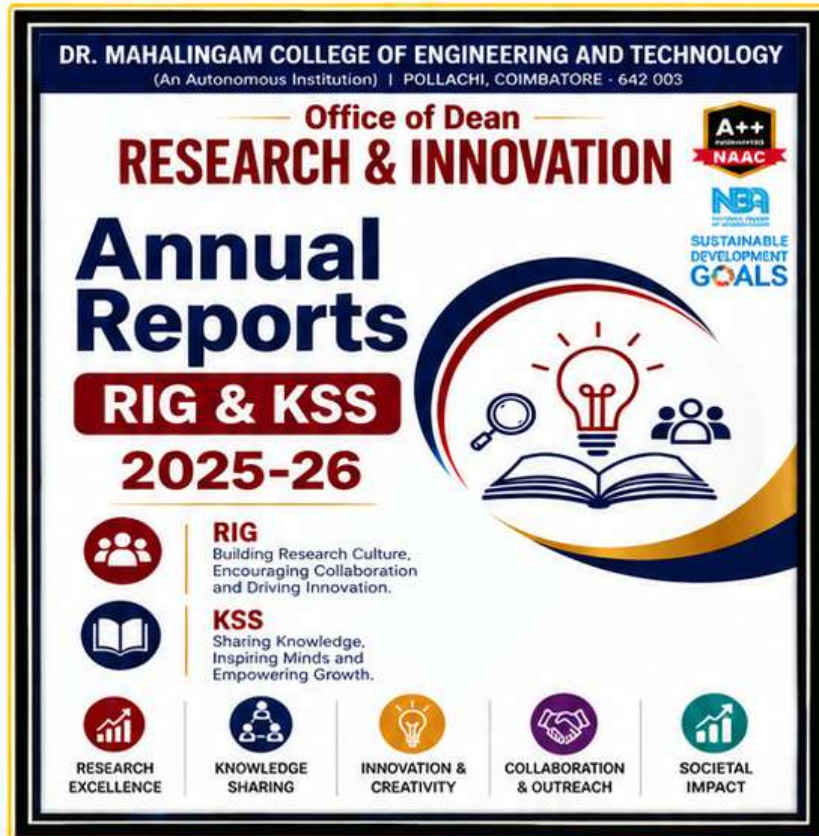
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Student Research Council

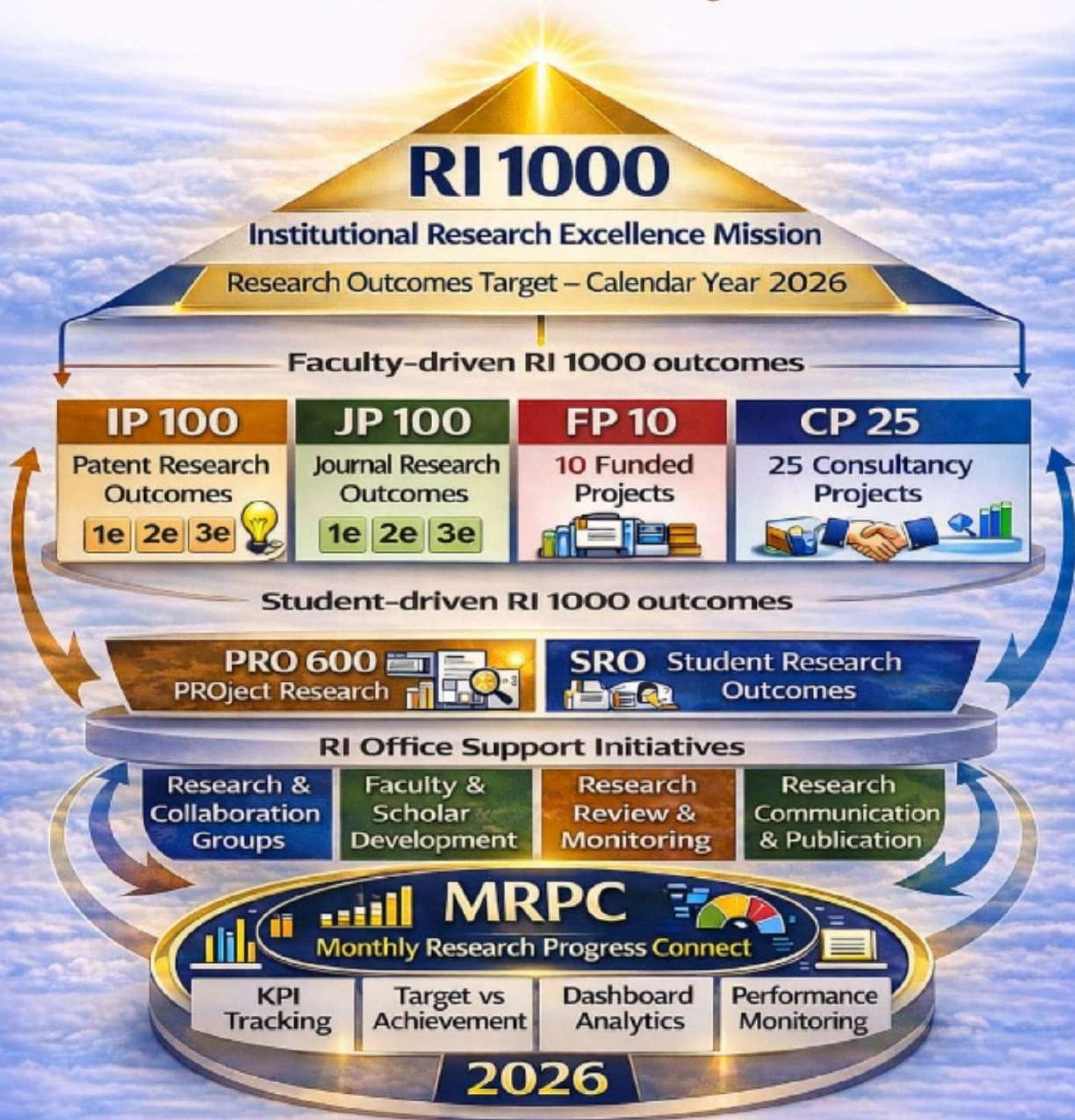
Interim Operation Guidelines Task Flow



9.R&I INITIATIVES - Future Editions



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CONTACT

Office of Dean – Research & Innovation,
Dr. Mahalingam College of Engineering & Technology,
Udumalai Road, Pollachi – 642003

Email : deanri@drmcet.ac.in / ramki@drmcet.ac.in