BVV Sangha, Bagalkot
AMRUTA INSTITUTE OF ENGINEERING & MANAGEMENT SCIENCES
Approved by AICTE, New Delhi
Recognized by Government of Karnataka & Affiliated to VTU, Belagavi

A I E M S
B E N G A L U R U

AIEMS-Internal Quality Assurance Cell

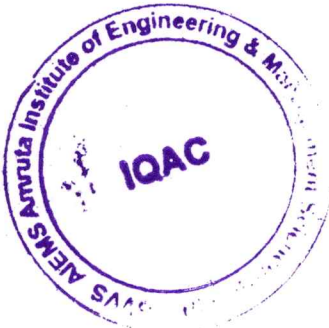Ref No: BVVS/AIEMS/R&D/2024-25/017   Date: 03.2.2025

RESEARCH AND DEVELOPMENT CELL

R&D Cell has been revised for the academic year 2024-25 wef 3.2.2025.

Committee Members List

Sl No	Faculty Name	Designation	Phone	Email ID
1	Dr. Santosh M Muranal Principal	Chairman	9886673000	principalamruta@gmail.com
2	Dr. Rajeshwar Kadadevaramath. HOD ME Dept. & Dean Academics,	Chief Coordinator	9742693869	dr.rskmutt@gmail.com
3	Dr. Mahantesh Matapathi Prof, CSE	Coordinator	8123443216	manteshkrishna@gmail.com
4	Dr. Veeresh Patil, HOD, Dept Of ECE	Member	9900214226	91.veeresh@gmail.com
5	Dr. BID Kumar HOD, ISE Dept	Member	9902879764	kumarbid@gmail.com

Dr. Anitha N
IQAC Coordinator

Dr. Santosh M Muranal
IQAC Chairman
PRINCIPAL
Amruta Institute of Engineering & Management Sciences
Bidadi Industrial Area Near Toyota Kirloskar Motors
Bidadi Bangalore-562 109

Academic Year-2024-25

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RESEARCH AND DEVELOPMENT (R&D) CELL – ROLES AND RESPONSIBILITIES

The **Research and Development (R&D) Cell** is responsible for fostering a **research-driven environment** within the institution by encouraging faculty and students to engage in **innovative research, publications, patents, and funded projects**. The cell promotes **interdisciplinary collaboration, industry partnerships, and the commercialization of research outputs.**

Roles and Responsibilities

1. Promoting Research Culture

- Encourage faculty and students to engage in **innovative research and development activities**.
- Organize **seminars, conferences, and workshops on research methodologies and emerging technologies**.
- Establish research groups focusing on **cutting-edge areas such as AI, IoT, VLSI, nanotechnology, and renewable energy**.

2. Research Funding & Grants

- Identify **funding opportunities from government agencies (AICTE, DST, DBT, UGC, SERB, etc.) and private organizations**.
- Assist faculty in **writing research proposals and applying for funded projects**.
- Monitor the **progress of ongoing funded projects and ensure timely completion**.

3. Publications & Patents

- Encourage faculty and students to publish in **high-impact journals, conferences, and reputed indexing databases (Scopus, WoS, IEEE, Springer, Elsevier, etc.)**.
- Provide **guidance on writing quality research papers, review articles, and book chapters**.

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- Support researchers in **filing patents, copyrights, and intellectual property rights (IPR)**.

4. Industry Collaboration & Consultancy

- Facilitate **collaborative research projects with industries and R&D organizations**.
- Establish **MoUs with industry partners for research, training, and technology transfer**.
- Promote **consultancy services where faculty members offer expertise to industries**.

5. Research Infrastructure & Resources

- Enhance **laboratories and research facilities** with advanced equipment and software tools.
- Provide access to **digital libraries, research databases, and open-access journals**.
- Support faculty and students in setting up **research centers and innovation labs**.

6. Interdisciplinary & Collaborative Research

- Encourage **multi-disciplinary research initiatives** addressing societal and technological challenges.
- Promote **international research collaborations** with universities and institutes abroad.
- Organize **exchange programs, research internships, and faculty development programs (FDPs)**.

7. Innovation, Startups & Technology Transfer

- Work closely with the **Institute Innovation Cell (IIC) and Entrepreneurship Development Cell (EDC)** to translate research into **startups and commercialization**.
- Support students and faculty in developing **prototypes, proof-of-concept (PoC), and market-ready solutions**.

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- Facilitate participation in **hackathons, innovation challenges, and government-sponsored competitions**.

8. Monitoring & Evaluation

- Maintain **records of research projects, publications, patents, and funded proposals**.
- Conduct **annual research audits and impact assessments**.
- Report research progress to **AICTE, NAAC, NBA, and other regulatory bodies**.

Benchmark

Sl No.	Programs to be conducted	No. of activities
1	Meetings with committee	1 per semester or 2 per year
2	Organize **exchange programs, research internships, and faculty development programs (FDPs)**.	1 per year
3	Establish **MoUs with industry partners for research, training, and technology transfer**	1 per year
4	Organize **seminars, conferences, and workshops on research methodologies and emerging technologies**.	1 or 2 per year

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