

INNOVATION ECOSYSTEM

M.E.S Asmabi College has created a niche to foster innovation and entrepreneurship among staff and students, focusing on idea generation. The college has been very progressive and genuine in developing scientific temperament among its stakeholders and forming an innovative atmosphere.

M.E.S Asmabi College



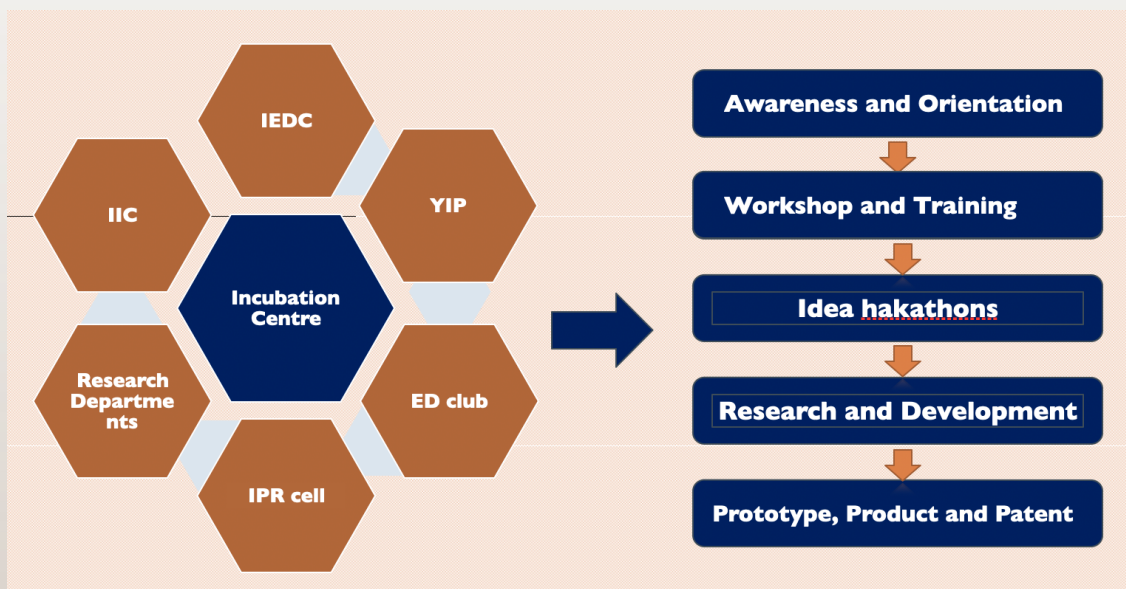
www.mesasmabicollege.edu.in

Innovation ecosystem in the campus

The innovative ecosystem within the institution has transitioned from a basic level of awareness and orientation to a well-organized and cohesive environment, supported by research and development departments. The **IPR Cell, Institutions Innovation Council (IIC), IEDC, YIP, ED club** and **Incubation Centre** organise activities, including motivational talks, entrepreneurship development programmes, innovation workshops, and idea hackathons, to raise awareness and provide orientation. These programmes ensure participation from all departments, students, and faculties.

Hackathons are organised in specific sectors and at different levels of integration. The ideas are vetted through collaboration between the Incubation cell, the three research departments, their respective labs, and the CEtC research extension centre. The incubation cell facilitates the chosen individual to conduct experiments at these centres or any other laboratories present in different science and vocational departments, guided by the projects or research designs.

These prototypes are once again created for the purpose of experimenting, and the Intellectual Property Rights (IPR) cell, Research Promotion Council and Research Labs assess their potential for patenting or embedding them into our products. The incubation cell, ED clubs, IEDC, and research extension wings collaborate to facilitate pre-incubation activities, ensuring that goods are developed in tandem with marketing goals.



Diagrammatic representation of innovative ecosystem in the campus

Intellectual Property Rights Cell (IPR Cell)

- To organize IPR awareness programs
- To guide students, researchers, and faculty on patent access

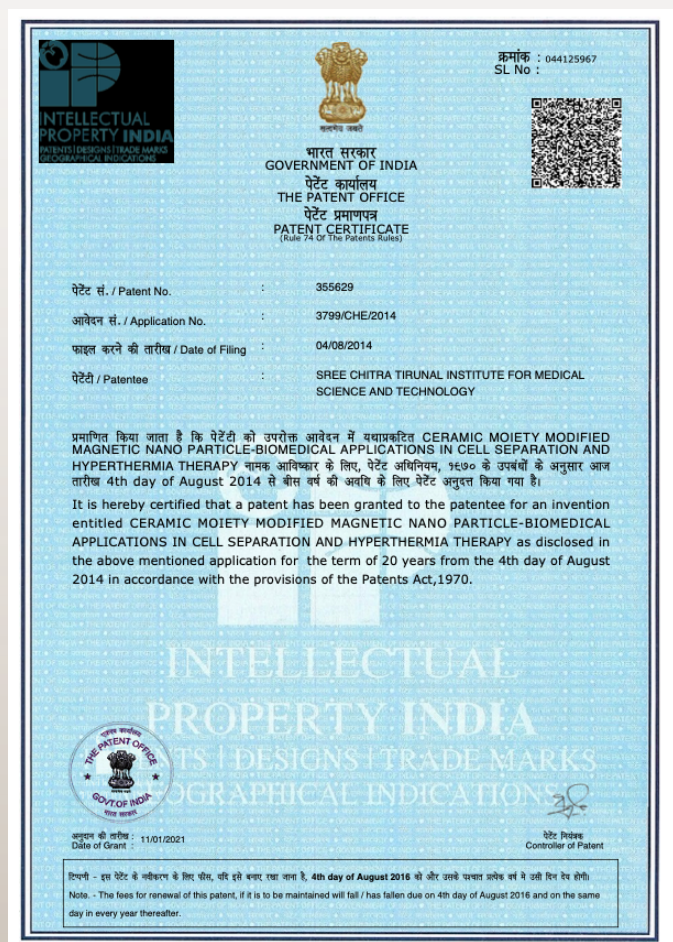
No.	Activities Done
1	Intellectual property Rights” Awareness programmers
2	Webinar on Intellectual Property Rights and Artificial Intelligence
3	The trade related Intellectual Property Rights (TRIPS) agreement private power and public interest
4	Awareness programme on Intellectual Property Rights
5	Certificate course on Intellectual Property Rights & IP Laws
6	IPR Provision in Forest Act ,2006 –National Conference
7	Training workshop on Intellectual property as a tool for economic development



MES ASMABI COLLEGE received Certificate of appreciation from Ministry of Commerce and Industry, Government of India, In recognition of active participation in the National Intellectual Property Awareness Mission (NIPAM) launched by the Government of India on the occasion of the 75th anniversary of independence under the banner "Azadi Ka Amrit Mahotsav" to create widespread awareness on Intellectual Property Rights (IPR). The exceptional contribution in successfully organizing the awareness programme on February 14, 2022 in association with Intellectual Property Office, Chennai

Patents

**PATENT
NO(3799/CHE/2014);
Ansar E.B,
Ceramic Moiety Modified
Magnetic Nano Particle
Biomedical Applications
In Cell Separation And
Hyperthermia Therapy**



Institution's Innovation Council (IIC)

- Established on 11/9/2020 under Ministry of Education & AICTE
- To promote innovative practices through idea creation and transfer
- To organise entrepreneurship trainings

No	ACTIVITIES DONE
1	IICRegionalMeet2022,Idea Presentation – ‘Drum smoker’- InnovationAmbassador
2	Product development workshop
3	‘EMPRESARIO’ – Entrepreneurship development
4	‘Idea fest’ – Computer Application
5	E-Governance training
6	‘La Difeza’ – Seminar on Cyber security
7	‘InnoTech’ – ‘My story’ Motivational speech by Mr.BilalSikkander, Cofounder of ORTMOR India & UAE
8	‘INVIERNO 2023’ – Inter-collegiate Management fest
9	Placement drive in association with ‘ESAF’
10	Dessertarian Day- Live cooking competition
11	‘Inspira’ – Logi fest



Innovation and Entrepreneurship Development Cell (IEDC)

- **Funded by Kerala Start-Up Mission, Government of Kerala**
- **To promote innovation and entrepreneurial culture**
- **To develop institutional mechanisms to foster techno-entrepreneurship for self-employment and income.**

№	ACTIVITIES DONE
1	UI/UX DESIGN
2	Meet the Women Entrepreneur
3	Aquarium making work shop
4	Entrepreneurship, Idea generation, Innovation and Incubation
5	Telescope making workshop
6	FempreneurFesta – Women empowerment workshop
7	Department level idea fests
8	‘EVOLUTIO’- A journey of an Entrepreneur
9	‘Drum smoker’–Innovation by students for fish preservation
10	IEDC Summit 2022, Participation– two faculty and 15 students

Entrepreneurship Development Club (ED Club)

- Supported by Department of Industries & Commerce
- To promote students' self- dependence and entrepreneurial traits
- To provide platform for realizing various business opportunities through industrial visits/ business awareness classes

No	ACTIVITIES DONE
1	Old cloth carry bag production
2	Shop loss assessing survey related to flood
3	Orientation in awareness on goods and services tax
4	Workshop on cake making and decoration
5	Workshop on artificial intelligence in entrepreneurship
6	Display and sales of ed jute bags in kfm hypermarket
7	Industrial visit
8	Seminar on promotion of rural entrepreneurship: manufacturing and marketing
9	Training on screen printing
10	Entrepreneurship and personality development seminar
11	Seminar on awareness in share market
12	Purchasing of stitching machine and provide job opportunity to parents
13	Workshop on door mat making
15	Workshop on acrylic painting
16	Residential workshop on making cleaning products
17	Workshop on file making
18	Paper pen making workshop
19	One day workshop on entrepreneurship idea generation, innovation and incubation-FISAT

Incubation Centre

- To provide platform to incubate ideas
- To equip with consultancy and marketing strategies

№	ACTIVITIES DONE
1	Skill crush – Product Development Boot camp
2	Introducing innovative sea food products and training to stakeholders
3	·Designing itinerary – Connects all the Muziris heritage project destination and develop a tourist circuit.
4	·3 day workshop on IOT in collaboration with Grapesgenix Technical solutions Pvt.Ltd

Incubation centre initiatives

The products launched under Incubation centre are

1. Ready to eat fish products
2. Vermicompost
3. Natural soap
4. Glass aquariums
5. Muziris expedition
6. Your voice, our expertise
7. Mobile app and Web development

Young Innovators Programme (YIP)

the YIP is a programme of Government of Kerala and its Objectives are;

- Enhancing identified youth with design thinking, collaborative, creative problem solving and leadership skills
- Empowering and building youth through immersive programmes to Learn, Empathize, Accelerate and Disrupt (LEAD).
- Mentoring them and intensifying networking to build a product or develop a process for showcasing in the Young Innovators' Challenge.
- Certifying promising innovations and attaching the young innovators to research institutions in related areas with scholarships for 1 year.
- Tracking these young innovators and linking them to institutions, industries, enterprises and prospective funding agencies.
- Build a strong pool of mentors to identify, assess and track innovations as well as provide young innovators the necessary academic, domain specific as well as psycho-social support necessary through the process.

No.	Activities Done
1	YIP 5.0 - 30 entries were uploaded in YIP portal
2	DCE meeting regarding launch of YIP 6.0
3	Two faculties selected as YIP Category 2 evaluators
4	Young Innovators Programme 2023 (Kerala Development and Innovation Strategic)
5	YIP Nodal officers meet up – idea sharing

Participation in NIRF Innovational (Formerly ARIIA)



Research and Development

- Research Council
- Research Policy for ensuring quality
- Three Research Departments
 - Research & PG Department of Commerce
 - Research & PG Department of Botany
 - Research & PG Department of English
- Research promotion cell
- Four Ph.D.s are awarded during the assessment period
- Hornbill foundation research extension Centre in association with SN Puram Panchayath

Research Internship & Fellowships

No	ACTIVITIES DONE
1	Prakriti Research Fellowship
2	Devika M Anilkumar, PhD Fellow received Rufford Nature Conservation Grant –Rufford Nature Conservation