

**Institution's Innovation Council (IIC), Entrepreneurship
Development (ED) and Software Development Cell (SDC) Policy**

Ministry of Human Resource Development (MHRD), Govt. of India has established 'MHRD's Innovation Cell (MIC)' in collaboration with AICTE for Higher Educational Institutions (HEIs) to systematically foster the culture of Innovation and start-up ecosystem in education institutions.

The Institution's Innovation Council (IIC) of the Institute of Information Technology and Management (IITM) is established on **21st November 2018** in accordance with the guidelines of the Ministry of Human Resource Development's Innovation Cell (MIC) of 2018.

The IIC aims to nurture an innovation ecosystem within the institution, promote entrepreneurial activities, and protect intellectual property rights.

Objectives

- Foster a culture of innovation and creativity among students and faculty.
- Support entrepreneurial initiatives and startups.
- Facilitate the protection and commercialization of intellectual property.
- Establish strong industry-academia collaborations.

Functions

- Develop and maintain advanced AI laboratories and infrastructure.
- Organize workshops, seminars, and training sessions on AI technologies/ IPR/ events like hackathons, pitch competitions, and startup weekends, etc.
- Foster research collaborations with industry, academic institutions, successful entrepreneurs and industry experts for mentorship.
- Support faculty and student-led AI projects and innovations.
- Provide mentorship and guidance for startups and entrepreneurial initiatives.
- Facilitate access to seed funding, angel investors, venture capital and monetary grants for patent filing and other IPR-related expenses.
- MOUs with industry for incubations/consultancy etc.

Financial Grants for Patent: Patent Rs. 10,000/- (After receiving/awarded the patent number.). The other terms and conditions shall be same as stipulated in the Research Policy of the Institute.



Roles and Responsibility of the Convener

1. Meetings:

- Conduct meeting to plan activities and review progress.
- Maintain minutes of meeting.

2. Reporting

- Prepare reports of activities, achievements, and financial expenditure.
- Submit the necessary compliance to the statutory body.

3. Collaboration:

- Encourage collaboration among sub-committees for interdisciplinary projects.
- Foster partnerships with external organizations, industry, and academia to enhance the impact of initiatives.

4. Evaluation:

- Annual evaluation of each sub-committee's
- Feedback from stakeholders (students, faculty, and industry partners) will be incorporated for continuous improvement.

5. Funding:

- Seek internal and external funding sources to support various initiatives.
- Ensure transparent and efficient utilization of funds.

Note: President to oversee the compliance

Members

1. Faculty Representation

S.No.	Position in IIC
1	President
2	Convener
3	Innovation activity coordinator
4	Start-up activity coordinator
5	Internship coordinator
6	IPR activity coordinator
7	Social Media Coordinator
8	Member
9	Member
10	Member
11	Member
12	Member



2. Expert Representation: Members (Minimum 3 representative from following)

S.No.	Position in IIC
1	IP Expert/ Patent Expert
2	Startup / Alumni entrepreneur
3	Expert from nearby Industry/ Industry association/ Ecosystem Enablers
4	FI/Bank/Investor/Angel Investor/VC
5	Nearby Incubation Centre

3. Student Representation:

S.No.	Position in IIC
1	Innovation coordinator_
2	Startup coordinator_
3	Internship coordinator_
4	IPR coordinator_
5	Social Media coordinator_
6	General Members

I. AI Experience and innovation Cell (AIEIC)

Objectives:

- Promote research and development in Artificial Intelligence (AI).
- Provide hands-on experience with cutting-edge AI technologies.
- Enhance the skills and knowledge of students and faculty in AI.

Role and responsibility of AIEIC Coordinator:

1. Develop and maintain advanced AI laboratories and infrastructure.
2. Organize workshops, seminars, and training sessions on AI technologies.
3. Foster research collaborations with industry and academic institutions.
4. Support faculty and student-led AI projects and innovations.

II. Entrepreneurship Development (ED) – Startup Cell

Objectives:

- Encourage and support entrepreneurial ventures among students and faculty.
- Provide necessary resources and mentorship for startup development.
- Facilitate access to funding and investment opportunities.



Role and responsibility of ED Coordinator:

1. Provide mentorship and guidance for startups and entrepreneurial initiatives.
2. Facilitate access to seed funding, angel investors, and venture capital.
3. Organize events like hackathons, pitch competitions, and startup weekends.
4. Establish a network of successful entrepreneurs and industry experts for mentorship.

III. Intellectual Property Rights (IPR)**Objectives:**

- Educate and train faculty and students on intellectual property rights.
- Assist in the identification, protection, and management of intellectual property.
- Facilitate the commercialization of intellectual property.

Role and responsibility of IPR Coordinator:

1. Conduct workshops and training programs on intellectual property rights and patent filing.
2. Assist in identifying, protecting, and managing intellectual property generated within the institution.
3. Facilitate the commercialization of intellectual property through licensing and collaboration.
4. Provide monetary grants for patent filing and other IPR-related expenses.

IV. Internship**Objectives:**

- To manage and oversee the internship program.
- To ensure that it provides valuable learning experiences for interns while meeting the organization's needs.

Role and responsibility of Internship Coordinator:

1. Establish learning objectives and outcomes for interns.
2. Coordinate with department heads to identify internship needs.
3. Monitor intern progress and provide feedback.
4. Address any issues or concerns that arise during the internship.
5. Maintain records of intern activities and achievements



V. Social Media

Objectives:

- To manage and enhance the institute's online presence through various social media platforms, driving engagement, brand awareness, and growth.

Role and responsibility of Social Media Coordinator:

1. Develop and curate engaging content for social media platforms.
2. Develop and implement a social media strategy (targeting, planning and scheduling the posts and campaign) aligned with business goals.
3. Monitor and respond to comments, messages, and mentions.
4. Track and analyze social media metrics and performance.
5. Keep up-to-date with the latest social media trends and best practices.

VI. Software Development Cell (SDC)

The IITM Software Development and Incubation Center (SDC) are dedicated to fostering technical excellence, innovation, and entrepreneurship among our students. With a vision to empower our students with the latest software development skills and provide them with the resources to transform their innovative ideas into viable businesses, we present this policy document.

Mission and Objectives

Our mission is to cultivate the technical prowess of students while fostering a culture of innovation and entrepreneurship. The objectives of the IITM Software Development Cell (SDC) are as follows:

1. **Effective Software Education:** Providing students with cutting-edge software education and training, equipping them with the skills required in the dynamic tech industry.
2. **Software Development:** Addressing the institution's software automation needs by utilizing our existing infrastructure and staying updated with the latest technological advancements.
3. **Industry Expertise:** Engaging technical experts from the industry, especially alumni, as valuable contributors to the Incubation Center's initiatives.



4. **Adaptation and Growth:** Embracing market changes as opportunities for growth, utilizing our technical expertise to develop innovative products, services, and solutions that meet emerging customer demands.
5. **Professional Development:** Developing and nurturing software professionals at all levels who are not only skilled but also accountable for achieving business results while embodying the institute's values.
6. **Open Source Implementation:** Identifying and implementing open-source software solutions to fulfill in-house software requirements efficiently.

Features of Software Development Cell (SDC)

The IITM SDC serves as a hub for students to immerse themselves in software development and gain invaluable experience. Key features of the SDC include:

1. **Cutting-edge Technology:** The Software Development Cell focuses on utilizing the latest technologies and tools in software development to provide students with hands-on experience with industry-relevant skills.
2. **Real-world Projects:** Students have the opportunity to work on real-world projects, both within the institute and in collaboration with external partners. This allows them to gain practical experience and apply theoretical knowledge in practical settings.
3. **Industry Collaboration:** The Cell collaborates with industry partners, including alumni and established companies, to provide insights into industry trends, offer internships, and facilitate placements for students.
4. **Professional Mentorship:** Experienced professionals, including faculty members and industry experts, mentor students in software development methodologies, best practices, and project management.
5. **Innovation and Entrepreneurship:** The Cell fosters a culture of innovation and entrepreneurship, encouraging students to develop their own software solutions, products, or startups.
6. **Open Source Contribution:** Students are encouraged to contribute to open-source projects, fostering collaboration, community engagement, and the sharing of knowledge and resources.
7. **Cross-disciplinary Collaboration:** The Software Development Cell often collaborates with other departments and disciplines within the institute, promoting interdisciplinary learning and collaboration.



8. **Skill Development Programs:** The Cell offers workshops, seminars, and training programs to enhance students' technical skills, soft skills, and employability.
9. **Research and Development:** Students and faculty members in the Cell may engage in research and development activities, exploring emerging technologies and addressing societal challenges through software solutions.
10. **Project Management:** Students learn project management skills, including planning, execution, and evaluation, preparing them for leadership roles in software development projects.

Incubation Center

The Incubation Center at IITM is dedicated to supporting students' startup ventures based on technological innovations. Its core features include:

1. **Start-up Promotion:** Encouraging students to transform their innovative ideas into viable business propositions, thereby minimizing the risks associated with entrepreneurship.
2. **Mentoring:** Providing access to multidisciplinary mentors who offer guidance, technical expertise, and business insights to incubate.
3. **Infrastructure:** Furnishing a conducive workspace, high-speed Internet, well-equipped laboratories, meeting rooms, and a library to facilitate the growth of startups.
4. **Financial Support:** Assisting startups in developing comprehensive business plans, including market analysis, technology strategy, and financial projections.
5. **Research and Development:** Offering access to testing facilities, research resources, and prototyping support to facilitate product development.
6. **Investment Opportunities:** Providing counseling and guidance for securing investments through various avenues.

The IITM Software Development and Incubation Center aims to offer our students a platform for excelling in software development and entrepreneurship. This policy document underscores our dedication to fostering an elegant and professional environment conducive to student success in the rapidly evolving world of technology. We embrace innovation and eagerly anticipate empowering our students to achieve new heights of excellence.

Disclaimer: The content of this policy are intended for Institution's Innovation Council (IIC) and Entrepreneur Development cell at IITM (For internal use only). For other detail it may be otherwise be protected by the rules stipulated by MHRD, Govt. of India GGSIPU for MHRD's Innovation Cell (MIC) 2018





Ministry of
Education
Government of India



MoE's
INNOVATION CELL
(GOVERNMENT OF INDIA)



INSTITUTION'S
INNOVATION
COUNCIL
Ministry of Education



CERTIFICATE OF ESTABLISHMENT

This is to certify that

Institute of Information Technology & West

has established an Institution's Innovation Council (IC202426173) in the campus as per
the norms of Innovation Cell, Ministry of Education, Govt. of India during
the academic calendar year 2023-24

Abhay Jere

Dr. Abhay Jere

Chief Innovation Officer

Ministry of Education's Innovation Cell
Certificate No: 15688

Dipan Sahu

Shri. Dipan Kumar Sahu

Assistant Innovation Director

Ministry of Education's Innovation Cell
Aishe Code: C-32837
Date: 21-02-2024

IITM/SP/SDC/19

Software Development Cell Policy

I. Introduction

The IITM Software Development and Incubation Center (SDC) are dedicated to fostering technical excellence, innovation, and entrepreneurship among our students. With a vision to empower our students with the latest software development skills and provide them with the resources to transform their innovative ideas into viable businesses, we present this policy document.

II. Mission and Objectives

Our mission is to cultivate the technical prowess of students while fostering a culture of innovation and entrepreneurship. The objectives of the IITM Software Development Cell (SDC) are as follows:

1. **Effective Software Education:** Providing students with cutting-edge software education and training, equipping them with the skills required in the dynamic tech industry.
2. **Software Development:** Addressing the institution's software automation needs by utilizing our existing infrastructure and staying updated with the latest technological advancements.
3. **Industry Expertise:** Engaging technical experts from the industry, especially alumni, as valuable contributors to the Incubation Center's initiatives.
4. **Adaptation and Growth:** Embracing market changes as opportunities for growth, utilizing our technical expertise to develop innovative products, services, and solutions that meet emerging customer demands.
5. **Professional Development:** Developing and nurturing software professionals at all levels who are not only skilled but also accountable for achieving business results while embodying the institute's values.
6. **Open Source Implementation:** Identifying and implementing open-source software solutions to fulfill in-house software requirements efficiently.



III. Software Development Cell (SDC)

The IITM SDC serves as a hub for students to immerse themselves in software development and gain invaluable experience. Key features of the SDC include:

1. **Cutting-edge Technology:** The Software Development Cell focuses on utilizing the latest technologies and tools in software development to provide students with hands-on experience with industry-relevant skills.
2. **Real-world Projects:** Students have the opportunity to work on real-world projects, both within the institute and in collaboration with external partners. This allows them to gain practical experience and apply theoretical knowledge in practical settings.
3. **Industry Collaboration:** The Cell collaborates with industry partners, including alumni and established companies, to provide insights into industry trends, offer internships, and facilitate placements for students.
4. **Professional Mentorship:** Experienced professionals, including faculty members and industry experts, mentor students in software development methodologies, best practices, and project management.
5. **Innovation and Entrepreneurship:** The Cell fosters a culture of innovation and entrepreneurship, encouraging students to develop their own software solutions, products, or startups.
6. **Open Source Contribution:** Students are encouraged to contribute to open-source projects, fostering collaboration, community engagement, and the sharing of knowledge and resources.
7. **Cross-disciplinary Collaboration:** The Software Development Cell often collaborates with other departments and disciplines within the institute, promoting interdisciplinary learning and collaboration.
8. **Skill Development Programs:** The Cell offers workshops, seminars, and training programs to enhance students' technical skills, soft skills, and employability.
9. **Research and Development:** Students and faculty members in the Cell may engage in research and development activities, exploring emerging technologies and addressing societal challenges through software solutions.



10. **Project Management:** Students learn project management skills, including planning, execution, and evaluation, preparing them for leadership roles in software development projects.

IV. Incubation Center

The Incubation Center at IITM is dedicated to supporting students' startup ventures based on technological innovations. Its core features include:

1. **Start-up Promotion:** Encouraging students to transform their innovative ideas into viable business propositions, thereby minimizing the risks associated with entrepreneurship.
2. **Mentoring:** Providing access to multidisciplinary mentors who offer guidance, technical expertise, and business insights to incubate.
3. **Infrastructure:** Furnishing a conducive workspace, high-speed Internet, well-equipped laboratories, meeting rooms, and a library to facilitate the growth of startups.
4. **Financial Support:** Assisting startups in developing comprehensive business plans, including market analysis, technology strategy, and financial projections.
5. **Research and Development:** Offering access to testing facilities, research resources, and prototyping support to facilitate product development.
6. **Investment Opportunities:** Providing counseling and guidance for securing investments through various avenues.

The IITM Software Development and Incubation Center aims to offer our students a platform for excelling in software development and entrepreneurship. This policy document underscores our dedication to fostering an elegant and professional environment conducive to student success in the rapidly evolving world of technology. We embrace innovation and eagerly anticipate empowering our students to achieve new heights of excellence.

