

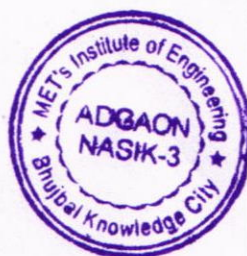
Innovation and Startup Policy for Students and Faculty



**MET's Institute of Engineering,
Bhujbal Knowledge City,
Adgaon, Nashik (April 2023).**

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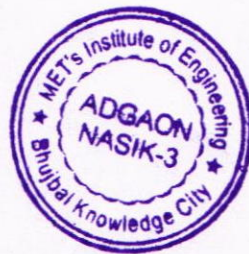
1. Preamble

For the second largest populous country in the world like India, the population has to be an asset , and not a liability. Our country has a huge demographic dividend in the form of our youth population.

We have the largest young population in the world. It is therefore very essential to put this population into constructive use. It is not possible to provide jobs to each one of them. Therefore to encourage them to become job givers instead of job seekers shall be the best policy. By encouraging these young minds towards entrepreneurship and innovation, during their school and college education shall help to turn them into entrepreneurs. The seeds of entrepreneurship sown during these days shall also help them turn entrepreneurs even after doing job in the initial years. An ecosystem of Innovation & Entrepreneurship is therefore very essential to achieve all of these.

An attempt is being made by establishing an Institute Innovation centre at MET's Institute of Engineering. The policy of innovation & entrepreneurship is presented herewith to accomplish the said goal.

The Startup Policy, shall help the students and faculty to understand various aspects of Innovation & Entrepreneurship such as, IP rights, Technology transfer norms, Product commercialization, Resolving of legal issues, Licensing etc.

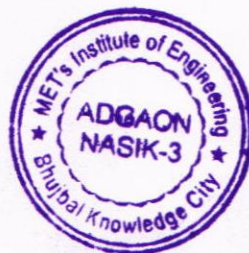


2. Vision

To develop institute as centre of excellence for preparing globally accepted professionals having application orientation , lifelong learning approach towards socio-economic growth of stake holders and society as a whole.

The above vision of the Institute has been further outlined to put more emphasis on Innovation and Entrepreneurship as under:

1. To make the students understand entrepreneurial challenges and opportunities.
2. To motivate students to opt Entrepreneurship as a career.
3. To conduct guidance sessions of successful engineer entrepreneurs.
4. To inculcate a culture of innovation driven entrepreneurship through student projects.
5. To make the students abreast with Registration Process, Modes of Funding.
6. To provide literature on Entrepreneurship
7. To create awareness about IP rights and patenting procedure.
8. To provide literature on Patents and Copyrights.
9. To advice and guide on the importance of IPR, especially Patents.



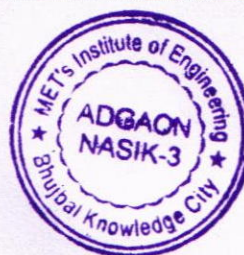
3. Strategies and Governance

The strategies being followed at MET's Institute of Engineering:

The Institute has always supported the students to cultivate the entrepreneurial spirit and use the knowledge gained in Engineering education to address the challenges in the technology and business world for the betterment of all the stakeholders of society. The Governance structure at MET's IOE is as under.

Governing Body of MET's Institute of Engineering:

Sr. No.	Name of the Member	Member Category	Designation
1	Mrs. Minatai C. Bhujbal	Chief Trustee, Mumbai Educational Trust	Chairperson
2	Mr. Pankaj C. Bhujbal	Nominee of the Trust	Member
3	Mr. Samir M. Bhujbal	Nominee of the Trust	Member
4	Mrs. Shefali S. Bhujbal	Nominee of the Trust	Member
5	Mr. Dilip Khaire	Nominee of the Trust	Member
6	Dr. Ajeet Singh	Regional Officer & Asst. Director AICTE (WRC)	Member
7	Request letter for nominee submitted	Industrialist / Technologist / Educationalist Nominated by Regional Comm. AICTE	Member
8	Dean, Faculty of Science & Technology	Nominee of Savitribai Phule Pune University	Member
9	Prof. D. P. Nathe	Nominee of the State Government – Jt. Director of Technical Education (Ex-Officio) M.S.	Member
10	Request letter for nominee submitted	Industrialist / Technologist / Educationalist Nominated by the State Govt.	Member
11	Dr. M. U. Kharat	Teacher Nominated by Principal	Member
12	Prof. Mrs. Namita Kale	Teacher Nominated by Principal	Member
13	Dr. Vijaykumar P. Wani	Principal	Member Secretary



4. Startup Enabling Institutional Infrastructure

- Human resource available at MET, particularly students from rural and semi urban background with raw ideas in the field of agriculture & rural technologies.
- A pool of motivated faculty members from diverse streams of Engineering e.g. Civil, Electrical, Mechanical, Electronics & telecommunication, Computer ,Information Technology etc.
- Access to state of art workshop for fabrication, and laboratories equipped with state of art equipments and softwares.
- Outreach to farmers and Entrepreneurs who are engaged in cultivation and processing of agricultural goods such as Grapes, Tomatoes, Pomegranates, and Onions.
- An approved centre for Innovation & Start-up by University of Pune (SPPU).
- An active E-cell to promote entrepreneurial activities for students.

5. Nurturing Innovations & Startups

The institute shall help to nurture the innovations & startups as follows.

1. Encouraging students to select their projects as solutions offered to the problems faced by people ,businesses in their day to day life.
2. By providing an interactive platform of experts from industries and faculties from educational institutes to help the students nurture their ideas.
3. By condoning shortfall in attendance, if any ,due to entrepreneurial and start-up activities.
4. By offering active support through Institute's laboratory infrastructure, workshops etc,in product development.
5. The institute has already had an MOU with WEGO library foundation which shall help the students in patenting their ideas.

6. Product ownership rights

The ownership rights of products developed in the institute shall be the joint ownership of student/faculty inventors and the Institute. If the product is developed without any help from the institute, then the inventors (student/faculty) shall have sole ownership rights.



7. Organizational Capacity, Human Resources, Incentives

The innovations of today's era do not restrict to a single engineering stream and hence a coherent ecosystem of various departments of Institute is necessary.

At MET's Institute of Engineering, all the departments of the institute shall work together whenever the need arises while working on Innovations & Start-ups.

An adequate faculty with doctorate qualifications and committed to research is available with every department of the Institute.

The faculties who get engaged in innovation & start-up related activities shall get duty leave, as well as sabbatical leave, if needed. The eligible faculty members shall also be considered for additional incentives at the time of their yearly appraisals. If IP rights of product developed at institute get sold to outside agencies, the faculties as well as students who had been the part of product development team shall be eligible for the share in proceeds received, as per the policy of the Institute.

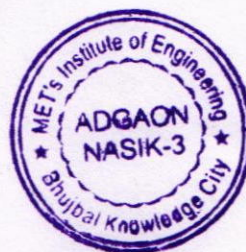
8. Innovation Pipeline and Pathways for Entrepreneurs

In Engineering education the pathway to entrepreneurship is through innovation the student offer through their projects. Generally the students of pre-final and final year are exposed to this pathway. MET's Institute of Engineering shall ensure that exposure to Innovation is given as soon as the students enter the Institute. The initiatives taken by our Pune University (SPPU) to whom we are affiliated, had helped to introduce, 'Project Based Learning' from very first year of Engineering. So, the ecosystem of Ideation to Product validation can be developed, this shall help the students to convert their ideas into business ventures during or after the completion of their study.

9. Norms for faculty startups

Following are the norms for faculty start-up at t MET's Institute of Engineering.

1. Faculty members shall be encouraged to go for start-ups for the technologies / innovations / inventions that take place in the Institute.
2. Faculty members can go for a start-up, alone, with the colleagues, with students & alumni.
3. The IP rights for the technologies developed by the faculty at the institute shall be jointly owned by faculty/faculties and the Institute.



4. If any technology/product is licensed to any commercial organization ,the Institute along with the faculty shall be the beneficiaries.

10. Pedagogy and Learning interventions for Entrepreneurship development

Entrepreneurship can be imbibed in young engineers by complimenting a theoretical knowledge from curriculum with the practical exposure to the world of today's technology oriented businesses. Entrepreneurship & Innovation has already been introduced as a credit subject by University of Pune (SPPU), at the final year of Engineering in some of the disciplines. The lessons learned in the theory shall be followed by seminars, guest lectures as well as competitions such as Project and Business plan competitions on regular basis.

11. Collaboration, Co-creation, Business relationships and Knowledge exchange

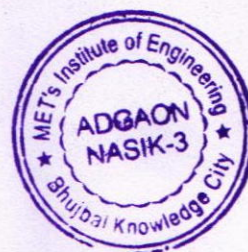
An ecosystem of academic Institute with various government agencies along with bodies and organizations from Industries is must for converting the ideas of innovators into the reality. An attempt shall therefore be made to collaborate with small & medium enterprises in the Nashik arena ,through the bodies like NIMA,AIMA.

The guidance sessions of experts from banking industry, accountancy shall also be arranged to help students to understand the financial matters . The Institute has already done such things in the past through the platform of E-cell ,MET's Institute of Engineering.

12. Entrepreneurial Impact Assessment

All the activities related with innovation & entrepreneurship shall be subjected to an Impact assessment at the end of every academic year. The assessment shall take care of followings:


1. Ideas converted into projects/prototypes.
2. Number of patents filed.
3. Number of patents granted.
4. Number of startups created.
5. Number of students becoming entrepreneurs.



6. Outcome of all the activities conducted to promote entrepreneurship and innovation in and an outside the campus.

Committe Members:

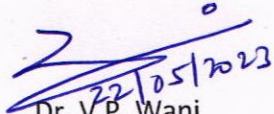
1. .Prof. Pankaj Patil (E&Tc Engineering)
2. Dr. Priti Metange (Computer Engineering)
3. Dr. Manisha Shinde (E&Tc Engineering)
4. Dr. Kalpana Metre (Computer Engineering)
- 5 .Dr. Namita Kale (Information Tech.)
6. Dr.Utkarsha Mohite (Electrical Engineering)
7. Dr. Dheeraj Deshmukh (Mech.Engineering)
8. Prof. Ishwar Bathe (Civil Engineering)


Prof. Rajesh Rehpade
(NISP Coordinator)

Place:Nashik

Date: 22-05-2023




22/05/2023
Dr. V.P. Wani
(Principal)
Principal
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