



CSMSS
Chh. Shahu College of Engineering
Aurangabad



INNOVATION AND STARTUP
POLICY

CSMSS CSCOE – INNOVATION AND STARTUP POLICY COMMITTEE

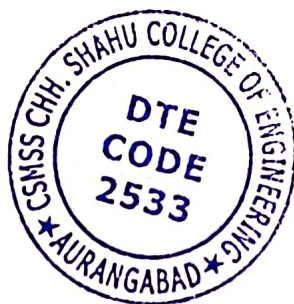
**NISP Policy Formulation and Implementation Team with support of
Institution's Innovation Council.**

Name of the Member	Member Type	Role of the member
Dr. U. B. Shinde	Head of the Institute	Chairman
Dr. A. S. Mane	H. O. D. Innovation dept.	President – IIC
Prof. Sathya Praveen D	H. O. D. C. T. S. E. dept.	Vice President
Prof. D. D. Pawar	Training and Placement	Network Enabler
Prof. S. B. Kulkarni	Industry Institute Interaction	Internship
Dr. A. M. Rawate	H.O.D. – I. Q. A. C. dept.	Formulation & Implementation
Dr. R. P. Chopade	H.O.D. – Mechanical Engg. dept.	Formulation & Implementation
Dr. S. P. Abhang	H.O.D. – C. S. E. dept.	Formulation & Implementation
Prof. A. N. Mudiraj	H.O.D. – Electrical Engg. dept.	Formulation & Implementation
Dr. D. L. Bhuyar	H.O.D. – E. & T. C. Engg. dept.	Formulation & Implementation
Prof. Sohail Ali	H.O.D. – Civil Engg. dept.	Formulation & Implementation
Prof. B. S. Deshmukh	H.O.D. – F. Y. dept.	Formulation & Implementation
Prof. P. G. Sonar	Faculty	Convener
Dr. S. R. Karpe	Faculty	Innovation Activity Coordinator
Prof. P. P. Gupta	Faculty	Startup Activity Coordinator
Prof. M. D. Mate	Faculty	Internship Activity Coordinator
Prof. Ather Shaikh	Faculty	IPR Activity Coordinator
Dr Prashant Jadhav	Faculty	Social Media Coordinator
Prof. E. S. Ugale	Faculty	ARIIA Coordinator
Prof. P. S. Umate	Faculty	NIRF Coordinator



INSTITUTE INNOVATION COUNCIL- (IIC-CSMSS CSCOE) 2020-21

Position	Designation	Name
Chairman	Principal	Dr. U. B. Shinde
President	H. O. D. Innovation dept.	Dr. A. S. Mane
Vice President	H. O. D. C. T. S. E. dept.	Prof. Sathya Praveen D
Convener	Assistant Professor	Prof. P. G. Sonar
Innovation Activity Coordinator	Assistant Professor	Dr. S. R. Karpe
Startup Activity Coordinator	Assistant Professor	Prof. P. P. Gupta
Internship Activity Coordinator	Assistant Professor	Prof. M. D. Mate
IPR Activity Coordinator	Assistant Professor	Prof. Ather Shaikh
Social Media Coordinator	Associate Professor	Dr Prashant Jadhav
ARIIA Coordinator	Assistant Professor	Prof. E. S. Ugale
NIRF Coordinator	Assistant Professor	Prof. P. S. Umate
Convener (Student)	Student Coordinator	Rahul Sanjay Chavhan
Innovation Coordinator (Student)	Student Coordinator	Onkar Choudhari
Startup Coordinator (Student)	Student Coordinator	Shashank Agrawal
IPR Coordinator (Student)	Student Coordinator	Purushottam Ashok Manbhare
Social Media Coordinator (Student)	Student Coordinator	Aryan Patil
Internship Coordinator	Student Coordinator	Satyam Vindhyaivasini Dubey



Preamble

Ministry of Education Innovation cell (MIC) along with All India Council of Technical Education (AICTE) released National Innovation and Startup Policy 2019 in September 2019.

With the understanding of recent trends, CSMSS Chh. Shahu College of Engineering (CSMSS CSCOE) have joined this NISP campaign to nurture “Innovation and Startup” culture.

The committee comprising faculty members from Institute Innovation Council (IIC), Center for Technical Skills (CTSE), Internship coordinator and External members like startup founders, Entrepreneurs is formed to discuss, formulate institute level startup policy and implementation of all innovation and entrepreneurship related activities within the institute. The institute is in the process of applying the incubation facility within the campus.

Vision

**“To Promote the Budding Engineers Who
Can Build The Nation with good
Innovations and Strong Economy ”**

Mission

**“To facilitate a platform for innovative minds to transform their ideas into
Startup”**

Objectives

1. To facilitate generation of Innovative solution for real life problems.
2. To encourage and stimulate campus startups in the institution.
3. To give knowledge about financial discipline to create startups.



- Innovation and Entrepreneurship (I & E) Promotion is an important activity at CSMSS Chh. Shahu College of Engineering (CSMSS CSCOE). Specific objectives and associated performance indicators are to be identified for assessment.
- Implementation of Entrepreneurial vision will be achieved through mission
 - The NISP implementation team is formulated to achieve this agenda.
- The financial strategy involves raising funds from diverse sources as mentioned below.
 - Encourage to bring in external funding through government (state and central) agencies such as AICTE, Startup India, (GIZ) MSME, etc. and non- government sources.
 - Approach private and corporate sectors to generate funds, under Corporate Social Responsibility (CSR) to support technology incubators.
 - Engage alumni actively to get Sponsorships, Mentoring or Consulting support.
- Importance of innovation and entrepreneurial agenda is known across the institute. It is promoted and **highlighted at institutional programs such as conferences, workshops etc.**

2. Nurturing Innovations and Startups

- Institute will facilitate the startup activities / technology development by assisting student/faculty/staff (the potential entrepreneur) in the following manner.
- Permission to use institute infrastructure and facilities like Project lab, Computers, Printer, scanner, Fax machine, Internet Connection, Cubicle

for brainstorming sessions, access to college library, conference room and video conferencing facility as per the requirement.

- Encouragement to do short term / Part-time entrepreneurship training.
- Mentoring support on regular basis.
- Facilitation in a variety of areas including technology development, ideation, design thinking, fund raising, financial management, cash-flow management, new venture planning, business development, product development, social entrepreneurship, product costing, marketing, brand development, human resource management as well as law and regulations impacting a business .

3. Creating Innovation Pipeline and Pathways for Entrepreneurs at Institute Level

- NISP awareness is generated among students, faculty and staff to know the value of entrepreneurship and its role in career development or employability from time to time.
- **Students are encouraged to select elective subjects like entrepreneurship development.** Integration of education activities with enterprise-related activities is done in teaching learning process.
- Students are encouraged to develop entrepreneurial mindset through experiential learning by exposing them to training in cognitive skills and Initiatives like idea and innovation competitions, **Hackathons, workshops, bootcamps, seminars, conferences, exhibitions, mentoring** by academic and industry personnel, throwing real life challenges.
- Institute has established the Institution's Innovation Council (IIC) as per the guidelines of MoE's Innovation Cell and allocates appropriate budget for its activities. IICs guide institutions in conducting various activities related to innovation, startup and entrepreneurship development. Collective and concentrated efforts are undertaken to identify, acknowledge, support and reward proven student ideas and innovations and to further facilitate their entrepreneurial journey.

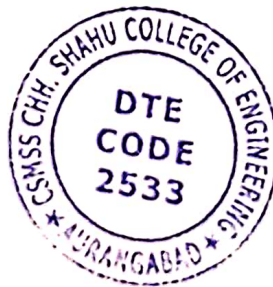
- Networking events may be organized to create a platform for the budding entrepreneurs to meet investors and pitch their ideas.
- Institute is having the capability to provide business incubation facilities like premises at subsidized cost. Laboratories, research facilities, IT services, training, mentoring etc. to the aspiring startups.

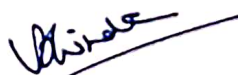
4. Pedagogy and Learning Interventions for Entrepreneurship Development

- Institute has adopted a diversified approach like cross disciplinary learning, mentoring, innovative lab experiments, case studies, presentations to produce desirable learning outcomes focusing innovation.
- Institute is planning to award annual 'INNOVATION TROPHY' to motivate students to come up with outstanding ideas.
- Entrepreneurship education is imparted to students at curricular/ co-curricular/ extra-curricular level through elective/ short term or long-term courses and seminars on innovation, real life success and failure stories by internal and external stakeholders to evolve the culture of collaboration.
- Pedagogical changes need to be done to ensure that the maximum number of student projects and innovations are based around real life challenges.

5. Entrepreneurial Impact Assessment

- New business relationships created by the institutes.
- Number of startups created.




Dr. U. B. Shinde
Chairman
IIC-CSMSS CSCOE
Principal
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