Innovation and Startup Policy-SSIPMT,Raipur

SHRI SHANKARACHARYA INSTITUTE OF PROFESSIONAL MANAGEMENT & TECHNOLOGY, RAIPUR

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About SSIPMT, Raipur

Established in the year 2008 under the ages of Shri Gangajali Educational Society, Bhilai, SSIPMT Raipur is spread over 17 acres of lush green and pollution free environment,10 kms from the Airport and 16 kms from Raipur railway station in Chhattisgarh. Institute is affiliated to Chhattisgarh Swami Vivekanand Technical University, Bhilai, and approved by All India Council for Technical Education, New Delhi.

As on May 2021, Computer Science Engineering and Mechanical Engineering programs of the institute are accredited by the prestigious National Board of Accreditation (NBA), becoming the youngest institute in the State to have earned this distinction. The institute has earned B++ rating by National Assessment and Accreditation Council (NAAC).

SSIPMT Raipur is ranked in B-Band (26th - 50th) among Private Engineering Institutes in India, and No. 1 in Chhattisgarh, by Atal Ranking of Institutions on Innovation Achievements (ARIIA) 2020. Under the Ministry of HRD's Institution's Innovation Council (IIC), SSIPMT Raipur has earned 3-Star rating.

SSIPMT, Raipur has MoUs with various industries such as Intel, RPG Foundation, Tessolve Semiconductor, Blueberry Semiconductor, Automation Anywhere University, 36Inc., Wadhwani Foundation, Kalpataru Power Transmission Ltd., Jaiswal Neco Industries Ltd., and others.

SSIPMT Edge:

➢ Excellent University Results

➢ Excellent Placements

➢ Excellent Sports Facilities

➢ Multidisciplinary Learning Environment

➢ Patents & Copyrights: 5 patents and 2 copyrights

➢ Toastmasters International Club (for developing communication skills of students)

The institute does not harbor any prejudice against any caste, community or creed and believes in universal brotherhood.

In line with our commitment to provide a conducive environment for learning, our college offers a wide range of facilities and support services to make the college life of students not only a worthwhile academic learning experience but also one that is socially enriching for students. Students will thus be able to adapt and acclimatize quickly and effectively to any new environment.

Shri Shankaracharya Institute of Professional Management & Technology

P.O. Sejabahar, Mujgahan, Raipur (C.G.)

PREAMBLE

SSIPMT, Raipur aims to provide an environment where its students, staff and faculty can "Explore Their Potential", for the innovative ideas they have and to start their startups till they finally become entrepreneurs. Every student has some innovative idea in his mind, however, most of these do not get translated into commercial products, benefiting the society in general, due to several reasons. SSIPMT Raipur through this policy thus, proposes to encourage students to open their mind, brief down their ideas into real products and start their own startups. Instead of job seekers they should become job providers.

SSIPMT, Raipur aspires to kick-start, innovation start-up & entrepreneurial culture, which contributes to increased knowledge, wealth and development of students, region and nation as a whole.

Vision:

- To provide an environment and culture where in innovative ideas of students and faculties get converted into start-ups' and ultimately successful enterprises.

Mission:

- To provide state of the art facilities and infrastructure within the institute to help students to align their mindsets from "PaathShala to PrayogShala".

- To impart Multidisplinary teaching pedagogy so that all stakeholders of the Institute have a Know-how of current technologies.

- To identify student innovators, promote and support them to evolve solutions to the needs or problems of society.

- To provide training and skill development, networking, access to knowledge & support services, Intellectual Property Rights, entrepreneurship development programs, mechanisms to start-ups etc. on continuous basis so that students may develop self- sustaining business models.

NISP COMMITTEE DETAILS

In line with the guidelines of Innovation cell, Ministry of Education, Government of India under National Innovation and Start-up Policy (NISP), a committee hereafter called as "Innovation and Start-up Committee" is formed at SSIPMT Raipur to carryout various activities.

The following members are nominated as members of the committee:

S.No.	Name	Organization	Designation in Committee
1	Dr. Alok Kumar Jain	Principal - SSIPMT	Chairman IIC - SSIPMT
2	Dr. Naveen Jain	SSIPMT	President, IIC - SSIPMT
3	Mr. Riju Bhattacharya	SSIPMT	Convener, IIC - SSIPMT
4	Mr. Atul Chakrawarti	SSIPMT	Coordinator, NISP - SSIPMT
5	Mr. Upendra Nath Soni	SSIPMT	Member, NISP - SSIPMT
6	Mr. Sweekar Pawar	AIC@36 Inc	Resource person - Incubation Unit
7	Mr. Tushar Kant Vadhera	Headstart Network	Resource person - Ecosystem Enabler
8	Mr. Mukesh Mishra	IP-FIDE	Resource person - IPR Expert
9	Ms. Komal Shilpi Singh	Yuvaera	Resource person - Startup Founder
10	Mr. Prateek Pandey	Letsmobility	Resource person - Entrepreneur
11	Mr. Puru Agrawal	Blue Banyan	Resource person - Alumni

The committee will work to formulate and develop culture of Innovation and start-up in the institute with full zeal and enthusiasm based on National Innovation and start-up Policy (NISP) Guidelines.

STARTUP POLICY

1. Objectives

I. To foster an ecosystem of entrepreneurship by promoting and supporting Innovations & startups from the students.

II. To setup a vibrant Startup ecosystem so as to align itself with our country's major policy initiatives of Make in India and Start-up India; Stand-up India.

III. To set up incubator facilities, provide cost effective infrastructural support and value-added services to startups like mentoring, legal, financial, technical, intellectual property related.

IV. To support the region in creating a platform to nurture creativity, innovation and entrepreneurial skills of our students.

V. To provide a platform for speedy commercialization of technologies developed by students of SSIPMT, Raipur.

VI. To provide an accelerated path to monetization of ideas, services and products; through strategic partnerships with government, industry and financial institutions.

VII. To provide a single policy to govern all the innovation and startup activities at SSIPMT, Raipur and have it governed under one umbrella of "Innovation and Start-up Committee" which in turn is mandated by the management of SSIPMT, Raipur.

2. Applicability Norms

This innovation and startup policy of our institute will be applicable to:

I. All students and faculty of SSIPMT, Raipur.

II. Alumni of SSIPMT, Raipur.

III. Staff of SSIPMT, Raipur.

IV. Management of SSIPMT, Raipur.

V. Research scholars of SSIPMT, Raipur that have collaboration with SSIPMT, Raipur or any other person approved by the "Innovation and Start-up Committee".

3. Pedagogy of conversion of "idea to enterprise"

I. **Identification of problems:** Students will visit various sectors like villages, hospitals, urban areas etc. and will visualize practical problems that are associated with those sectors. Various other field visits may occur for identification of real-life problems.

II. **Idea generation:** Depending upon the problems students have to come out with a potential solution for a specific problem. That idea should be novel, innovative and can be able to solve a real-life problem effectively and efficiently.

III. **Collection of Ideas:** Students have to discuss their idea to the mentor faculty from the respective domain/program and after iterations (if needed) the worthwhile the ideas can be put forth with "Innovation and Start-up Committee" in proper format.

IV. **Screening of Ideas:** Student will then be invited to give presentation to "Innovation and Start-up Committee" based on their potency of idea they will be shortlisted for the next level. The ideas may be considered to take part in Smart India Hackathon and various competitions of National repute.

V. **Supporting, mentoring and strengthening of ideas:** The shortlisted ideas will go through series of workshops, webinars, lecture series, guidance from experts in the concerned field etc. In order to improve their ideas to solve problems with an aim of converting the idea to startup.

VI. **Prototype development:** Finally, students have to prepare a prototype for their ideas. The prototype may be prepared under direct supervision of mentor assigned.

VII. **Basic Idea Testing:** Student idea needs to be tested in real life conditions of testing before considering it as a potential business idea.

4. Support and Services from SSIPMT to Nurture Innovation and Startup

I. Laboratories, research facilities, IT services, training, mentoring, etc. should be accessible to the new startup

II. Each student who intends to go for a startup to have a faculty member as mentor.

III. Faculty/ Mentor must not accept gifts of any kind whatsoever from students or their startup.

IV. For prototype or product development, fabrication and allied requirements students will be allowed to use mechanical workshop and in case if they need specialized tools equipment for the purpose then those will also be made available to them by the institute through "Innovation and Start-up Committee".

V. Students will be given exposure and training on various latest technologies from their first year of graduation so that they can apply them to find solutions to real life problems.

VI. Students will have to make small projects based on the training that they have received on latest technologies and hence a project-based learning environment will be created which will ultimately help students to develop prototypes at later stages.

VII. All departments are required to promote students to become members of various clubs, take part in internal hackathons and various technical competitions and individual departments are responsible for running technical hobby clubs, project workshops/labs.

VIII. Specialized workshops, guest lectures and short-term courses in IPR, entrepreneurship development, various technology-based skill development programs etc. will be organised from time to time to help students develop various skills required in their entrepreneurial journey.

IX. Training will be imparted to students on various technologies like:
   - Healthcare & Biomedical devices.
   - Agriculture & Rural Development.
   - Smart Vehicles/ Electric vehicle/ Electric vehicle motor and battery technology.
   - Food Processing.
   - Robotics and Drones.
   - Waste management.
   - Clean & Potable water.
   - Renewable and affordable Energy
   - IoT based technologies (Automation, Security & Surveillance systems etc.)
   - ICT, cyber-physical systems, Block chain, Cognitive computing, Cloud computing
   - Data Science, Artificial Intelligence & Machine Learning

X.   All possible support will be provided by "Innovation and Start-up Committee" to those students who are developing prototype as solution to a real-life problem for funding through various government schemes and agencies.

XI.   "Innovation and Start-up Committee" will help students doing paper work for company registrations, for all kind of startup, no matter whether it is a Proprietary Firm / Partnership Firm / Limited Liability Partnership firm or a Private Limited Company. All the registration fee will be reimbursed by SSIPMT provided all partners of the firm are Students or Alumni of SSIPMT, Raipur.

XII.   Faculty startup may consist of permanent faculty members of SSIPMT alone or with students or with Alumni of SSIPMT Raipur.

XIII.   Faculty must clearly separate and distinguish on-going research at the institute from the work conducted at the startup/company.

XIV.   In case the faculty/ staff holds the partner/owner status in a startup, they will go on sabbatical/leave without pay/utilize existing leave.

XV.   When any student or alumni of the institute registers his/her company, he/she is mentored and introduced to angel investors, venture capitalists and investors for scaling up his/ her business.

XVI.   To promote student ideas, projects and innovations based around real life challenges, boot-camps, visits to rural and underprivileged areas in nearby region and hackathons will be organized by SSIPMT, Raipur on regular basis.

5. Academic support and Awards

I.   Students will be given the benefit of attendance for the period of their involvement in developing their startup.

II. Academic loss of syllabus coverage due to their participation in such activities will be compensated by providing special extra classes for them.

III. It will be ensured at all stages that students may not suffer of any academic loss due to their involvement in Innovation and startup activities.

IV. Student entrepreneurs working on a startup idea even from the first year of college may be permitted to convert their startup project as their final year project towards degree completion.

V.   If required by the students and requested for then students will be allowed to stay in the hostels of the Institute (with prior written permission from co-ordinator "Innovation and Start-up Committee" or Principal, SSIPMT, Raipur) free of cost however they will have to pay the mess charges.

VI. Faculties if any wants to take a leave for his/her involvement in any startup may be permitted to do so and will be allowed for leave of maximum one year after which he/she will be allowed to join back maintaining all their seniority.

VII. To promote the spirit of Entrepreneurship every year on 26th January, SSIPMT, Raipur will give Best Entrepreneurship Awards to its student(s) coming up as a

   ➤ Startup with highest potential for scalability.

   ➤ The total business done and money raised by the startup

   ➤ A Startup that has built a wider customer base.

   ➤ A startup that has Markets reached out and share captured.

   ➤ A startup with Ethical practices incompliance.

   All the above eligibility and criteria to be supported with requisite documents and submitted to the Principal's office through Innovation and Start-up Committee.

VIII. The winner of the award will be decided by the "Innovation and Start-up Committee" and its decision will be final and biding to all.

6. Financial Aspects

I.   SSIPMT, Raipur may set up its own fund or set up a fund with the support from multiple stakeholders that will help very early stage startups and / or startups approved by Innovation and Startup Committee.

II.   SSIPMT, Raipur will financially support the individual student startups based on merit within the availability offends.

III.   SSIPMT, Raipur will also work with various state & centre Govt. institutions to help students obtain seed funding at their early stage of inception when the students are ready with a Minimum Viable Product (MVP).

IV.   SSIPMT, Raipur will create partnerships with external angel networks, incubators, & help link student startups wherever in need on a real time basis.

V.   SSIPMT, Raipur will promote the companies in the program at various forums including funding events and programs.

7. Dispute Resolution and Jurisdiction

All aspects of this policy will be governed by the SSIPMT, Raipur Management or / and through Innovation and Startup Committee specifically setup and mandated to govern the policy, approve any exceptions and make amendments to the policy from time to time as deemed appropriate.

The decision of SSIPMT, Raipur Management / Startup Governing Committee will be final. Disputes if any will be decided upon by the Startup Governing Committee. Any further escalation of the dispute after the SSIPMT, Raipur Management / Governing Committee decision will be subject to arbitration under The Indian Arbitration Act.

The jurisdiction of all disputes shall be the Raipur Chhattisgarh, India. Students, Faculty and all stakeholders under the program are bound by the confidentiality and non-disclosure agreements as released from time to time.

"End of Policy"