

Guidelines *for* “Startup”



Internal Quality Assurance Cell



MADHAV INSTITUTE OF TECHNOLOGY & SCIENCE

(A Govt. Aided UGC Autonomous & NAAC Accredited Institute Affiliated to RGPV, Bhopal)

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Title of workshop: Preparation of action plan for identifying & promoting entrepreneurial talents among students leading to idea generation, start-up and innovation

Objectives:

- To identify the specific areas where the department can contribute
- To list the existing research directions which can be targeted for start-up activity
- To utilize the existing laboratory & campus infrastructure for encouraging innovative thought process in students
- To exploit the existing alumni/industry connections/collaborations/MoUs of the department and future plans
- To find the present/existing status of the department in this field
- To come up with an immediate action plan & steps to be taken for session 2022-2023
- Other objectives as identified by each department


To achieve better engagement from various departments towards start-up and innovation activities, the following guidelines have been proposed to harness ideas from students among various disciplines as well as conducting start-up related activities ensuring uniformity across various disciplines and domains. **For further support and doubts if any, the team constituted vide order no. 700 dated 29.04.2022 may be approached.**

Guidelines:

1. Call for working strategies pertaining to idea generation, technical validation (POC).
2. Formulate the list of various start-up in the concerned area of the department (especially in interdisciplinary and cross disciplinary domains).
3. Idea segregation on various verticals (such as urban transportation, CleanTech, FinTech etc). Followed by identification of horizontals (techniques: such as cloud computing, AI, ML, IoT etc).
4. Align and map the idea with these start-ups and look for possible collaborations.
5. Formulating the working strategies for creating prototype from the ideas (preferably by aligning existing technical resources with a roadmap of further extension).
6. Identification of resources (manpower/machine) for the contribution in start-up cell and incubation center.
7. Further, in view of upcoming activities such as Innovation & Start-up Conclave, departments are also advised to suggest some event/activities in this regard.

FRAMEWORK FOR PRESENTATION

.No.	Criteria	Details
1.	Idea Evolution	Include all the necessary steps towards orienting students to come with idea.
2.	Feasibility	Feasibility and reasonability of the technical claims, methodology used/ to be used for PoC and validation, roadmap product development
3.	Categorically segregation of Potential Start-ups in Domain	Identify all the promising start-up in the domain. And categorially arrange these start-ups under different verticals as mentioned in the guidelines
4.	Enabling possible collaborations with Start-ups	Identify and promote the possible collaboration by engaging with start-ups.
5.	Prototyping of the Ideas	Formulate the working strategies for creating prototype from the ideas (preferably by aligning existing technical resources with a roadmap of further extension)
6.	Suggestions for upcoming activities	Suggestions are invited for upcoming Innovation & Start-up Conclave


Dean Academics

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