



**D Y PATIL**  
**UNIVERSITY**  
PUNE, AMBI

#21<sup>st</sup> Century University in India

# **COMPREHENSIVE POLICY & GUIDELINES OF KRITI**

(as amended on 23 February 2023)

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## CHAPTER – 1: OVERVIEW

This forum is established with an aim to upskill the students and develop an innovation & entrepreneurship ecosystem at DYPU Ambi.

### 1.1. KRITI Policy Statement

Over a period of time, in tune with its Vision and Mission, the University has sought to develop ideation, innovation and research in a big way, to support disruptive innovation and to give impetus to accelerated entrepreneurship. The Policy in this regard is geared towards creating and strengthening an ecosystem that inspires, motivates and promotes faculty and students to undertake research projects, generate knowledge, protect intellectual rights and publish findings for the larger good of the mankind.

### 1.2. Purpose

The main goal of this forum is to create innovation ecosystem in the D Y Patil University, Ambi and establish acumen to fulfil industry needs & desires. Also it is encouraging DYPU young aspirants to showcase their talents in various national & international competitions, hackathons, tech events, programs etc.

### 1.3. Scope

The Policy applies to all the faculty/staff and students of the University, who are engaged in any form of training/ Project/ Research activity which includes:

- Creation of conducive atmosphere to foster an entrepreneurship & research culture for promotion of quality training & research.
- Extending training & academic projects base by increasing intake quality trainers and student groups and assigning them training & project topics on selected thematic areas.
- Providing required support through training & research framework and guidelines for research and facilitation of faculty, trainers and students for research promotion.
- Development of infrastructural facility and Human resource.
- Protection of generated IPR by facilitating the faculty to file a large number of patents, copy rights, etc.
- Incentivizing faculty/ Staff and students for patents, research publications, process, product development, attending conferences/ seminars, membership of professional societies.

### 1.4. Approach

- Formulation of short term and long-term roadmap with time bound milestones.
- Undertaking interdisciplinary and multidisciplinary projects and developing national and global collaborations and partnerships.
- Encouraging the faculty to formulate projects for external funds, both from national and international agencies.
- Enhancing Industry – Academia interaction for translating idea & projects into products, processes and recommendations for industrial and societal cause.
- Motivating the faculty, scholars, staff and students for filing patents in order to protect IPRs.
- Encouraging and incentivizing the faculty for research publications in SCI and Scopus indexed or other equivalent peer-reviewed / reputed indexed journals.
- Organizing the brainstorming session, invited open talks of eminent personalities from Academia, R&D organizations, and Industries.

## CHAPTER – 2: STATUTORY FRAMEWORK

### 2.1 KRITI Advisory Board

2.2.1 The KAB (KRITI Advisory Board) shall comprise of:

Sr No	Name	Designation	Phone No	Email ID
1	Ayush Porwal	VP JP Morgan	9900900157	
2	Manoj Verma	VP Royal Bank of Scotland	9900844728	
3	Rathan Rao Sagi	Asst. Professor IIT Madras	9543079339	
4	Gaurav Singh Chandel	Structural Engineer at Boeing	9959306982	
5	Raghunandan Rao	Landing Systems Engineer at Airbus	7299417932	
6	Pallavi Singh	Sr. Scientist at NAL	9946862571	
7	Dr. T P Sasikumar	Former Deputy Director PMO, Space Scientist & Director UGC-ASC		
8	Er Ravishankar	Founder of IDYMF	6204560934	
9	Manish Jain	Director of R&D Synopsys & Asst. Professor IIT G CCL		
10	Dr P K Joshi	Former President IISO & Professor TIFR & BARC	9969000848	<a href="mailto:pkn@hbcse.tifr.res.in">pkn@hbcse.tifr.res.in</a>
11	Dr P K Rajput	Sr VP (Former) Sales & Marketing Domestic & International Markets at Cadila Pharma Ltd.	9979868862	

2.2.2 All the members of the KRITI Advisory Board, other than the ex-officio members, shall hold membership for a term of two years

2.2.3 The KRITI Advisory Board shall meet as often as may be necessary but not less than once during an academic year. The Board may devise its own procedure for the conduct of the meetings

2.2.4 The Board will develop and house other knowledge capabilities that may include referral and participatory networks of scholars and industry experts.\

2.2.5 The Board may select e-resources such as e-journals, e-books, on-line lectures reference material and reference websites for students and faculty.

2.2.6 The Board, shall develop, sustain and manage:

- KRITI/Innovation Centre, basic workshop for entrepreneurs;
- Develop business models and field test products and services; and
- development of start-up ventures.

## CHAPTER – 3: STUDENTS RESEARCH SUPPORT

### 3.1 Incentivizing Research amongst Under Graduate Students:

**3.1.1.** For creating a vibrant research ambiance, the University considers it necessary to incorporate certain research components, along with a sound academic foundation, at the UG and PG levels of teaching and learning. This will encourage not only independent critical thinking and improve communication skills, preparing the student for their professional careers, but will also benefit the faculty to keep pace with the productive research agenda in today's rapidly changing canvas for quality academic research. Another spin off benefit would be that it will enhance their teaching and learning experiences of both faculty and students. The University in turn will benefit from presentations and publications, increasing its visibility in the scientific community.

**3.1.2.** In the aforesaid context, for developing a research culture amongst students at UG and PG levels, the University has decided to introduce following methodology for adoption in all the non-council-based Schools of Studies.

#### 3.1.3. Process:

- Motivation of students by faculty members
- Training of students on research methodology
- Students will be oriented in writing focused research papers

#### 3.1.4. Incentive to the students:

- Appreciation letter from the Vice Chancellor / Certificate by the Dean of the School concerned Photographs with Hon'ble Vice Chancellor and its publication in News Letters / Magazines and Annual Report of the University.
- Uploading of the quality work done on the Sharda University Website/ What's Happening
- Cash reward of Rs. X/- per research papers published in the biannual research journals published by the University.
- Cash reward of Rs. X/- per research papers published in journals cited in SCOPUS/ SCI similar to the policy for faculty members.
- Recommendation for better placements in companies by the Training and Placement Department.

#### 3.1.5. Target:

- 5-10 papers will be published in the first year
- After a year target would be 20
- After 2 years 50 research papers shall be the target

#### 3.1.6. Outcome:

- Enhancement in the quality of project works
- Better placement
- Substantial increases in research publications by the University
- University may show case the initiatives as Best Practice for accreditation by NAAC.
- It would be small step towards research University status, under National Education Policy-2019.

## **CHAPTER – 4: CRITERIA FOR TRAINING PROGRAMS AND MOU'S**

### **4.1 Criteria of (TNA) Training Need Analysis:**

- Create a training bridge between academia and industry current requirement.
- Analyze & identify the requirement of T&P department and imposed skillset accordingly.
- Identify the future technologies & skillset and provide handholding session to the students.

### **4.2 Criteria for selection of Training Partner/Vendors:**

- Collect the quotation from all well-known and reputed vendors.
- Do the deep dive analysis and find out best suitable vendor for training by using different parameters such as budget, certification, quality of training content, delivery methods & mechanisms, assessment tools & techniques etc.

### **4.3 Criteria for Remuneration/Wages/Fees/Contract:**

- Training cost should be based on the batch size, preferably 60-80 students per batch.
- Training payment to be released after the completion of training.
- Rs. 1500 per hour remuneration will be provided to the trainer in case of guest lecturer or short-training session.

### **4.4 Criteria for Agreement/Association/Collaboration:**

- The partners and association body shall select based on availability of Internships, live projects, certification programs, joint research conferences, awareness programs, faculty development programs, Centre for entrepreneurship and innovation etc.

### **4.5 Criteria for Training Assessment & Credit Allocation:**

- Students will receive an additional credit in their mark-sheet if they appear for training conducted by KRITI.
- 15 hours of training consist of 1 credit, while 30 hours consist of 2.
- Those students who will be regular in all training session and would appear for training assessment will only receive the credits.
- With a permission of HOD/HOI the credits shall handed over to the COE.

### **4.6 Criteria for Training Mapping with Academic Curriculum**

- Training program shall be proposed after discussing with academic head & HOD of the respective department so that it can be mapped in accordance with semester syllabus & departmental curriculum.

## **CHAPTER - 5: GUIDELINES FOR CONDUCTION OF TRAINING PROGRAMS**

### **5.1 Guidelines for HOI/HOD/Department:**

- Provide support and assistance to the training programs organised by KRITI.
- Prepare and distribute training program notice to the students and concerned people.
- Share all documentation part with IPO & KRITI Office right after the completion of training program.
- Coordinate with COE to add training program credits in the students mark sheet.
- Allocate faculty member as Program Manager for training programs organised by KRITI.
- Do the arrangement of Training Hall/Lab, Technical Resources, Stationery, Trainer's food (Breakfast & Lunch) and beverages.

### **5.2 Guidelines for Program Manager/Faculty Coordinator:**

- Act as single point of contact to IPO & KRITI Office and handle end to end execution of training program.
- Assist and coordinate to trainer for smooth execution of training program.
- Provide all essential information to the students about training programs.
- Handle the student movements and maintain decorum in the training program.
- Coordinate and manage trainers' food (Breakfast & Lunch) and beverages.
- Do the arrangement of Training Hall/Lab, Technical Resources and Stationery required for training program.
- Collect student attendance twice a day in the training program.
- Collect student feedback on daily basis and compile it.
- Capture photographs of the workshop and share it with team KRITI.
- Distribute assignments & conduct exam for the ongoing training program.
- Prepare result from exam conducted and distribute credits sheet to the KRITI/IPO/COE office.
- Prepare the Training Program Report and submit it to the IPO Office

### **5.3 Guidelines for IPO:**

- Prepare and verify documentation part of all KRITI programs from VC Office.
- Clear the trainer payment from account office instantly right after the completion of training programs.