

NAAC SSR for 2nd Cycle of Accreditation

7.2 Best Practice_1

1. Title of the Practice: **“KIT’s Incubation for Technology Entrepreneurship (KITE).”**

2. Objectives of the Practice:

To develop an effective interface between incubators, industry, and start-ups for identifying, promoting, and nurturing innovative ideas, the KITE is functioning towards these objectives: -

- To Encourage & to expand of Entrepreneurial Skills Among Student
- Enhancing Industry- Institute relationship
- Conduct various workshops, speaker sessions, and other such events and encourage college-level students to start their own enterprises.
- Develop the self-esteem of young entrepreneurs through mentorship and networking.

3. The Context

Understanding the need for time to transform job seekers into job creators, the institute's management has proactively initiated an entrepreneurial skill development initiative and set up an Incubation ecosystem, **“KIT’s Incubation for Technology Entrepreneurship (KITE)**, in the year 2019. A dedicated space of more than 5000Sq feet is allocated for KITE on the institute campus. While 'Entrepreneurship' is growing to be one of the business world's biggest buzzwords, the ED-Cell at the institute is responsible for inculcating entrepreneurship skills and attitudes among the students and also bridging the gap between aspiring student entrepreneurs and well-known businessmen and entrepreneurs through a wide range of activities like workshops, competitions, boot camps, etc. Dr. Sachin Shinde, associate professor (Mechanical Engineering Department), the dean of the IIL, and the president of the IIC, oversees the KITE activities.

4. The Practice:

Under the umbrella of KITE, we have three verticals, ED-cell, start-ups & Innovations. We conduct various activities like the Start-up ignition program, Entrepreneurship awareness program, e-summit, seminars, boot camp, etc. For fostering & entrepreneurship & Nurturing business start-ups, KITE administrates technology start-ups and provides start-to-scale technology for business start-ups. It also provides three critical things, Capability, Capital, and Community, for fast track the journey of start-ups from idea to commercialization.

Incentivizing Students for Innovation and Entrepreneurship

- Institute Allows students to set up Start-ups (Social and tech and non-tech) or work part-time for the start-up while studying/working as an intern
- Allowing students to earn credit for working on Innovative prototypes/Business Models.
- Student Innovators/entrepreneurs are allowed to opt for a start-up in place mini project /major project, seminar and summer training, etc.
- Allow student entrepreneurs to take a semester break/year break to work on their start-up, allowing student entrepreneurs/innovators to sit for the examination. (Institute needs to set minimum attendance after a review by the committee on a case-to-case basis).
- Allowing Student entrepreneurs to use the address of the Hostel (or) pre-incubation and (or) incubation unit to register their venture while studying at the institute.

Incentivizing Faculty for Innovation and Entrepreneurship

- Allowing faculty to start Start-up based on the technology developed in the lab at the institute or previously developed elsewhere but has ownership of IP if technology-based.
- Allow faculty and staff to take off for a semester/year as sabbatical/unpaid leave/casual leave /earned leave for working on a start-up and coming back.
- No restriction on shares that staff and faculty can take as long as they don't spend more than 20% of office time on the start-up.

5. Evidence of Success

Following are the achievements of “KITE.”

1. Funding 14 lacs from MSME- champion scheme under Idea Hackathon 2022 for the short-listed idea.
2. Number of start-ups Registered: 3
3. Number of startups that Received support: 2
4. Institute is also started offering Entrepreneurship/ Innovation related courses in academics.
5. Institute has realized the importance of dedicated infrastructure & facilities and, after taking initiatives, applied for the AICTE IDEA Lab proposal and received the sanction of IDEA lab on 14 June 21.

6. Problems Encountered and Resources Required

- Problems encountered:
 1. Awareness and knowledge among students are less regarding start-up and incubation centers' working.
 2. Students get less time to work on their idea due to exams and submissions.
 3. Lack of mentor support.
 4. Lack of industrial personnel involvement.
- Resources required:

1. Periodic awareness and motivational workshops for students about entrepreneurship and start-ups.
2. Training workshop for faculty mentors for the development of student ideas.
3. Need to work more on how industry and industrial personnel can connect to KITE.
4. More co-working spaces/laboratories/equipment are required for students to work on their ideas.
5. Funding support should be provided.
6. Institute should have an Innovation and start-up policy. And should be revised periodically.

7. Notes


The other institutes also can follow this best practice to encourage, inspire and nurture young students by supporting them to work with new ideas and transform them into prototypes. The institutes can start dedicated sections like “KITE” on their campus with sufficient allocated space. The next step in implementing this type of practice is identifying students with potential ideas to shape a successful startup. To do so, project-based learning (PBL) courses should be added to the curriculum for students in their first- or second-year level. In PBL courses, students will be given real-life or industrial problems to solve. The students will work on finding the solution for the assigned problem throughout the semester. The students with potential ideas can be identified from such activities. Proper guidance and mentoring by faculty members to identify students is necessary throughout the process. Further, the institute should provide dedicated space to work on students ideas with required infrastructure and possibly fund the best ideas.

Date: 12th June 2022

LIST OF IDEAS SCOUTED & PRE-INCUBATED ON CAMPUS & START-UPS REGISTERED

LIST OF START-UPS REGISTERED			
Sr. No.	Team	Idea/Theme	Group leader
1.	VedBiz Technology	Software Development	Mr. Vinayak Pachlag (Alumni) – Status (Graduated)
2.	Green Files	Waste Management	Mr. Aniruddha Joshi (Alumni) Start-up- Virtual
3.	Silicon Enterprise	Giotroun Switch Boards	Mr. Sudhanwa Deshpande (Alumni) Start-up- Virtual
4.	WaveNxD Technologies Pvt. Ltd.	Product Engineering Services	Mr. Atul Nigavekar Mr. Vivek Desai (Faculty Start-up)
5.	OptAIoT Private Limited,	Developing Technologies And Solutions For Enabling Industry 4.0 And Digital Transformation.	Mr. Basavraj Hooli (External Start-up)
6.	TECHDAWN Innovations Pvt. Ltd.	Product Development	Mr. Chinmay Joshi (T. Y. Btech Mechanical) Mr. Aniket Walke (T. Y. Btech Mechanical)

Mrs. Vidula R. Waskar-Patil
Asso. Dean IIL& E-cell Coordinator



Dr. S.S. Shinde
Dean IIL & President IIC

Incubation Innovation & Linkages (IIL)



Date: 12th June 2022

Sr. No.	Year 2019-20	Year 20-21	Year 21-22
1	Established Institutional Incubation Center in January 2019	To develop an entrepreneurial ecosystem at campus in various upcoming areas of technology entrepreneurship with emphasis to product development and be among the leading incubators/innovation centers** With this Vision Institute has	Institute got recognition from MSME as HI business incubator to nurture innovative ideas and create startup enabling ecosystem in and around campus
2	Reformed Institutional Innovation Council	Institute got sanction 1.5 Cr funding from AICTE for AICTE IDEA- LAB . to nurture innovative ideas on campus	Institute has Received 5 Cr. Funding from DCT for NIDHI- iTBI proposal
3	Conducted Entrepreneurship/ Innovation/IPR Activities on Campus to create awareness & nurture Entrepreneurship mindset	Institute got Recognition certificate from ARIIA - As best performer Year 2021 in various activities of E/IPR	Total 5 Number of Ideas Identified, Scrutinized in and around campus and submitted for MSME for further evaluation
4	3 Faculties deputed to Arhus University under Central Erasmus Project for Multi Business Modeling Mobility Workshop at Denmark	Institutional Innovation Council has received 4-Star Rating for activities conducted over the year	One Idea selected by MSME for funding @ 15 Lakh at KIT Incubation Center
5	Total Number of Activities Conducted in year 2019- 20 are 8	Total Number of Activities Conducted in year 2020- 21 are 20	Total Number of Activities Conducted during Year 2021 -22 are 22
6	Number of Startup Registered = 1	Number of Startup Registered = 1	Number of Startup Registered = 2

Date: 12th June 2022

Activities Conducted Year 2021-22

Sr no	Category	Event	Student Benefitted	Conducted Date	Location	Funded By	Amount in Rs
1	Webinar : Orientation Program	“Orientation on Institution Innovations Start-Up Policy”	52	25 th September 2021	KIT College-Online	-	-
2	Webinar : Impact Lecture Series	“Impact Lecture Series:1 Lecture 1: “Start-Up Ignition Program” Resource Person: Mr. Rajesh Gade Lecture 2: Innovation, Incubation, Creativity & ED Resource Person: Dr. A.M. Gurav	40	2nd October 2021	KIT College-Online	MIC	6000/-
3	Quiz	Online quiz on Start-up Innovation & Entrepreneurship	120	15 th Oct 2021	KIT College-Online	-	-
4	Online Pitching Event	Pitching event for Ideas scouted and linkage IA for mentorship support	12	24 th Oct. 2021	KIT College-Online	KIT	2000/-
5	Webinar : Impact Lecture Series	“Impact Lecture Series:1 Lecture 1: “Opportunities in MSME Sector Resource Person: Mr. Amarnath Kulkarni Lecture 2: Finance for Entrepreneurship Development Resource Person: Mr. Vishwanath Pawar	40	25 th October 2021	KIT College-Online	MIC	6000/-

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6	Workshop on Problem Solving	“TUNE UP TECH. SOLUTION”	45	31st October 2021	KIT College	KIT	5000/-
7	Online Webinar	“National Education Day Celebration “ Webinar on “Campus Entrepreneurial Ecosystem” Resource Person: Dr. M. S. Deshmukh	36	11th November 2021	KIT College	-	-
8	Exposure & Field Visit for Problem Identification	Field Visit to LOCATION: 1. Pushparaj Engineers, Gokul shirgaon, MIDC Kolhapur. 2. Yalgud Dairy and Bakery	40	19 th Nov. 21	KIT	-	-
9	Debate Competition	Debate Competition “War- of Words”	38	28th of November 2021	KITE-Conference Hall	-	3000
10	Expert Talk	Expert Talk 1. “Start-up and Business Development in area of Solid Waste Management” 2. “Finance for entrepreneurship Development”	85	8 th Dec 2021	KIT-Seminar Hall	-	-
11	Group Discussion	National Start-up Day Celebration “Group Discussion Competition”	11	16 th January 2022	Online/Virtual platform	-	-
12	Expert Talk on IPR	“Intellectual Property Right (IPR) and patent filling procedures”	25	3rd February 2022	KIT	-	-

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13	Online-Webinar	“Entrepreneurship and Innovation as a Career Opportunity”	131	4 th February 2022	KIT College	-	-
14	Awareness Program	Entrepreneurship Awareness Program by MSME Resource Person 1. Mr. Abhay Daptardar (CDO- MSME) 2. Mr. Satish Shelke GM-DIC 3. Mr. Pravin Kayande MCED- Kolhapur.	234	16th February 2022	KIT College	-	-
15	Online Webinar	Entrepreneurship Skill, Attitude and Behaviour Development Resource Person: Miss. Manasi Shah is the Co-Founder of The Clueless Company.	127	21st February 2022	KIT College	-	-
16	Workshop	“Three Day’s Hands on Workshop for Android Based Automation.”	40	24 th Feb-26 th Feb 2022	KIT-VLSI	-	5000
17	Online- Quiz Competition	“National Start-up Day Celebration” Quiz Competition	101	28th February 2022	KIT College		
18	Hakathon	Internal Smart India Hakathon	10	15 th March 2022	KIT	-	-
19	Webinar-Online	Digital Marketing for Business Development	25	11 th April 2022	KIT	-	-
20	E-Summit	UNICUS-2022 1. Battle of Brand Debate Competition 2. Binders Gambit	25	20 th & 21 st April-22	KIT	-	10000

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21	Workshop	Design Thinking Resource Mr. Ismail Akbari SCEI	60	22 nd & 23 rd April 2022	KIT- Seminar Hall	-	40000
22	Competition	"Prakalp" Project Competition in KIT college of Engineering	110	24 th April 2022	KIT College	KIT College	70,000
22	Online- Webinar	National IP- Awareness Program	25	29 th April 22	KIT	-	-
Total Amount							1,42,000/-

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