कार्यालय-प्राचार्य शासकीय इंजीनियरिंग महाविद्यालय, जगदलपुर (बस्तर)

PHONE NO. 07782229439 – FAX 229401 Email: principal@gecjdp.ac.in

क्र/शा.इ.म.ज./टीक्यूप-III/रो.ज.प्र./004/2017/........   जगदलपुर, दिनांक ....फरवरी, 2018

प्रति,

सेन्ट्रल प्रोजक्ट एडवाइज़र
नेशनल प्रोजेक्ट इम्प्लीमेंटेशन यूनिट (NPIU)
एडसिल हाउस, चतुर्थ तल, प्लाट क्रमांक 18-ए,
सेक्टर 16-ए, नोएडा
उत्तर प्रदेश – 201 301

विषय:- टीक्यूप-III परियोजनांतर्गत महाविद्यालय में संचालित स्टार्टअप इंडिया कार्यक्रम का माइक्रो एक्शन प्लान विषयक।

संदर्भ:- एनपीआई का ईमेल दिनांक 19 जनवरी, 2018 समय अपरान्ह 02:18 बजे।

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विषयांतर्गत संदर्भित ईमेल के माध्यम से प्रेषित निर्धारित प्रपत्र में टीक्यूप-III परियोजनांतर्गत महाविद्यालय में संचालित स्टार्टअप इंडिया कार्यक्रम का माइक्रो एक्शन प्लान, अवधि फरवरी से जून, 2018, पत्र के साथ संलग्न कर आवश्यक कार्यवाही हेतु प्रेषित है।

संलग्न:- उपरोक्तानुसार

प्राचार्य
शासकीय इंजीनियरिंग महाविद्यालय
जगदलपुर, छत्तीसगढ़

पृ.क्र./शा.इ.म.ज./टीक्यूप-III/रो.ज.प्र./004/2017/..471..   जगदलपुर, दिनांक 06 फरवरी, 2018

प्रतिलिपि:-

1. संचालक, तकनीकी शिक्षा संचालनालय, इन्द्रावती भवन नया रायपुर को सादर सूचनार्थ प्रस्तुत।

2. मुख्य कार्यपालन अधिकारी, चिप्स रायपुर को पूर्व प्रेषित कार्यालयीन पत्र क्रमांक शा.इ.म.ज./टीक्यूप-III/रो.ज.प्र./004/2017/295 दिनांक 23 जनवरी, 2018 के अनुक्रम में महाविद्यालय स्तर पर संलग्न माइक्रोएक्शन प्लान अनुसार प्रस्तावित विभिन्न कार्यक्रमों के आयोजन तथा अन्य सुसंगत विषय वस्तुओं के प्रभावी संचालन हेतु आवश्यक सहयोग प्रदान करने के अनुरोध सहित सादर प्रेषित।

3. परियोजना समन्वयक, टीक्यूप-III परियोजना, शास. इंजी. महा.जगदलपुर को सूचनार्थ एवं आवश्यक कार्यवाही हेतु।

4. विभागाध्यक्ष सिविल/विद्युत/ईटीएण्डटी/आईटी/यांत्रिकी/माईनिंग, शास. इंजी. महा.,जगदलपुर, को सूचनार्थ एवं आवश्यक कार्यवाही हेतु।

5. सर्वसंबधितों श्री/श्रीमती...को सूचनार्थ एवं पालनार्थ।

प्राचार्य
शासकीय इंजीनियरिंग महाविद्यालय
जगदलपुर, छत्तीसगढ़

Six Months Micro Action Plan Format for Institution on Start-up Related Activities and to be implemented through Start-up Cell

(Place *LOGO* if you have designed for Start-up Cell)

Name of Start-up Cell (If you want to give any Unique Name): आमची बस्तर

Institute Name & Address: Govt. Engineering College, Jagdalpur

Address:- Dharampura -03, Jagdalpur, Bastar – 494 001

Start-up centre Address:

- Start-up Centre Location Address: **Govt. Engineering College, Jagdalpur**
  Dharampura -03, Jagdalpur, Bastar – 494 001
- Area (sq.meter) allotted for Start-up Centre: Old Workshop, Mechanical Block (Temporarily computer & other relevant labs of each department is used for the same)
- List of Non –IT & IT Facilities Available at Present (If not then Please mentions NA) :

Sl No	Facility Particular	Purpose	Functional Status
1	Computer lab with internet facility(6no) each lab with 25 computer	academic	Functioning
2	CCTV camera	Surveillance	Functioning
3	IP based intercom	Inter departmental communication	Functioning
4	Wi-Fi	Academic+ Research	Functioning
5	Smart class room with internet facility. (projector + interactive board + speakers)	academic	Functioning

Start-up Cell Coordinator Name & Contact Details:

Team Members	Designation	Stream/Discipline	Email	Contact
Dr. Himanshu Agrawal	Associate Professor,	Mechanical Engineering.	Himanshu.jglr@gmail.com	95759-99730

Team Detail (list of Faculty Facilitators with Designation and Stream) & Student Coordinators name and their Contact Details (email & Cell no): If any already identified and there is no limit of number.

S N	Team Members	Designation	Stream/Discipline	Email	Contact
01	Sh. Nutan Diwan	Assistant Profesor	Mechanical	nkdiwan@gecjdp.ac.in	97292-79412
02	Sh. Dilbag Mandole	Assistant Professsor	Mechanical	dsmondloe@gecjdp.ac.in	79871-10678
03	Sh. Ajay Singh Paikra	Assistant Professsor	Mechanical	aspaikra@gecjdp.ac.in	~~98273-86771~~ 9424154590
04	Sh. Praveen	Assistant	Mechanical	pbanjare@gecjdp.ac.in	80854-

	Kumar Banjare	Professsor			44844
05	Sh. Ashish Patle	Assistant Professsor	ET&T	ashishpatle@gecjdp.ac.in	99268-25006
06	Sh. Ramkrishna Dewangan	Assistant Professsor	ET&T	rkdewangan@gecjdp.ac.in	99074-51211
07	Sh. Hitesh Kumar	Assistant Professsor	ET&T	hiteshkumar@gecjdp.ac.in	81035-44677
08	Dr. Arti Shrivastav	Associate Professor	Maths	artishree@yahoo.com	98267-24447
09	Sh. Bhaskar Chandrakar	Assistant Professsor	Civil	chandrakar_bhaskar@yahoo.com	~~98729~~ 94062-00111
10	Sh. Pukhraj Sahu	Assistant Professsor	Civil	pukhrajsahu@gmail.com	94189-62184
11	Sh. S. C. Rajpur	Assistant Professsor	Electrical	scrajput@gecjdp.ac.in	70000-54955
12	Sh. Rewti Raman Yadav	Assistant Professsor	Electrical	rryadav@gecjdp.ac.in	84638-70415

████████████████████ based on the result of GETT:

ET&T 4TH SEM

S.NO.	STUDENT NAME	GETT-SCORE
1	BHOOMIKA SANODIA	45
2	NAGMA KHATOON	40
3	NIDHI RAWAL	40
4	NIBHA RANJAN	39
5	ASHISH KUMAR THAKUR	38
6	KIRAN SAHU	38
7	SHILPA BANERJEE	38

ET&T 6TH SEM

S.NO.	STUDENT NAME	GETT-SCORE
1	PRATIBHA SINGH	42
2	RITIK SHANDILYA	39
3	MANSI CHOWAN	38
4	MUKTI SAHU	37
5	BHAWANA KUMARI	37

IT 4TH SEM

S.NO.	STUDENT NAME	GETT-SCORE
1	RUDRA PRATAP SINGH	45
2	CHANDRA SHEKHAR	38
3	JAYESH DEWANGAN	38

4	AANCHAL GUPTA	37
5	PRAYAS NAG	37

IT 6TH SEM

S.NO.	STUDENT NAME	GETT-SCORE
1	GAUTAM KUMAR SINGH	41
2	NARENDRA KUMAR MARKO	40
3	B.KIRAN KUMAR	39
4	GARIMA BURAD	39
5	ANKITA SAW	36

CIVIL 4TH SEM

S.NO.	STUDENT NAME	GETT-SCORE
1	PURAN	43
2	CHHAYA SAHU	41
3	DAMESH SINHA	41
4	SAKHSI MESHRAM	41
5	SOHEL ALI	38

CIVIL 6TH SEM

S.NO.	STUDENT NAME	GETT-SCORE
1	AYUSH VERMA	43
2	KAMESH VAISHNAV	41
3	LATA DEWANGAN	41
4	CHETNA SINHA	40
5	GIRJA SHANKAR BAGHEL	39

MECHANICAL 4TH SEM

S.NO.	STUDENT NAME	GETT-SCORE
1	GARIMA MESHRAM	41
2	NITIN DUTTA	39
3	VISHWAJEET TIWARI	38
4	ABHISHEK KUMAR	37
5	TOMESH KUMAR VERMA	36

MECHANICAL 6TH SEM

S.NO.	STUDENT NAME	GETT-SCORE
1	ANIL KUMAR JOSHI	46
2	GULSHAN CHANDRA	41
3	RASHMI	38
4	NITESH TIWARI	37

Vision/Goal of Start-up Cell:

Creating a vibrant and dynamic Startup Ecosystem in Technical Institutions by playing a role of pre-incubator to promote, facilitate support system to innovative and entrepreneurial students and faculties to convert their innovative ideas/problems to tech-solution with a feasible business model stage.

Role of Pre-Incubator is to connect various student clubs (Idea clubs, Innovation Clubs, Start-up Clubs) to come up with tech solutions for the problems from Industry, Society, and Market to generate Ideas/Proof of Concepts (PoCs) and helping them to get converted to Prototypes and mentor them to develop business models ready. Therefore, creating a strong pipeline of quality and quantity tech based potential start-ups for incubators industry to take further.

Objective of Start-up Cell:

1. To Develop a Critical Mass of Motivated Students & Faculties with Entrepreneurial Orientation & Skill
2. To Build Infrastructure Support for Innovation & Early Stage Enterprise development and Enabling Access to Resource & Facilities at Institute
3. To Enhance In-House Competency Development to Serve Potential and Early Stage Entrepreneurs and Student Innovators at the Institute.
4. To Strengthen the Inter Department and Inter-Institutional linkage, Incubators and Other Ecosystem Enablers at Different Levels.

About Start-up Cell and Current Status: (Maximum in 500 Words)

The Startup Cell is established at GEC, Jagdalpur in the session 2017-18. At present the cell comprises of 13 faculty members. All the members are young, enthusiastic and full of creativity as well as potential entrepreneur capability. The process of identification of student coordinator to this cell is underway. It may be identified and will be nominated within coming one month. Through these student coordinators 1. Idea Club, 2. Innovation Club and Startup Club will be formed.

Activities of Cell

Planning & implemention of activities in campus, leveraging the existing support facilities at the institution to create awareness, motivation among the prime users (current Students and Alumni) and support to scout generate and convert Ideas to innovation and later to Business Model development during their academic stay period at campus is outlined in the coming section.

Result Based Micro Action Plan with Monitoring & Evaluation (M&E) System & Key Performance Indicators (KPIs).

[The purpose of adopting a Result Based Micro Action Plan with Monitoring & Evaluation (M&E) System & Key Performance Indicators (KPIs) is to maximize the utilization of limited resources efficiently and effectively to achieve the outputs objectively and therefore a meaningful outcome and Impact generation. The support and facilities of Start-up Cell will be access by all users and will function as common for all innovative students and faculties' irrespective of discipline and graduation type and year of academic].

Objective - 1	Current Status: Baseline Value	Planned Activities	Units (No of Activities)		Targets (No of Beneficiaries)		
			Q1 (Jan - Mar)	Q2 (Apr - Jun)	Q1 (Jan - Mar)	Q2 (Apr - Jun)	Total (Q1 +Q2)
1. To Develop a Critical Mass of Motivated Students & Faculties with Entrepreneurial Orientation & Skill	• No or % of Students with Entrepreneurial Tendency out of total Student base in the institute 69 • No or % of Faculties with Entrepreneurial Tendency Ability out of total Student base in the institute 3 • No or % of Students has received exposure to various entrepreneurship awareness and motivation activities/events out of total Student base in the institute 0 • No or % of Students enrolled for Entrepreneurship Elective Course during academic 0 • No or % of Students have possessed or earned e-learning certificates on Entrepreneurship and Innovation 0 • No or % of students registered or part of three different club 0% • No of Ideas Generated per year 0	1.1 Assessment of General Enterprise Tendency (GET) of Students and Faculties	Conduct for all Students & Faculties to identify the DREAMERs with GET Score above 44-56. (DONE) Faculty GETT on 9 jan 2018 Student GETT on 30 jan 2018		Identify approx 69 nos out of 598 total Student base at Institute	Nil	69
		1.2 Conduct of Entrepreneurship Motivation Talk delivered by Successful 4th Generation Entrepreneurs/Start-ups	2 no	2 no	Include as many as students (up to 300 nos)	Include as many as students (up to 300nos)	At least 7% of total student base or 40 No of students to get aware and expose (with in six months) to various entrepreneurship awareness and promotion activities
		1.3 Workshop on Design Innovation/Problem Identification/Rapid Prototyping	1 no		Include as many as students (up to 100nos)		
		1.4 Workshop on Idea Generation (Conduct a Boot Camp or Campus Hackathons in Campus for target Students)		1 no		Include as many as students (up to 100nos)	
		1.5 Make aware about various free e-learning programs on Entrepreneurship & Innovation available at UPGRADE, PMYUVA, SWAYAM, MOOC, CURSERA, EDX etc. among students and faculties to enrol and earn certificates	Throughout the period on continuous basis by displaying the information or circulating emails and holding small orientation sessions or one to one mentor points		Motivate and facilitate for enrolment as many as students (up to 60 nos)		
		1.6 Motivate more students to take Entrepreneurship course as an Elective Subject & earn equivalent Credits through above e-learning and take internship in NGOs, Start-ups etc.					
		1.7 Orient students for the formation of 3 Different Student Clubs (* Idea Club, ** Innovation Club, ***Start-up Club)& Student Membership	Demo Day; Saturday of each week will be the demo day. Demo Day will be conducted in the supervision of mentor Faculty of each branc.		Interested Students	Interested Students	

Please note that, in case absence of substantial number of DREAMERs (Score above 44) then students scored above 35 to 44 may be considered as target category.

Objective - 2	Current Status: Baseline Value	Planned Activities	Units (No of Activities)		Targets (No of Beneficiaries)		
			Q1 (Jan - Mar)	Q2 (Apr - Jun)	Q1 (Jan - Mar)	Q2 (Apr - Jun)	Total (Q1 +Q2)
2. To Build Infrastructure Support for Innovation & Early Stage Enterprise development and Enabling Access to Resource & Facilities at Institute	• No or % of faculty facilitators out of total faculty base involve in implementation of Start-up Cell activities in campus. **13** • No or % of Student leaders out of total Student base involve in implementation of Start-up Cell activities in campus. **Merit list has been prepared** • No of Faculty Facilitators Awarded/Recognized because of their outstanding Leadership effort in Implementing Start-up Cell Activities **NIL** • No of Student Coordinators Awarded/Recognized because of their outstanding Leadership effort in Implementing Start-up Cell Activities **NIL** • No of Tech Business Idea Proposals Submitted by Students/faculties to convert to Proof of Concept/Prototype/ Innovation form **NIL** • No of above Ideas were supported at Institute to convert into Proof of Concept/Prototype/Innovations form **NIL** • No of above Ideas were successfully converted into Proof of Concept/Prototype/Innovation form **NIL** • No of	2.1 Development of Six Month Activity Plan for Start-up Cell (Micro Action Plan)	Attended Orientation Workshop and Preparation of this Document is part of this We will send 2-2 faculties		We will send 2-2 faculties		Operational form of Start up Cell with Service Provisions and Start Supporting • At Least 10 Idea/Tech Solutions to turn to Proof of Concept/Prot otype/Innova tions • At Least 5 PoCs/Protot ype/Innovati on combined with a feasible Business Model Stage • Identify, Acknowledge and Reward certificate to 50 student Leaders and 2 Faculty Facilitators
		2.2 Space Allocation for Start-up Cell if not yet done (Min of 600 Sqm area)	Old Workshop) Mechanical Building Notice will be served to concerned dept.				
		2.3 Procurement of Furniture and Equipments and IT infrastructure for the Start-up Cell	Procurement to be done through GeM portal				
		2.4 Provision small grant requirement for Sponsoring or Supporting various Student Clubs activities promoted under Start-up Cell Umbrella.	Allocate budget of approx 50,000 INR for Student club activities	Allocate budget of approx 1 lakhs INR for Student club activities	Once in Six Month (Identify, Acknowledge and Reward certificate to 50 "Student Leaders" out of total enrolled and actively involved and performed well in Start-up Cell and Student Club activities)		
		2.5 Design and develop portfolio of support services to be offered at Start-up Cell and Guidelines, manuals etc.	Starts	Finalised in consultation with C.G. incubation centre C.G.		Service Chart Displayed Public	
		2.6 Design and Print Promotion Material for Start-up Cell	Starts	Finalised in consultation with C.G. incubation centre C.G.		Materials ready for Distribution	
		2.7 Team Development of Start-up Cell (Identify and Finalize interested faculty facilitators and student leaders to join and implement the above planned activities)	Done		Start with 3-5 genuinely interested facilitators &5-6 student coordinators and gradually add the numbers Mentor facilitators and student coordinators are already identified		

PoCs/Prototype/Innovation Proposals were received for converting into Business Model Development form **NIL** • No of above Innovation proposals were supported at Institute to develop B-Model **NIL** • No of above Innovations were successfully developed a Business Model **NIL**	2.8 Establish a 3-5 member Screening Committee comprises representative from Academia, discipline, industry, start-ups etc. for the screening of Ideas and Innovations to be supported	To be Finalised screening committee in consultation with concerned person			
	2.9 Create provision for Seed money to support through start-up cell • Idea/Problems for Proof of Concept/Prototype/Innovations • PoCs/Prototype/Innovation to Business Model Development	Demo Day: Student Idea & Innovation Club will scout Proposals & Channelize to Start-up Cell	Demo Week - Specifyweek once in every 3 months to scrutinize proposals & award seed prize		Seed Support: 10 Ideas to Innovation 5 Innovations to a Business Model

Objective - 3	Current Status: Baseline Value	Planned Activities	Units (No of Activities)		Targets (No of Beneficiaries)		
			Q1 (Jan - Mar)	Q2 (Apr - Jun)	Q1 (Jan - Mar)	Q2 (Apr - Jun)	Total (Q1 +Q2)
3. To Enhance In-House Competency of faculties to Serve Mentor and Advisory Services to Potential and Early Stage Entrepreneurs and Student Innovators at the Institute.	• Total No or % of competent and interested faculty and Student experts available for mentoring and Advisory services to student Innovators and potential Start-ups.................. • No or % of Faculty Experts out of total faculty base reallyinvolve in Mentoring and Advisory Services in campus............ • No of Student Experts reallyinvolve in Mentoring and Advisory Services in Campus............ • No of Faculty and Student Experts Trained on Mentoring and Advisory Services during a particular year • No of Experts Awarded/Recognized	3.1 Identify and Setup of In-house Expert Pool of Faculties and Experienced Students as Mentors and Advisory Services on Innovation & Enterprise Development	Develop pool between faculty and students. Conduct Alumni meet (founders, industrialist, etc.), In house activity		Looking for entrepreneur alumni Conduct Alumni meet (founders, industrialist, etc.), In house activity		
		3.2 Capacity Development of Empanelled Faculty and Student Experts in Specific Areas - IPR and Technology Transfer & Commercialization	2 day workshop by CG INC. centre		25 Faculties and Student Experts		
		3.3 Faculty Development Program (FDP) for Identified Faculty Experts: Sub Focus Areas Includes Design Innovation, UI/UX Design, Rapid Prototype, Enterprise Development and Business Modelling, Market Research Tools etc.	4 day workshop		25 Faculties Experts		
		3.4 Entrepreneurship Development Program (EDP) for Identified Faculty		4 Day workshop		50 Faculties and Student	

		& Student Coordinator Club Members				Experts and Student Leaders & Coordinators
because of their outstanding Mentoring efforts................... • No of Student Experts Awarded/Recognized because of their outstanding mentoring effort....................		3.5 Fund Research Studies on Entrepreneurship and Conduct a Knowledge Sharing and Regional Policy Advocacy Program		1 day		1 Policy Advocacy Event
		3.6 Mentor Faculties and student Experts' Exposure Visit Programs to lead Incubator and Research Park or Innovation Lab in Country	SSTC BI, JUNWANI,BHILAI, ,CHHATTISGARH	CG INC. centre , RAIPUR, CHHATTISGARH	10 member team	10 member team

Objective - 4	Current Status: Baseline Value	Planned Activities	Units (No of Activities)		Targets (No of Beneficiaries)		
			Q1 (Jan - Mar)	Q2 (Apr - Jun)	Q1 (Jan - Mar)	Q2 (Apr - Jun)	Total (Q1 +Q2)
4. To Strengthen the Inter Department and Inter-Institutional linkage, Incubators and Other Ecosystem Enablers at Different Levels.	• Level of Interaction among disciplines or streams and team composition........... NIL. • No of Regional, National and International linkages established for the start-up & innovation area...............NIL • No or % of Representatives of experts & entrepreneurial students across Dept & Disciplines...............NIL.... • No of Student innovation with Business Model are referred to	4.1 Conduct Inter-Department Interaction Session and "Ideate" Competitions through Student Clubs (Select a particular Technical thrust area and link with Current Industry & Societal problem & Entrepreneurship opportunity, further teaming up among students to develop the Proof of Concepts for the proposed Solutions).	1. Interaction session 1 on 7th February 2018 2. Interaction session 2 on 8th February 2018	1. Interaction session 1 on 12th April 2018 2. Interaction session 2 on 13th April 2018	50-60 Students and Faculties	50-60 Students and Faculties	
		4.2 Exposure Visit and Short tour program to Nearest/regional lead Incubators, research parks etc for students	As per objective 3.6	As per objective 3.6	50-60 Students and Faculties	50-60 Students and Faculties	
		4.3 Support/Sponsor Student Body/Club to organize an Inter-Institutional tech-innovation & Student Start-up Exhibition or E		An Inter-Institutional tech-innovation &		Provide opportunity to 20-30 student	

	Incubators/investors for further support through Start-up Cell...NIL.............. • No of Beneficiaries supported under various schemes and programs leveraged and converged at Start-up Cell....NII.... • No ofStudents innovators Entrepreneurs received Award/Recognized in various B Plan competitions and other events participated at national an International level...........NII..........	Summit or B-Plan Competitions. (Regularise this kind of Programs in campus Once in every Six Month).		Student Start-up Exhibition or E-Summit or B-Plan Competitions on 24th April 2018		Innovators to showcase innovations	
		4.4 Encourage Students to participate and present their Ideas/Start-up models in various B-Plan Competitions/Events/Workshops organized by other Lead institutes.	Continuous	Continuous	Continuous		
		4.5 Explore and Leverage Other Central and State Govt Schemes and programs (In Addition TEQIP -III Fund) and CSR fund to Support Start-up Activities at Start-up Cell and to fund Student Ideas, Innovations and Business Models and Early Stage Start-ups	Continuous with the help of Chhattisgarh incubation center the institute is trying to help more and more physical and human resources		Continuous with the help of Chhattisgarh incubation center the institute is trying to help more and more physical and human resources		

Objective	Planned Activities	Units Cost	Total No of Activity	Total Cost of Activity

		Activity (Rs.)	Q1	Q2	Q1 (Jan - Mar)	Q2 (Apr - Jun)	Total Cost (Rs.)
1. To Develop a Critical Mass of Motivated Students & Faculties with Entrepreneurial Orientation & Skill	1.1 Assessment of General Enterprise Tendency (GET)* of Students and Faculties	2070	2070	NIL			2070
	1.2 Conduct of Entrepreneurship Motivation Talk delivered by Successful 4th Generation Entrepreneurs/Start-ups	50000	2	2	100000	100000	200000
	1.3 Workshop on Design Innovation/Problem Identification/Rapid Prototyping	200000	1	NIL	200000	NIL	200000
	1.4 Workshop on Idea Generation (Conduct a Boot Camp or Campus Hackathons in Campus for target Students]	200000	NIL	1	NIL	200000	200000
	1.5 Make aware about various free e-learning programs on Entrepreneurship & Innovation available at UPGRADE, PMYUVA, SWAYAM, MOOC, CURSERA, EDX etc. among students and faculties to enrol and earn certificates	NIL	1 CLASS PER WEEK PER BRANCH(INCL. REG TIME TABLE)		NIL	NIL	NIL
	1.6 Motivate more students to take Entrepreneurship course as an Elective Subject & earn equivalent Credits through above e-learning and take internship in NGOs, Start-ups etc.						
	1.7 Orient students for the formation of 3 Different Student Clubs (* Idea Club, ** Innovation Club, ***Start-up Club)& Student Membership	NIL	1ST Saturday – Idea Club 2nd & 3rd Innovation 4th – Startup of every month		NIL	NIL	NIL
2. To Build Infrastructure Support for Innovation & Early Stage Enterprise development and Enabling Access to Resource & Facilities at Institute.	2.1 Development of Six Month Activity Plan for Start-up Cell (Micro Action Plan)	NIL	NIL	NA	NIL	NIL	NIL
	2.2 Space Allocation for Start-up Cell if not yet done (Min of 600 Sqm area)	NIL	NIL	NIL	NIL	NIL	NIL
	2.3 Procurement of Furniture and Equipments and IT infrastructure for the Start-up Cell	NIL	1	0	800000	NIL	800000
	2.4 Provision small grant requirement for Sponsoring or Supporting various Student Clubs activities promoted under Start-up Cell Umbrella.	50000	4	4	150000	300000	450000
	2.5 Design and develop portfolio of support services to be offered at Start-up Cell and Guidelines, manuals etc.	NIL	NIL	NIL	50,000		
	2.6 Design and Print Promotion Material for Start-up Cell		NIL	NIL			
	2.7 Team Development of Start-up Cell (Identify and Finalize interested faculty facilitators and student leaders to join and implement the above planned activities)	NIL	NIL	5	NIL	NIL	NIL
	2.8 Establish a 3-5 member Screening Committee comprises representative from Academia, discipline, industry, start-ups etc. for the screening of Ideas and Innovations to be supported	NIL	NIL	NIL	NIL	NIL	NIL
	2.9 Create provision for Seed money to support through start-up cell •Idea/Problems for Proof of Concept/Prototype/Innovations	250000	Nil	5	NIL	NIL	250000
	•PoCs/Prototype/Innovation to Business Model Development						

Total Expenditure			5	14	1250000	300000	

Objective	Planned Activities	Units Cost Activity (Rs.)	Total No of Activity		Total Cost of Activity		
			Q1	Q2	Q1 (Jan - Mar)	Q2 (Apr - Jun)	Total Cost (Rs.)
3. To Enhance In-House Competency of faculties to Serve Mentor and Advisory Services to Potential and Early Stage Entrepreneurs and Student Innovators at the Institute.	3.1 Identify and Setup of In-house Expert Pool of Faculties and Experienced Students as Mentors and Advisory Services on Innovation & Enterprise Development	100000	1	1	100000	100000	200000
	3.2 Capacity Development of Empanelled Faculty and Student Experts in Specific Areas - IPR and Technology Transfer & Commercialization	200000	1	NIL	200000	NIL	200000
	3.3 Faculty Development Program (FDP) for Identified Faculty Experts: Sub Focus Areas Includes Design Innovation, UI/UX Design, Rapid Prototype, Enterprise Development and Business Modelling, Market Research Tools etc.	400000	1	NIL	400000	NIL	400000
	3.4 Entrepreneurship Development Program (EDP) for Identified Faculty & Student Coordinator Club Members	400000	NIL	1	NIL	400000	400000
	3.5 Fund Research Studies on Entrepreneurship and Conduct a Knowledge Sharing and Regional Policy Advocacy Program	100000	NIL	1	NIL	100000	100000
	3.6 Mentor Faculties and student Experts' Exposure Visit Programs to lead Incubator and Research Park or Innovation Lab in Country	100000	1	1	100000	100000	200000
4. To Strengthen the Inter Department and Inter-Institutional linkage, Incubators and Other Ecosystem Enablers at Different Levels.	4.1 Conduct Inter-Department Interaction Session and "Ideate" Competitions through Student Clubs (Select a particular Technical thrust area and link with Current Industry & Societal problem & Entrepreneurship opportunity, further teaming up among students to develop the Proof of Concepts for the proposed Solutions).	NIL	NIL	NIL	NIL	NIL	NIL
	4.2 Exposure Visit and Short tour program to Nearest/regional lead Incubators, research parks etc for students	100000			100000		200000
	4.3 Support/Sponsor Student Body/Club to organize an Inter-Institutional tech-innovation & Student Start-up Exhibition or E-Summit or B-Plan Competitions. (Regularise this kind of Programs in campus Once in every Six Month).	100000	NIL	1	NIL	100000	100000
	4.4 Encourage Students to participate and present their Ideas/Start-up models in various B-Plan Competitions/Events/ Workshops organized by other Lead institutes.	Regular Activity					
	4.5 Explore and Leverage Other Central and State Govt Schemes and programs (In Addition TEQIP –III Fund) and CSR fund to Support Start-up Activities at Start-up Cell and to fund Student Ideas, Innovations and Business Models and Early Stage Start-ups	Depends on Govt. Policy					

Time Line

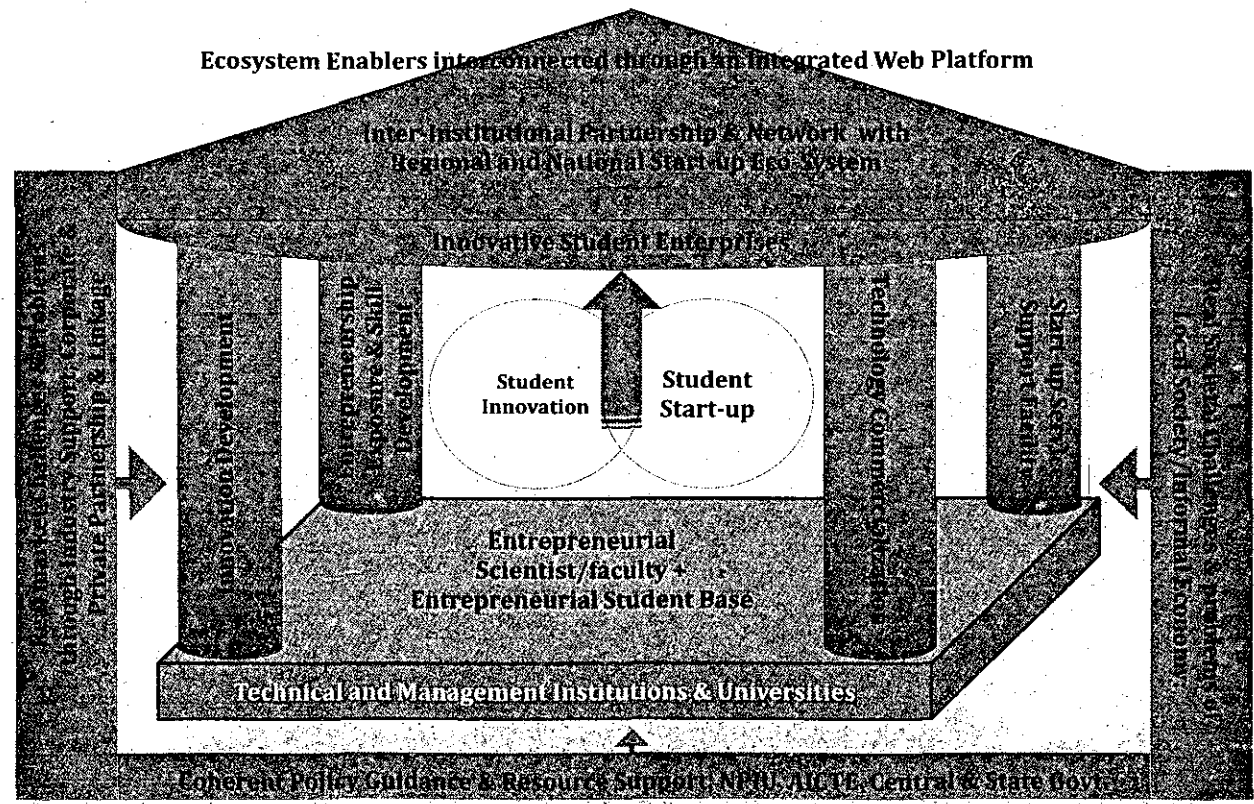| Objective	Planned Activities	Time Line					
		Q1			Q2		
		Jan-18	Feb -18	Mar-18	Apr-18	May-18	Jun-18
1. To Develop a Critical Mass of Motivated Students & Faculties with Entrepreneurial Orientation & Skill	1.1 Assessment of General Enterprise Tendency (GET)* of Students and Faculties	DONE ▓▓	▓▓▓▓				
	1.2 Conduct of Entrepreneurship Motivation Talk delivered by Successful 4th Generation Entrepreneurs/Start-ups		▓▓▓▓	21th & 22th	12th & 13th	▓▓▓▓	
	1.3 Workshop on DesignInnovation/Problem Identification/Rapid Prototyping ✓			19th			
	1.4 Workshop on Idea Generation (Conduct a Boot Camp or Campus Hackathons in Campus for target Students) ✓				17th		
	1.5 Make aware about various free e-learning programs on Entrepreneurship & Innovation available at UPGRADE, PMYUVA, SWAYAM, MOOC, CURSERA, EDX etc. among students and faculties to enrol and earn certificates	1 CLASS PER WEEK PER BRANCH					
	1.6 Motivate more students to take Entrepreneurship course as an Elective Subject & earn equivalent Credits through above e-learning and take internship in NGOs, Start-ups etc.						
	1.7 Orient students for the formation of 3 Different Student Clubs (* Idea Club, ** Innovation Club, ***Start-up Club)& Student Membership	1ST Saturday – Idea Club 2nd & 3rd Innovation 4th – Startup of every month					
2. To Build Infrastructure Support for Innovation & Early Stage Enterprise development and Enabling Access to Resource & Facilities at Institute	2.1 Development of Six Month Activity Plan for Start-up Cell (Micro Action Plan)						
	2.2 Space Allocation for Start-up Cell if not yet done (Min of 600 Sqm area)		9th				
	2.3 Procurement of Furniture and Equipments and IT infrastructure for the Start-up Cell			20th			
	2.4 Provision small grant requirement for Sponsoring or Supporting various Student Clubs activities promoted under Start-up Cell Umbrella.		Every Tuesday	Every Tuesday			
	2.5 Design and develop portfolio of support services to be offered at Start-up Cell and Guidelines, manuals etc.			30TH			
	2.6 Design and Print Promotion Material for Start-up Cell			30TH			
	2.7 Team Development of Start-up Cell (Identify and Finalize interested faculty facilitators and student leaders to join and implement the above planned activities)			30TH			
	2.8 Establish a 3-5 member Screening Committee comprises representative from Academia, discipline, industry, start-ups etc. for the screening of Ideas and Innovations to be supported		9TH				

2.9 Create provision for Seed money to support through start-up cell •Idea/Problems for Proof of Concept/Prototype/Innovations			21,22,23	
•PoCs/Prototype/Innovation to Business Model Development				

Objective	Planned Activities	Time Line					
		Q1			Q2		
		Jan-18	Feb-18	Mar-18	Apr-18	May-18	Jun-18
3. To Enhance In-House Competency of faculties to Serve Mentor and Advisory Services to Potential and Early Stage Entrepreneurs and Student Innovators at the Institute.	3.1 Identify and Setup of In-house Expert Pool of Faculties and Experienced Students as Mentors and Advisory Services on Innovation & Enterprise Development						
	3.2 Capacity Development of Empanelled Faculty and Student Experts in Specific Areas - IPR and Technology Transfer & Commercialization			12TH - 13TH			
	3.3 Faculty Development Program (FDP) for Identified Faculty Experts: Sub Focus Areas Includes Design Innovation, UI/UX Design, Rapid Prototype, Enterprise Development and Business Modelling, Market Research Tools etc.			14TH – 17TH			
	3.4 Entrepreneurship Development Program (EDP) for Identified Faculty & Student Coordinator Club Members				2ND – 5TH		
	3.5 Fund Research Studies on Entrepreneurship and Conduct a Knowledge Sharing and Regional Policy Advocacy Program				6TH		
	3.6 Mentor Faculties and student Experts' Exposure Visit Programs to lead Incubator and Research Park or Innovation Lab in Country			16TH	16TH		
4. To Strengthen the Inter Department and Inter-Institutional linkage, Incubators and Other Ecosystem Enablers at Different Levels.	4.1 Conduct Inter-Department Interaction Session and "Ideate" Competitions through Student Clubs (Select a particular Technical thrust area and link with Current Industry & Societal problem & Entrepreneurship opportunity, further teaming up among students to develop the Proof of Concepts for the proposed Solutions).		7-8 Feb	12-13 Apr	13-14		
	4.2 Exposure Visit and Short tour program to Nearest/regional lead Incubators, research parks etc for students			24 april	10-12		
	4.3 Support/Sponsor Student Body/Club to organize an Inter-Institutional tech-innovation & Student Start-up Exhibition or E-Summit or B-Plan Competitions. (Regularise this kind of Programs in campus Once in every Six Month).				3-4		
	4.4 Encourage Students to participate and present their Ideas/Start-up models in various B-Plan Competitions/Events/ Workshops organized by other Lead institutes.	Regular Activity					

4.5 Explore and Leverage Other Central and State Govt Schemes and programs (In Addition TEQIP –III Fund) and CSR fund to Support Start-up Activities at Start-up Cell and to fund Student Ideas, Innovations and Business Models and Early Stage Start-ups	Depends on Govt. Policy

Model of an Ideal Start-up Ecosystem

Ecosystem Enablers interconnected through an Integrated Web Platform

Inter-Institutional Partnership & Network with Regional and National Start-Up Eco-System

Innovative Student Enterprises

Student Innovation | Student Start-up

Entrepreneurial Scientist/faculty + Entrepreneurial Student Base

Technical and Management Institutions & Universities

Coherent Policy Guidance & Resource Support: NRDC, AICTE, Central & State Govt.

Conclusion