

K.S.R.M. COLLEGE OF ENGINEERING



(UGC-AUTONOMOUS)

Kadapa, Andhra Pradesh, India- 516 003

Approved by AICTE, New Delhi & Affiliated to JNTUA,
Ananthapuramu.

An ISO 14001:2004 & 9001: 2015 Certified Institution

Lr./KSRMCE/ NISP /

Date: 17.06.2022

The committee has approved the KSRMCE National Innovation Startup policy 2022(KNISP) with effect from 17.06.2022 and circulate the policy to the stake holders, faculties and students.

| S.No | Name of member | Role | Signature |
|------|---|----------------|-----------------|
| 1. | Dr. V. S. S. Murthy Principal, Professor in MECH, KSRMCE, Kadapa | Chairman | V. S. S. Murthy |
| 2. | Dr. M. Venkatanarayana Dean CRI/Professor in ECE, KSRMCE, Kadapa | Convener | M. V. N. |
| 3. | Dr. T. Mariprasath Associate Professor in EEE, KSRMCE, Kadapa | Coordinator | T. M. P. |
| 4. | Dr. P. Kishore Assistant Professor in H&S, KSRMCE, Kadapa | Co-coordinator | P. Kishore |
| 6. | Mr. V. Gopi Tilak Assistant Professor in ECE, KSRMCE, Kadapa | Members | V. G. T. |
| 7. | Dr. P. Lokeshwarreddy Assistant Professor in ECE, KSRMCE, Kadapa | Members | P. L. |
| 8. | Dr. S. Nageswara Rao Associate Professor in CSE, KSRMCE, Kadapa | Members | S. N. R. |

T. M. P.
Coordinator

M. V. N.
Convener

V. S. S. Murthy
Principal
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KADAPA - 516 003. (A.P.)

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KSRMCE INNOVATION AND STARTUP POLICY for STUDENTS AND FACULTY

A yellow banner for K.S.R.M. College of Engineering (Autonomous). It features the college's logo on the left, the NAAC B+ Grade logo in the center, and the JNTUA Ananthapuramu and UGC Autonomous logos on the right. The text "K.S.R.M COLLEGE OF ENGINEERING (AUTONOMOUS) KADAPA-516003, A.P, INDIA" is prominently displayed in the center.

www.ksrmce.ac.in

Abstract

KSRMCE Innovation and Start-up Policy for Students and Faculty of K.S.R.M College of Engineering (Autonomous) will enable the institute to actively engage students, faculty in innovation and entrepreneurship related activities. This framework will also facilitate the institute in terms of Intellectual Property ownership management, technology licensing equity sharing, thus enabling creation of a robust innovation and Start up ecosystem.

KSRMCE Startup and Innovation Policy (KISP)

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About KSRMCE

Sri Kandula Obul Reddy charities founded by Late Sri Kandula Obul Reddy during 1980 and the K.S.R.M. College of Engineering, Kadapa was started during 1980-81. This Institution is functioning with the following Courses for the academic year 2021-2022.

| S.NO | B.TECH - COURSE | IN-TAKE |
|-------|--|---------|
| 1. | Artificial Intelligence and Machine learning (AI&ML) | 60 |
| 45646 | Computer Science Engineering (CSE) | 180 |
| 45647 | Civil Engineering (CE) | 120 |
| 4. | Electronics and Communications Engineering (ECE) | 180 |
| 45646 | Mechanical Engineering (ME) | 120 |
| 45647 | Electrical and Electronics Engineering (EEE) | 60 |

| S.NO | M.TECH - COURSE | IN-TAKE |
|------|---|---------|
| 1. | Civil Engineering (Geo technical engineering) | 18 |
| 2. | Computer Science Engineering (Artificial Intelligence and Data science) | 18 |
| 3. | Electronics and Communications Engineering (Embedded System & VLSI) | 18 |
| 4. | Electrical and Electronics Engineering (POWER SYSTEMS) | 18 |
| 5. | Mechanical Engineering (Renewable Energy) | 18 |

ACCREDITATION OF NBA:-

The National Board of Accreditation (NBA), New Delhi has been issued accreditation twice to this Institution for the following years. Accreditation Issued for 3 Years (2006 to 2009) Vide F.No.NBA/ACCR-603/2004, July 27, 2006 ie., from 27-07-2006. Accreditation issued for 2 Years (2012 to 2014) Vide 11-79/2010/NBA/. Dated Nov.,8th 2012 from 28-08-2012.

ACCREDITATION OF NAAC:-

The National Assessment and Accreditation Council, Bangalore has issued NAAC accreditation on March, 23, 2013 with a validation upto March, 22 2018.

The National Assessment and Accreditation Council, Bangalore has issued NAAC accreditation on November, 02, 2018 with a validation upto November, 01 2023.

AUTONOMOUS STATUS:-

The University Grants Commission, New Delhi has issued conferment Fresh Autonomous Status to this Institution for 6 Years ie., 2014 to 2020 Vide Lr.No. F.-22-1/2014 (AC) dated 19-6-2014. Autonomous Status Extended from 2021 to 2026 ie., for 5 Years Vide Lr.No.F.22-1/2017 (AC), dated 15-09-2021.

RECOGNITION OF RESEARCH CENTRES:-

The Registrar, JNTUA, Ananthapuram has been granted permission to start a Full time Research Centre in the Discipline of Computer Science Engineering and Civil Engineering Departments for a period of 3 years Vide Ref. No: AI/R&D/R.R.C /KSRMCE/2019-20, dated 28-01-2020.

The Campus:

The College campus is located 7 K.M. away from Kadapa town on Kadapa to Pulivendula Highway in a calm and salubrious area of 35 acres. The College is set in a serene environment with lush greenery and fresh air. Four multi-storeyed RCC structures measuring 26,700 sqm provide accommodation for the departments. The College has a dedicated electric power feeder and 250 KVA substation. Other capital resources include transport vehicles and four hostels. Excellent Bus and air facilities exist from Kadapa to Hyderabad, Vijayawada, Nellore, Tirupati, Kurnool, Bangalore, Chittoor and Chennai.

Preamble

In order to enable us to understand the current role and involvement in streamlining and strengthening the innovation and startup ecosystem in the Institute, MHRD's Innovation Cell (MIC) along with All India Council of Technical Education (AICTE) conducted Orientation Programs on the theme "Orientation and Adoption of NISP at HEI Level" in the month of August 2020 with the following learning objectives;

- Reason for adoption of National Innovation and Startup Policy (NISP) by HEIs
- Provisions and components in NISP for HEIs to implement
- Desirable approaches, expected outcomes and likely impacts which will be created both at Micro & Macro level and Short- and Long-Term
- Task Sheet preparation: To-do list for adoption

KSRMCE is constituted an eleven member committee according to MIC instructions to brainstorm and develop KSRMCE Innovation and Startup Policy (KISP) to address the need for inculcation of innovation and entrepreneurial culture in the University. This committee deliberated on various facets for nurturing innovation and Startup culture in KSRMCE, which covered Intellectual Property ownership, revenue sharing mechanisms, norms for technology transfer & commercialization, equity sharing, etc. After several rounds of discussion, "KSRMCE Innovation and Startup Policy 2022" for students and faculty of KSRMCE was prepared.

Vision:

The National Student and Faculty Startup Policy” is initiated by MHRD’s Innovation Cell and AICTE. It is a guiding framework to envision an educational system oriented towards start-ups and entrepreneurship opportunities for student and faculties.

The guidelines provide ways for developing entrepreneurial agenda, managing Intellectual Property Rights (IPR) ownership, technology licensing and equity sharing in Start-ups or enterprises established by faculty and student and encourage them to actively pursue path of innovation and entrepreneurship. Our vision is to develop high quality technical human resource capable of doing cutting edge research and innovation and deep-tech entrepreneurship.

Mission:

- To establish vibrant and dynamic Startup Ecosystem across all the departments.
- To enable the institute to actively engage students, faculties and staff in innovation and entrepreneurship related activities.
- To create a space for Collaboration, Co-creation, Business Relationships and Knowledge Exchange.
- To facilitate the institute in terms of Intellectual Property (IP) ownership management, technology licensing and equity sharing.

Objectives:

- ✓ Innovation Development
- ✓ Entrepreneurship Exposure and Skills Development
- ✓ Support Facilities for Start-up Services
- ✓ Inter-Institutional Partnership
- ✓ Network with Regional and National Start-up Eco-System
- ✓ Industry Support, Corporate & Private Partnership Linkage
- ✓ Technology Commercialization

Goals:

- ✓ Developing critical thinking skills to motivate students and faculties with entrepreneurial abilities.
- ✓ Building Innovation and Incubation ecosystem by providing resources available at the institute.
- ✓ In-house competency development to serve potentiality to the incubators.
- ✓ Strengthen the intra and inter institutional linkage with ecosystem enablers at different levels.
- ✓ Defining Key Performance (KPIs) for Entrepreneurial Performance Impact Assessment.

KSRMCE Startup and Innovation Policy (KISP)

Committee for KSRMCE Innovation and Startup Policy (KISP)

The following members are nominated for the KSRMCE Innovation Startup Policy Development Committee Based on National Innovation and Startup Policy (NISIP) Guidelines.

| S.No | Name of member | Role |
|------|---|----------------|
| 1. | Dr. V. S. S. Murthy Principal, Processor in MECH, KSRMCE, Kadapa | Chairman |
| 2. | Dr. M.Venkatanarayana Dean CRI/Professor in ECE, KSRMCE, Kadapa | Convener |
| 3. | Dr. T. Mariprasath Associate Professor in EEE. KSRMCE, Kadapa | Coordinator |
| 4. | Dr. P. Kishore Assistant Professor in H&S, KSRMCE, Kadapa | Co-coordinator |
| 5. | Dr. C. Chandra Mouli Incubation Manager, Sri Krishnadevaraya University, Andhra Pradesh, India. | Member |
| 6. | Mr. V.Gopi Tilak Assistant Professor in ECE, KSRMCE, Kadapa | Members |
| 7. | Dr. P. Lokeshwarreddy Assistant Professor in ECE, KSRMCE, Kadapa | Members |
| 8. | Dr.S. Nageswara Rao Associate Professor in CSE, KSRMCE, Kadapa | Members |
| 9. | Mr. S. Varatharajan Division Head, D.NO.1/329-A, Polupalli, Post, Billanakuppam, Tamil Nadu 635115 | Members |
| 10. | Mr. N. Kiran Kumar Student of CSE, KSRMCE, Kadapa | Members |
| 11. | Miss. S Swarnalatha Student of CSE, KSRMCE, Kadapa | Members |
| 12. | Mr. K. Abhinav Karthik, Infinity Systems, Plot no 68, Defense colony, Scinikpuri Secunderabad, Hyderabad,TS-500094 | Members |

Members of Brainstorming Meetings for KSRMCE Innovation and Startup Policy (SISP) Development

| S.No | Name of member | Role |
|-------------|--|----------------|
| 1. | Dr. V. S. S. Murthy Principal, Processor in MECH, KSRMCE, Kadapa | Chairman |
| 2. | Dr. M.Venkatanarayana Dean CRI/Professor in ECE, KSRMCE, Kadapa | Convener |
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| 9. | Mr. N. Kiran Kumar Student of CSE, KSRMCE, Kadapa | Members |
| 10. | Miss. S Swarnalatha Student of CSE, KSRMCE, Kadapa | Members |

1. Strategies and Governance

- a. KSRMCE intends to establish an ecosystem that can inspire an entrepreneur in every household with the aid of the Innovation and Startup Policy. Specific goals and related performance indicators must be set for evaluation in order to help the KSRMCE foster the growth of an entrepreneurial environment.
- b. The NISP Coordinator, KSRMCE, will be in charge of implementing the entrepreneurial agenda and securing the necessary commitment, with the cooperation of the higher KSRMCE authorities.
- c. Each incubator and Center in KSRMCE should have independent autonomy in order to reduce hierarchical obstacles and speed up decision-making.
- d. Research and activities in startups involving microorganisms, animals, or humans should be approved by the relevant KSRMCE ethical committee.

2. Resource Mobilisation

Strategies will be established to organize resources to support pre-incubation infrastructure, incubation infrastructure, and other facilities. To ease administrative obstacles to working on the entrepreneur agenda, a corporate sustainability strategy should be created.

- a. KSRMCE will offer facilities and enable initiatives that foster innovation and startups.
- b. KSRMCE make an effort to raise money from a variety of sources, including State and Central DST, DBT, MHRD, AICTE, TDB, TIFAC, DSIR, CSIR, BIRAC, NSTEDB, NRDC, Startup India, Invest India, MeitY, MSDE, MSME, and other sources as well as nongovernmental ones.
- c. In accordance with Section 135 of the Company Act 2013, KSRMCE may contact the private and corporate sectors to raise money to support incubators and incubates.
- d. KSRMCE may also raise money through donations and sponsorships. For the purpose of supporting innovation and entrepreneurship, KSRMCE will actively engage its alumni network (I&E).
- e. The institution may establish connections between the startups and national or international funders and permit the startups to engage in corporation researching initiatives to make money.
- f. A "Student Startup Fund" will be established by KSRMCE in collaboration with businesses, venture capitalists, and governmental organisations to assist exceptional startups.

3. Startups Enabling Institutional Infrastructure

a. Initially create Pre-incubation facility

- a) This is for KSRMCE students to use.
- b) Enrollment of students at the pre-incubation facility and having a faculty member serve as a mentor for each student.
- c) This is a system that allows pupils "test" their concepts and they will have six months to prove their theories.
- d) The incubator or another department will have space available for pre-incubatees to establish proof of concept.
- e) If possible, the institute will grant a seed fund.
- f) All academic members and students who are interested can access the Pre-incubation Center.
- g) Pre-incubation Center will regularly hold "Ideation Festivals/Hackathons" to inspire students to create and foster innovation.
- h) Pre-incubation will last for six months.

b. Incubation Centers

After completing Pre-incubation phase, Pre-incubatee to sign in as Incubatee in the Incubators.

- a) After their revolutionary thoughts are proven, they are able to check in a Startup employer.
- b) Eligibility criteria: college students who've completed pre-incubation, Alumni of the university, normal school, and individuals partnered with college.
- c) Upon admission within the incubation centre, the subsequent centres can be presented to the incubate corporations on chargeable basis as determined by the institute
 - office area
 - computer systems
 - Printer
 - net connection
 - standard fixtures as determined by KSRMCE/Incubators
 - basic and superior contraptions of KSRMCE
 - record scanner
 - Library
 - meeting and convention rooms with tele or video conferencing centres

A corporation desirous of getting seed loan may additionally put up an software for seed fund after three months of incubation. The application of the seed loan shall in reality indicate the requirement, activities, expenditure heads and timeline. Tenure of Incubation might be for two yrs with extension of some other 6 months, if wanted.

c. Mentoring and Advisory Services

- ❖ Making use of KSRMCE's technological know-how and lab facilities is one of Incubation's goals. As a result, each incubatee who receives incubation is required to choose a faculty member from KSRMCE's who will serve as their mentor and provide advice to the business on product development.
- ❖ Making specialised or experienced mentors available to the incubatees to help with specific tactics or offer project-focused advice
- ❖ The organization will work on a part-time basis with experts in administration, accounting, and intellectual property.
- ❖ Industry Mentor: KSRMCE will compile a list of mentors and subject matter experts. 3 percent equity/stake in the new startup in exchange for the services and facilities rendered to members outside of KSRMCE .will be held by KSRMCE for the time period specified Premises, facilities, mentorship help, seed money, support for accounts, legal, patents, and other considerations will also be taken into account (Annexure 1).
- ❖ The Technical Mentor Committee will be made up of knowledgeable and experienced individuals from a particular industry, renowned bankers, experienced venture capitalists, academics, and accomplished former businesspeople who will offer technical mentoring.
- ❖ Utilizing the phases of the Technology Readiness Level (TRL) spectrum, the institution should build case-by-case product conceptualization to market strategies for startups (Annexure 2).

Startup Phase: Innovative companies that want to showcase their product(s) as a pilot scheme will be awarded time-bound acceptance of their submissions in 4 weeks.

Boot up Phase: Upon completion of the pilot research, the SSIIE will give businesses the go-ahead to begin product development.

Scale up Phase: Companies that successfully launched their products in SSIIE would thereafter receive rewards in accordance with SISP of KSRMCE standards.

Commercialization Phase: A team of professionals, business owners, and investors from the Commercialization Partners Committee will collaborate closely with the startup team to help with business planning, networking, and product marketing (s).

4. Nurturing Innovations and Startups

For UG, PG, Ph.D., Post-Doctoral, Research Staff, professors (even temporarily), KSRMCE former students, and potential Startup applicants even from outside KSRMCE, the SSIIE Incubation Centers will offer a positive environment.

b. All Ph.D., M.Tech., and specialized postgraduate students must register at one of the SSIIE incubation centres.

c. The Ph.D. thesis or dissertation should include information about innovation or product development that is pertinent to the research or project issue.

d. The KSRMCE-SISP Guidelines will be followed in determining the Best Student Innovation Award.

e. In accordance with KSRMCE-SISP guidelines, the Best Mentor Award for Innovation will also be decided.

f. Encourage faculty members and students to learn about innovation and entrepreneurship.

❖ organising summer programmes, awareness campaigns, and training sessions to prepare academics and students to draught proposals.

❖ running orientation sessions on success tales. encouraging instructors and students to participate in free national and international online programmes.

❖ Periodic industrial visits that are innovator-focused are encouraged and give visitors the chance to observe innovation, direction, and usability.

❖ Ideas are gathered via an idea box from all university faculty and students.

❖ a lot of hackathons are held among the student population to raise awareness of innovations and startups.

g. For every semester, student prototype/startup teams will receive 5% grace marks and a 20% attendance grade from KSRMCE students.

h. KSRMCE students may be allowed to complete their projects and work on their industrial internships at SSIIE Incubator Centers where more amenities are provided for a fee.

I. KSRMCE student entrepreneurs who have been working on a startup idea since their first year will be allowed to turn it into their capstone project for their degree.

j. KSRMCE students and Research Scholars are eligible for a semester of special leave to work full-time for a startup.

k. In addition to the program's overall credits, KSRMCE students will receive an additional 4 credits for developing a successful prototype.

KSRMCE students and Research Scholars must adhere to all standards when they return.

m. The Gap Year facility shall guarantee curriculum continuity upon rejoining and following an evaluation by an incubator to which the student is connected.

n. Outstanding postgraduate students who want to pursue entrepreneurship can take a one-year break after their first year, professional graduates (such as those in engineering, pharmacy, or nursing) can

take a break after their second year, and students enrolled in a five-year integrated curriculum can take a break after their third year to pursue entrepreneurship full-time.

o. This may be prolonged by a maximum of two years, during which time the maximum time allowed for graduation will not be affected.

p. Thus, a student will be given an additional two years to finish all of the programme of methodology chosen.

q. Revenues made by KSRMCE's startup company Students/Research Scholars incubated in KSRMCE shall be shared for a period of time as per the Exit Policy between Students/Research Scholars and SSIIE/KSRMCE in the ratio of 80% and 20%, respectively. (Appendix 2)

r. Engagement of Faculty in Startup activities

a) The academic members must participate as mentors, offering their technical know-how or just a capital investment. Permanent faculty capital investments are viewed as wholly private business transactions for which the university bears no responsibility.

b) The permanent faculty can spend one day per week in the Startup in addition to their teaching, research, and other official obligations if they desire to participate in it on a part-time basis.

c) In addition to their teaching, research, and other formal duties, contract teachers and research employees who choose to participate in Startup can spend one day per week there.

d) The committee established for the purpose will decide whether to grant a startup by evaluating the submitted proposal and determining its interest, viability, innovation, and market.

e) According to the Exit Policy, revenue made by the startup firm that KSRMCE faculty members incubated at KSRMCE will be split 70/30 between the faculty and SSIIE/KSRMCE for the term of the venture. (Appendix 2)

f) In addition to teaching, R&D projects, industrial consulting, and management responsibilities, faculty participation in startup-related activities needs to be viewed as a valid activity. This participation must be taken into account when evaluating the faculty's annual performance.

g) It is possible to encourage each professor to mentor at least one startup.

h) The institute should provide academic and non-academic incentives and reward mechanisms for all personnel and stakeholders that actively contribute to and support entrepreneurial agenda and activities in order to attract and retain the right people.

i) For evaluating annual performance, a performance matrix should be created.

j) Research personnel and other institution employees should not participate in faculty members' startup activities, and vice versa.

k) A committee will choose alumni startup hopefuls based on the project that was presented to the incubation centre. The chosen applicant will be expected to work either full- or part-time.

l) Faculty, Research Scholars, Students, and Alumni are required to register their businesses with the appropriate KSRMCE authorization.

5. Pedagogy

- a) The Departments will be recommended to modify their course curricula in order to keep up with new technological developments, conform to industry standards, and include courses in entrepreneurial development through incubators.
- b) At incubators, courses may be taught by industry experts, and interested students may choose to enrol in them.
- c) The incubator may provide the assessment made by authorised industry experts to schools or universities for inclusion in the electives that students might take as a part of their degree programme.
- d) A PGD course in innovation and entrepreneurship may be launched, allowing students to earn a degree while fostering and incubating startup businesses.
- e) inviting local, national, and international entrepreneurship experts on a monthly basis to support startup initiatives.
- f) g. In order to encourage creativity and an entrepreneurial spirit, college-level entrepreneurship development clubs (also known as bootcamps) must be developed through incubators.
- g) Display of university-based innovations.
- h) A mock-up marketing location for entrepreneurs to launch marketing on campus.
- i) KSRMCE will hold conferences and workshops at the national and international levels to promote innovation and startups.
- j) To raise awareness, KSRMCE will have an annual "Startup Day" celebration.

Product Ownership Rights for Technologies Developed at Institute

- ❖ Incubatees (Students, Faculty, and Alumni) should complete the KSRMCE/SSIIE IP Declaration Form to declare the Intellectual Property they have developed and already possess. (Appendix 4)
 - ❖ The incubator firm must submit a written request to KSRMCE if it wishes to use any of KSRMCE's intellectual property, such as a patent, software code, copyright, design registration, developed product, etc.
 - ❖ The Institute shall choose the terms and conditions for such IP licencing in accordance with KSRMCE's IPR policy. (Appendix 5)
 - ❖ The incubator company must notify KSRMCE if any students have helped create technology that will be used in the creation of the product(s).
 - ❖ Before exploiting the infrastructure or goodwill of SSIIE/KSRMCE for commercialization, the incubator business must reach an agreement with KSRMCE.
 - ❖ The entrepreneur would have the choice of either giving KSRMCE equity in place of making direct payments to KSRMCE or first obtaining IP rights from KSRMCE before being incubated.
 - ❖ The incubator would keep track of all intellectual property (IP) (patents, licences, copyrights, etc.) acquired by the company before or during the KSRMCE incubation period in a record. Additionally, any IP created while the visitor was there would be kept on file.
- Amendment:** If necessary, KSRMCE is free to update texts, laws, etc. as needed by making changes, additions, or deletions.

Acknowledgements

We thank National Innovation and Startup Policy (NISP) Implementation Team for this initiative and providing guidance throughout the process. We express my sincere thanks to our Vice Chairman Sri. K. Madan Mohan Reddy and Managing Director Dr.K. Chandra Obul Reddy, Dr.V.S.S Murthy Principal/KSRMCE for his encouragement and support to develop KSRMCE Innovation Startup Policy (SISP). We thank all the members of the committee on KSRMCE Innovation and Startup Policy' for students and faculty of KSRMCE. Our special thanks to Sri C.S. Reddy, Director, AP Mahila Abhivruddhi Society (APMAS), Sri R. Mr. Nandan ReddyTrioVision Composite Technologies and Mr.S.varatharajan, EEE Energy private limited for their valuable insights and recommendations to enable formulation of these guidelines for KSRMCE. I sincerely appreciate the members of KSRMISP Brainstorming team who worked for creating this guideline document and gave their inputs throughout its preparation.

Dr.M.V.Narayana

Convener

Dr. T. Mariprasath

Coordinator

Dr.P.Kishore

Co-Cordinator

&

KSRMCE Innovation Startup Policy Committee

Bibliography:

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Centre for Innovation, Incubation & Entrepreneurship (CIIE) Policy And Framework,

Indian Institute of Technology (Indian school of Mines) Dhanbad, September, 2018.

SIDBI Innovation and Incubation Center Indian Institute of Technology, Kanpur

Incubator Policy and Procedures November 2014.

Sacred Heart Incubation Innovation Center (SHIIC), Sacred Heart College (Autonomous) Tirupattur,

Vellore District, June 2015.

Sri Padmavathi Mahila Visvavidyalayam (Women's University) , Tirupati-517502, Andhrapradesh

Annexure-1

This is one of the most crucial periods of the company's life; once the formal incubation time is through, the company should be strong enough to survive outside of the incubator and in the cutthroat marketplace.

A start-up might leave the incubation programme in a number of ways. The start-up business leaves the incubation programme and either (1) continues on its own, (2) is acquired by (or merged with) an established business, (3) ceases operations, or (4) takes part in a so-called "growth" programme provided by the incubator or other associated stakeholders. These "growth" support and infrastructure programmes are designed to assist start-ups with strong growth potential that still require assistance or specialised infrastructure (office space, R&D labs, etc.) after the incubation phase but are unable to fund or realise on their own.

Period of Incubation/ Exit:

A two-year incubation period must be provided to the incubator company. However, the term may be extended by six months upon writing request and subject to the company's performance.

Exit: Under the following conditions, an incubator company will vacate:

1. Completion of a two-year stay (based on the applicable course year for the student) (if no extension granted)
2. A company proposal's poor performance or lack of feasibility, as determined on a case-by-case basis
3. Case-by-case, unresolvable promoters' disputes
4. Breaking any policy regarding incubation
5. Whenever the company engages in a transaction involving a purchase, merger, amalgamation, or restructuring that significantly alters the company's promoters, directors, shareholders, products, or business plan.
6. Promoter team changes without board approval.
7. The committee must first approve any change in stock ownership of greater than 50%.

Any other grounds for leaving an incubator that the board may deem necessary.

Annexure-2

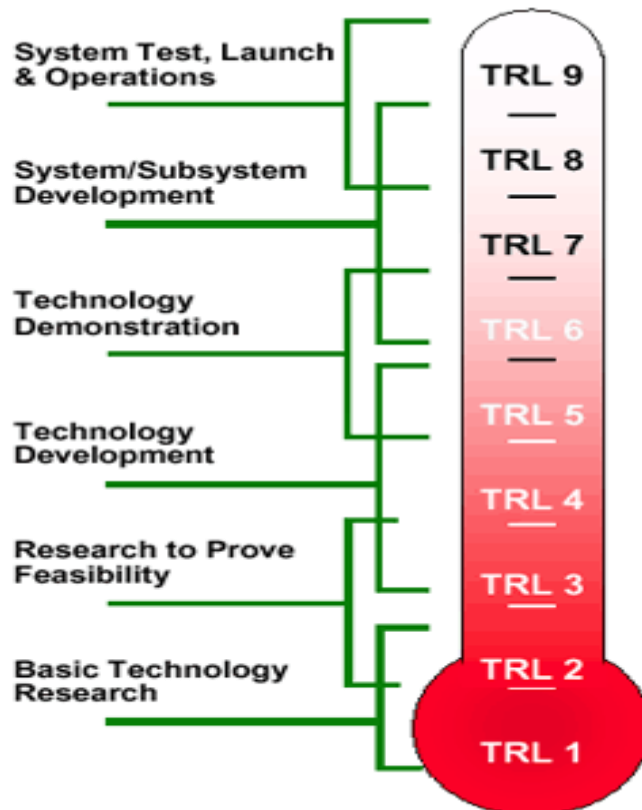
Technology Readiness Levels (TRLs)

Technology Readiness Levels (TRLs) are used for understanding the maturity of a technology during its acquisition phase. TRLs allow technical team/evaluators to have a consistent datum of reference for understanding technology evolution, regardless of their technical background. Current TRL scale is a metric with NINE Technology Readiness Levels for describing the maturity of a technology from ideation stage TRL-1 to highest degree of application/commercial readiness TRL -9

TRLs measure Core Technology maturity in a program not only during the selection process but in subsequent monitoring and evaluation phases also, until these technologies or products utilizing them, attain market readiness.

- Levels in between covers
- establishment of proof of concept
- prototype development
- functional validations from models to real operational environments & clearances of mandatory regulatory barriers between levels towards market introduction of these technologies/products.

TR Scale



Nine Levels of TRL

