



GARIT
Training Tomorrow's
Engineers Today

GMR Institute of Technology
An Autonomous Institute Affiliated to JNTU, Kakinada

GMRT INNOVATION AND START UP POLICY

FOR “STUDENTS AND FACULTY MEMBERS”

**(Aligned with national Innovation and
Start up policy 2019)**

ABSTRACT

GMRIT INNOVATION and STARTUP Policy for Students and Faculty members

The GMRIT Innovation and Startup Policy for students and faculty members will enable the institute to actively engage students, faculty members and members of staff in innovation and entrepreneurship related activities. This framework will also facilitate in bringing clarity in GMRIT Startup policy, involvement of stakeholders, support and performance parameters thus enabling creation of a robust innovation and Startup ecosystem in the institute. This document states Startups Enabling Institutional Infrastructure, practices for nurturing innovations and startups. It also elaborates Innovation Pipeline and Pathways for Entrepreneurs at Institute Level, Pedagogy and Learning Interventions for Entrepreneurship Development Collaboration. Institute participation in co-creation, Business Relationships and Knowledge Exchange is also discussed at sufficient length, issue of Entrepreneurial Impact Assessment is also addressed in this policy along with the mention of annual felicitation day to motivate the students to opt entrepreneurship as a carrier option and to felicitate their proud parents.

This policy is aligned with MSME policy of GMRIT, which mentions all the issues related to Innovations and Product Ownership Rights for Technologies Developed at Institute Organizational Capacity, and EDC policy of GMRIT which accounts and organize all the efforts being done by the institute for promoting and nurturing innovation and entrepreneurship which was adopted as third vertical of the institute.

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About GMR Institute of Technology

Established in 1997, GMR Institute of Technology has come a long way since its inception and has carved a niche for itself in the corporate world. It is currently placed among the top 75 and aims to be counted among the top 20 Technical Institutions in the Country by 2018- 19. Located about 100 km from Vishakhapatnam, GMRIT is a beautiful campus spread over 155 acres in Rajam.

As the flagship Institute of GMR Varalakshmi Foundation, GMRIT has set high standards for itself and offers an idyllic and conducive environment for higher studies. It is affiliated to Jawaharlal Nehru Technological University, Kakinada. The institute became Autonomous in 2012-13.

The student community at GMRIT is offered a broad spectrum of technical courses in tune with industry requirements. The Institute has been providing a technology enabled teaching-learning environment (Wi Fi) since 2005. All courses offered on-campus are available on Local Area Network (LAN) supplementing the classroom teaching.

GMRIT emphasizes collaborative learning between industry and academia as a means of reinforcing its curriculum with practical experience relevant to industry needs. The Institute constantly strives for improvement, competing with the premier institutions of national importance.

GMRIT offers B. Tech Degree courses in nine disciplines and in addition M. Tech in four disciplines to meet varied aspirations of the students. Our annual Intake is 1642 including all our UG/PG programs. Our NBA accredited courses are (CSE, IT, ECE, ME) and Institute has NAAC accreditation status with 'A' Grade.

The institute has earned a vital position in the Rank Band of 200-250 for Engineering discipline in National Institutional Ranking Framework (NIRF) India Ranking 2020 by Ministry of Education (formerly MHRD), Govt. of India. The Institute has received position in Rank Band of 75 by Atal Ranking of Institutions on Innovation Achievements (ARIIA), Ministry of Education due to its strong Innovation and Entrepreneurship vertical.

Institute has gained a distinct image as an outstanding educational

colossal among technical institutions of Andhra Pradesh, due to its inclination towards innovative and skill based education. It's consistent belief in 'Achieving High Quality' is aptly reflected in its academics, extracurricular activities and placements. The success of its belief is clearly brought out in the plethora of Education Excellence Awards bagged by the Institute. GMRIT organizes several inter and intra Institute fests and runs value based courses. It's been the Centre of Excellence in various aspects due to its contemporary high-tech labs and development of effectively elevating hobby clubs in various departments. The focus of the institute is to get evolved as an innovative and exclusive Autonomous University with unique global standards of teaching learning experience, R&D, quality placements and entrepreneurship.

About GMRIT Entrepreneurship Development Cell

Believing that building Entrepreneurs is a key performance indicator attributing the nation's growth, GMRIT has established EDC (Entrepreneurship Development Cell) in the year 2006 with the financial support from AICTE. With a vision to promote entrepreneurship among the students and produce the Job givers rather than job seekers, the cell undertakes up several activities for student to inspire and motivate towards developing the spirit of entrepreneurship.

The institute provides infrastructure and technical support to the students having innovative ideas to transform into new products and services for the betterment of the society. The EDC also assists all the aspirants with mentoring, planning and execution of their start up idea into a real business. The objective of entrepreneurial development in the institute is to motivate a person for entrepreneurial career and to make him capable of perceiving and exploiting successfully opportunities for enterprises.

Entrepreneurship Development Programmes (EDP) are regularly conducted to nurture the entrepreneurial abilities and skills among the students. The EDC maintains a pool of Sponsors like banks, national entrepreneurship training agencies and franchisers, who are willing to support and guide the budding entrepreneurs. Regular training programs like workshops, guest lectures and seminars by eminent people from the industry, academia and Entrepreneurship organizations are conducted to encourage the students to consider self-employment as a career option apart from the Entrepreneurship skills courses within the curriculum.

About GMRIT MSME Incubation Centre

GMR INSTITUTE OF TECHNOLOGY is identified as Business Incubation Center under the Scheme of "Support for Entrepreneurial and Managerial Development of MSMEs through Incubators" of Ministry of MSME, Govt of India.

Main objective of the scheme is to promote & support untapped creativity of individual and to promote adoption of latest technologies in manufacturing as well as knowledge based innovative MSMEs (ventures) that seek the validation of their ideas at the proof of concept level.

Such entrepreneurial ideas have to be fostered and developed in a supportive environment before they become attractive for venture capital. Hence the need arises for incubation centres: to promote and support untapped creativity of individual innovators and to assist them to become technology based entrepreneurs.

Objectives:

- To conduct Innovative Idea competitions among the students and prospective entrepreneurs from the community
- To encourage students to participate in national/international level Innovative Idea competitions.
- To select the best Innovative Ideas through management review committee.
- Recommend and forward the selected Innovative Ideas to MSME for funding.
- To mentor and assist in completing the approved/sanctioned Innovative Ideas by MSME.

There onwards, the institute is working to support students try out their innovative ideas (processes and products) at the laboratory or workshop stage and beyond (to the extent possible) to carry forward the idea from its mere conception to 'know how' and then to 'do how' stage. With the opportunity given to GMRIT, will enable students to come out with the best possible technology enabled ideas/products contributing to the society and to nation building at large.

VISION

To be among the most preferred institutions for Engineering and Technological Education in the Country and To achieve the most preferred destination for students to opt entrepreneurship and startup as a carrier option and enabling students for converting their ideas into viable and successful enterprises.

MISSION

- To turnout disciplined and competent engineers with sound work and life ethics
- To orient the educational infrastructure of the institute towards start ups and entrepreneurship opportunities for student and faculties.
- To strengthen the innovation-based entrepreneurship development infrastructure
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- To encourage and to support students, faculty and staff to consider start ups and entrepreneurship as a career option.
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- To provide enabling mechanisms to start ups, through training and skill development, capacity building, networking, access to knowledge & support services, etc. on continuous basis.
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- To provide the guidelines to stakeholders of GMRIT for developing entrepreneurial agenda, managing Intellectual Property Rights ownership, technology licensing and equity sharing in Startups or enterprises established by faculty and students.

1. Strategies and Governance

Based on accumulated experience, institute has initiated the establishment of third vertical of innovation and entrepreneurship along with the traditional verticals of placements and higher studies. A separate Innovation and entrepreneurship policy (IEC Policy) has been framed to support this vertical. This initiative has created a pathway towards development of culture among students and faculties to adopt

entrepreneurship as one of the carrier options. Following steps have been taken to implement IEC policy.

1.1 A dedicated Innovation and Entrepreneurship Council with defined specific objectives and associated performance indicators for assessment, has been established to facilitate development of an entrepreneurial ecosystem in the organization.

1.2 Minimum 1% fund of the total annual budget of the institution is being allocated for funding and supporting innovation and startups related activities through creation of separate 'Innovation fund'. However, revenue earning activities will be encouraged to minimize the burden on GMRIT.

1.3 Encouragement shall be given for raising funds from diverse sources to reduce dependency on the public funding. Bringing in external funding through government (state and central) such as DST, DBT, MHRD, AICTE, TDB, TIFAC, DSIR, CSIR, BIRAC, NSTEDB, NRDC, Startup India, Invest India, MeitY, MSDE, MSME, startup in AP as well as non government sources will also be encouraged.

1.4 To support innovation and entrepreneurship promoting activities, it will be highly encouraged and appreciated to approach private and corporate sectors to generate funds, under Corporate Social Responsibility (CSR) as per Section 135 of the Company Act 2013.

1.5 Funding raising through sponsor ships and donations engaging alumni network for promoting Innovation & Entrepreneurship (I&E) shall be encouraged.

1.6 Entrepreneurship Center under IEC will organize institutional programs such as conferences, convocations, workshops etc. to spread the awareness regarding importance of innovation and entrepreneurial agenda across the institute.

1.7 Product to market strategy for startups which is a part of IEC policy document will be finalized on micro level on case to case basis.

1.8 Efforts will be encouraged to make GMRIT as a driving force in developing entrepreneurship culture in its vicinity (regional, social and community level). These efforts include giving opportunity for regional startups, provision to extend facilities for outsiders and active involvement of GMRIT in defining strategic direction for local development.

1.9 Development of strategic international partnerships using bilateral and multilateral channels with international innovation clusters and other relevant organizations will be encouraged and

participation in such international events such as World Innompics shall be encouraged.

1.10 GMRIT has initiated the setup of student owned GMRIT BIC cell to propagate and involve student community to take enterprising activities Viz. awareness, winning prize, Hackathon etc.

2. Startups Enabling Institutional Infrastructure

Institute has already developed institutional infrastructure to enable startups and progressed in this direction from ED Cell establishment to its promotion into MSME IC. This startup enabling infrastructure and its success is acknowledged by various ministries and bodies of Government of India and state government i.e. by approving their flagship program i.e. National Initiative for Developing and Harnessing Innovations, Seed Fund Scheme by MSME, DST, a flagship program of MeitY. Govt. of India, Startup in AP scheme by government of AP etc.

As a part of developed infrastructure, a dedicated building with 5000 sq. ft. of operational area consisting of well equipped cubicles for startup working, fab lab with all the facilities of prototyping, mentoring for IPR, marketing, business plan development, product development etc. is available in the campus of GMRIT, Rajam.

2.1 Thus creation of pre incubation and incubation facilities for nurturing innovations and startups in GMRIT has already taken place.

2.2 The list of all the pre incubation units in the campus i.e. hobby clubs, students' clubs working on various technologies, MSME IC, advanced labs and design centers, centers of excellence and innovation center has been disseminated. A functional EDC Cell is managing all the activities regarding innovation, entrepreneurship and startup related activities within the institute.

2.3 GMRIT MSME Business Incubation Center, has all the incubation related facilities available 24X 7. Entrepreneurship Center, a part of IEC is responsible for structured and unstructured support to the students and faculty at Innovation center with all the facilities available for conversion of idea into prototype.

2.4 GMRITBIC and GMRIT EDC are executing and administrating the programs related to innovation, IPR and Startups. The details of the programs like Entrepreneurship Development Programs (EDP), Faculty Development Program (FDP), Woman's Entrepreneurship Development Program (WEDP), Technology Entrepreneurship Development

Program (TEDP), Entrepreneurship Awareness Camp (EAC) etc. are given in the annexure 1.

2.5 A separate policy document has been created to offer mentoring and other relevant services through Pre-incubation/Incubation units for nominal charges or zero payment basis. The modalities regarding Equity Sharing in Startups supported through these units will depend upon the nature of services offered by these units and are elaborately explained in the document. Seed support fund to start up for ready to market product or service or soft loan with collateral for specific period.

3. Nurturing Innovations and Start ups

3.1 A separate IPR policy is in existence with the objective to facilitate IPR filing by students and faculty members along with one IP expert on retainer basis.

3.2 A separate policy document regarding Innovation and Entrepreneurship as a third vertical for the institute, is available stating institute support policy, norms of faculty startup and working regulations regarding startups by faculty and staff.

3.3 IEC policy document addresses all the issues of the Students who are opting for entrepreneurship as carrier option and are pursuing some entrepreneurial ventures while studying. To recognize outstanding ideas, successful enterprises and contributors for promoting innovation and enterprises ecosystem within the institute, Annual Felicitation Day shall be celebrated in which awards for Best Innovator Award, best IPR awarded (Patent and Copyright), best Start up award, Proud Parent Award (for parents of winners of all the above award category). The awardees shall be given felicitation, certificate, trophy and cash award too shall be announced by core team.

3.4 A micro degree certificate course for the students interested in opting entrepreneurship as a carrier option is being launched from the 2022 session. In this program, interested students will undergo through specially designed curriculum whose outcome is to start his or her own startup.

3.5 With the help of resources available at GMRIT MSME IC, IEC facilitates aspirants in a variety of areas including technology development, ideation, creativity, design thinking, fund raising, financial management, cash flow management, new venture planning, business development, product development, social entrepreneurship,

product costing, marketing, brand development, human resource management as well as law and regulations impacting a business.

3.6 GMRIT will allow setting up a startup (including social startups) and working part time for the startups while studying / working: HEIs may allow their students / staff to work on their innovative projects and setting up startups (including Social Startups) or work as intern/part time in startups (incubated in any recognized HEIs/Incubators) while studying / working. Student Entrepreneurs may earn credits for working on innovative prototypes/Business Models. Institute may need to develop clear guidelines to formalize this mechanism. Student inventors may also be allowed to opt for startup in place of their mini project/ major project, seminars, summer trainings. The area in which student wants to initiate a startup may be interdisciplinary or multi-disciplinary. However, the student must describe how they will separate and clearly distinguish their ongoing research activities as a student from the work being conducted at the startup.

3.7 Students who are under incubation, but are pursuing some entrepreneurial ventures while studying should be allowed to use their address in the institute to register their company with due permission from the institution.

3.8 The institute should explore provision of accommodation to the entrepreneurs within the campus for some period of time.

3.9 GMRIT allow faculty and staff to take off for a semester/year (or even more depending upon the decision of review committee constituted by the institute) as sabbatical/unpaid leave/casual leave/earned leave for working on startups and come back. Institution should consider allowing use of its resource to faculty/students/staff wishing to establish start up as a full time effort. The seniority and other academic benefits during such period may be preserved for such staff or faculty.

3.10 Institute will facilitate the startup activities/ technology development by allowing students/faculty/ staff to use institute infrastructure and facilities, as per the choice of the potential entrepreneur in the following manners:

i. Mentorship support on regular basis.

ii. Facilitation in a variety of areas including technology development, ideation, creativity, design thinking, fund raising, financial management, cash flow management, new venture planning, business development, product development, social entrepreneurship, product-

costing, marketing, brand development, human resource management as well as law and regulations impacting a business.

iii. Institute may also link the startups too the seed fund provider/angel funds/venture funds or itself may set up seed fund once the incubation activities mature.

3.11 In return of the services and facilities, institute may take 2% to 9.5% equity/ stake in the startup/ company, based on brand used, faculty contribution, support provided and use of institute's IPR (a limit of 9.5%) is suggested so that institute has no legal liability arising out of startup.

i. For staff and faculty, institute can take no more than 20% of shares that staff/faculty takes while drawing full salary from the institution; however, this share will be within the 9.5% cap of company shares, listed above.

ii. No restriction on shares that faculty/staff can take, as long as they don't spend more than 20% of office time on the startup in advisory or consultative role and do not compromise with their existing academic and administrative work/duties. In case the faculty/staff holds the executive or managerial position for more than three months in a startup, then they will go on sabbatical/leave without pay/ earned leave.

3.12 Institute could extend this startup facility to alumni of the institute as well as outsiders.

3.13 Participation in startup related activities needs to be considered as a legitimate activity of faculty in addition to teaching, R&D projects, industrial consultancy and management duties and must be considered while evaluating the annual performance of the faculty. Every faculty may be courage to mentor at least one startup.

3.14 Product development and commercialization as well as participating and nurturing of startups would now be added to a bucket of faculty duties and each faculty would choose a mix and match of these activities (in addition to minimum required teaching and guidance) and then respective faculty are evaluated accordingly for their performance and promotion.

3.15 GMRIT aimed to update/change/revise performance evaluation policies for faculty and staff as stated above on time to time.

4. IP and Product Ownership Rights for Technologies Developed at Institute

A separate IPR policy is in place for addressing the guidelines and issues regarding Product Ownership Rights for Technologies Developed at GMRIT. Students who are developing, and demonstrating proof of concepts of their ideas in minor and major project exhibitions, inter institute competitions, hackathons etc. are facilitated in GMRIT MSME Incubation Center and EDC to convert their Ideas into prototypes.

5. Organizational Capacity, Human Resources and Incentives

Organizational Structure for Innovation and Entrepreneurship has been established with Dean Innovation & Entrepreneurship Cell and institute administration. IEC policy document is available regarding implementation of all Innovation and Entrepreneurship related activities and programs. Organizational Structure for Innovation and Entrepreneurship is as shown in figure 1.

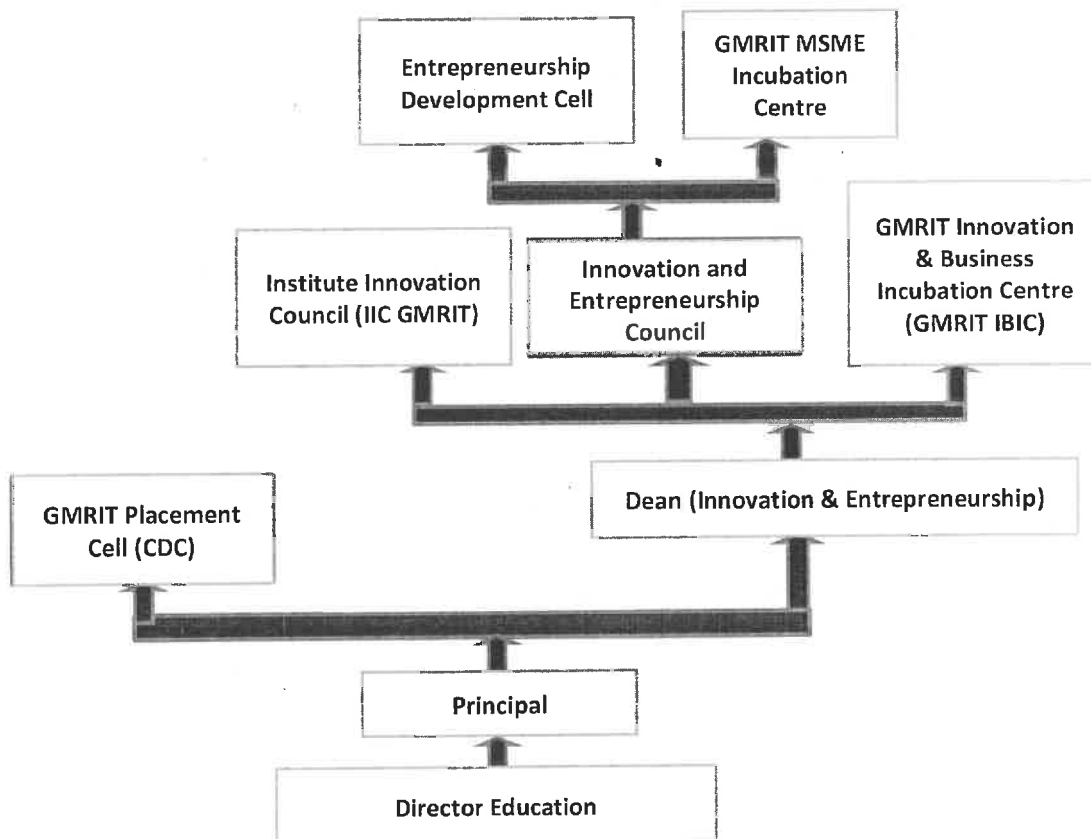


Figure 1: Organizational Structure for Innovation and Entrepreneurship

6. Creating Innovation Pipeline and Pathways for Entrepreneurs at Institute Level

6.1 The awareness programs conducted by GMRIT MSME IC under their structured Entrepreneurship Awareness Camps of 3 day duration and awareness sessions conducted during induction programs for first year students by Dean, IEC introduce the students to entrepreneurship and innovation.

6.2 Specialized workshops and short term courses in IPR, entrepreneurship development, various technology based skill development programs etc. help students to develop various skills required in their entrepreneurial journey.

6.3 The institute established Institution's Innovation Council (IIC) as per the guidelines of MHRD's Innovation Cell and allocated appropriate budget for its activities. Under this category, various activities related to innovation, startup and entrepreneurship development have been conducted. Collective and concentrated efforts have been performed to identify, scout, acknowledge, support and reward proven student ideas and innovations and to further facilitate their entrepreneurial journey.

6.4 For strengthening the innovation funnel of the institute, access to financing must be opened for the potential entrepreneurs.

i. Networking events must be organized to create a platform for the budding entrepreneurs to meet investors and pitch their ideas.

ii. Provide business incubation facilities: premises at subsidized cost. Laboratories, research facilities, IT services, training, mentoring, etc. should be accessible to the new startups.

iii. A culture needs to be promoted to understand that money is not FREE and is risk capital. The entrepreneur must utilize these funds and return. While funding is taking risk on the entrepreneur, it is an obligation of the entrepreneur to make every effort possible to prove that the funding agency did right in funding him/her.

6.5 A specially designed minor degree certification course in Innovation and Entrepreneurship has been floated for first year students. Also innovative projects undertaken by the students are also supported by GMRIT MSME IC.

6.6 We have specific committees for selection for incubation and project monitoring committee in GMRIT MSME IC consisting of experts from incubation and entrepreneurship, prototype development, IPR, marketing, finance and technology experts. Students who have exhibited interest in entrepreneurship and innovation by participating in programs are mentored for business plan development and idea pitching for incubation in GMRIT MSMEIC.

6.7 The students incubated in MSME IC or have applied for, shall be presenting their proposal in front of Project Selection Committee for funding through various government schemes and agencies.

6.8 For prototype or product development, fabrication and rapid prototyping facilities are being provided by GMRIT MSME IC.

6.9 When incubated student registers his/her company, he/she is mentored and introduced to angel investors, venture capitalists and investors for scaling up his/ her business.

7. Norms for Faculty Startups

7.1 For better coordination of the entrepreneurial activities, norms for faculty to do startups should be created by the institutes. Only those technologies should be taken for faculty startups which originate from within the same institute.

i. Role of faculty may vary from being an owner/ direct promoter, mentor, consultant or as on board member of the startup.

ii. Institutes should work on developing a policy on 'conflict of interests' to ensure that the regular duties of the faculty don't suffer owing to his/her involvement in the startup activities.

ii. Faculty startup may consist of faculty members alone or with students or with faculty of other institutes or with alumni or with other entrepreneurs.

7.2 In case the faculty/ staff holds the executive or managerial position for more than three months in a startup, they will go on sabbatical/leave without pay/utilize existing leave.

7.3 Faculty must clearly separate and distinguish on-going research at the institute from the work conducted at the startup/company.

7.4 In case of selection of a faculty startup by an outside national or

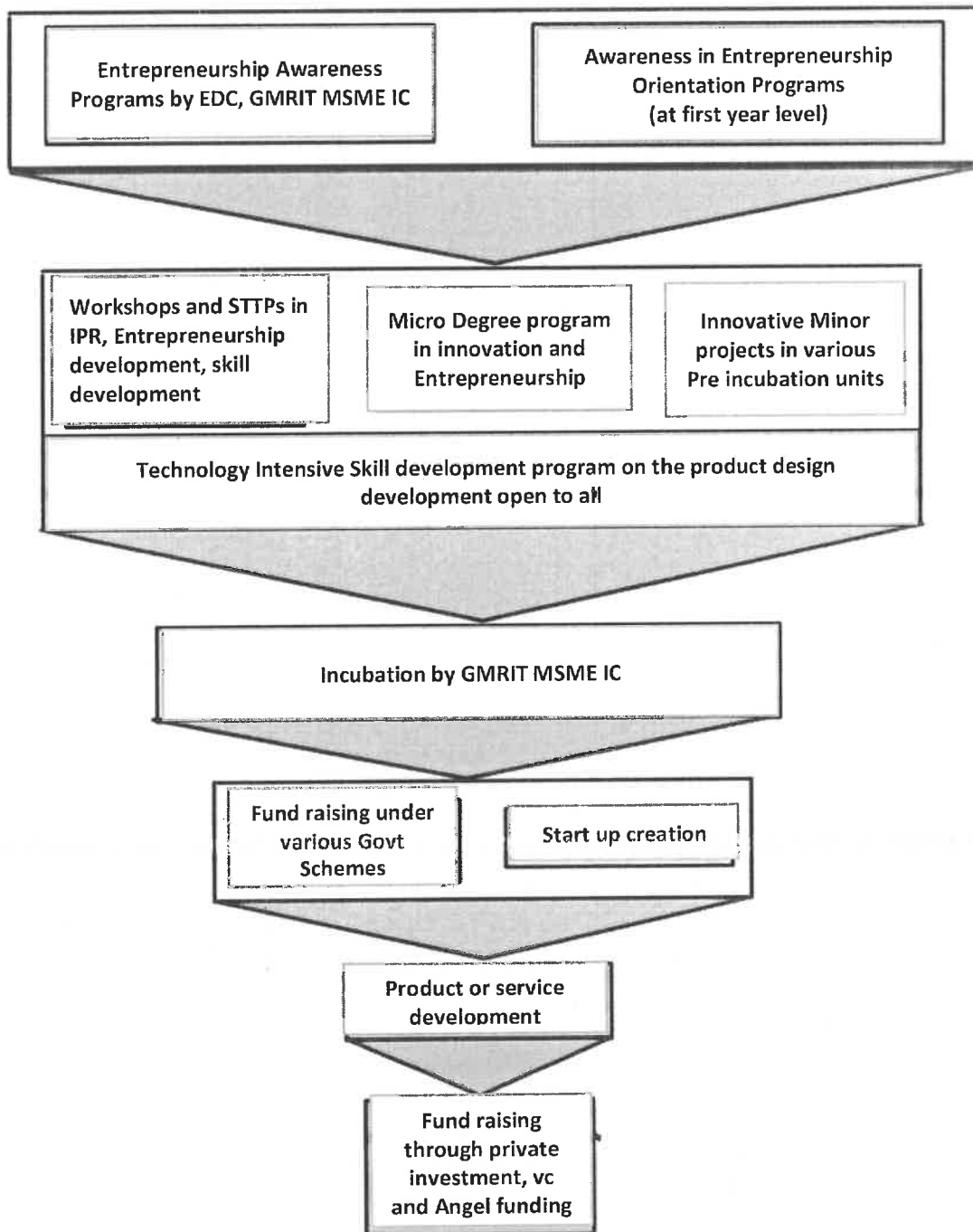


Figure 2: Innovation Pipeline and Pathways for Entrepreneurs at Institute Level

international accelerator, a maximum leave (as sabbatical/ existing leave/ unpaid leave/ casual leave/ earned leave) of one semester/year (or even more depending upon the decision of review committee constituted by the institute) may be permitted to the faculty.

7.5 Faculty must not accept gifts from the startup.

7.6 Faculty must not involve research staff or other staff of Institute in activities at the Startup and vice- versa.

7.7 Human subject related research in Startup should get clearance from ethics committee of this Institution.

8. Pedagogy and Learning Interventions for Entrepreneurship Development

GMRIT is planning to initiate a Micro degree certification program with diversified approach in teaching and learning pedagogy including cross disciplinary learning using mentors, labs, case studies, games, etc. in place of traditional lecture based delivery. Experts from industry, mentors from different areas of business and enterprise will be the part of resource person team of this micro degree certification program. This program has adopted blended learning mode of pedagogy which consists of project and problem based learning, online learning with MOOC platform and courses from course era.

8.1 A dedicated innovation center is responsible to co-ordinate all student clubs, whereas individual departments are responsible for running technical hobby clubs, project workshops/labs.

8.2 Entrepreneurship Center is responsible for organizing competitions, boot camps, workshops, awards, etc.

8.3 As a part of awareness program about entrepreneurial ecosystem present in the institute, introductory sessions will be organized for all the students of all the programs in GMRIT. Required slots will be allocated in the timetable of every department in co ordination with Dean, IEC.

8.4 A dedicated Industry Institute Interaction Cell with well drafted policy is responsible for conducting research and survey on trends in technology, research, innovation, and market intelligence. Industrial consultancy, industrial visits and student internship related activities will be coordinated by this cell.

8.5 To promote student ideas, projects and innovations based around real life challenges, boot camps, visits to rural and underprivileged areas in nearby region and hackathons will be organized by GMRIT EDC on regular basis. These activities will be displayed in the institute's activity calendar.

8.6 Innovation champions should be nominated from within the students/faculty/ staff for each department/stream of study.

8.7 Institute should start annual 'INNOVATION & ENTREPRENEURSHIP AWARD' to recognize outstanding ideas, successful enterprises and contributors for promoting innovation and enterprises ecosystem within the institute.

9. Collaboration, Co creation, Business Relationships and Knowledge Exchange

9.1 For all the activities relevant to the entrepreneurial agenda of the institute, participation and collaboration of industry partners, institutes of national importance, international institutions, social enterprises, schools, alumni, professional bodies and entrepreneurs will be encouraged.

9.2 Dean IEC and his team will be Single Point of Contact (SPOC) in the institute for the students, faculty, collaborators, partners and other stakeholders.

9.3 Institute has collaborations with associations of industries IIA, CII, CEL, DIC, APSFC, APITCO, APPC etc., with various government departments and ministries like DST, MeitY, Govt of AP etc, ITI and poly technique institutes, research organizations like NRDC, entrepreneurship promoting institutes EDII, and international organizations like INNOPICs, IP firms and network of angel funding and

venture capitalists etc. All these collaborations prove to be beneficial to the students in their entrepreneurial journey.

10. Entrepreneurial Impact Assessment

The various parameters to be considered for Entrepreneurial Impact Assessment are:

a. Satisfaction of the participants in micro degree certification program, workshops and training programs

b. Participation in awareness programs

c. Utilization of pre incubation facilities by students

- d. Number of curriculum projects addressing real life problems
- e. Participation in various idea, PoC, Prototype, b plan competitions and hackathons
- f. Participation in pitching for fund raising and grants/support from government and non government agencies
- g. Contribution in industrial projects and consultancy projects
- h. Idea to PoC projects
- i. PoC to Prototype/MVP projects
- j. Product development and its launching in the market
- k. Fund raising
- l. Startup registrations and company incorporation
- m. Annual Turn over
- n. IPR application filing, grant and commercialization

The IEC team in chairmanship of Dean IEC will be responsible for assigning appropriate weight ages to the above parameters depending on the maturity of the process. A separate document regarding this will be made available by EDC, IIC and reviewed annually.

11. Review of the Policy:

Considering the feedback from assessment team which is the reflection of impact of the existing policy, Dean IEC shall organize the review committee meeting and finalize the recommendations of the review committee.

Way Forward

Successful implementation of the 'GMRIT Innovation and Startup Policy' for students and faculty is the main objective. In order to achieve this, full fledged support of all the academic, non academic and supporting departments will be important. The road map suggested through this document is 'broad guidelines' and this policy document is supported by previously existing policy documents on innovation and

entrepreneurship council, IPR, Industry Institute interaction and research and development.

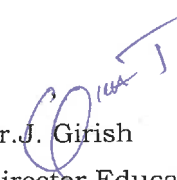
CERTIFICATE

This is to certify that the Innovation and Start up policy at GMR INSTITUTE OF TECHNOLOGY, Rajam is approved by the council members of governing body and it is effectively implemented in the campus to promote innovation and entrepreneurship among student community.



Dr C.L.V.R.S.V.Prasad
Head of the Institution

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ANNEXURE 1

GMR Institute of Technology, Rajam Entrepreneurship Development Cell Entrepreneurship Development activities conducted

S.No.	Year	Title	In association with/Resource Persons
1	2006	Workshop on Entrepreneurship – challenges ahead	GMR Group
2	2007	Lecture on Entrepreneurship & Carrier planning	By Dr.J.J.Irani, of Tata sons.
3	2007	Empowering India through Entrepreneurship	Padmashri Shivthanu Pillai
4	26-th August 2007	Lecture on ‘Financial Management’	By. Mr. N.B. Soni
5	10 th to 12 th May, 2008	Three days Faculty Awareness Camp on Entrepreneurship	AICTE-ISTE
6	24 th November - 24 th December, 2008	One month Business Skill Development Programme for Engineering student	MSME-GMRIT
7	34 th August 2009	Entrepreneurship: A proud future option	In association with APTICO
8	6 th December to 5 th January, 2010	Business Skills Development Programme	MSME-GMRIT
09	25 th April 2011	Sensitization programme on the development of commercially viable products through Business Incubation Center	MSME Development Institute, Visakhapatnam
10	28-30, July 2011	Three Day Entrepreneurship Awareness Programme	In association with MSME-DEVELOPMENT INSTITUTE, Hyderabad
11	27 th September 2011	One day workshop on “MEDIUM ENTERPRISE DEVELOPMENT	Andhra Pradesh Productivity Council, Visakhapatnam
12	12 th December 2011-11 th January 2012	One month Business Skills Development Programme during 12 th December 2011 – 11 th January 2012	In association with MSME Development Institute (Branch),

			Visakhapatnam
13	10 th march 2014	Guest Lecture on “ A Awareness on Entrepreneurship and how to become an Entrepreneur”	Mr. Prasanth Meka, CEO Akshara Speech Technologies, Incubator IITH, Hyderabad
14	8 th July 2014	Invited talk on “Entrepreneurship:Oppurtunities and Challenges”	Sri S.Sambasiva Rao, Former Chairman, CII- VSKP Chapter, VSKP.
15	19 th September 2014	Guest Lecture on “Entrepreneur development awareness Program”	Mr. R. Satyanarayana, General Manager, APSFC, Srikakulam
16	11.02.2015	Sensitization cum Promotional session inauguration of GMRIT Startup Village	EDC Students along with Principal & Dr. M. Srinivasa Rao
17	02.05.2015	Let’s Do Innovative Event	Presentations by the Participants
18	19.08.15 & 20.08.2015	TECH CREATION 2K15	Presentations by the Participants with innovative ideas for IEDC & MSME
19	21.08.2015	World Entrepreneur’s Day	Sri. K. Krishna Rao, Sri Sai Saraswati Annapurna Industries, Rajam.
20	16.10.2015	One Day Entrepreneurship Orientation Programme (EOP)	In association with NSIC, Hyderabad, India
21	29.01.2016	Conducted a MRC meeting for scrutinizing the innovative project proposals	In association with MSME, Hyderabad) to send MSME, New Delhi.
22	29.01.2016	Organized a One day awareness programme on “ Business Incubation ” for M. Tech Students	In association with MSME, Hyderabad, India
23	21.08.2016	World Entrepreneur’s Day	Felicitated five alumni entrepreneurs Ch. Vijay babu, Director, Anuhya software solutions, P. UMESH, Epic soft, vizag, V.S. Rohit, Chief managing director, DFC, Srikakulam, Siva Prasad srinadhu, Managing director, Albatross, vizag, Rajesh, DFC, Srikakulam.

24	07.09.2016	Attended for a one day special EDP along with 50 SC/ST Final year students as Prospective entrepreneurs	At MPDO Office, Rajam conducted by APDIC, Srikakulam.
25	08.12.2016 & 09.12.2016	Organized a Two Day Entrepreneurship Orientation Programme (EOP)	In association with NSIC, Hyderabad, India
26	07.07.2017 to 09.07.2017	Organized a three day Entrepreneurship awareness camp	In association with AP Productivity council, Hyderabad, India
27	21.08.2017	World Entrepreneur's Day	Felicitated three alumni entrepreneurs K. Harika, Managing Director, KVR Group of Industries; B. Abhiram, Director, Happy Shopping Mall, Srikakulam; Narendra Kumar, Director, Viswanath Avenues Ltd, Visakhapatnam.
28	21.08.2018	World Entrepreneur's Day	Felicitated the following four alumni entrepreneurs: 01. V.D. Kiran Kumar, Managing Director, Devi General Engg. Works, Visakhapatnam. 02. Sheik Showkath Ali, Managing Director, Signer Tech It solutions PVT LTD, Hyderabad. 03. Lalam Sasikanth, Lalam Enterprises, Visakhapatnam.

			04. G. Sravan, Managing Director, Sravan Shipping Services Pvt. Ltd, Visakhapatnam.
29	04.09.2018 to 06.09.2018.	A Three day workshop on “Entrepreneurship Development Programme”.	Resource Persons: 01. Director, MSME, Visakhapatnam. 02. General Manager, District Industries Centre (DIC), Srikakulam. 03. Chief Manager, Andhra Bank, Rajam.
30	13.08.2019 to 19.08.2019	Tech Creation 2019	All Depts of GMRIT
31	21.08.2019	World Entrepreneur’s Day	Resource Persons: 01. P. Umesh Bhardwaj Managing Director, Epic soft, vizag. 02. P. Dheeraj Managing Director, Dheeraj Engg Works,Visakhapatnam. 03. Grandhi Bharathkumar

			<p>Managing Director, Grandhi Infra Developers Pvt Ltd</p> <p>Visakhapatnam.</p> <p>04. P.V.Saiteja</p> <p>Managing Director , Mechindus, Vizag.</p> <p>05. S.B. Mahesh</p> <p>Managing Director , S.B. Infra, Vizag.</p> <p>06. Vinukoti Dinesh</p> <p>Managing Director, MY Company</p> <p>Visakhapatnam.</p>
32	26.02.2020	National Level Awareness Programm (NLAP 2020) on the schemes for Entrepreneurs	MSME, Visakhapatnam.
33	21.08.2020	A Webinar on “Post COVID Opportunities & Challenges For Prospective Entrepreneurs” on the occasion of World Entrepreneurship Day On 21.08.2020, 3.00pm to 4.30pm.	<p>Guest Speakers:</p> <p>01) Sri. A. Raghu Ram, Assistant Director, MSME DI , Visakhapatnam.</p> <p>02) Sri. V.R. Naik, CEO, APITA, Visakhapatnam.</p> <p>03) Sri. G. Prasada Reddy, DGM, MSME Technology Centre, Visakhapatnam.</p> <p>04) Sri. Pratap Reddy, Executive Director, APIIC, Visakhapatnam.</p> <p>05) Sri.L. Madan Mohan, Managing Director, Adept Chips Pvt LTD, Bengaluru.</p> <p>06) Sri.P. Umesh Bhardwaj, Managing</p>

			<p>Director, Epic soft, Visakhapatnam.</p> <p>07) Smt. K. Harika, Managing Director, KVR Group of Industries, Chennai.</p> <p>08) Sri. Narendra Kumar, CEO, Viswanath Avenues Ltd, Visakhapatnam.</p> <p>09) Sri.V.D. Kiran Kumar, Managing Director, Devi General Engg. Works, Visakhapatnam</p>
34	21.08.2021	An Online Webinar on the occasion of “ World Entrepreneurship Day” on “Entrepreneurship Challenges & Opportunities at present Scenario”on 21.08.2021 at 11.00AM.	<p>Guest Speakers:</p> <p>01. Sri. G. Raghu Ram, Assistant Director, MSME DI, Visakhapatnam.</p> <p>02. Sri. G. Prasada Reddy, DGM, MSME Technology Center, Visakhapatnam.</p> <p>03. Sri. G. Ramabhadra Rao, Senior Deputy Director, AP Productivity Council, Visakhapatnam.</p> <p>04. J. Uma Maheswara Rao, GM DIC, Srikakulam, A.P.</p> <p>05.Smt. K. Harika, Managing Director, KVR Industries, Chennai.</p> <p>06.Sri.L. Madan Mohan, C.E.O, AdeptChips Pvt LTD, , Bengaluru.</p>

			07. Sri. Sheik Showkath Ali,C.E.O, Signer Tech It solutions Pvt Ltd, Hyderabad.
35	24.11. 2021	Tech Creation 2021, a business idea competition	Dept of Chemical Engg
36	09, October, 2021	Tech Creation 2021, a business idea competition	Dept of Mechanical Engg
37	10, December, 2021	IDEATHON 2021, a business idea competition	Dept of EEE
38	05.03. 2022	“Entrepreneur Idea Explore 2022”, a business idea competition	Dept of IT
39	06.08.2022	“Institute level Startup Idea Competition 2022” held at GMRIT and selected best five startup ideas.	Best five startup ideas were selected at the Institute level.
40	20.08.2022	World Entrepreneur’s Day celebrations conducted and felicitated six entrepreneurs.	Felicitated the following six alumni entrepreneurs: 1. L . Madan Mohan, CEO, AdeptChips Pvt LTD, Bangalore. 2.Agasthya Dasari,CEO, EKALAVYA Learning App3, Visakhapatnam. 3.Ravi Shankar Seemakurthi, CEO, SR Group of Industries, Rajam. 4. Gudla Kiran, Managing Director, Kalanjali Theatre, Ponduru. 5. Ippili Vamsi, Managing Director,Sri Vinayaka Timber Depot & Saw Mill, Visakhapatnam. 6. Bora Srinivas,Managing

			Director,Sri Sai RCC Hume Pipe Industry, Visakhapatnam,
41	04.09.2022	Applied for Atal Incubation Center (AIC) in MoE Cell, GOI.	Under review process
42	17.09.22	TECH CREATION 2022, a business idea competition	Dept of ECE
43	30.09.22	TECH CREATION 2022, a business idea competition	Dept of MECH