MITE START UP POLICY

MITE has a steadfast belief in "making a difference" in the lives of students and the future generation by going beyond curriculum and academics. To attain this, institute has established an ecosystem for innovation, creativity, critical thinking, life-long learning and social entrepreneurship]

Mangalore Institute of Technology & Engineering

Mijar, Moodabidri, DK Dist, Karnataka

https://mite.ac.in/

INSTITUTE PROFILE

Mangalore Institute of Technology & Engineering (MITE) was established in the year 2007 by Rajalaxmi Education Trust®, Mangalore to promote quality education and with intent to serve the society. MITE is affiliated with Visvesvaraya Technological University, Belagavi, Karnataka, and is recognized by AICTE, New Delhi. In a world of opportunities for success, education plays a paramount role in moulding, shaping and preparing youngsters to face the challenges of the future. At MITE, we believe that education is the manifestation of perfection in a human being and we instil the most needed human values and ethics to our students.

The institute started with 4 UG programmes in Engineering with an intake of 240 students, now offers 10 UG programmes & 1 PG programme in Engineering, 1 PG Program in Computer Applications and a PG programme in Business Administration. The institute also offers 7 PhD programmes in Basic Science and Engineering. Presently, the institute has 2500+ students in roll and 180+ faculty members. MITE has been Accredited by **NAAC with A+ Grade** and a CGPA **Score of 3.44**. Also, Six of the UG Programmes are Accredited by NBA.

Located amidst lush greenery and a serene ambience in Moodbidri, near Mangalore, the campus spreads over an **area of 74 acres** in the sylvan surroundings near Mijar enroute to Karkala. Integrating modern design, construction technology and eco-friendly techniques, the campus provides the right setting to the students for effective learning.

In this Millennium, world is characterized by technology and constant changes. At MITE, we produce professionals who have the optimum mix of attitude, skill and knowledge. This aids them adapt to the emerging trends with confidence and pursue their chosen professions with comfort. It is our endeavour to ensure that needs and expectations of every student is fulfilled, enhancing the ability to acquire and apply knowledge. Our highly professional and dedicated faculty drawn from academia and industry possess impressive credentials. Their missionary zeal in teaching shape careers at MITE. The institute, known for its high academic standards, has registered **22 University Ranks over the last 5** years as a reference to the quality teaching-learning pedagogy.

Engineering Education is complete only when a student is able to apply his knowledge in the real world. To bridge the gap, MITE has been interacting with major Industries, thus providing real world exposure to our Students. MITE has **collaborations with industries of repute** such as Salesforce, Bosch Rexroth, Siemens, Carl Zeiss, Toyota Industries Engine India, KPIT, Infosys & UiPath. MITE secured the highest category- **PLATINUM rating in the latest AICTE- CII Survey** of Industry Linked Technical Institutes in India - 2020 for overall industry linkages.

The institute also has **MoU with Binghamton University**, State University of New York, USA. The MoA with Binghamton University facilitates Certification Program on '**Lean Six**

Sigma –Yellow & Green Belt' and '**Data Analytics & Data Mining**' in the campus by the professors ofBinghamton University. MoA also promotes opportunities for Internship Programs at US, Mentoring for Innovative ideas, and support for international conferences. Under Faculty exchange program, faculty from Department of Physics has visited Binghamton University for 3 weeks training program on the fabrication of solar cells and 2 faculties from the Department of Information Science have visited the university for skill enhancement and exchange of ideas.

MoU with Kumamoto University, Japan facilitates an academic exchange program and collaborativeresearch. MoU with ITE - West Singapore has enabled the visit of students from ITE-West to MITE every year, to undergo one academic credit Course on Microcontrollers and Web Technologies & Development since 2010. MBA students have an additional opportunity to get trained by faculty from prestigious MDIS, Singapore, handling the subject, providing international exposure for the last 10 years.

The untiring efforts and continuous progress in establishing MoU with reputed industries have honed the innovative skills of the students, which is reflected through excellent performance in Project showcases, 102 innovative projects getting selected for KSCST sponsorship during the last five years with 1 project adjudged as the best innovative project of the year in 2018 and 2021, 2 projects getting the best project of the year award in 2019, 4 projects winning the award of the best project of the year 2020 resulting in the Institute awarded **'Best Performing College of the Year 2020'** at the 43rd series of the Student Project Program of Karnataka State Council for Science and Technology (KSCST). Also, several innovative projects have received awards in national/reputed industry level competitions every year.

MITE is established with a vision to benefit the global community using its strength in Research and Development. Research, Innovation, Consultancy being key areas of focus, the institute is committedfor promoting interdisciplinary research, innovation skills amongst the research fraternity to develop novel technologies through academic and industry collaborations. The institute has established a **state-of-the-art Incubation Center** with 10,000 sq.feet to assist budding entrepreneurs who aspire to build their ventures. The center is supported by the department of IT, BT, S&T, Government of Karnataka through the New Age Innovation Network, with a grant of Rs. 1.2 Crores and Rs. 65 Lakhs by MSME, Government of India. Entrepreneurship development, Industry Institute Interaction(III) and IPR cells, through MITE AlumniInnovation Centre empowers the students/faculty to develop innovative ideas into technology, facilitating interaction with industry experts, organizing competitions like hackathons, ideathons, and awareness towards IPR.The support of the institute to budding entrepreneurs through the Innovation and Incubation Centre has resulted in **20 innovative ideas being incubated** and **6 start-up companies are functioning on the campus**.

With an intent to shape globally competent graduates, MITE has established a campus that would aid students to manifest their true selves by promoting effective learning, and creativity, to ensure that they become formidable individuals to "INVENT SOLUTIONS".

About the Chairman – Mr. Rajesh Chouta

 Mangalore Institute of Technology & Engineering (MITE) is promoted as and managed by Rajalaxmi Education Trust® Mangalore. Mr. Rajesh Chouta, Chairman of the Institue, is a man with a vision who chased success and achieved it. As a bright and enthusiastic Electronics and Communication Engineering Graduate, he joined the highly reputed company ABB, Bangalore and started his professional career. Later, after two years he started his own venture, Digital Systems in Mangalore in 1995. This was followed with IIHT, the Computer Hardware and Network training network centre in 1997. IIHT branches at Udupi, Bhatkal and Kasargod trained over 15,000 students who successfully passed from IIHT stand for its success saga.

The ever-growing need for professional Engineering education to meet the escalating demands made Mr. Rajesh Chouta think about establishing quality educational Institution. This resulted in the foundation of Rajalaxmi Education Trust. Under its wings functions **Mangalore Institute of Technology and Engineering** at Mijar. With approval from AICTE, New Delhi and VTU, Belgaum, classes commenced in the academic year 2007-08. The sprawling campus, excellent infrastructure and highly competent staff make MITE a one-of-its-kind educational institution in Karnataka. As a man who strives for excellence and always aspires perfection, Mr. Rajesh Chouta is not willing to rest on his laurels. His eyes have been set on the horizon to achieve more and to mould a better tomorrow for his fellow humans.

INDUSTRY INSTITUTE COLLABORATION

Engineering education needs to be in synch with the latest engineering technology, practices and trends. MITE has always strived towards orienting students towards standards that would make them globally competent and employable by providing appropriate value-added programs and industrial certifications. MITE has immense association with industry that enhances innovations and help graduates to prepare themselves for satisfying professions. Industry linkage with the Institution we believe bridges the education-employability gap effectively. The alliance with industry complements the curriculum, enhances their capability and presents them with great avenues that would act as a launch-pad for their successful career.

1. SIEMENS 'Centre of Excellence' in Digital Design, Validation & Digital Manufacturing
MITE in association with Siemens PLM Software has set up a Centre of Excellence (COE) for Digital Design, Validation and Digital Manufacturing. The Centre of Excellence is the First of its kind & the only centre established in the State of Karnataka. The total investment for the Centre is **US$ 79 Million**. The COE will give students access to the same technology that companies around the world depend on every day to develop innovative products in a wide variety of industries including automotive, aerospace, machinery, shipbuilding, high-tech electronics and many more. MITE will be using the same technology in its classrooms that companies worldwide depend on to design some of today's most sophisticated products. The Centre of Excellence includes Siemens PLM Software solutions such as NX™, Tecnomatix® and Fibersim™. The software grant has been provided by Siemens PLM Software's academic program.

2. MITE – Bosch Rexroth Centre of Competence for Automation Technologies
Bosch Rexroth has set up the Regional Centre of Competence in Automation Technologies – 'Drive and Control Academy' at MITE in the year 2011. The centre has labs for testing on emerging sectors such as Robotics, CNC technology, Mechatronics, Hydraulics, Pneumatics and PLC technology, which will expose students to the latest developments in these fields. The centre of competence is established to bridge the gap between industry expectations and theoretical deficiencies –set up at a cost of INR 5.5 Crores. The core objectives of Centre are:
- Provide hands on experience to students of engineering, polytechnics and vocational institutes to the recent technologies practiced in the industry.
- Enable all the students in different regions and rural areas to have exposure to industry and technologies, by the concept of regional Centre.
- To work on Industry related projects with infrastructure & equipment akin to the Industry.

3. Carl Zeiss India Pvt Ltd – Industrial Metrology
Carl Zeiss India Pvt Ltd is in the business of manufacturing / assembly of eye glass lenses / Industrial Metrology equipment. Industrial metrology division caters to design & manufacture of precision metrology equipment in the fields of automotive, machinery, aerospace and allied

industries. CZI is a leader in CNC coordinate measuring machines and complete solutions for multi-dimensional metrology in tool rooms and production applications. This Memorandum of understanding has been arrived at skill development in the area of industrial metrology and finding value creating opportunities for students, teaching faculty and industry personnel.

4. UiPath - MoU on skill Development in Ropotic Process Automation

UiPath is a global software company that makes robotic process automation (RPA) software. Its headquarters are in New York City. UiPath develops software to automate repetitive digital tasks normally performed by people. The technology combines emulating how humans read computer screens (AI computer vision), together with APIs, and gives users access to pre-built automation components that can be combined to automate routine processes. Newer applications of the company's software include coordinating with artificial intelligence systems to simplify repetitive front office tasks including customer management. UiPath Academic Alliance Program offers the Students courses on **Robotic Process Automation**, towards skill development in the domain of Artificial Intelligence and Machine Learning.

5. Infosys - Campus Connect Advanced Partner

Campus Connect is a unique academia-industry initiative of Infosys to "architect the education experience". The goal is to build a sustainable partnership with engineering education institutions in India and abroad for mutual benefit; producing "industry ready" recruits. MITE is officially partnered with Infosys to offer the various programs of Campus Connect initiative since 2010. The Campus Connect offerings are intended to make the college curriculum align with the industry's requirements. Also as part of this program industry-oriented topics are designed and the courseware are provided to the students. Furthermore, MITE is recognized as **an 'Advanced Partner'** by Infosys under Campus Connect Program. Also Infosys has recognized MITE as the **Best College for its contribution for the rollout of 'Soft Skills'** Program to the students.

6. Salesforce - MoU on Skill Development on Salesforce Tool

Salesforce, Inc. is an American cloud-based software company headquartered in San Francisco, California. It provides customer relationship management software and applications focused on sales, customer service, marketing automation, analytics, and application development. The MoU focuses on Skill Development on Salesforce Tools and Mulesoft Software.

7. KPIT : Program for Academic Collaboration and Engagement

Under the KPIT PACE Program, now known as KPIT Nova, Students are provided practical training on **Automotive, electronics design and development.** MITE signed a MoU with KPIT during 2018, which was renewed in the year 2021 for further 3 more years.

8. Toyota Industries Engine India Ltd (TIEI)

MITE signed a MoU with TIEI in 2021, under which TIEI will depute experts to deliver lectures and conduct workshops at MITE as part of deepening Industry and Academia relationship and exchange **latest trends in Engine technology**. Also, Student ideas will be identified and provided with Mentor Support and practical knowledge at TIEI Campus through Internships and Industry visits.

9. National Highways Authority of India (NHAI)

MITE has signed a MoU with NHAI during 2020. With this agreement, NHAI will provide the list of potential National Highway stretches to the Civil Engineering Department at MITE which would facilitate the implementation of the project by providing relevant data through field office/consultant/concessionaire/contractor in the project.

10. Servify

Servify has a MoU with MITE since Nov-2017. Servify Lee Technologies Private Limited ("Servify") integrates multiple OEM Brands and their sales and service ecosystem through its product lifecycle management platform to deliver great product ownership experience. Started in 2015, India Headquartered Servify has spread its reach in multiple countries across the globe, partnering with 75+ brands, including top consumer electronics manufacturers, retailers, distributors, insurers, financial institutions, product liquidators, service providers, and carriers.

11. MobiCollector Solutions Pvt. Ltd

MITE has a MoU with MobiCollector Solutions Pvt. Ltd since Sep 2019. Mobicollector is a technology company which empowers SMBs (Small Business Owners) with products that are simple and impactful at the same time. As a technology company, we employ state of art technology stack such as Cloud, Analytics, IoT, AI (Artificial Intelligence), RPA (Robotic Automation Testing) to create some of the stunning, hyper-fast loading mobile apps.

12. Juego Studios Pvt. Ltd

MITE has a MoU with Juego Studios since June 2016. Started in 2013, JUEGO STUDIOS has expanded from being a game design company to a full-fledged technology venture dealing with AR/VR, IoT, AI and other emerging technologies. Juego Studios offers end-to-end solutions in native and cross-platform in App, game development, Cocos2d-X, PlayCanvas, blockchain, development frameworks, and specialized in game design, VR, NFT, metaverse & solutions.apps.

GLOBAL ACADEMIC COLLABORATION

1. Binghamton University, New York

MITE has signed an important Memorandum of Agreement (MoA) with Binghamton University, State University of New York. With the MoA, MITE aims to excel in Research with collaborative research works to be done in several areas. Binghamton University is ranked 15th in the Forbes Magazine – 'America's 25 Best Value Colleges' (July 2016). BU is ranked 18 in the Best Value Public Colleges without Aid (Princeton Review, 2022), Ranked Best Accounting Schools in NY (University HQ, 2022). As per the MoA, MITE and Binghamton University agree that the intention of this partnership is to create a specific foundation to encourage exchange and sharing of academic, scientific and cultural experiences amongst their professors, students and administrative personnel.

As part of this collaboration, MITE and Binghamton University will broadly explore:

i. Collaborative Research work in specific areas.

ii. Short courses, seminars, workshops, and courses provided by Binghamton to MITE

iii. Faculty Exchange Program

iv. Support of conferences and workshops

v. Discussions and sharing of information on incubation of start-up companies

Binghamton University has been conducting 'Lean Six Sigma Yellow Belt and Green Belt' Certification, , Certification Courses on 'Data Mining and Analytics' for the Students.

2. MoU with Kumamoto University

Japan facilitates an academic exchange program and collaborative research. Kumamoto University is one of Japan's oldest and most prestigious national universities. Kumamoto University is one of the top public universities in Kumamoto City, Japan. It is ranked #651-700 in QS World University Rankings 2023.

3. MDIS Singapore

MITE is in collaboration with MDIS, Management Development Institute of Singapore, a premier University in Singapore. MDIS Business School (MBS) is also one of the biggest business schools among private education organisations in Singapore. To impart international learning experience, each year, Management students visits MDIS Singapore, where they undergo Two week training and get hands on experience on International Business practices and etiquettes.

4. ITE-West Singapore

MITE is also in collaboration with ITE-West, Singapore, for student exchange program in the technical field. Students from ITE West have been visiting MITE since 2010. They undergo short term course every year. Two batches of students visit MITE every year. One batch of student shall undergo the training on Microcontrollers & PLC course under the Electronics domain and another batch of student on Web Development Course in Computers domain.

3 – INNOVATION ECOSYSTEM

MITE has a steadfast belief in **"making a difference"** in the lives of students and the future generation by going beyond curriculum and academics. To attain this, institute has established an ecosystem for innovation, creativity, critical thinking, life-long learning and social entrepreneurship.

The institute has a **state-of-the-art Incubation Centre**, Innovation Centre, Maker Space, Centers of Excellence with a total of 10,000 Sq feet area. Employability skill development course from Infosys, Extensive courses beyond academics through CoEs of Bosch, Siemens, Technical skill development programs supported by MoUs with reputed industries provides our students Industry akin learning. Shaping global citizens through MoU with global universities and CoE in Japanese Language & Culture, inventing solutions through Innovation Centre, Incubation Centre to inspire budding entrepreneurs, are the untiring efforts of the institute towards the pledge " where stones turn into diamonds".

The Incubation center is supported by the department of IT, BT, S&T, Government of Karnataka through the New Age Innovation Network, with a grant of Rs. 1.2 Crores and Rs. 65 Lakhs by MSME, Government of India. Currently, 20 student ideas are incubated at the center with a grant of Rs. 3 Lakhs per idea in addition to technical assistance, office space and patent support. The institution has entrepreneurs and industry experts as mentors to support the student teams. The incubation center has 11 air-conditioned office spaces with a computing facility, 2 discussion rooms, Makers space with separate worktables, accessible to the incubatee's round the clock. Presently, **6 companies are functioning** in the campus including 4 from our alumni.

Entrepreneurship Development Cell (EDC) spearheads initiatives to support innovation on-campus by organizing workshops, boot camps, hackathons and start-up summit in association with government agencies and start-ups to groom entrepreneurs. Students of MITE have been continuously encouraged to 'Innovate' and design innovative products. Our Students have been successfully participated and won laurels in National and International Project Competitions. This has enabled us in bringing in Innovation in the campus. Organization shall take every necessary step to shape the young firms so that they can grow as a Company and come up with products that can be taken to the market.

Intellectual Property Right (IPR) Cell spurs innovation by conducting awareness sessions, Workshops on IP and training the students and the faculty on patenting of ideas. IPR Cell also assists in the conduction of novelty check, to protect the developed innovations. IPR Cell provides technical and legal expertise to file patent applications along with financial aid. **During the last 5 years, 2 patent granted, with 32 applications filed and 21 Patents published**.

The institution has student innovation clubs, AIREINO, Automotive Club, Robotics Club and Department Associations, for transfer of knowledge into technology demonstration. Career guidance cell facilitates talks and workshop on the latest trends in technology, interaction with industry experts through state-of-the art MITE Alumni Innovation Center along with mentoring the students.

MITE Foundation for Innovation Research and Startups through Technology
(Registered under the Companies Act, 2013 (18 of 2013))

MITE-FIRST

MITE Foundation for Innovation Research and Startups through Technology (MITE-FIRST) is established under the aegis of the Rajalaxmi Education Trust Mangalore, registered under the Company Act, 2013(18 of 2013). The Foundation has been leading transformation and a paradigm shift towards innovation through technologies by providing a comprehensive eco-system on building solutions that are sustainable and address societal issues. The efforts of the foundation have resulted in MITE turning to be a hub for innovation and young startups.

MITE FIRST focuses on Innovation in the domain of Manufacturing, agro-tech, social innovation, and software services, identifies innovative ideas from students, faculty, and alumni, and extends technical, financial, and legal aid. The foundation works in conjunction with the Entrepreneurship Development Cell, Incubation Center and the Research Council to identify the emerging ideas, provide support and elevate them to startups that can disrupt businesses.

MITE-INCUBATION CENTER

MITE-IC Vision and Mission

Vision

Establishing Best-in-class Incubation center in Rural area to provide impetus to the Local entrepreneurs by providing center of excellence that nurtures and promotes innovation and entrepreneurship among students, faculty, staff, and other aspirants in their pursuit to be self-reliant and develop sustainable and successful startup ventures.

Mission

MITE-IC is committed to provide an excellent infrastructure of co-working spaces and machinery, expert mentorship, seed money loan, professional networking and legal assistance to the incubated startups for their sustainable growth and financial success, which at large contributes to nation building.

MITE-IC GOVERNANCE STRUCTURE

The Incubator will have a Governing Council (GC). The GC will have the following composition: MITE INNOVATION AND STARTUP POLICY

1) Chairman, MITE
2) Principal, MITE
3) Professor-in-charge – Incubator, nominated by the Chairman, MITE.
4) Incubation Manager- Nominated by the Head of the Institution,MITE
5) An external Expert having a good track record in incubating companies.
6) An external Expert with experience in Venture Capital/Private Equity.
7) An Alumnus Entrepreneur with interest in social venturing
8) A nominee from Social Business Incubator

- The Institute already has an 'Incubation Centre' with 10,000 Sq feet space that includes the Office Space, Maker Space, Innovation Center, Centers of Excellence.
- The complete funding for the Building and the basic infrastructure will be funded by the Parent Trust itself.
- The Incubation Block will have separate floors for office spaces to the Incubated Ideas, a floor for Maker Space and Dedicated Labs, a separate floor for Start up companies. The existing Innovation Centre and Centres of Excellence will augment the proposed Incubation Block.
- In addition to the existing Collaboration with Global and Startup Companies, the Institute is exploring new opportunities to establish Centres of Excellence in the New Age Technologies

that will shape the future of entrepreneurial ventures. Centres of Excellence in the Domain of Engine Technology, Artificial Intelligence, Battery and Renewable Energy, Blockchain Technology is proposed in the next years to provide the right Industrial ecosystem to the Ideators and Entrepreneurs

- MITE Incubation Centre has presently 6 Companies operating their Business. A proposal inviting Partner Companies to establish their Local Development Center at MITE Incubation centre is mooted to provide Students an easy access to the Technology and the Industry ecosystem. Startup companies in the Region will also be invited to have their Development centres established at MITE Incubation Centre.

- The Management Studies Graduates of the college will be involved in the process of marketing the Incubation facility to the right and needy Entrepreneurs.

- The main focus will be to reach the Talents and Young Entrepreneurs in the remote and rural corners of the region. Local Media and Press will be used in a positive and right way to ensure the Entrepreneurs are informed about the facility available in the centre.

- Well qualified Entrepreneur Leaders, Venture Capitalists, Industry Leaders will be invited for interaction with Incubates to ensure the Startups in the Incubation centers get the proper direction to sustain in the long term.

ACTION PLAN

A Steering Committee will oversee and execute the Development Plans and activities of the Incubation Center. The Steering Committee has representation from Institute Stakeholder, Technical Experts, Management Experts, Domain Experts and Experts from Finance, Entrepreneurs to guide and provide support to the Incubation Center Team.

The Following Activities are undertaken to raise awareness of the Incubation ecosystem, and partake in the Center activities:

- Local Outreach Program through Press including Print and Media, extensive use of Social Media is done to reach out to all the Innovators across the Region
- An Outreach Team will be formed which will visit all the Schools and Colleges in the Region, to brand and raise awareness of the Incubation Center and the opportunities available for the Innovators
- Entrepreneurship Awareness Camps will be conducted every Quarter in association with reputed Organizations like MSME, EDII and the Dept of IT, BT, S&T, Govt of Karnataka
- Hackathons shall be conducted by identifying Local problems, Sustainable Development Goals, Startup India Challenges. To increase the coverage and for better visibility, prominent hackathon platforms like 'HackerEarth' shall be used.
- An Intensive Entrepreneur Boot Camp will be organized twice a year to guide Innovators and would-be entrepreneurs through the step-by-step process of starting and managing a Business. The Boot camp will teach an Innovator how to write a Business Plan, Do pitch presentation, and prepare Budget plans.
- Annual Program to identify Ideas - Ideathon will be conducted every year as a follow up to the Boot camp, wherein Innovators will do a pitch presentation. Domain Experts, Entrepreneurs and Industry experts will be invited to evaluate the ideas for further action.
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- Workshop on latest technology Developments, emerging trends, and as-per the requirements of the Focus area shall be conducted by inviting Industry Experts once in a quarter. Any Workshops as per the need basis will be conducted to nurture Entrepreneurs
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- Talk One Startup Leaders/ Entrepreneurs shall be organised at least once every month.
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- Connect to Angel Investors, Venture Capitals shall be made by the Incubation Center. Angel Investors and VCs shall be invited for the Pitch presentation and funding opportunities for the Startup Companies, Incubated ideas to graduate.

INCUBATION MODEL

MITE Incubation Center with the guidance from the Core Team and the Steering Committee will function towards a long term sustainability Model. The Model will involve the following steps.

Phase 1
  Create awareness about Entrepreneurship culture
  Create Talent pool inclined towards becoming Entrepreneurs
  Create Boot Camps

Phase 2
  Initiate Propose Your Ideas - Ideathon Contest, Hackathon Contests
  Assign Mentors to each Ideas
  Guidance to prepare Business Plan and Pitch Presentation

Phase 2
  Invite Domain Experts and Industry Experts to evaluate IDeas
  Evaluate Ideas for funding and Incubation Support
  Select the potent and capabe ideas to be nurtured in Incubation

Phase 3
  Selected Incbates to be provided Infrastrucutre at the Incubation
  Selected Ideas to be provided with Funding opportunities
  Marketing and Technical guidance to be provided to commercialize and
'Take it to the market'

Phase 4
  Connect the Incubates with VCs and other companies for commercial
 expansion
  Provide Guidance to graduate the Startup from Incubate

MENTOR POOL

The Institution has a strong pool of entrepreneurs and industry experts as mentors to support the student teams. With diverse Industry collaboration that has led the Institute to be placed in the 'Platinum' Category in the AICTE-CII Survey. We look forward to enhancing the Mentor Pool so that the Incubates can get strong support to build their prototypes. The Institution will further work towards inviting more Mentors in the coming years.

Following are the Mentors for the MITE Incubation Center.

#	Name	Profile
1	Dr. M S Ganesha Prasad	Principal, Mangalore Institute of Technology and Engg A highly qualified Technocrat with 35+ years of Experience, Dr. Ganesha Prasad & Team has filed 32 Patent applications, of which 29 are published in the Official Indian Patent Journal, and 11 Patents commercialized. He is an Author of Four Books and published 64 Journal / Conference Papers. He has also undertaken Five R&D Projects (AICTE-2/ VGST-1/ IEI -2), a total value of approximately INR 50 Lakhs.
2	Narendra U P	Dean (T&P), Mangalore Institute of Technology and Engg As the Center Head of MITE Incubation Center, Mr. Narendra has been nurturing the Incubated ideas at the Incubation Center. He was the Primary applicant of NAIN Incubation Project through which a grant of Rs. 1.2 Crore was sanctioned for the MITE Incubation Center from the Govt of Karnataka.
3	Dr. Pradeep B S	Professor, Dept of Computer Science Dr. Pradeep has an experience of 20 Years, 8 patents, 10 Funded projects in India/abroad, 2 Text Books, 70 Published Papers. He also has Industry experience as Director, International R&D dept, Linyi Top, China
4	Dr. C R Rajashekar	Professor & Head, Dept of Mechanical Engg Dr. C R Rajashekar, with an experience of 30+ years has 40+ Paper published. Area of Interest are Combustion, Alternate fuels, Heat Transfer.
5	Dr. Vinayambika Bhat	Professor, Dept of Electronics & Communication Engg Expertise in the area of Robust Control Engineering, Dr. Vinayambika has 35+ Publications, currently working on Research project that has received a grant from Vision Group of Science & Technology, Govt of Karnataka
6	Mr. Ramalingam H M	Head, IPR Cell, Senior Assistant Professor, Dept of Electronics Mr. Ramalingam has an experience of Industry and Academics. He has consistently showcased some of the Innovative ideas at prestigious events and won Major Awards for the at National level competitions. He had won the **2022 TIBCO Global Hakathon**, All India II Best Project at Unisys Cloud 20/20 in the year 2022 and 2017, All India II Best Project at Unisys Cloud 20/20 in the year 2019 and 2016.
7	Mr. Raghavendra Ganiga	Founder & CEO, Mobicollector Solutions Pvt. Ltd, Bengaluru An Entrepreneur with previous 15+ years of experience at top tier IT Companies in India and Singapore, has now ventured into his own startup to realize the 'Digital India' dream, through which he has been trying to digitize

		the unorganized sector of Cable operators. His client base stretches from Kashmir to Kanyakumari.
8	Mr. Nagesh K P	VP - Head of Data & Digital Service Line(s), Strategic Accounts, SLK Software, Bengaluru Entrepreneurial Leadership professional with 23+ Years in IT Products, Consulting & Services space spanning only two companies. Striving towards Self-Actualization in Data, Digital, AI/ML, Indological Sciences. Proven expertise in building JV, Verticals, Business Units, Service Lines, CoEs, Product Startups within a short span covering diverse Domain, Industries, Tech enabled by Digital Dexterity. Academic Credentials: Multiple Master's Degree and Certifications in Engineering, Software Systems, Cyber Security, Advanced Computing, Management, HRM, ITIL, Scrum, Ethical Hacking, Enterprise Architecture, AWS, Internal Audit, Ethical Hacking, Computational Data Science
9	Mr. Amit Singh	Co-Founder & CEO, Humming wave Technologies Pvt. Ltd A Graduate from RVCE and MBA from IIMB, Mr. Amit has around 25 Years of experience in the IT Industry with Leadership roles in Major companies including Infosys, MindTree and Emids Technologies. Presently, he is the CEO of Humming wave, which aims at building aesthetically pleasing and high performing mobile apps.
10	Mr. Mahesh C S	Co-Founder & CEO Heraizen Technologies Private Limited, Bengaluru Mr. Mahesh has around 25 years of experience in the IT Industry in various Technical and Management Roles. Prior to co-founding Heraizen, he served at MindTree in various Management Roles.
11	Mr. Shashimohan Doddamane	Program Manager at Capgemini Shashimohan is a Proven Leader with 27 Years of experience across various Geographies and Verticals in the Sustainability and SAP Enterprise Application space. He has 19+ years of SAP of experience – spanning : Business Analysis, Configuration, Hands on Functional consulting, AMS Support, Global Roll Outs, implementation, system upgrade, Incident / Change Management, Service Delivery, Team Lead , Competency development , Project Management & Program Management experience. Mr. Shashimohan is a graduate from NIT, Karnataka.
12	Dr. U C Niranjan	Director of Research & Training - Manipal Dot Net Pvt. Ltd. Dr. Niranjan U. C has more than 20+ years of experience and passion in signal-processing. Well known as a teacher and senior researcher, he was a visiting researcher at Parama Tech Biomonitoring Institute, Fukuoka, Japan in 1994 & 1996. He has been teaching at various levels at MIT since 1986. Dr. Niranjan is a Senior Member of the IEEE and the past national secretary of the Biomedical Engineering Society of India. He has published over 40 Journal and conference papers.
13	Mr. Mohammad Azzan Patni	Director, Pace Wisdom Solutions Ltd, Bengaluru A Young IT Engineer who is an Alumni of MITE worked at Span Infotech Pvt Ltd, before becoming an Entrepreneur. He is the Co-Founder of 'Pace Wisdom Solutions'.

14	Mr. Donson D'Suoza	Chief Of Operations · Blackfrog Technologies private Ltd Manipal Mr. Donson D'Souza is the Co-Founder of Blackfrog Technologies. He has Two Patents to his credit and is working on Bio Medical Devices.
15	Mr. Naseef Nazar	Director, Femisafe A Social Entrepreneur Co-founder of FemiSafe, a feminine hygiene and personal care brand, first from South India curated exclusively to promote personal and menstrual hygiene, break the stigmas revolving around the same making it accessible and affordable to all.
16	Ms. Noureen Aysha	Director, Femisafe A Social Entrepreneur Co-founder of FemiSafe, a feminine hygiene and personal care brand, first from South India curated exclusively to promote personal and menstrual hygiene, break the stigmas revolving around the same making it accessible and affordable to all.
17	Mrs. Kiranmayee	Co-Founder and Vice President Heraizen Technologies Private Limited,, Bengaluru Over 20 + years of experience in both Products & Services organizations in the areas of software development & delivery excellence. 4 + years of experience as Co-founder and Director at Heraizen Technologies Pvt. Ltd. Bangalore. Heraizen is a technology products company.
18	Mr. Suman B K	Co-Founder & Director Juego Studio Pvt. Ltd, Bengaluru. Suman is an energetic entrepreneur with a decade of experience in IT Services, Project-management, Client relationship & delivery , Organisational leaderships, He has worked in various industries specialised in Gaming technologies, Blockchain, Meta-verse, Render Layer, SDLC, Immersive content development , Gamification, AR & VR.
19	Mr. Naushad Mohammed	Co-Founder & COO Juego Studio Pvt Ltd, Bengaluru Mr. Naushad has 10+ years of experience with various sectors like Services, e-commerce and IT industry. He has been part of India's 2 of the best start-ups like redBus.in & Practo, handling Sales and Operations – L&D function. Presently Naushad heads the Business development & global expansion.
20	Mr. Chethan Srinivas	Director of Product Management, VISA IT Graduate with 20+ Years of experience with MS from BITS Pilani, MBA in Product Development from Institute of Product Leadership, Executive Program from IIM Ahmedabad, He has a strong passion in the domain of Product development. At VISA, he is responsible to define and drive the payment product platform strategy and roadmap of differentiated billing capabilities of payment ecosystem of Merchants, Acquirers and Technology Partners.
21	Mr. T S B Sundar Ram	Staff Security Engineer, Junpier Networks Bengaluru Experienced Software Engineer with 20+ Years of experience and demonstrated history of working in the computer networking domain. Skilled in DevOps, Unix, Information Security, Agile Methodologies, Junos, Graduated from University of Washington
22	Mr. Prashanth Shenoy	Associate Director, Harman Connected Services An experienced Software Engineer with 20+ Years of experience at Major IT

		Companies, and a EPLM from IIM Calcutta
23	Mr. Balasubramanyam G	General ManagerGeneral Manager Toyota Industries Engine India pvt. ltd.. 30 years of Experience in Manufacturing Industries from Machine tool to Textile machinery & Auto parts Industry. Knowledge & Experience acquired in design, process, manufacturing, purchase, production control & logistics.
24	Mr. Venkatesh C S	Co-Founder and Vice President Heraizen Technologies Private Limited,, Bengaluru 20+ years of experience in the IT industry incl. entrepreneurship, product management, R&D leadership (management and technical) roles, mostly in the products space with experience in the areas of software licensing (entitlement & compliance), product structure management, telecom network management and educational accreditation & automation.
25	Mr. Ashwin Balram Shenoy	Senior Systems Engineer at Mercedes-Benz AG An Auto enthusiast, Mr. Ashwin Balram has Four Patents to his credit. Presently, at Mercedes Benz, he is responsible for Writing Requirements and Vehicle Validation for Radar Systems which support Level 2 & Level 3 Automation in Mercedes Benz Passenger Cars. He is working as a System Responsible for Blind Spot Monitoring, Exit warning and Pre-Safe Systems in Mercedes-Benz Passenger Cars Division.

INCUBATION- IDEA SELECTION PLAN

An Incubation Policy Document will be published to envisage a transparent and fair policy for the Incubation Center functioning. The Selection for the Incubation Center will follow the Steps as below :

- Open call inviting the Innovative Ideas Proposal that will be published through Media
- Easy Online procedure to submit the application
- The Short listing rules and regulations to be published on the Website
- The submitted proposals to be reviewed by Domain Experts
- The Review Team will be selected from the Mentor Pool, Startup Leaders, Technology Experts
- Shortlisted Teams will be invited for a Boot Camp to shape their proposal in a better way
- The Teams will invited for a Open pitch presentation, that will be reviewed by Team of Panel Members who are the Domain experts
- The Panel Members will review the Problem area, Novelty, Originality, Feasibility of the Solution, Relevance to the Sector and the requirements and present its review
- The Teams that are recommended by the Panel Members will sign an Agreement with MITE Incubation Center for incubation, will be provided Infrastructure as decided in the Agreement
- The Grants will be released to the Team as per the SOP of the Sanctioning Authority and the Incubation Center
- Incubates to be connected with Mentors from the Industry for Technical Guidance
- Technical Guidance, Workshops, if any will be matched with the calendar plan of the Incubation center and will be provided as per the requirements
- Provide Guidance to the Team to find ways of commercialising the ideas and provide leads
- Provide guidance for IP through the MITE IPR Cell, if required. IPR experts will guide the Team accordingly.
- Once the incubates find a self sustaining model, the incubates to graduate with a proper business model

- Phase -1
    - Open Call for Ideathon
    - Review of Ideas based on Relevance, Novelty, Originality by Experts
    - Shortlisted Teams to submit Detailed Pitch Presentation
    - Teams to do a detailed Pitch Presentation to Review committee
    - Selection by Review Committee

- Phase 2

    - Agreement between Selected Team and Incubation Center
    - Incubate, Build Prototype
    - Assist to Graduate as a Company/ VC funding

POLICY
Student & Faculty Startup Policy

MITE actively supports its faculty, staff, and students to participate in innovation and entrepreneurship (I&E) related activities, thus encouraging students and faculty to consider startups and entrepreneurship as a career option. In addition to the MITE-INNOVATION AND STARTUP POLICY, the following clauses apply to MITE faculties and students.

1. Strategies and Governance

1.1 MITE Management will allot a minimum 1% fund of the institution's total annual budget for funding and supporting innovation and startups-related activities by creating a separate 'Innovation fund.'

1.2 The strategy will also involve raising funds from diverse sources to reduce dependency on public funding. Bringing in external funding through government (state and central) such as DST, MHRD, AICTE, Startup India, Invest India, Elevate-Startup Karnataka MSDE, New Age Innovation Network, MSME, etc. and non-government sources will be encouraged.

1.3 To support technology incubators, MITE may approach private and corporate sectors to generate funds, under Corporate Social Responsibility (CSR) as per Section 135 of the Company Act 2013.

1.4 MITE may also raise funding through sponsorships and donations. MITE will actively engage alumni network for promoting Innovation & Entrepreneurship (I&E).

2. Startups Enabling Institutional Infrastructure

2.1 MITE will strive to create facilities within the institution for supporting pre-incubation (e.g., IICs as per the guidelines by MHRD's Innovation Cell, EDC, IEDC, New-Gen IEDC, Innovation cell, Startup Cell, Student Clubs, etc.) and Incubation/ acceleration by mobilizing resources from internal and external sources.

2.2 The Pre-Incubation/Incubation facility shall be accessible 24x7 to students, staff, and faculty of all disciplines and departments across the institution.

2.3 Pre-incubation facilities may or may not be a separately registered entity and 'Foundation for Innovation Research and Startups through Technology' (MITE-FIRST) is established under the aegis of the Rajalaxmi Education Trust Mangalore. MITE-FIRST is registered under the Company Act, 2013(18 of 2013). The Foundation has been leading transformation and a

paradigm shift towards innovation through technologies by providing a comprehensive eco-system on building solutions that are sustainable and address societal issues. The efforts of the foundation have resulted in MITE turning out to be a hub for innovation and young startups.

MITE FIRST focuses on agro-tech, social innovation, and software services, identifies innovative ideas from students, faculty, and alumni, and extends technical, financial, and legal aid. The foundation works in conjunction with the Entrepreneurship Development Cell, Incubation Center and the Research Council to identify the emerging ideas, provide support and elevate them to startups that can disrupt businesses. Moreover, there will be better accountability towards investors supporting the incubation facility.

2.4 MITE may offer mentoring and other relevant services through Pre incubation/Incubation units in-return for fees, equity sharing, and (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.

3. Nurturing Innovations and Startups

3.1 MITE-IC will establish processes and mechanisms for easy creation and nurturing of Startups/enterprises by students (UG, PG, Ph.D.), staff (including temporary or project staff), faculty, alumni, and potential startup applicants even from outside the institutions.

3.2 Incubation support: Offer access to pre-incubation & Incubation facility to startups by students, staff, and faculty for a mutually acceptable time-frame. In case MITE-IC doesn't have a dedicated facility/ infrastructure of its own, then it may reach out to the nearest incubation facilities to facilitate access to their students, staff, and faculty.

3.3 MITE-IC will allow licensing of IPR from institute to startup: Ideally, students and faculty members intending to initiate a startup based on the technology developed or co developed by them or the technology owned by the institute will be allowed to take a license on the said technology on an easy term, either in terms of equity in the venture and/ or license fees and/ or royalty to obviate the early-stage financial burden.

3.4 MITE may allow their students/staff to work on their innovative projects and setting up startups (including Social Startups) or work as an intern / part-time in startups while studying/working. Student Entrepreneurs may earn credits for working on innovative prototypes/Business Models. Student inventors may also be allowed to opt for a startup in place of their mini project/ major project, seminars, summer training. The area in which a student wants to initiate a startup may be interdisciplinary or multidisciplinary. However, the student must describe how they will separate and clearly distinguish their ongoing research activities from work being conducted at the startup.

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

3.6 Students entrepreneurs may be allowed to sit for the examination, even if their attendance is less than the minimum permissible percentage, with due permission from the institute.

3.7 MITE may allow their students to take a semester/year break (or even more depending upon the institute's decision of the review committee) to work on their startups and re-join academics to complete the course. Student entrepreneurs may earn academic credits for their efforts while creating an enterprise. Institute should set up a review committee for the review of a startup by students, and based on the progress made, it may consider giving appropriate credits for academics.

3.8 MITE may allow faculty and staff to take off for a semester/year (or even more depending upon the institute's decision of review committee) as sabbatical/ unpaid leave/ casual leave/ earned leave for working on startups and come back. The institution may consider allowing its resources to faculty/students/staff to establish a startup as a full-time effort. The seniority and other academic benefits during such period may be preserved for such staff or faculty.

3.9 MITE 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:

3.9.1 Short-term/ six-month/ one-year part-time entrepreneurship training.

3.9.2 Mentorship support on a regular basis.

3.9.3 Facilitation in a variety of areas including technology development, ideation, creativity, design thinking, fundraising, 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 business.

3.9.4 MITE may also link the startups to other seed-fund providers/ angel funds/ venture funds or set up seed-fund once the incubation activities mature.

3.9.5 License institute IPR.

3.9.6 In return for the services and facilities, the institute may take 2% to 9.5% equity/ stake in the startup/company, based on brand used, faculty contribution, the support provided, and use of the institute's IPR.

3.9.7 For staff and faculty, the institute may take 20% of shares that staff/faculty takes while drawing a full salary from the institution; however, this share will be within the 9.5% cap of company shares listed above.

3.9.8 No restriction on shares that faculty/staff can take, as long as they do not spend more than 20% of office time on the startup in an 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, they will go on sabbatical/ leave without pay/ earned leave.

3.9.9 In the case of the compulsory equity model, a startup may be given a cooling period of 3 months to use incubation services on a rental basis to make a final decision based on satisfaction.

3.9.10 Participation in startup-related activities in addition to teaching, R&D projects, industrial consultancy, and management duties may be considered while evaluating the annual performance and promotion of the faculty.

4. Product Ownership Rights for Technologies Developed at Institute

4.1 When institute facilities/funds are used substantially, or IPR is developed as a part of curriculum/ academic activity, IPR is to be jointly owned by inventors and the institute.

4.2 Inventors and institute could together license the product / IPR to any commercial organization, with inventors having a primary say. License fees could be either/or a mix of Upfront fees or one-time technology transfer fees Royalty as a percentage of sale-price Shares in the Company licensing the product SPV set up by the SJEC may hold equity on their behalf.

4.3 If one or more of the inventors wish to incubate a company and license the product to this Company, the royalties would be no more than 4% of the sale price, preferably 1 to 2%, unless it is a pure software product. If it is shares in the Company, shares will again be 1% to 4%. For pure software product licensing, revenue sharing may be mutually decided between the institute and the incubated Company.

4.4 If the product/ IPR is developed by innovators not using any institute facilities, outside office hours (for staff and faculty), or not as a part of the curriculum by a student, then the product/ IPR will be entirely owned by inventors in proportion to the contributions made by them. In this case, inventors can decide to license the technology to third parties or use it the way they deem fit.

4.5 If there is a dispute in ownership, a minimum five-membered committee consisting of two faculty members (having developed sufficient IPR and translated to commercialization), two of the institute's alumni/ industry experts (having experience in technology commercialization) and one legal advisor with experience in IPR, will examine the issue after meeting the inventors and help them settle this, hopefully to everybody's satisfaction. Institute can use alumni/ faculty of other institutes as members if they cannot find sufficiently experienced alumni/faculty of their own.

4.6 Institute IPR cell or incubation center will only be a coordinator and facilitator for providing services to faculty, staff, and students. IPR cell will have no say on how the invention is carried out, how it is patented or how it is to be licensed.

4.6 If the institute is to pay for patent filing, they can have a committee that can examine whether the IPR is worth patenting. The committee should consist of faculty who have experience and excelled in technology translation. If inventors are using their funds or non-institute funds, then they alone should have a say in patenting.

4.7 Institute's decision-making body for incubation / IPR / technology-licensing will consist of faculty and experts who have excelled in technology translation. Other faculty in the department/institute will have no say, including heads of department, heads of institutes, deans, or registrars.

5. Norms for Faculty Startups

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

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

5.3 If 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.

5.4 Faculty must separate and distinguish ongoing research at the institute from work conducted at the startup/ company.

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

5.6 Faculty must not accept gifts from the startup.

5.7 Faculty must not involve research staff or other staff of the institute in activities at the startup and vice-versa.

5.8 Human subject-related research in a startup should get clearance from the ethics committee of the institution.