



## MANGALORE INSTITUTE OF TECHNOLOGY AND ENGINEERING

(An ISO 9001: 2015 Certified Institution)

(Affiliated to Visvesvaraya Technological University Belagavi)

Badaga Mijar, Moodabidri-574225, Karnataka

### **3.2.2 Conference/Workshops/Seminars Conducted on Research Methodology, Intellectual Property Rights (IPR) & Entrepreneurship for the academic year 2019-20**

Conference				
Sl. No.	Date	Activity	List of Enclosure	Page No.
1	30.01.2020 & 31.01.2020	Global Conference on Advanced Smart and Sustainable Technologies in Engineering (GCASSTE) - 2020	Brochure	1-12
			Report	13-14
			Sample Certificate	15
			Index Page of Conference Proceedings	16-28
			News Paper Report of the event	29-30





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Workshop			
Sl. No.	Date	Activity	Page No.
2	19.10.2020 & 23.10.2020	KAPILA:Kalam Program for IP Literacy and Awareness	108-110
3	21.02.2020 & 22.02.2020	Two Days Workshop on Ideas to Reality	111-117
4	23.12.2019	Workshop on National Startups Award 2020	118-119
5	15.11.2019 to 16.11.2019	Changeathon 2.0 24-Hours Hackathon	120-125
6	14.09.2019	Unlocked: Coding Challenge	126-131
7	12.09.2019 to 14.09.2019	Entrepreneurship Awareness Camp DST-NIMAT Project 2019-20	132-143
8	7.09.2019	One Day Workshop on the Significance of Intellectual Property Rights Significance for Entrepreneurs and Academia	144-148
9	6.09.2019 to 8.09.2019	Innovations and Incubations from Ideation to Realization (IIIR-2019)	149-175
10	23.08.2019	Startup Karnataka's E-Step Bootcamp	176-183
11	20.08.2019	EVERY India Ideathon	184-186
12	10.08.2019	Ideathon: Think, Create, Re-imagine	187-189





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Seminar			
Sl. No.	Date	Activity	Page No.
13	12.12.2020	IPR Awareness Program	320
14	25.06.2020	Webinar on Semiconductors and their Manufacturing Process and Usage in Industry – An Overview	321-324
15	24.06.2020	Talk on Employee Retention and Employer Branding	325
16	21.02.2020	Technical talk on Use of Modern Tool in Wire-Arc Additive Manufacturing	326
17	06.02.2020	Elevate 100 Mangalore Edition	327-328
18	28.09.2019	Review on Chandrayan mission	329
19	21.09.2019	Talk on Basics of Direct Tax	330-331
20	20.09.2019	Faculty Awareness Program on Turnitin-A Plagiarism Detection Tool	332-339
21	03.09.2019	Talk on Industrial Relations and Employee Management	340-341
22	20.08.2019	Talk on Life of an Entrepreneur	342-347



# **Details of Conference Conducted**





## GLOBAL CONFERENCE ON ADVANCED SMART AND SUSTAINABLE TECHNOLOGIES IN ENGINEERING

30<sup>th</sup> & 31<sup>st</sup> JANUARY 2020

Venue: MITE Campus, Moodabidri,  
Mangalore, Karnataka, INDIA.

Jointly Organised by:

Civil Engineering | Computer Science and Engineering | Electronics and Communication Engineering | Mechanical Engineering

### MANGALORE INSTITUTE OF TECHNOLOGY & ENGINEERING

An ISO 9001: 2015 Certified Institution, Accredited by NAAC and 4 Courses Accredited by NBA

A Unit of Rajalaxmi Education Trust®, Mangalore, Karnataka, INDIA

(Affiliated to the Visvesvaraya Technological University (VTU), Belagavi, Karnataka)

(Approved by the All India Council for Technical Education (AICTE), New Delhi)

Badaga Mijar, Moodabidri – 574225 Ph. 08258-262695 to 99 www.mite.ac.in





## THE HOST INSTITUTION

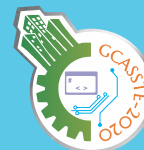
The Mangalore Institute of Technology & Engineering (MITE) was established in the year 2007, by the Rajalaxmi Education Trust® with perseverance for excellence, to foster innovation, and to prepare the students for a global career. Here at MITE, we believe that education is the manifestation of perfection in a human being and we instil the most needed human values and ethics in our students. MITE has made a name for itself as one of the most elite Engineering Institutes in a very short span of time.

Located amidst the nature's bliss, the lush green, serene campus, spread over 74 acres, houses the best in-class infrastructure offering 7 Undergraduate, and several Postgraduate and Research Programs. MITE has collaborations with **Binghamton University, the State University of New York, USA, ITE West Singapore, MDIS Singapore and Kumamoto University, Japan.**

The campus also has the coveted **Siemens Center of Excellence** for Digital Design, Validation & Digital Manufacturing and **Bosch Rexroth Center of Competence** in Automation Technologies. MITE has established a state-of-the-art Incubation Center with a grant of INR 1.2 Crores from the Government of Karnataka and INR 65 Lakhs from MSME, the Government of India, which has become a hub of opportunities for the budding entrepreneurs.

Conceding the fact that each individual exhibits innovation inherently, 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'.





# MITE OFFERS THE FOLLOWING COURSES

## UG Courses - BE

- ▶ Aeronautical Engineering \*
- ▶ Civil Engineering \*
- ▶ Computer Science and Engineering \*
- ▶ Electronics and Communication Engineering
- ▶ Information Science and Engineering
- ▶ Mechanical Engineering \*
- ▶ Mechatronics Engineering

**\* NBA Accredited Courses**

## PG Courses

### M. Tech

- Computer Science and Engineering
- Mechatronics

### MBA

- Finance
- Marketing
- HR

## Research Centres @ MITE

- ▶ Civil Engineering
- ▶ Computer Science and Engineering
- ▶ Electronics and Communication Engineering
- ▶ Mechanical Engineering
- ▶ Mathematics
- ▶ Physics
- ▶ Chemistry

# ORGANIZING COUNCIL

## Chief Patron

**Sri. Rajesh Chouta**

Chairman, Rajalaxmi Education Trust®, Mangalore, INDIA

## Patrons

**Dr. G L Easwara Prasad**

Principal, MITE, Moodabidri, INDIA

**Dr. Divakara Shetty S**

Dean (Academics), MITE, Moodabidri, INDIA

## Conference Chair

**Dr. Shrikanth Rao**

Professor & Head, Dept. of Mechanical Engg., NITK, Surathkal, INDIA

## Conference Co-Chairs

**Dr. D Venkat Reddy**

President, CITS, Hyderabad, INDIA

**Dr. Katta Venkataramana**

Professor, Dept. of Civil Engg., NITK, Surathkal, INDIA

**Dr. Raju Aedla**

Research Scientist, Kumamoto University, JAPAN

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**Dr. U C Niranjana**

Director, MDN Labs, Manipal, INDIA

**Dr. Alwyn Roshan Pais**

Associate Professor & Head, Dept. of Computer Science and Engg., NITK, Surathkal, INDIA

## Conveners

**Dr. C R Rajashekar**

Vice Principal & Head, Dept. of Mechanical Engg., MITE, Moodabidri, INDIA

**Dr. Venkatramana Bhat P**

Professor & Head, Dept. of Computer Science and Engg., MITE, Moodabidri, INDIA

**Dr. Ganesha Mogaveera**

Professor & Head, Dept. of Civil Engg., MITE, Moodabidri, INDIA

**Dr. Vinayambika S Bhat**

Professor & Head, Dept. of Electronics and Communication Engg., MITE, Moodabidri, INDIA





## ABOUT THE CONFERENCE

MITE is organizing a two day Global Conference on “Advanced Smart and Sustainable Technologies in Engineering” (GCASSTE-2020) that deals with the advanced technologies in the fields of Civil Engineering, Mechanical Engineering, Electronics and Communication Engineering & Computer Science and Engineering. The objective of the conference is to help in solving critical engineering problems, improving the overall quality of life and hence benefitting the society at large. With engineering turning in to an inter-disciplinary endeavor, conglomeration of scientists, researchers, academicians and professionals from varied fields are essential to find solutions that would accelerate sustainable growth. Resonating with this fact, the multi-faceted Global Conference embraces a paradigm shift and unequivocally aims at providing a unique opportunity to exchange academic and professional experience in smart and sustainable technologies.

The conference would broaden the perspectives and would indeed aid the delegates to explore avenues of research, contemplate, augment and comprehend new approaches through the keynote lectures by the distinguished speakers. The Global Conference aims to be cohesive and concise and will encourage discussion on the latest innovations, trends and practical concerns and challenges faced in these distinctive fields.

## ADVISORY COMMITTEE



**Dr. Alok Rastogi**, Associate Professor, Binghamton University, USA

**Dr. Ashok Rao**, Adviser & Research Professor, VVCE, Mysuru, INDIA

**Dr. Bambang Istijono**, Centre for DS, Andalas University, INDONESIA

**Dr. Ravi D R**, Environmental Officer, KSPCB, GOK, Bangalore, INDIA

**Dr. Dodagoudar G R**, Professor, IIT Madras, Chennai, INDIA

**Dr. Edy Tonnizam Mohamad**, Director, GEOTROPIK, Universiti Teknologi Malaysia (UTM), MALAYSIA

**Dr. Hafeez Basha R**, Chief Technology Officer, BRCORP, INDIA





## ADVISORY COMMITTEE (Contd...)

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**Dr. Shuichi TORII**, Professor, Kumamoto University, Kumamoto, JAPAN

**Dr. Sridhar S Condoor**, Professor, Dept. of Mechanical & Aerospace Engg., Saint Louis University, USA

**Dr. Sreedhar S**, Professor, Dept. of Mechanical Engg., IIT, Bombay, INDIA

**Dr. Visweswara Rao P**, University Malaysia Sabah (UMS), Kota Kinabalu, MALAYSIA

**Dr. R Velmurgan**, Professor, Dept. Aerospace Engg., IIT, Madras, INDIA

## TECHNICAL COMMITTEE



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**Dr. Rio D'Souza**, Principal, St. Joseph Engineering College, Mangalore, INDIA

**Dr. K Swaminathan**, Professor & Head, Dept. of Civil Engg., NITK, Surathkal, India

**Dr. Sathyashankara Sharma**, Professor & Head, Dept. of Mechanical Engg., MIT, Manipal, INDIA

**Dr. M Shankaranarayana Bhat**, Professor, Dept. of Electronics and Communication Engg., NITK, Surathkal, INDIA

**Dr. U N Kempaiah**, Professor, Dept. of Mechanical Engg., UVCE, Bangalore, INDIA

**Dr. B B Das**, Associate Professor, Dept. of Civil Engg., NITK, Surathkal, INDIA

**Dr. Mervin A Herbert**, Associate Professor, Dept. of Mechanical Engg., NITK, Surathkal, INDIA

**Dr. Prashanth Kumar H**, Asst. Professor, Dept. of Electronics and Communication Engg., NITK, Surathkal, INDIA





## PUBLICATION

The selected and good quality papers will be recommended for publication either in Scopus Indexed Journal or Springer Book Series (Indexed by Scopus)

## BEST PAPER AWARD

The “Best Paper Award” will be given from each discipline based on the recommendations by the Technical Chair and Co-chair

### IMPORTANT DATES

Submission of Abstract	1 <sup>st</sup> September 2019
Intimation of Abstract Acceptance	15 <sup>th</sup> September 2019
Submission of Full-Length Paper	1 <sup>st</sup> November 2019
Acceptance of Full-Length Paper	1 <sup>st</sup> December 2019
Registration Deadline	15 <sup>th</sup> December 2019
Conference Date	30 <sup>th</sup> - 31 <sup>st</sup> January 2020





REGISTRATION FEE		
INDIAN PARTICIPANTS	Industry Professionals	4,500 INR *
	Academicians	3,750 INR *
	Research Scholars	2,750 INR *
INTERNATIONAL PARTICIPANTS	Industry Professionals / Academicians / Research Scholars	200 USD*

PUBLICATION CHARGES		INDIAN PARTICIPANTS	INTERNATIONAL PARTICIPANTS
Scopus Indexed Journal	Mechanical Engineering Stream	10,000 INR *	150 USD *
	Computer Science and Engineering Stream	12,500 INR *	180 USD *
	Civil Engineering & Electronics and Communication Engineering Streams	7,500 INR *	110 USD *
	Springer Book Series (Scopus Indexed)	3,500 INR *	50 USD *

- \* The copies of the MoU which contains the Discounted Prices for Publication will be available in the Conference Website
- \* The publication of the papers will be subjected to the acceptance by the publishers after Peer Double Blind Review
- \* Participation certificates will be issued to all the participants
- \* Registration fee covers CD of abstract Proceedings, Refreshment, Lunch and Dinner.

## PAYMENT DETAILS

Registration fee by DD should be drawn in favour of **“Chief-Coordinator MITE Seminar & Workshops”** payable at **Vijaya Bank, Moodabidri Branch**. The fee can also be paid through RTGS/NEFT to the following account

A/c Number : **114901011001148**  
 A/c Name : Chief-Coordinator MITE Seminar & Workshops  
 Name of the Bank : Vijaya Bank  
 Branch : Moodabidri  
 IFSC Code : **VIJB0001149**  
 Swift Code : **VIJBINBBMLR**  
 Bank Telephone No. : **08258 - 237452**  
 Postal/ ZIP Code : 574225  
 State : Karnataka  
 Country : India  
 Country Code : + 91





# ACCOMMODATION

Accommodation will be arranged on request with following Tariff which includes Breakfast

## Star Hotel in Mangalore\*

- For Single Occupancy : INR 4000 per day
- For Double Occupancy: INR 4750 per day

## Hotel Rooms in Moodabidri\*

- AC: INR 1350 per day
- Non AC: INR 850 per day

\* Taxes Extra

# CONFERENCE VENUE

Mangalore Institute of Technology and Engineering (MITE), Moodabidri, Karnataka, INDIA

# CALL FOR PAPERS

The authors are requested to submit the abstracts on or before 1<sup>st</sup> September, 2019 through EasyChair. The abstracts are to be submitted in English, not exceeding 300 words. The full length paper should be submitted on or before 1<sup>st</sup> November, 2019. The total number of pages should be limited to 8 and it should be submitted in the format provided on the website. The papers will be Peer Double Blind Reviewed by the Technical Committee and the corresponding authors of the accepted papers will be intimated within 1<sup>st</sup> December, 2019.

The conference website and the Email ID are as provided below:

Website: <https://miteconference.org>

E-mail: [gcasste@mite.ac.in](mailto:gcasste@mite.ac.in)

The paper should include the following details:

1. Name of the Author / Authors
2. Affiliation
3. Contact Number
4. Email ID of the Corresponding Author





## CONFERENCE THEMES

### Civil Engineering

- ▶ Challenges and Issues in Civil Engineering
- ▶ Earth Science and Coastal Engineering
- ▶ Advances in Structural Engineering
- ▶ Composite and Smart Materials
- ▶ Remote Sensing and GIS Applications / Drone Engineering
- ▶ Recent Technologies in Transportation & Highway Engineering
- ▶ Geological, Geotechnical & Geoenvironmental Engineering
- ▶ Alternative Construction Materials and Technologies
- ▶ Water Resources and Irrigation Engineering
- ▶ Environmental Engineering & Environmental Law

### Electronics and Communication Engineering

- ▶ Communications
- ▶ Signal and Image Processing
- ▶ Embedded Systems
- ▶ Nanoelectronics and Microelectronics
- ▶ Microprocessor and Microcontroller
- ▶ Very Large Scale Integration (VLSI)
- ▶ Field-Programmable Gate Array (FPGA) in Outer Space
- ▶ Nanotechnology
- ▶ Humanoid Robots
- ▶ Green Technologies for Smart Cities

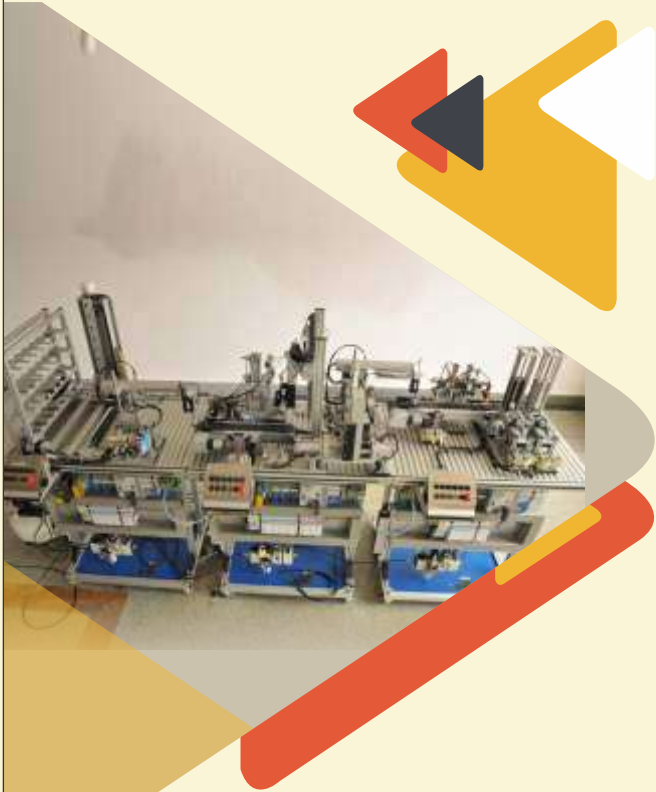




# CONFERENCE THEMES

## Mechanical Engineering

- ▶ Mechanical Design and Manufacturing
- ▶ Sustainability and Energy Conservation
- ▶ Composites, Smart Materials and their Machining
- ▶ Nano Materials and Manufacturing
- ▶ Thermal Engineering
- ▶ Automation and Robotics
- ▶ Advances in Automobile Industry
- ▶ Quality Management and Optimization
- ▶ Tribology
- ▶ Vehicle Dynamics
- ▶ Fracture Mechanics and Stress Analysis
- ▶ Noise and Vibration
- ▶ Mechatronics and other Interdisciplinary Areas
- ▶ Heat Treatment and Surface Engineering
- ▶ Modeling and Simulation Concepts in Manufacturing
- ▶ Maintenance and Machine Diagnostics





# CONFERENCE THEMES

## Computer Science and Engineering

- ▶ Computer Networks & Internet Technologies
- ▶ Information Security
- ▶ Database and Distributed Computing
- ▶ Natural Language Processing
- ▶ IoT and Edge Computing Applications
- ▶ Genetic Algorithms
- ▶ Artificial Neural Networks (ANN)
- ▶ Big Data, Data Science and Data Mining
- ▶ Cloud Computing
- ▶ Computer Vision and Image Processing
- ▶ Pattern Recognition
- ▶ Robotic Process Automation (RPA)
- ▶ Machine Learning and Deep Learning



### Contact Us

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**Badaga Mijar, Moodabidri-574225, Karnataka**

## **Global Conference on Advanced Smart and Sustainable Technologies in Engineering (GCASSTE)-2020**

Two-day “Global Conference on Advanced Smart and Sustainable Technologies in Engineering (GCASSTE 2020)” was jointly organized by the Department of Civil Engineering, Electronics & Communication Engineering and Mechanical Engineering from 30<sup>th</sup> to 31<sup>st</sup> January 2020. GCASSTE 2020 was patronized by MITE, and sponsored by the All India Council for Technical Education (AICTE), New Delhi under the scheme of Grant for Organizing Conference. The conference was inaugurated by Chief Guest Dr. Prahlad V, National University of Singapore (NSU), Singapore. He highlighted the significance of participating in conferences and motivated budding researchers to involve in innovative technology. The conference covered advanced technologies that are more sustainable, solving critical engineering problems improving the overall quality of life and thereby benefitting the society at large. The program was presided by Mr. Rajesh Chouta, Chairman Rajalaxmi Education Trust, Mangalore.

The conference had received 220 full-length papers from across the globe including countries like USA, Dubai, Singapore, Japan, Indonesia, and Nigeria. After thorough scrutiny and review, 169 papers were selected and presented at different tracks in the two-day conference. The Conference also had eminent keynote speakers from Singapore and Indonesia.





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Conference was inaugurated and keynote addressed by Chief Guest Dr. Prahlad V, National University of Singapore (NSU), Singapore

*Ravi*  
Head of the Dept. of Mechanical Engg.  
Mangalore Institute of Technology & Engineering  
Badaga Mijar, MOODABIDRI - 574 225





GLOBAL CONFERENCE ON  
ADVANCED SMART & SUSTAINABLE TECHNOLOGIES IN ENGINEERING



**GCASSTE-2020**

Organized by  
**MANGALORE INSTITUTE OF TECHNOLOGY & ENGINEERING**  
(An ISO 9001:2015 Certified Institution, Accredited by NAAC)  
(A Unit of Rajalaxmi Education Trust®, Mangalore)

**PAPER PRESENTATION CERTIFICATE**

This is to certify that **Mr. Sathisha** has presented a paper entitled *Adaptive Wireless Charging System for Electric Vehicles* in the Global Conference on Advanced Smart & Sustainable Technologies in Engineering held at MITE, Moodabidri, India on January 30<sup>th</sup> & 31<sup>st</sup>, 2020.

  
**Dr. Rajashekar C. R**  
Co-ordinator

  
**Dr. G L Easwara Prasad**  
Principal





Sponsored By



**PROCEEDINGS (Abstract) OF GLOBAL CONFERENCE  
ON  
“ADVANCED SMART AND SUSTAINABLE  
TECHNOLOGIES IN ENGINEERING”**



**GCASSTE-2020**

**30<sup>th</sup> & 31<sup>st</sup> JANUARY, 2020**

JOINTLY ORGANISED BY

**DEPARTMENT OF CIVIL ENGINEERING,  
ELECTRONICS & COMMUNICATION ENGINEERING  
AND MECHANICAL ENGINEERING**

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Badaga Mijar, Moodabidri - 574 225, Mangalore Tq., D.K., Karnataka, INDIA.

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**DEPARTMENT OF CIVIL ENGINEERING**

Paper ID	CONTENTS	Page No.
GCASSTE - 003	Reduction of Floods Caused by Rain Using Infiltration Wells and Rain Reservoirs in Padang City - <i>Bambang Istijono</i>	1-1
GCASSTE - 013	Experimental Studies on Structural Characteristics of Solid Concrete Block Masonry with Partial Replacement of Sand by Quarry Dust in Mortar - <i>Ganesha Mogaveera, Vidyashree M, Umesh S S and Sherman Jain</i>	1-1
GCASSTE - 012	Characterization of Groundwater Resources in Mangalore (D.K.) Karnataka - <i>Yogesh D S, Sandeep Jayaram Nayak and H G Umeshchandra</i>	2-2
GCASSTE - 016	Experimental Studies on Slender Beam relevance in Cost Effective Roofing System - <i>Umesh S S, Dr. Ganesha Mogaveera, V L Sulakshana, Sanith Suverna</i>	2-2
GCASSTE - 018	Biophilic Design: Principles for Sustainable School Building Design - <i>Ar. Sonali Wallimbe, Ramadevi Nandineni and Shantanu Chitgopkar</i>	3-3
GCASSTE - 019	Measurement of Evapotranspiration for Irrigation Suitability (Data Collection, Simulation and Modelling) - <i>Prashantha, Sandeep J Nayak and Laxman Nandagiri</i>	3-4
GCASSTE - 021	Experimental Study on Strength Parameters of Geopolymer Concrete - <i>Navyashree B R and Ganesha Mogaveera</i>	4-4
GCASSTE - 022	Spatial Approach on Detection of Land Use Land Cover Changes of Puttur Taluk, Karnataka - <i>Sowmya N J, Prasad Pujar, Sandeep J Nayak and Madhu S R</i>	4-4
GCASSTE - 026	Study of Structural Behavior of Building with Floating Column - <i>Kumbha Anupa Nayak, Kanchana B N, K T Jyothsna, Kiran Kumar Patil and Balaji N C</i>	5-5
GCASSTE - 028	Experimental Investigation on Strength Characteristics of Lead Slag and Quarry Dust in Concrete - <i>Akshaya Krishna N and Chethan Kumar</i>	5-5
GCASSTE - 031	Reed Bed Purification of Domestic Sewage using Canna Generalis Plant with Gravel and Pebble Filter Media - <i>Pushparaj A. Naik, Udayakumar Gaddale, Vaman Rao and Samson O. Ojoawo</i>	6-6
GCASSTE - 037	Use of Eggshell and Seashell in the Removal of Heavy Metals from Leachate - <i>Jayaprakash M C, Trupti, C K Harshitha and D Venkat Reddy</i>	6-7
GCASSTE - 038	Biosorption of Heavy Metals in Automobile Panel Workshop Effluent using Bacillus Safensis LAU 13 - <i>S.O. Ojoawo, A. Lateef, AW.M. Adalakun and O.O. Osho</i>	7-7
GCASSTE - 041	Comparative Study of Removal Efficiency of Cationic Dyes by Chromolaena Odorata Weed Powder - <i>Ashwini A Kamath, Nandini R and Vishweshwara M</i>	8-8





Paper ID	CONTENTS	Page No.
GCASSTE – 062	Experimental Study on Compressive Strength of Coir Fibre Reinforced Concrete - <i>Yashwanth M K, Keerthi Gowda B S and Pavan H N</i>	8-8
GCASSTE – 063	Development of Rainfall Intensity-Duration-Frequency (IDF) Curve for Some Parts of Coastal Region of Karnataka - <i>Sushmitha G S, Vinod G and Vinutha S</i>	9-9
GCASSTE – 069	Performance of Concrete by Partially Replacing Fine Aggregate with GBS and Cement with Fly Ash - <i>Sagar S, Kalappa U P, Jyothipriya G S and Umar Mohd Nousheen</i>	9-9
GCASSTE – 078	A Study on the Impact of Climatic Changes in the Coastal Regions of Karnataka - <i>Vinod G and Sushmitha G S</i>	10-10
GCASSTE – 079	Assessment of Regulations, Safety practice's, Welfare and Health Aspects in Public and Private Sectors of Construction Industry- A Case Study of Karnataka State - <i>H G Vivek Prasad, Rajath Kumar B and Subramanya M M</i>	10-10
GCASSTE – 081	Experimental Investigation on Engineering Properties of Table Moulded Bricks Available in and around Mysure Region - <i>P.S. Raghuprasad, Rakshith B R and Dharshan K</i>	11-11
GCASSTE – 084	Study on Enhancing Flexural Strength of Masonry Walls - A Review – <i>H G Vivek Prasad, P.S.Raghu Prasad and K.S.Jagadish</i>	11-11
GCASSTE – 086	Experimental Study on Carbon Fibre Reinforced Polymer Wrapping on RCC Beams - <i>Tamil Selvi.M, Dasarathy A, Pavithra S, Ponkumar Ilango.S and Swapna.S.A</i>	12-12
GCASSTE – 091	Experimental Investigation of Tensile Strength of Untreated and Treated Banana Fiber Reinforced Polyester Composites - <i>Megha.B.E, Keerthi Gowda.B.S and G.L.Easwara Prasad</i>	12-12
GCASSTE – 092	Stabilization of Subgrade Sediment Soil by using Alccofine - <i>Vinod B R, Sandhya Rani G M, Shariq Fayaz and Apoorva H R</i>	13-13
GCASSTE – 093	Evaluation of M30 Grade Concrete with Partial Replacement of Cement with Egg Shell Powder and Flyash - <i>Yashwanth M K, G L Easwara Prasad and Kanakadurga Pise</i>	13-13
GCASSTE – 103	Power and Selves of Steel Fibre Reinforced Self Curing Concrete - <i>Dasarathy A K, M.Tamil Selvi, D.Leela, S A Swapna and S Ponkumarilango</i>	14-14
GCASSTE – 115	Bidirectional Static Load Test (BDSL T) in the Gulf Foundation Industry - <i>Anil Cherian</i>	14-14
GCASSTE – 116	Analytical Studies on Behaviour of High Raised Frame Structures Subjected to Wind Loads - <i>Darshan.M.M and Suraj M Shet</i>	15-15
GCASSTE – 117	Development of Green Building Materials Utilizing Mine Wastes and Perlite - <i>P. Shubhananda Rao and Karra Ram Chandar</i>	15-15



Paper ID	CONTENTS	Page No.
GCASSTE – 120	Fracture Toughness Studies of Carbon/ Epoxy Laminate - <i>Rahul Naik and R Velmurugan</i>	16-16
GCASSTE – 135	Time Rate of Consolidation - <i>H. S. Prasanna and Basavaraju</i>	16-16
GCASSTE – 136	Effect of E-Log $\sigma'$ Behaviour of Compacted Fine Grained Soils Having Different Clay Mineralogy - <i>H.S. Prasanna and Basavaraju</i>	17-17
GCASSTE – 137	Parametric Study of Index Properties and Compaction Characteristics of Bentonite, Kaolinite and Sand Mixtures - <i>Jyothi D N, Prasanna H S, Lavanya L, B I Monika and Chandrashekar M M</i>	7-17
GCASSTE – 138	Effect of Clay Mineralogy on Permeability Behavior of Compacted Fine-grained Soils - <i>H.S. Prasanna, Unnam Anil and Darshan.T</i>	17-18
GCASSTE – 144	A Review of Locally Available Sustainable Construction Materials from Industrial and Agricultural By-Products - <i>Saju Monsy, Dev Krishna K P and B B Das</i>	18-18
GCASSTE – 145	Review on Characteristics of Sewage Sludge and its Application in Construction Industry - <i>Mithesh Kumar, Shreelaxmi P and Muralidhar Kamath</i>	19-19
GCASSTE – 148	Experimental Investigation on the Paver Block with Reinforcement Layer - <i>Anusha Jain, N. Bhavani Shankar Rao and Subba Rao</i>	19-19
GCASSTE – 149	Synthesis, Characterization of some 6/8 Substituted 2-Chloro-3- Formyl Quinoline Incorporated 1,3-Thiazoles/1,3-Benzothiazoles and their Biological Studies - <i>Vineetha Telma D'souza, Janardhana Nayak and Desmond Edward D'mello</i>	20-20
GCASSTE – 153	Structural Performance of Concealed Beam: Review Article - <i>Avinash K, Afifamariyam N, Kallesha B. M, Mahmadaajafar Savanur And Balaji N. C</i>	20-20
GCASSTE – 156	Plasticity Characteristics of Ferrock Reinforced Expansive Soils - <i>H S Prasanna, Ruchanertlikar, Shubhashree S R, Sowndarya K M and Gazalamanzoor</i>	21-21
GCASSTE – 163	Experimental Investigation on Strength and Behavior of PSC Fiber Reinforced Beams with GGBS - <i>R L Ramesh, Nagaraja P S, Raghavendra R and Pramod K R</i>	21-21
GCASSTE – 168	An Overview of Environmental Considerations in Sustainable Planning of Water Resources Projects - <i>Pavithra, Sujay Raghavendra Naganna and Anand V R</i>	22-22
GCASSTE – 170	Study on Strength Characteristics of Geopolymer Concrete with FRP Confinement - <i>M. Lenin Sundar and S.Muthukeerthana</i>	22-22
GCASSTE – 171	Experimental Study on the Strength Properties of Hybrid Fiber (Coir + Plastic + Areca) Reinforced Concrete - <i>Shivaraj S, B.P. Annapurna, Gautham Reddy M B and Manjunath Itagi</i>	23-23



Paper ID	CONTENTS	Page No.
GCASSTE – 174	Review on Index and Strength Properties of Stabilized Soils - <i>Keerthana Crasta, Mohammed Nasheel, Nithilesh Udupa, Vaishnavi V Katte and K Jayakesh</i>	23-23
GCASSTE – 177	A Review of Recent Developments in the Study of Natural Fiber Reinforced Composites - <i>Keerthi Gowda B S, Easwara Prasad G L and Velmurgan R</i>	24-24
GCASSTE – 183	Experimental Study on Coir Reinforced Mud Blocks Stabilized with Seashell Powder - <i>B.B. Das, Aditi Bhat I and Lasya Reddy Kambham</i>	24-24
GCASSTE – 187	Performance of High Strength Concrete using Basalt fiber and Alccofine Material - <i>Pradeep M and H N Rajakumara</i>	25-25
GCASSTE – 188	Theoretical Analysis on Application of Vertical Axis Wind Turbine to Airport and Railway - <i>Pranava S, Abhishek S A, Nishanth B, Saivenkatapathi K, Dr. Neethu Urs and Tejaswini P S</i>	25-25
GCASSTE – 189	Manufacturing of Plastic Sand Bricks from Polypropylene and Polyethylene Waste Plastic - <i>Ganesh N. Patil, Marwa Al Yahmedi, Lakkimsetty Nageswara Rao and Santosh M. Walke</i>	26-26
GCASSTE – 190	Comparative Study of Index Properties of Natural Expansive Soils with Bentonite-Sand Mixtures - <i>Shruthi A.N, Prasanna H.S, Shivaraja B, Rashmitha A.C, Purushotham K and Shaik Dawood</i>	26-26
GCASSTE – 197	Influence of Tuned Mass Dampers on Vibration Control of Tall Buildings - <i>Gopi Siddappa, V. R. Sindhu Priya and Vijaya Kumar Y M</i>	27-27
GCASSTE – 199	Pre-peak Flexural Performance Evaluation of Fiber Reinforced Concrete Beams - <i>Shashi Kumara S R, B C Udayashankar and D L Venkatesh Babu</i>	27-27
GCASSTE – 201	Experimental Study on the Durability Properties of Hybrid Fiber (Coir + Areca+ Plastic) Reinforced Concrete - <i>Gautham Reddy M B, Shivaraj S, Manjunath Itagi and Dr. B.P. Annapurna</i>	28-28
GCASSTE – 203	Behaviour of Natural Fibers in Concrete - <i>Shankar H. Sanni and Mayur Hajeri</i>	28-28
GCASSTE – 205	GGBS as Partial Replacement for Sand - <i>Shankar H. Sanni, Mayur Hajeri and Amoghkavalur</i>	29-29
GCASSTE – 206	Seismic Analysis of Braced Frame with Different Base Condition – <i>Shivashankar and B. P. Annapurna</i>	29-29
GCASSTE – 208	An Emphasis on Digital Image Processing to Evaluate the Performance of Blast in Opencast Mines-A Case Study - <i>M. Sasi Kiran, V. R. Sastry and K. Ram Chandur</i>	30-30
GCASSTE – 220	Experimental Study on the Performance of Polyester Resin Concrete - <i>Gangadhar, Dakshayini R S and B.P. Annapurna</i>	30-30





Paper ID	CONTENTS	Page No.
GCASSTE – 221	Retrofitting of Reinforced Concrete Slab with High Modulus Carbon Fibres - <i>Sumanth Karekar K, S Bhavanishankar and Anilth S Anadinni</i>	31-31
GCASSTE – 222	Retrofitting of Reinforced Beam with High Modulus Carbon Fibres - <i>Anilth S Anadinni, S Bhavanishankar and Sumanth Karekar K</i>	31-31
GCASSTE – 225	Indoor Air Quality Monitoring at Rural Areas of Mandya District - <i>H.C Chowdegowda, R M Mahalingegowda and Rajeshwari M.S</i>	32-32
GCASSTE – 226	Household Cooking Emissions Monitoring at Mikkere Village in Mandya District - <i>H.C Chowdegowda, R M Mahalingegowda and Rajeshwari M.S</i>	32-32
GCASSTE – 228	Plastic Bricks: A Zero Waste Product - <i>Puttaraj M. H.</i>	33-33
GCASSTE – 231	An Experimental Study on the Reduction of Temperature of Cool Pavement Specimens - <i>Shambhavi S, R M Mahalingegowda and K C Manjunath</i>	33-33
GCASSTE – 229	Government's Efforts to Improve the Disaster Mitigation Capacity in Kuranji Watershed - <i>Nur Iman, Bambang Istijono and Ahmad Junaidi</i>	34-34
GCASSTE – 232	Experimental Study on Ferrocement with Coir Fibers - <i>Abhishek G B and R M Mahalingegowda</i>	34-34
GCASSTE – 234	Experimental Study of Concrete With Steel Mesh as Reinforcement and Value Added Materials - <i>Naveen Kumar S, T. M. Prakash and Lakshmi P.S</i>	35-35
GCASSTE – 235	A Review on Assessment of Safe Bearing Capacity of Soil Using Prototype Device and Artificial Neural Network - <i>Manjunath Neelappa Godi, Prashanth Haritas S R, Praveen Kumar, Premakumara G and Sunil Haldanka</i>	35-35
GCASSTE – 236	Experimental Studies on Permeability and shrinkage Characteristics of Next Generation Nano Based Carbon with Fiber Reinforced Concrete - <i>Guruswamy J, Sadath Ali Khan Zai, Shashishankar A, and Showkath Ali Khan Zai</i>	36-36
GCASSTE – 237	Bio Mapping of Abbigere Lake water Quality - Catchment area of Arkavathi River – An Analysis - <i>K Raju and Ravi D R</i>	36-36
GCASSTE – 238	Microbial Degradation of Isoprothiolane Pesticide - <i>Umme Hamida and Ravi D R</i>	37-37
GCASSTE – 240	Study on Self Compacting Concrete with Polypropylene Fibers and Ground Granulated Blast Furnace Slag - <i>Deepak. G. Appaji and Chethan.K</i>	37-37



## DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

Paper ID	CONTENTS	Page No.
GCASSTE -180	Smart Home Using the Internet of Things – <i>Keerthana S , Meghana H, Priyanaka K R ,Sahana V Rao, and Ashwini.B N</i>	38-38
GCASSTE -066	A Review on Machine Learning Approaches for Efficient HEVC - <i>Raveendra Gudodagi, R Venkata Siva Reddy and Vijay Prakash A M</i>	38-38
GCASSTE - 006	Solving the Data Security Problem for Medical Image Using Dog-Crow Optimization Algorithm- <i>G.Jayahari Prabhu , P.Sanjeevi Kumar and B Perumal</i>	39-39
GCASSTE -051	An IOT Based Smart Grocery Alerting System- <i>Ramalingam.H.M, Nagesh H R and Chethan</i>	39-39
GCASSTE -219	Simulation Framework for Electric Bike Operating in Pedal Assist Mode Using Co-Simulation Approach- <i>Deiel Roshni Noronha, Shyam Kishore, Suprabha Padiyar, Nithin Baby, Ajay Noronha, Shreeranga Bhat and Suma Bhat</i>	40-40
GCASSTE -216	Loop Stability Analysis of LDO in PSpice - <i>Adithya Pai , Kavya S , Satish Karne and Janayya Hiremath</i>	40-40
GCASSTE -056	Diagnosis of Schizophrenia by a Computer Aided Tool Based on EEG - <i>Shreya Prabhu K and Roshan J Martis</i>	41-41
GCASSTE -060	Fisherman Safety Using Smart Boat – <i>Ganesh V N</i>	41-41
GCASSTE-014	Image Processing based Early Detection of Pest in Agriculture to increase the Crop Yield- <i>Srikrishna shastri C , Arpitha and Denold Jason</i>	42-42
GCASSTE-075	Similarity Properties for Two Versions of 1D-, 2D-, 3D-, and ND-Infinite Hartley Transform (IHT) - <i>Madhukar B N and Bharath S H</i>	42-42
GCASSTE -020	FCCM and CCM of Operation in Boost DC-DC switching power Converter and its Efficiency Performance- <i>Mahesh Gowda N M</i>	43-43
GCASSTE -057	Tactile Braille Display Using Relay Switch - <i>Ranjith H D, Padma Prasada, Sanjeevi Kumar and Ajay Prinston Pinto</i>	43-43
GCASSTE -088	Application of Robust Engineering Approach for Dc Motor Controller Design - <i>Vinayambika S Bhat, Shreeranga Bhat and Gijo E V</i>	44-44
GCASSTE -101	A Novel Architecture of 32 bit Modulo $2^n-1$ Adder - <i>Uday J and Rajithkumar B K</i>	44-44





Paper ID	CONTENTS	Page No.
GCASSTE -089	Analysis Of Buck Converter: A Comparative Study Based on Fuzzy Logic And Internal Model Control Techniques - <i>Rumana Ali and Vinayambika S Bhat</i>	45-45
GCASSTE -100	A Review on Power Reduction Techniques in Low Power VLSI Design - <i>Taranath H B and Velen Ruben Aranha</i>	45-45
GCASSTE -158	Bus encoding techniques for power optimization in VLSI off-chip Buses - <i>Muhammad Bakir and Niju Rajan</i>	46-46
GCASSTE -090	Adaptive Wireless Charging System for Electric Vehicles - <i>Sathisha, Ninadha Venugopal and Padma Prasada</i>	46-46
GCASSTE -162	Reconfigured SDR for Wireless Communication with reduced power Consumption and High throughput - <i>Ramachandra Ballary and Rajeshwari M Hegde</i>	47-47
GCASSTE -164	An Autonomous Robot Path Planning: A Review - <i>Sandeep Bhat, M S Nagananda and M.Meenakshi</i>	47-47
GCASSTE -200	Breast Cancer Detection Techniques - A Review - <i>Gurusiddayya Hiremath and Jose Alex Mathew</i>	48-48
GCASSTE - 007	Analysis of Vedic Multiplier for Conventional CMOS, Complementary Pass Transistor Logic(CPL) & Double pass transistor logic(DPL) Logics - <i>S.Nagaraj, M Krishna Chaitanya and M.Mohanraj</i>	48-48
GCASSTE -159	A Novel Content Mapping Algorithm to Authenticate the Driver's License- <i>Amogh A Rao, Sana Parveen Salar and Suchithra</i>	49-49
GCASSTE -165	Trajectory Tracking of a 3-DOF Helicopter by LQR Based PID Controller - <i>K Praveen Shenoy, Ashwini T P and Kirankumar M V</i>	49-49
GCASSTE -167	Random Forest Algorithm Based Strain Analysis on Composite Materials using Digital Image Processing- <i>Ashwini T P, Balachandra Achar H V and K Praveen Shenoy</i>	50-50
GCASSTE -198	A Survey: Smart Agriculture Management System using Internet of Things (IoT)- <i>Mahesh R K, Shivkumar S Jawiligi and M B Abhishek</i>	50-50
GCASSTE -195	Design of Sliding Mode Controller with Particle Swarm Optimization using Optimized PID Sliding - <i>Shadvala K Sebastian and Sathisha</i>	51-51
GCASSTE -182	Addressing the Functioning of the Networking Unit in Cyber Physical System for Smart Water Management - <i>Abhishek MB and Neelawar Shekar Vittal Shet</i>	51-51
GCASSTE -239	An Overview of 5G Evolution in Fronthaul and Backhaul Networks- <i>Chaitra Radha Prasud and Andre Manitius</i>	52-52
GCASSTE -107	An Algorithm For Load Balancing In Cloud- <i>Prabhakara B K, Chandrakant Naikodi and Suresh L</i>	52-52



## DEPARTMENT OF MECHANICAL ENGINEERING

Paper ID	CONTENTS	Page No.
GCASSTE -009	Comparative Study on the Mechanical Properties of Precipitation Hardened and Low Temperature Thermomechanically Treated AA6061- <i>Ramakrishna Vikas Sadanand, P. R. Prabhu, SathyaShankara Sharma and Gowrishankar</i>	53-53
GCASSTE -029	Influence of Cryogenic and Corrosive Environment on Fracture Toughness of Aluminium 6082/H-30 Alloy - <i>Sunil Kumar B. V., Neelakantha V. L., Surendranathan A. O. and Gururaja Rao J.</i>	53-54
GCASSTE -035	Fracture Characterization of Sisal/Banana Hybrid Composite Reinforced Polyester Composites - <i>Premkumar Naik, Neelakantha V Londhe, Laxman Naik L., Sreenivas S., Girish H. N. and Puttaswamy Madhusudan</i>	54-54
GCASSTE -036	Studies on Mechanical Properties of Hybrid Polymer Matrix Composites (Jute/Basalt/Glass Fibers) with $Al_2O_3$ as Nano Fillers- <i>K. S.Rudra, T. N. Sreenivasa and C. Girisha</i>	55-55
GCASSTE -039	Effect of Micro-rotation and First Order Chemical Reaction on Fluid Flow in a Vertical Channel- <i>Y.Ramarao, S. Jyothi and Shreedevi Kalyan</i>	55-55
GCASSTE -043	Fracture Toughness of Dual Phase DP450 Steel Using the Essential Work of Fracture Method - <i>Sunilkumar M. R., Eva Schmidova and Neelakantha V.Londe</i>	56-56
GCASSTE -045	A Methodical Review of Condition Monitoring Methods Applied for Cutting Tools - <i>Srinivas K. R., Lokesha M. and Sujesh Kumar</i>	56-56
GCASSTE -046	Protection of 99.6 % Pure Al from Corrosion by Eco-Friendly Plant Extract in 0.5 M NaOH Medium Using Design of Experiment- <i>P. R. Prabhu, Deepa Prabhu and Padmalatha Rao</i>	57-57
GCASSTE -047	Comparative Study of Signal Processing Techniques for the Diagnosis of Fault in Belt Drives - <i>Sujesh Kumar, Lokesha M., G.Purushotham, Srinivas K. R. and Kiran Kumar M. V.</i>	57-58
GCASSTE -048	Vertical Axis Wind Turbine Efficiency Enhancement with Application of Magnetic Propelling Characteristics - <i>Sandesh Hegde and Ramachandra C. G.</i>	58-58
GCASSTE -049	Experimental Investigation of Mechanical Properties for Natural Fiber Hybrid Composites for Automotive/Aerospace Applications- <i>G.Purushotham, Ajith Kumar, Sujesh Kumar and Lokesha M.</i>	58-59
GCASSTE -052	Study of Free Vibration Characteristics of Hybrid Polymer Composites - <i>Ajith Kumar, G. Purushotham, Manjunath Reddy Y. S., Vinod and Kiran Kumar M. V.</i>	59-60
GCASSTE -059	A Solar Parabolic Trough Concentrator (PTC) Model Using MATLAB Simulink - <i>Parimal S. Bhambare</i>	60-60
GCASSTE -067	Fault Detection in Bearings Using Advanced Signal Processing Technique - <i>Kirankumar M. V., Lokesha M., Sujesh Kumar and Ajith Kumar Shetty</i>	60-60



Paper ID	CONTENTS	Page No.
GCASSTE -068	An Empirical Investigation into the Cultural, Individual and Measurement Issues in the Context of the Implementation of Knowledge Management in Indian Automotive SMEs- <i>Ibrahim I. Shaikh and Hari Vasudevan</i>	61
GCASSTE -074	Influence of Boiling Water Soaking Condition on the Mechanical Properties of Nanoclay-Glass Fiber-Epoxy Composite - <i>Manjunath Shettar, AchuthaKini, SathyashankaraSharmaand Pavan Hiremath</i>	61
GCASSTE -076	Experimental Studies of Diesel and Biodiesel Using HCCI Engine - <i>Nagesh S. B., Nagaraj Banapurmath and Chandrashekhara T. K.</i>	62
GCASSTE -083	Microstructure and Mechanical Characterization of AISI4140 Bainitic Steel - <i>Gurumurthy B. M., Sathyashankara Sharma, AchuthaKini U., Wasil Rafique Katchi, Nitya Jain and Omkar Gurav</i>	62
GCASSTE -087	Impact of Nano Material added Biodiesel on Combustion, Performance & Emission of CI Engine - A Review- <i>K. S.Sudeep Kumar, C. R. Rajashekhar and H. V. Ramyarani</i>	63
GCASSTE -095	Overall Equipment Effectiveness of a Mechanical Press in a Manufacturing Unit- A Case Study - <i>Prashanth Pai M., Ramachandra C. G., T. R. Srinivas,Ramesha S. and Raghavendra M. J.</i>	63-64
GCASSTE -096	Experimental Investigation on Tapping of Al 6061/SiC Metal Matrix Composite with 2 and 4 Microns TiAlN + WC/C Coated Straight Fluted HSS Machine Taps - <i>Nagaraja, Raviraja Adhikari and SathishRao U.</i>	64-64
GCASSTE -097	Production Enhancementand Sustainment Through Lean Six Sigma Strategy - <i>Shreeranga Bhat, Gijo E. V. and Vinayambika S. Bhat</i>	65-65
GCASSTE -098	Application of Lean Six Sigma-TRIZ Methodology in Product Development - <i>Ajay Noronha, Shreeranga Bhat and Suma Bhat</i>	65-66
GCASSTE -099	Study on Lean Six Sigma Sustainability in Dental Colleges - <i>Ajay Noronha, Shreeranga Bhat and Suma Bhat</i>	66-66
GCASSTE -104	Statistical Analysis of Wear Behaviour of Al 7075 Grey Cast Iron Reinforced Composite Using Taguchi Method - <i>Jamaluddin Hindi, U.AchuthaKini andSathya ShankaraSharma</i>	66-67
GCASSTE -106	Experimental Study and FEM Analysis of Fracture Toughness of High-Strength 7075 T6 Aluminum Alloys Using CT Specimen - <i>Sushmith Shetty M. and Neelakantha V.Londe</i>	67-67
GCASSTE -108	Wind Power Prediction and Modeling: A Comparison of Feed Forward Neural Networks - <i>Rashmi P. Shetty, A. Sathyabhama and Srinivasa Pai P.</i>	68-68
GCASSTE -109	Machining of Non-Conductive Material Using ECDM process - <i>Sadashiv Bellubbi, Ravindra Naik and Sathisha N.</i>	68-68
GCASSTE -110	Comparative Analysis of the Influence on the Effect of Moisture on Jute/Kevlar Reinforced Hybrid Composites and Hybrid Nanocomposites- An Hypothetical Approach - <i>Bhanupratap R.</i>	68-69



Paper ID	CONTENTS	Page No.
GCASSTE -112	Calculation and Analysis of Burning Loss in a Cast Iron Foundry – <i>Shashikantha Karinka, Narasimha Bailkeri, Akash R.Kajava and Shravan Kumar M.</i>	69-70
GCASSTE -113	Optimization of Process Parameters in the Case of a Corrugation Operation by Using Taguchi Method - <i>Hari Vasudevan, Rajendra Khavekar and HardikkumarMahesh Kumar Patel</i>	70-70
GCASSTE -114	Spheroidised Structure Corelationwith Mechanical Properties and Prior Room Temperature Phase in AISI4140 Steel - <i>Harisha S. R., Sathyashankara Sharma and U.AchuthaKini</i>	70-71
GCASSTE -118	Design and Fabrication of Pedal Operated Groundnut and Maize Stripper - <i>Bhanuprakash H S,Vinay Kishore Vora, Manisha Sanath, Puneeth Shetty, RakshithKotian, Bryan Keith Albert and Irfan J Shek</i>	71-71
GCASSTE -119	ANOM Optimization Studies on Wire Electric Discharge Turning Using Taguchi's Experimental Design - <i>Shamanth, Velsa Sophia Pinto,Gajanan M. Naik, AbhinabaRoy,Sachin B. and Narendranath S.</i>	72-72
GCASSTE -122	Investigation of Mechanical and Wear Characteristics of MWCNTs/LM25Nanocomposites Fabricated Through Powder Metallurgy - <i>Shivaramu H. T., Prashantha D. A. and Umashankar K. S.</i>	72-73
GCASSTE -123	Comparative Study of HSS Tool with and without Carbon Nanotube Coating - <i>Murali K. B.</i>	73-73
GCASSTE -124	Development and Strength Analysis of Sisal Fiber Reinforced Polymer Composite - <i>Rahul Sanjiv, Lokesha M. and NeelakanthaLonde</i>	73-74
GCASSTE -125	Mechanical Characterization of Seashell, Aluminiumand Fly Ash Filler Addition in Glass Fibre Reinforced Polymer (GFRP) - <i>Yajnesha P Shettigar, Aveen K. P. and Rueben Obad D'Souza</i>	74-74
GCASSTE -126	Enhancement of Mechanical Strength by Solid Reinforced Composite Tube – A Safe-Fail Design - <i>Mohan Kumar andNeelakanthaV. L.</i>	74-74
GCASSTE -127	Performance Characteristics of aCI Diesel Engine with Blends of Diesel, Karanja and Neem Oil– <i>R.Suresh Kumar</i>	75-75
GCASSTE -128	Design and Analysis of Tubular Go-Kart Chassis - <i>Rajesh S. C., Rahul Vishwanath Poojariand ShreeshaAdiga</i>	75-75
GCASSTE -130	Grey Based Taguchi Method to Optimize Mechanical Properties of Short Glass Fiber and Short Carbon Fiber Reinforced Polypropylene Composites - <i>Sridhar D. R. and Varadarajan Y. S.</i>	76-76
GCASSTE -132	Propulsion of Biomimetic Robotic Fish - <i>Mayur A. Shetti, Avinash M. Bhat, Benroy E. Cardoso, Rajeeb K. Khatri, Samir Jilani Shaikhand Pravin K. Verekar</i>	76-76
GCASSTE -133	Mass Balancing of Generator Rotor Contemplating Vibration Amplitude Response - <i>Madhusudhan B., Ganesh Barki, Raghavendra Shetty and Swaroop Gannamani</i>	77-77



Paper ID	CONTENTS	Page No.
GCSSTE -146	A Study on the Effect of Machinability Parameters on AISI 4340 (En-24) Steel Using Taguchi Technique - <i>Gautam S.Shetty</i>	77-77
GCSSTE -155	Corrosion Inhibition Study on Aged 18Ni 250 Grade Maraging Steel in Phosphoric Acid and Nitric Acid Solution Using 1,2,3 Benzotriazole - <i>Purandara Naik</i>	78-78
GCSSTE -161	Investigation of Inlet Air Swirl in Diesel Engine Through Radial Grooved Inlet Valves by Using Paddle Wheel Type Swirl Test Rig - <i>Shivaprasad Desai, Hiregoudar Yerrannagoudar and Ashish Jain</i>	78-78
GCSSTE -166	An Experimental Investigation of Heat Transfer Coefficient Using Heat Sink for Electronic Applications - <i>Sushma S and T K Chandrashekar</i>	79-79
GCSSTE -172	Design and Development of Vascular Intervention Robot for Diagnostics of Superior and Inferior Vena Cava - <i>Madhumohan R., Punith B. S., Santosh Kumar M., Rakesh T. S. and Girisha C.</i>	79-79
GCSSTE -175	Simulation of Blood Flow in Abdominal Aorta and Renal Artery Using Computational Fluid Dynamics - <i>Pranav Hegde, Preetham G. Tendulkar, Shreyas Kanjalkar, Gowrava Shenoy .B and S.M. Abdul Khader</i>	80-80
GCSSTE -176	Estimation and Comparison of Welding Performances in Pulsed Gas Metal Arc Welding (P-GMAW) Using MRA And GMDH For SS 304 Material - <i>Rudreshi Addamani, H.V.Ravindra, Ugrasen G. and Gayathri Devi S.</i>	80-81
GCSSTE -178	Consequence of Injection Pressure and Number of Nozzle Holes on the Overall Performance of Diesel Engine Operated on Dairy Scum Oil Methyl Ester Blend B20- <i>M.Nandeesh, R. Harish Kumar, C. R. Rajashekar and N. R. Banapurmath</i>	81-81
GCSSTE -179	Computation of Stability Derivative for a Wing for Specific Heat Ratio =1.66 for Hypersonic Flow - <i>Shamitha, Asha Crasta and S. A. Khan</i>	81-82
GCSSTE -184	Design and Development of a Novel Car Bumper Using Finite Element Techniques- <i>Sagar Kalburgi, Navjoth Singh, Akash Thyagi, Vaibhav Singh, Chethan KN and Laxmikant G. Keni</i>	82-82
GCSSTE -193	A Review on the Influence of Fused Deposition Modelling and Injection Moulding Techniques on Enhancement of Mechanical Properties of ABS Material - <i>Suraj Louis D'Cunha, Nagaraja Shetty and Divakara Shetty S.</i>	83-83
GCSSTE -202	Performance Enhancement Studies on Jet Plate Solar Air Heater - A Review - <i>Arbaz Ahmed, Nitesh Kumar and Manjunath M. S.</i>	83-83
GCSSTE -209	Grey Relational Approach for Multiple Response Optimization of Process Parameters in Wire-EDM of IS 5986 FE 410 - <i>Deepak D. and Nagaraja Shetty</i>	84-84
GCSSTE -210	Structural Health Monitoring of Composites Using Lamb Wave Method- A Technical Review- <i>D.Rajkiran and Dayanand Pai K</i>	84-84





Paper ID	CONTENTS	Page No.
GCASSTE -212	Evaluation of Mechanical Characteristics of Ultra-High-Molecular-Weight-Polyethylene/ Flax/ Jute Fiber Reinforced Phenol Formaldehyde Composites - <i>Srinivas Shenoy Heckadka, Raghuvir Pai Ballambat, Manjeshwar Vijaya Kini, Pranav Hegde and Ajith Kamath</i>	85-85
GCASSTE -213	Classification of Rolling Element Bearing Conditions Using Machine Learning Algorithms - <i>Veena K. M., Vijay G. S. and Surya Kiran</i>	85-86
GCASSTE -214	Development and Testing of Bio-Composite Steering Wheel for Automotive Application - <i>Chandrashekhar B., Girisha C. and Madhumohan R.</i>	86-86
GCASSTE -215	Heat Transfer Augmentation Techniques for a Solar Air Heater – A Review- <i>Madhwesh N., Manjunath L. Nilugal, Manjunath M. S. and K. Vasudeva Karanth</i>	87-87
GCASSTE -217	A Review on Polymer Processing Technology of Thermoplastic Materials - <i>N. Hariharanath, Nagaraja Shetty and Divakara Shetty S.</i>	87-88
GCASSTE -218	Experimental Investigation on the Mechanical Properties of Hybrid Composite Leaf Spring - <i>Aveen K. P., Vikranth Kannanth and Vishwanath Bhajantri</i>	88-88
GCASSTE -227	Evaluation of Mechanical Properties of AA6061-B4C Metal Matrix Composite Obtained by Stir-Casting Technique - <i>C. Manjunatha, P.Sanjay and Girisha C.</i>	88-89
GCASSTE -233	Comparative Study of Mechanical Properties of Titanium Alloy Fabricated by DMLS with Casted Titanium Alloy and Natural Teeth- <i>S. M.Shahabaz, Nagaraja Shetty, S. Divakara Shetty, Nanjangud Subbarao Mohan</i>	89-89



THE NEW  
**INDIAN  
EXPRESS**

DAY 29.01.2020

## **Global meet on smart and sustainable technologies**

Mangaluru: Mangalore Institute of Technology & Engineering (MITE) is organising a two day Global Conference on Advanced Smart and Sustainable Technologies In Engineering on January 30 and 31. A release said the conference deals with the advanced technologies that are more sustainable, solving critical engineering problems, improving the overall quality of life and hence benefitting the society at large. Dr Prahlad Vadakkepat, Professor, Electrical & Computer Science Engineering, National University of Singapore (NUS) would be delivering a keynote on AI, Robotics and Industry 4.0. Dr Bambang Istijono, Centre for D S, Andalas University, Indonesia would be presenting a keynote on the reduction of floods caused by rain using infiltration wells and rain reservoirs in Padang city. ENS



THE TIMES OF INDIA, MANGALURU  
WEDNESDAY, JANUARY 29, 2020

## Two international conferences at MITE from tomorrow

TIMES NEWS NETWORK

**Mangaluru:** The Mangalore Institute of Technology and Engineering (MITE), Moodbidri, will host a two-day global conference on 'Advanced Smart and Sustainable Technologies

in Engineering (GCAS-STE)-2020' from Thursday.

The conference jointly organised by civil, electronics and communication and mechanical engineering departments, deals with advanced technologies that are more

sustainable, solving critical engineering problems, improving the overall quality of life and hence benefiting the society at large.

With engineering turning into an interdisciplinary endeavour, the conglomeration

of scientists, researchers, academicians and professionals from varied fields are essential to finding solutions that would accelerate sustainable growth. The conference had received 220 full-length papers from across the globe.



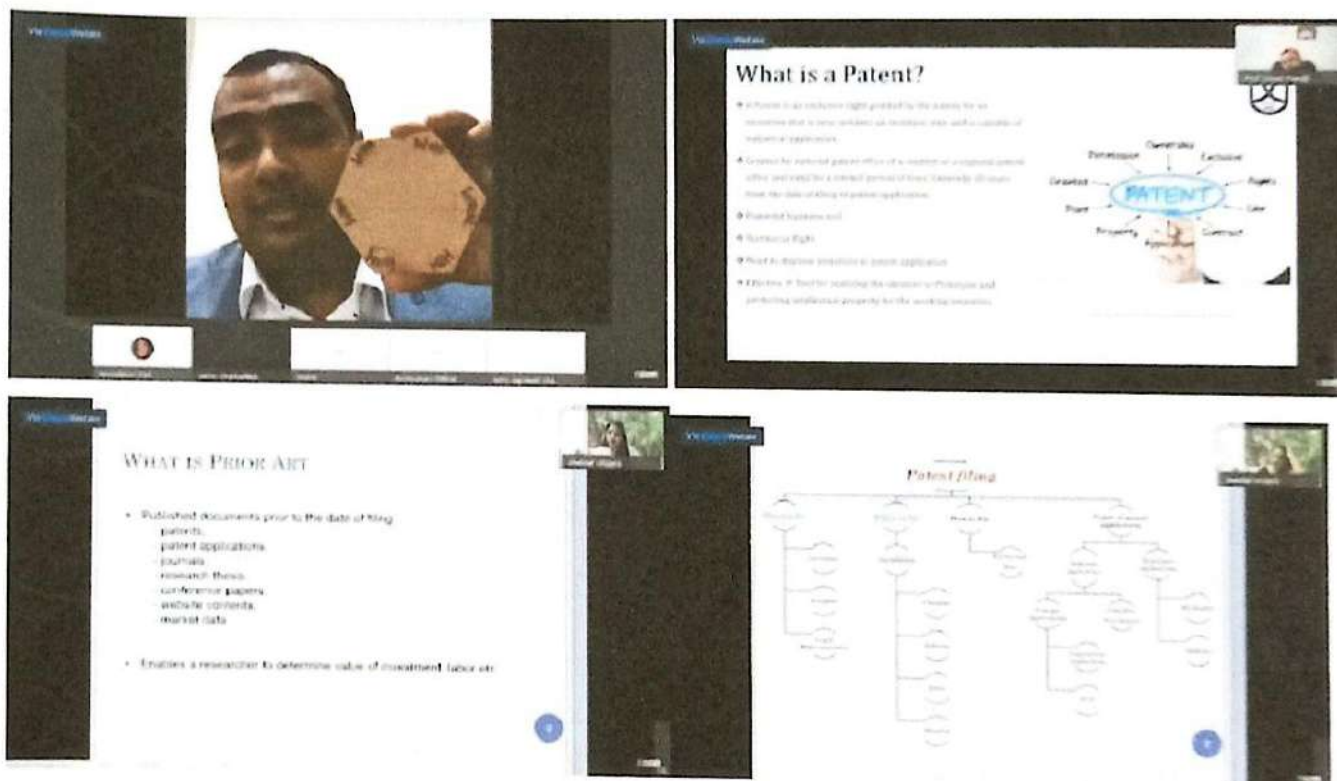
# **Details of Workshop Conducted**



## KAPILA: Kalam Program for IP Literacy and Awareness

Date: 19<sup>th</sup> October to 23<sup>rd</sup> October 2020

To celebrate the birth anniversary of visionary and well-acclaimed proponent of Innovative India, Former President, Dr. A. P. J. Abdul Kalam. AICTE-MIC-IIC organized "KAPILA: Kalam Program for IP Literacy and Awareness by Innovation cell of the Ministry of Education to boost IP filing in the country by Higher Education Institutions. From 19<sup>th</sup> October 2020 to 23<sup>rd</sup> October 2020. Dr. Abhay Jere, CIO - MoE's IC initiated the Program on 16<sup>th</sup> October 2020, the program was Broadcast on the MHRD Innovation Cell YouTube channel. Assessment of every session was conducted and based on the Assessment certificate was provided, Many Faculties from MITE actively participated and 17 of them completed the Program.



*Glimpse of the IP Literacy and Awareness Program*





## Mangalore Institute of Technology and Engineering

(An ISO 9001:2015 Certified Institution)

(A Unit of Rajalaxmi Education Trust)

Badaga Mijar, Moodbidri-574225

### *List of Faculty Successfully completed the Program*

S.No	Name
1	Mr.Ramalingam H M
2	Prof.Narendra U P
3	Dr.Sri Krishna Shasthri
4	Dr.Asha Crasta
5	Mr.Ranith H D
6	Mr.Swaroop
7	Mr.Shivramu
8	Mr. Aith kumar
9	Mrs. Rishma M George
10	Mrs. Anjani
11	Ms.Akhila Rupesh
12	Dr. Ragavendra Sagar
13	Mr.Sujesh Kumar
14	Mr. Gelson Toney
15	Ms.Nischitha
16	Mrs.Sumalatha
17	Mr.Raesh Kamath

IPR-CELL

Mangalore Institute Of Technology &  
Engineering Badaga Mijar,  
Moodabidri-574225





## Kalam Program for IP Literacy and Awareness

कलाम बौद्धिक संपदा शिक्षा एवं जागरूकता अभियान

National Intellectual Property Literacy Week

15th - 23rd October, 2020

# Certificate of Completion

This is to certify that  
**RISHMA MARY GEORGE** from


MANGALORE INSTITUTE OF TECHNOLOGY AND  
ENGINEERING

has attended National IP Literacy Week

Organised under Kalam Program for IP Literacy and Awareness

and Successfully Passed the Assessments for Sessions held from

15<sup>th</sup> to 23<sup>rd</sup> October 2020

  
**Prof. Anil D. Sahasrabudhe**  
Chairman, AICTE  
Ministry of Education  
Govt. of India

  
**Dr. Abhay Jere**  
CIO, MIC  
Ministry of Education  
Govt. of India

  
**Dr. Mohit Gambhir**  
Innovation Director, MIC  
Ministry of Education  
Govt. of India

  
**Dr. K. Elangovan**  
Assistant Innovation Director, MIC  
Ministry of Education  
Govt. of India

UCID: KAPILA/2020880151978





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(Affiliated to Visvesvaraya Technological University Belagavi)

Badaga Mijar, Moodabidri-574225, Karnataka

## Two Days Workshop on Ideas to Reality

**Date: 21/02/2020**

**Session-1: 10AM to 11:30AM**

**Speaker: Mr. Sundar Sherighar, Assistant Director, MSME, Mangalore**

**Mr. Sundar Sherighar**, inaugurated the Workshop and delivered a talk on “Ideation: turning ideas to reality”. He initially spoke about innovation and creativity in the workplace. The main aim of the session is to improve Innovation, Creative thinking skills of the students and thereby develop good social relevant projects and to prototype them and help them to find funding/ incubation from Government and Private Sources to start a Start-up or help them to be good innovators. He encouraged the students to nurture their innovative ideas to reach the pilot level and to apply them to the Business Incubators, which are organizations that assist innovators to earn grants to convert their innovations into sustainable and scalable enterprises.



Mr. Sundar Sherighar giving his inaugural address





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## Session-2:11:45AM to 1PM

**Speaker: Mr. Ramalingam H M**, Convener, IPR Cell-MITE

**Mr. Ramalingam H M** Delivered Talk on “Intellectual property rights an overview” in the second session of the Workshop. Main objective of the session is to create awareness about various types of intellectual property rights. The resource person briefed various intellectual property rights and various intellectual property infringements which covers Copy rights, Patents, Industrial designs, Trademarks, Geographical indications and Trade secrets. The session was concluded by a quiz to assess the audience.

## Session-3: 2 PM to 4.30 PM

In the Afternoon session purely focused on the Patent process Mr.Ramalingam explained the patent process and the support from MITE to filling patent. Later he givenhands on training of patent search to the participants, which includes the prior art search from various public domain patent data bases like Patent scope, Espacenet, India Databases, US Databases.



Mr. Ramalingam discussing about intellectual property rights





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**Date: 22/02/2020**

**Session-1: 10AM to 11:30AM**

**Speaker: Mr.Glenson Toney**, Manager, NAIN incubation center, MITE

**Mr.Glenson Toney**, Started the day-2 of the workshop by delivering “Startups and MITE”. In his address he explained the incubation eco system at MITE and the facilities that students can avail. He also spoke about the successful ventures by alumnus of MITE. Further, the participants were grouped into teams to prepare a pitch presentation.



Mr. Glenson addressing the incubation ECO system in MITE

**Session-2: 11.45 AM to 1PM**

**Dr.RagavendraSagar**, Senior Assistant Professor Department of Physics, MITE and **Mr.Sunil Kumar**, Senior Assistant Professor, Department of CSE MITE, conducted the session-2 on the topic “Idea Generation: A Systematic Mapping of Literature”. Main focus of this session is idea generation form the Scholarly Journals and review the literature. Dr.Ragavendrasagar explained



about different types of journals and why to read research articles, further he given example of idea generation from research articles.



Mr.Sunil Kumar explaining about Journal search

Mr.Sunil Kumar explained the methods of searching relevant content form journals and he shown how to do journal search from various journal sources like IEEE-Explore, Science direct and Springer.

### **Session-3:2 PM to 4.30 PM**

The final session of the workshop witnessed 10 teams presenting their business ideas to the panel. Mr.Abhay, Assistant Professor, Department of MBA was the jury. Top three teams were awarded cash prizes.



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Pitch Presentation by the participants

A handwritten signature in blue ink, likely belonging to Ramalingam M. H. M.

RAMALINGAM. H. M


**IPR-CELL**  
**Mangalore Institute Of Technology &**  
**Engineering Badaga Mijar,**  
**Moodabidri-574225**



## Two days Workshop on Ideas to Reality

February 21 & 22, 2020

Team Name	Team Leader	USN	Contact	email	No. of members in the Team (excluding lead)
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kalpa	Manoj A M	4MT18AE027	9538835552	manojam3978@gmail.com	3
Elite	Nikhil S	4MT18MT021	7760056954	qwertynikhil123@gmail.com	2
Flystreine	Vishisht Padiyar	4mt18ec102	7892936969	vishisty@gmail.com	4
X to Infinity	Mohammed Nabhan	4MT17CS123	9901710336	nabhanmohdesham@gmail.com	2
Team INVENTORS	Vaishnavi	4MT18MBA89	8548809887	vaishnavirao21@gmail.com	6
THE ACE VENTURISTS	ASHIL SAM	4MT16MT008	9513421670	ashilsam007@gmail.com	2
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AGUA	Samiksha	4mt18mt028	7259396175	samikshan369@gmail.com	4

  
 Manager  
 MITE KAIN Incubation Center  
 K-Tech Innovation Hub  
 Mangalore Institute of Technology & Engineering  
 Badaga Muz, Moodbidri-574225





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IPR Cell MITE & K-tech Innovation Hub

Workshop on iDeas to Reality

Date: 21-02-2020

S.No	Name	Department	FN	AN
1	Deetsha	Chemistry	<i>Deetsha</i>	<i>Deetsha</i>
2	Anusha	Chemistry	<i>Anusha</i>	<i>Anusha</i>
3	Deetsha	Chemistry	<i>Deetsha</i>	<i>Deetsha</i>
4	Anusha	Chemistry	<i>Anusha</i>	<i>Anusha</i>
5	Harshitha	Chemistry	<i>Harshitha</i>	<i>Harshitha</i>
6	KEERTHAN	I MBA (A)	<i>Keertan</i>	<i>Keertan</i>
7	Rancharan Shal	I MBA (A)	<i>Rancharan</i>	<i>Rancharan</i>
8	Vamsa Rao	I MBA (A)	<i>Vamsa</i>	<i>Vamsa</i>
9	Sudhita, S. Tondal	I MBA (A)	<i>Sudhita</i>	<i>Sudhita</i>
10	Vaidhyan	I MBA (A)	<i>Vaidhyan</i>	<i>Vaidhyan</i>
11	Shashan. M.B	I MBA (A)	<i>Shashan</i>	<i>Shashan</i>
12	Prithvika Shetty	III EC-2	<i>Prithvika</i>	<i>Prithvika</i>
13	Souraj Shetty	III EC-2	<i>Souraj</i>	<i>Souraj</i>
14	Pranav Kumar	III EC-2	<i>Pranav</i>	<i>Pranav</i>
15	Prasanna K	III EC-2	<i>Prasanna</i>	<i>Prasanna</i>
16	Leela Bai	III EC-2	<i>Leela Bai</i>	<i>Leela Bai</i>
17	Aravind	IV EC-2	<i>Aravind</i>	<i>Aravind</i>
18	Samarth	IV EC-2	<i>Samarth</i>	<i>Samarth</i>
19	Paran Kumar	IV EC-2	<i>Paran Kumar</i>	<i>Paran Kumar</i>
20	Vaishak	IV CS-2	<i>Vaishak</i>	<i>Vaishak</i>
21	Srinivas	IV EC-2	<i>Srinivas</i>	<i>Srinivas</i>

*(continued)*





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**Badaga Mijar, Moodabidri-574225, Karnataka**

## **WORKSHOP ON NATIONAL STARTUPS AWARD 2020**

### **Eligibility, Process and Benefits**

**December 23, 2019**

The workshop on the National Startups Award 2020 was organized on December 23, 2019 at 12.00 PM at the Training and Placement Center, Administrative Block. The workshop had 29 participants along with 3 startups: Accelerlab Technologies Pvt. Ltd, Technoclog, Moodbidri and FTP Food & Beverages Pvt. Ltd.



The session was conducted by the District Innovation Associate of MITE NAIN Incubation Center, Mr. Glenson Toney. The workshop dealt with the National Startups Award 2020: Benefits, eligibility, Award Category, Instructions to apply, Rules & Regulations and other essential links to apply.





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Session conducted by Mr. Glenison Toney

Manager

MITE NAIN Incubation Center  
K-Tech Innovation Hub  
Mangalore Institute of Technology & Engineering  
Badaga Mijar, Moodbidri-574225





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## CHANGEATHON 2.0 24-Hours Hackathon

November 15, 2019 to November 16, 2019

The MITE NAIN Innovation Center in association with the MITE Open-Source Community & Hackerearth organized the 2nd edition of the 24-hours hackathon series CHANCEATHON 2.0 on the 15th and 16th of November, 2019.

**MITE MANGALORE** **K-tech INNOVATION HUB**

**Hackerearth**

Presents

# CHANGEATHON 2.0

Themes:	Rules:
Public Health Care	Each team can have
Smart City	maximum of
E-Waste Management	4 members.
Labour Matching	The Hackathon will
Public Security	have two phases as
Agriculture	mentioned below.
Open Innovation	
Region Specific Problems	

Win Exciting Prizes  
Internship offers

Phase I: Idea submission  
Date: 6<sup>th</sup> November – 14<sup>th</sup> November 2019

**Phase II: 24 Hours Hackathon**  
**15-16<sup>th</sup> November 2019**

Register at: <http://bit.ly/mitehackathon>

It was a two-phase hackathon; the first phase was the idea submission phase (6th November-14th November). There was 80+ registration from all the departments in the college. This was followed by an idea shortlisting phase and the selected teams were shortlisted for the 24-hours



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overnight hackathon. The hackathon began at 10:AM on Friday 15th November and the Teams were given time up to 10:AM on the next day to build on their ideas. Once the 24-hours building phase was completed all the teams had to pitch their ideas to the judges, the judges then scored the teams accordingly and the winners were declared. The Judges were Achal R Poonja, Ex-Student Chair, IEEE MITE, and Adithya, Alumni of MITE. The winning teams were given cash prizes and internship offers from Pace Wisdom Solutions Pvt Ltd. They are also shortlisted for Phase 2 of NAIN projects to be submitted to Govt. of Karnataka.



The Hackathon in progress at Bosch lab 2



Manager  
MITE NAIN Incubation Center  
K-Tech Innovation Hub  
Mangalore Institute of Technology & Engineering  
Badaga Mijar, Moodabidri-574225





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Participants pitching their work to the jury

## Winners

1. First Place: Team Synchronous – Shashan Ram K, Vineeth V Pai, Akshay AS.
2. Second Place: Team MED – Lanston Fernandez, Manish Poojari, Bhavesh.
3. Third Place: Team Terminal Stack – Nabhan, Ayush, Prem Mishra, UttamKumar





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Team Changeathon with the participants of Changeathon 2.0

  
Manager  
MITE NAIN Incubation Center  
K-Tech Innovation Hub  
Mangalore Institute of Technology & Engineering  
Badaga Mijar, Moodabidri-574225



**Mangalore Institute of Technology & Engineering**  
(An ISO 9001:2015 Certified Institution)

**K-Tech Innovation Hub**

**Changeathon 2.0**

15/11/2019 & 16/11/2019

Sl. No.	Email Address	Name	Mobile No.	Team	USN	Semester
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65	prnagasrinneenayak@gmail.com	B M Nagasthree	7878986723	Technology follo	4MT17CS024	5
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67	nathanmohesham@gmail.com	Mohammed Nathan	8901710336	Terminal Stack	4MT17CS123	5
68	ayyushaman13@gmail.com	Ayyush Aman	9384280062	Terminal stack	4mt17sc002	5
69	ayyushaman13@gmail.com	Ayyush Aman	9384280062	Terminal stack	4mt17sc002	5
70	abdu.faiy0010@gmail.com	Abdul Faiy	9194217182	Try (to) catch	4mt17sc002	5
71	natar1234@gmail.com	Nata Abdul Rahman	9845558862	Try (to) catch	4mt17mt031	5
72	dakangotzyed@gmail.com	Syed Mohammed Anas	9048097931	Try (to) catch	4MT17CS052	5
73	nataashwade876@gmail.com	Nata	8136881954	Try (to) catch	4MT16CS009	5
74	shreyas4142@gmail.com	Shreyas K	8498618048	Unknown(Gener	4MT17EC082	5
75	jooliferning294@gmail.com	Jooli Ferning	9130967549	Unknown(Gener	4MT17ME048	5
76	ujwalbali1999@gmail.com	Ujwal Balan	9482418029	Unknown(Gener	4MT17EC100	5
77	shreyas886@gmail.com	Shreyas KS	7411908848	Unknown(Gener	4MT17SC047	5

  
**GLENISON TONEY**  
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(Affiliated to Visvesvaraya Technological University Belagavi)

Badaga Mijar, Moodabidri-574225, Karnataka

## UNLOCKED: Coding Challenge

September 14, 2019

UNLOCKED, a 2-hours online coding challenge organized by the MITE NAIN Center in association with the MITE Open-Source Community (MOSC) and Hackerearth. The event had over 120 student participants working on different software platforms to propose engineering solutions to proposed problems



### Winners

- 1 AnushaSShetty, Dept. of ISE-First Place.
- 2 SL Trishul Sherigar, Dept. of CSE-Second Place.
- 3 Panduranga Nayak, Dept. of CSE and Abdul Affou, Dept. of ISE-Third Place





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## Mangalore Institute of Technology & Engineering

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(A Unit of Rajalaxmi Education Trust®, Mangaluru)

Badaga Mijar, Moodabidri, Mangalore Tq, D.K. Dist, Karnataka-574225



hackerearth

&



# CERTIFICATE

OF ACHIEVEMENT

PROUDLY PRESENTED TO

*Anusha S Shetty*

for securing the First position in UNLOCKED - 2019  
organized by MITE Open Source Community on 14<sup>th</sup> September 2019

Dr. Divakara Shetty S  
Dean of Academics, MITE





# **ENTREPRENEURSHIP AWARENESS CAMP**

**DST-NIMAT PROJECT 2019-20**

**Implemented by:**

**Entrepreneurship Development Institute of India (EDI), Ahmedabad**

**Under the aegis of:**

**The National Science & Technology Entrepreneurship Development Board,  
DST, Govt. of India**

**12<sup>th</sup> September – 14<sup>th</sup> September 2019**

## **POST PROGRAMME REPORT (PPR)**

**By**

**MANGALORE INSTITUTE OF TECHNOLOGY &  
ENGINEERING,**

**BADAGA MIJAR-574225**





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## DAY 1(12-09-2019) – Session 1 & 2

An Entrepreneurship Awareness camp (EAC) is conducted at Mangalore Institute of Technology & Engineering (MITE) by the Entrepreneurship Development Cell (EDC) from 12<sup>th</sup> -14<sup>th</sup> September 2019. The three-day EAC was inaugurated by Mr. Ramesh K M, CEO & Co-Founder, Trividtrans Private Limited, delivered a talk on “**Entrepreneurship: The unwritten rules**”. He spoke about the various challenges faced by the entrepreneurship and also the opportunities that can be utilized by the students in order to be the job providers of tomorrow. The EAC is conducted by EDC-MITE in association with National Science & Technology Entrepreneurship Development Board (NSTEDB) and Entrepreneurship Development Institute of India (EDII) Ahmadabad.



Session by Mr. Ramesh K M

The main objective of the camp is to create awareness among the students about the various facets of Entrepreneurship as a career option. The camp will highlight how creativity is essential for success of an entrepreneur and is also aimed at motivating entrepreneurs in individuals.





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## **DAY 1(12-09-2019)-Session 3 & 4**

In the second session, Mr. Ramesh K M, CEO & Co-Founder, Trividtrans Private Limited, gave a talk on 'Entrepreneurship: The unwritten rules'.

Highlights of his topic are:

1. Motivational stories of startup and enterprises.
2. Ideas are useless until executed, execution is everything.
3. The false notion on Entrepreneurship
4. The reward with risk
5. Unofficial MBA of an Entrepreneur.
6. The STAR Team you need (Structure, Technical, Action, Relation)

He also touched about the following aspects

- Brief Introduction about the company Trividtrans.
- Initial challenges to start the company.
- Identification of opportunities leads to success.
- Market study before starting his industry.





Session by Mr. Ramesh K M

In the afternoon sessions, Mr. Ramesh K M, CEO & Co-Founder, Trividtrans Private Limited, gave a talk on **“WEALTH CREATION”**.

Highlights of his topic are:

1. The thing that school do not teach you about.
2. The Money and its Unwritten Laws.
3. The Economy Quadrants ESBI.
4. The cash flow Quadrants.
5. Assets and Liabilities.
6. The Mindset and skill set.

He briefed about the **“POWER OF BRANDING”** in his last session.

Highlights of his topic are:

1. Importance of Platforms.
2. Content Creation.
3. Investing on passion
4. The significance of Life curve
5. Learning, Money and Goodness





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Sessions gave a clear insight on some of the most essential instincts require for everyone in this amazing world to create something they love, to live the life they want an entrepreneur.

## Day 2 (13-09-2019) Industrial Visit

In the last day of the EAC, students were taken to industrial visit to “**SKF ELIXER INDIA PRIVATE LIMITED**”- Belvai. SKF is the expertise gained in the food grains processing industry for decades that made us aware of the extent of water contamination and the urgent need for pure, mineral water in India. After decades of R&D, company have finally designed, manufactured and launched the entire range of mineral water plants- institutional, commercial, food & beverage industries, public places, including the domestic ones. EDC Coordinator accompanied the students during the industrial visit.



Photo with Defair Solutions team





Photo of SKF Elixer plant



Photo of SKF Elixer plant





Group photo of students at SKF Elixer plant

## Day 3(14-09-2019)- Session 1& 2

Mr. Sunilkumar B U, Founder and CEO of Defair Integrations, delivered a talk on **“Entrepreneurship development in Engineering students”**. In his talk, he stressed on how various **Entrepreneur development** programmes can help the **entrepreneurs** to enhance their organizing and managerial abilities so that they can run their enterprise efficiently and successfully. He focused on how the employment generation can help in improving the job crisis and how eventually it would lead to benefit the nation’s economy.





Session by Mr. Sunil Kumar

Highlights of the topics are:

- Brief history of how Defair Integration was formed
- Challenges faced by budding entrepreneurs
- Entrepreneur Development Programme
- Role of Entrepreneurship in societal development

## Day 3(14-09-2019)- Session 3& 4

Mr. Lohith R, Co-Founder and COO of Defair Integrations, delivered a talk on “**Startup support – An Overview**”. He spoke about the opportunities that a budding entrepreneur can avail through angel investors, Government bodies and various private entities to fulfill the





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dreams of being a job provider. He requested the students who are interested in becoming entrepreneurs of tomorrow, to focus on their dreams and avail all these facilities from the Government bodies to build their venture successfully. He briefed the students about various technical terminologies of start-ups and asked the students to keep in touch with the incubation centre and EDC cell of MITE.



Session on startup support – an overview

Highlights of the topics are:

- Opportunities available for starting own venture.
- Angel investors & Government funding agencies that support budding entrepreneur.
- Converting dreams into reality, from ideation to product development
- Role of incubation centers & entrepreneurship development cell.
- Marketing of the products.
- IP rights and its benefits.

Co-ordinator

Entrepreneurship Development Cell (EDC)

M.I.T.E. Mijar - 574225





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Affiliated to VTU, Belagavi, Approved by AICTE, New Delhi

**Attendance Sheet – EAP conducted on Sep 2019**

Sr. No.	USN	Name of the Participant	DEPARTMENT	Signature
1	4MT17MT001	ABDUL RAHIMAN	Mechatronics	
2	4MT17MT002	ABHINAV K	Mechatronics	
3	4MT17MT003	ADARSH DHANANJAY POOJARY	Mechatronics	
4	4MT17MT005	AHASANUL MUSTAFA	Mechatronics	
5	4MT17MT006	AHMED REZA MOHAMMAD KUNHI	Mechatronics	
6	4MT17MT007	AKSHAY R KOTIAN	Mechatronics	
7	4MT17MT008	AMITH S LAHARI	Mechatronics	
8	4MT17MT009	AMRUTH M ACHARYA	Mechatronics	
9	4MT17MT010	ANVITH C RAI	Mechatronics	
10	4MT17MT012	ASHWIN K A	Mechatronics	
11	4MT17MT013	ASHWITHA SATHISH KUMAR	Mechatronics	
12	4MT17MT014	CHANDAN C	Mechatronics	
13	4MT17MT015	DE SOUZA EREMITA BENJOY BENJIRO	Mechatronics	
14	4MT17MT016	FAHAD KOLUMBIL A JABBAR	Mechatronics	
15	4MT17MT017	FAIZAN MOHAMED	Mechatronics	
16	4MT17MT018	GAURAV B BANJAN	Mechatronics	
17	4MT17MT019	GOWTHAM H S	Mechatronics	
18	4MT17MT020	GURJAO VICKSAN JACINTO	Mechatronics	
19	4MT17MT021	JEVIL VLEMENT MENDONCA	Mechatronics	



20	4MT17MT023	KISHORE KUMAR S	Mechatronics	Kishore
21	4MT17MT025	M KARTHIK	Mechatronics	M Kartik
22	4MT17MT026	MOHAMMED FAZEEL NASIR KHAN	Mechatronics	Mohammed
23	4MT17MT027	MOHAMMED SHIHAB	Mechatronics	Mohammed
24	4MT17MT028	MOHAMMED THOSIF ALI	Mechatronics	Mohammed
25	4MT17MT029	MUAAZ	Mechatronics	Muazz
26	4MT17MT030	N SURAJ	Mechatronics	N Suraj
27	4MT17MT031	NAFA ABDUL RAHMAN	Mechatronics	Nafa Abdul Rahman
28	4MT17MT032	NAMITA NAIR	Mechatronics	Namita
29	4MT17MT033	NANDISH B CHAKRAD	Mechatronics	Nandish B. Chakrad
30	4MT17MT034	NARTHAN S N	Mechatronics	Narthan S N
31	4MT17MT035	NIHARIKA RAO R	Mechatronics	Niharika
32	4MT17MT036	NISCHITH	Mechatronics	Nischith
33	4MT17MT037	NITHIN GEORGE	Mechatronics	Nithin George
34	4MT17MT038	OMKAR MAHESH PATIL	Mechatronics	Omkar
35	4MT17MT039	PRAJATH MAHABALA RAI	Mechatronics	P. M. R. P.
36	4MT17MT040	PRARTHANA JAIN	Mechatronics	Prarthana Jain
37	4MT17MT041	PRATHISH C SUVARNA	Mechatronics	Prathish C. Suvarna
38	4MT17MT042	RAKSHAN K	Mechatronics	Rakshan K
39	4MT17MT043	RAMDAS M R	Mechatronics	Ramdas M R
40	4MT17MT044	RANJITH	Mechatronics	Ranjith
41	4MT17MT045	SABITH AHAMED MANEGAR	Mechatronics	Sabith A. Manegar
42	4MT17MT046	SAGAR S ACHARYA	Mechatronics	Sagar S Acharya
43	4MT17MT047	SHAHZAD ABDULLA A	Mechatronics	Shahzad A
44	4MT17MT048	SHASHANK B C	Mechatronics	Shashank B C
45	4MT17MT049	SHETTY SUJAY JAYARAM	Mechatronics	Shetty Sujay Jayaram
46	4MT17MT050	SHETTY TEJAS DEVRAJ	Mechatronics	Shetty Tejas Devraj



47	4MT17MT051	SHRAVAN KUMAR	Mechatronics	<i>Shraavan</i>
48	4MT17MT052	SHREERAJ	Mechatronics	<i>Shreeraj</i>
49	4MT17MT053	SOURABHA K	Mechatronics	<i>Sourabha</i>
50	4MT17MT054	SUMANTH	Mechatronics	<i>Sumanth</i>
51	4MT17MT055	VARUN S L	Mechatronics	<i>Varun</i>
52	4MT17MT056	VIGHNESHWARA C	Mechatronics	<i>Vigneshwara</i>
53	4MT17MT057	PAWAN SHETTY	Mechatronics	<i>Pawan</i>
54	4MT17MT400	ANANTHAKRISHNA	Mechatronics	<i>Ananthakrishna</i>
55	4MT18MT400	SUJAY KN	Mechatronics	<i>Sujay</i>
56	4MT18MT401	PRAJWAL C HEGADE	Mechatronics	<i>Prajwal</i>
57	4MT18MT402	AMIT P SANGOLL	Mechatronics	<i>Amit</i>
58	4MT18MT403	NILESH B MARKAL	Mechatronics	<i>Nilesh B Markal</i>
59	4MT18MT404	SANDESH SHANKAR PATIL	Mechatronics	<i>SS Patil</i>
60	4MT18MT405	RACHAN	Mechatronics	<i>Rachan</i>
61	4MT15MT038	VARUN GOPALAKRISHNA SHENOY	Mechatronics	<i>Varun</i>
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Convener - EDC

Co-ordinator  
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## One Day Workshop on the Significance of Intellectual Property Rights Significance for Entrepreneurs and Academia

**Date: 07/09/2019**

**Session-1: 9:30AM to 10:45AM**

**Speaker: Dr. Ramamurthy, Senior advisor, Origin IP solutions, Bangalore.**

**Dr. Ramamurthy**, inaugurated the Workshop and delivered talk on “Demystifying the Spectrum of Intellectual Property Rights, with focus on Trademarks”. He initially spoken about how fresh ideas will come and how unique solutions to problems may become an invention. Further he explained about the commercialization of the idea. He gave examples of new invention like tubeless tires, fighting Dengue using eco green energy outdoor lighting system, X-ray vision T-Shirt, Belt driven Hubless Bicycle etc.



Dr. Ramamurthy sharing his views on innovation

In continuation to that Dr. Ramamurthy explained various domains of IPR protection; those are copyright, patent and trademark. Copyright gives the creator of original work exclusive rights to





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it. Patent grants an inventor exclusive rights to make, use, sell and import an invention for a limited period of time for a product and trademark is a recognizable sign, design which identifies products. He concluded the session by explaining the difference between trademark and service mark.

## **Session-2: 10:45AM to 11:30AM**

**Speaker: Ms. Prabhavathi Rao, IPR Cell, VTPC, Karnataka**

**Ms. Prabhavathi Rao**, Delivered Talk on “Growing Significance of Intellectual Property Tools for Entrepreneurs and Academia” in the second session of the Workshop.



Ms. Prabhavathi Rao highlighting various Government Schemes available for Product Development





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Ms. Prabhavathi Rao explained the potential of a business to create jobs and how entrepreneurs predominate in the economy. She also explained that Entrepreneurship has offered the opportunity to many of the world's poor to earn a sustainable livelihood. She offered guidance to develop entrepreneurship promotion among women, youth and minorities as well as offering guidance on how to establish national centers of excellence in entrepreneurship, encouraging networking and the sharing of good practices. She highlighted about government schemes for product development and exporting. In Entrepreneurship development implementing an idea into product plays an important role. The speaker encouraged the Audience to convert their ideas into products and copyrights. The session was concluded by answering the queries of the participants and thereby encouraging them to patent their ideas and also to respect the patents that already exist.

## **Session-3: 11.45 AM to 12.30 PM**

“Spotlights on Patents, Patentability, Innovations and patent Mechanism” addressed by Dr.Sarsija Padmanabhan, IP Consultant, in the third session. In her address, she explained the process of patent publication and granting, which includes Filing, Formal Examination, Prior art Search, Substantiate examination, Publication and grant/refuse, Appeal and Opposition.



Dr.Sarsija Padmanabhan explaining the Patent Process





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### **Session-4: 1.30 PM to 3.30 PM**

In the Afternoon session Dr.Sarsija Padmanabhan given hands on training of patent search to the participants, which includes the prior art search from various public domain patentdata bases like World Intellectual Property (WIPO), Europe databases, Africa Databases, India Databases, US Databases.


**IPR-CELL**

**Mangalore Institute Of Technology &  
Engineering Badaga Mijar,  
Moodabidri-574225**



# Workshop Registration

Timestamp	Name	Department
2019/09/04 6:20:25 AM GMT+5:30	Glenison Toney	Mechatronics Engineering
2019/09/04 6:30:39 AM GMT+5:30	Dr. Vinayambika S Bhat	ECE
2019/09/04 6:36:19 AM GMT+5:30	Dr Ramarao Y	Mathematics
2019/09/04 6:39:38 AM GMT+5:30	Aveen K P	Mechanical
2019/09/04 7:05:57 AM GMT+5:30	Yashwanth M K	Civil Engineering
2019/09/04 8:40:18 AM GMT+5:30	Adarsh Krishnamurthy	Aeronautical
2019/09/04 9:08:49 AM GMT+5:30	Dr. G.Purushotham	Aeronautical Engineering
2019/09/04 9:40:32 AM GMT+5:30	Dr.Nandini g.nayak	Chemistry
2019/09/04 9:48:52 AM GMT+5:30	PUSHPARANI MK	ECE
2019/09/04 9:51:29 AM GMT+5:30	Dr. M S Nagananda	Electronics & Communication
2019/09/04 9:54:38 AM GMT+5:30	Dr. Raghavendra Sagar	Physics
2019/09/04 10:08:20 AM GMT+5:30	Dr C R Rajashekhar	Mechanical Engineering
2019/09/04 10:13:41 AM GMT+5:30	Ranjith H D	ECE
2019/09/04 10:18:15 AM GMT+5:30	Srikrishna shastri C	EC
2019/09/04 10:39:53 AM GMT+5:30	Jyothi S	Mathematics
2019/09/04 11:17:40 AM GMT+5:30	Dony Armstrong DSouza	ECE
2019/09/04 11:29:47 AM GMT+5:30	PRAVEEN J KALAMDANI	MECHANICAL ENGINEERING
2019/09/04 12:19:13 PM GMT+5:30	Neelakantha V Londe	Mechanical Engineering
2019/09/04 12:40:51 PM GMT+5:30	Asha Crasta	Mathematics
2019/09/04 1:29:23 PM GMT+5:30	MURALI K B	MECHANICAL
2019/09/04 1:57:13 PM GMT+5:30	PRANEETH H R	AERONAUTICAL ENGINEERING
2019/09/04 8:44:51 PM GMT+5:30	Mr. Gajanan M Naik	Mechanical Engg.
2019/09/04 10:28:26 PM GMT+5:30	BHANUPRAKASH H S	MECHANICAL ENGINEERING
2019/09/05 7:16:31 AM GMT+5:30	Ganesh	Ece
2019/09/05 12:33:11 PM GMT+5:30	Shivaramu H T	Mechanical Engineering
2019/09/05 1:49:21 PM GMT+5:30	Dr Lokesha	Mechanical
2019/09/05 1:50:31 PM GMT+5:30	Gautam S Shetty	Mechanical
2019/09/06 11:47:21 AM GMT+5:30	Sudeep N S	Mechanical Engineering
2019/09/06 1:22:14 PM GMT+5:30	LAXMI GULAPPAGOL	ECE

  
(convenor)





Three Day  
Student Employability Program on

# Innovations and Incubations: from Ideation to Realization (IIIR – 2019)

6<sup>th</sup> to 8<sup>th</sup> September 2019

organized by

**Department of Electronics and Communication Engineering  
Mangalore Institute of Technology & Engineering (MITE), Moodabidri**

**Sponsored by TEQIP 1.3**

**Visvesvaraya Technological University, “Jnana Sangama”, Belagavi, Karnataka**

**Aryabhatta Knowledge University, Patna, Bihar**

**Biju Patnaik University of Technology, Rourkela, Odisha**

**NO REGISTRATION FEE**

## **Program Co-Ordinator**

Dr. M. S. Nagananda  
Professor, Dept of ECE  
MITE, MOODABIDRI  
PH: +91 9483431039

## **For more Information, Contact**

Mr. Sri Krishna Shastri  
Associate Professor, Dept of ECE  
MITE, MOODABIDRI  
PH: +91 9901723056





Visvesvaraya Technological University  
VTU TEQIP 1.3 Sponsored  
Student Employability Program



**Innovations and Incubations:  
from Ideation to Realization  
(IIIR – 2019)**

**Registration Form**

Name: \_\_\_\_\_

USN No: \_\_\_\_\_

Department: \_\_\_\_\_

College: \_\_\_\_\_

Phone No: \_\_\_\_\_

E-mail ID: \_\_\_\_\_

Accommodation: \_\_\_\_\_

☐ Yes
 ☐ No

**Declaration by Participant**

I declare that the details furnished are true to the best of my knowledge. I agree to abide by the rules and regulations of the program, if selected, I shall attend the programme for the entire duration

Place: \_\_\_\_\_

Signature of the Participant

Mr. / Ms.: \_\_\_\_\_

is permitted to attend the program.

Date: \_\_\_\_\_

Signature of HoD / Principal

**Chief Patrons**

**Dr. Karisiddappa**, Hon'ble Vice Chancellor, VTU

**Mr. Rajesh Chouta**, Chairman, MITE

**Patrons**

**Dr. A. S. Deshpande**, Registrar, VTU

**Dr. G.L. Easwara Prasad**, Principal, MITE

**Resource Persons**

**Dr. Prasad Krishna**  
Professor, NITK, Surathkal

**Mr. Socrates K & Team**  
Deputy Director, Min. of MSME, GoI.

**Ms. Prabhavati Rao & Team**  
Program Co-ordinator, WTO & IPR Relay cell GoK

**Mr. Shreyas and Mr. Manish**  
Global 3D Labs, Bangaluru

**Mr. G Guruvayurappan & Team**  
CeraTherm International, Bengaluru

**Program Co-ordinator**

**Dr. M.S. Nagananda**  
Professor, Dept. of ECE

**Co-ordinators**

**Dr. Vinayambika S Bhat**, Professor & Head, Dept. of ECE

**Mr. Satyanarayana**, Associate Prof. & Head, Dept. of MT

**Mr. Sathisha**, Associate Prof., Dept. of ECE

**Mr. Padma Prasad**, Dept. of ECE

**Mr. Ajith Kumar**, Dept. of Aeronautical Engineering

**Mr. Yashwanth**, Dept of Civil Engineering

**Mr. Shree Kumar**, Dept. of CSE

**Mr. Rajesh Kamath**, Dept. of ISE



Three Day  
Student Employability Program on



**Innovations and Incubations:  
from Ideation to Realization  
(IIIR – 2019)**

**6<sup>th</sup> to 8<sup>th</sup> September 2019**

**Organized by**

**Department of Electronics and Communication  
Engineering**

**Mangalore Institute of Technology & Engineering  
(MITE), Moodabidri**

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**Biju Patnaik University of Technology, Rourkela,  
Odisha**

**MANGALORE INSTITUTE OF TECHNOLOGY &  
ENGINEERING**

(An ISO 9001:2015 Certified Institution, Accredited by NAAC and 4  
Courses Accredited by NBA)

(A Unit of Rajalaxmi Education Trust @, Mangalore)  
Badaga Mijar, Moodbidri, Mangalore Tq, D.K. Dist.,  
Karnataka-574225

Web: [www.mite.ac.in](http://www.mite.ac.in) Email: [info@mite.ac.in](mailto:info@mite.ac.in)





## About MITE

The Mangalore Institute of Technology & Engineering (MITE) was established in the year 2007, by the Rajalaxmi Education Trust® with perseverance for excellence, to foster innovation, and to prepare the students for a global career. Here 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 in our students. MITE has made a name for itself as one of the most elite Engineering Institutes in a very short span of time. Located amidst the nature's bliss, the lush green, serene campus, spread over 74 acres, houses the best in-class infrastructure offering 7 Undergraduate, and several Postgraduate and Research Programs. MITE has collaborations with Binghamton University, the State University of New York, USA, ITE West Singapore, MDIS Singapore and Kumamoto University, Japan. The campus also has the coveted Siemens Center of Excellence for Digital Design, Validation & Digital Manufacturing and Bosch Rexroth Center of Competence in Automation Technologies. MITE has established a state-of-the-art Incubation Center with a grant of INR 1.2 Crores from the Government of Karnataka and INR 65 Lakhs from MSME, the Government of India, which has become a hub of opportunities for the budding entrepreneurs.

## Vision

To attain perfection in providing Globally Competitive Quality Education to all our Students and also benefit the global community by using our strength in Research and Development.

## Mission

To establish world class educational institutions in their respective domains, which shall be Centre of Excellence in their stated and implied sense. To achieve this objective, we dedicate ourselves to meet the Challenges of becoming Visionary and Realistic, Sensitive, Demanding, Innovative, Practical, Theoretical and Pragmatic; ALL at the same time.

## Department of ECE

The Dept. of Electronics and Communication Engineering was established in the year 2007. The Dept. focuses on overall development of students through innovative teaching and learning process. The Dept. has highly qualified, experienced and dedicated faculty, committed to impart technical knowledge using advanced pedagogic methodologies. The Dept. has spacious laboratories with a congenial ratio of students to equipments where they get to work hands on to get real time experience. The dept. has entered into an MoU with KPIT Ltd, Bengaluru under PACE program to train our students to make them industry ready.

## About VTU

Visvesvaraya Technological University (VTU) is one of the largest Technological Universities in India with 20 years of Tradition of excellence in Engineering & Technical Education, Research and Innovations. It came into existence in the year 1998 to cater the needs of Indian industries for trained technical manpower with practical experience and sound theoretical knowledge. University has very successfully achieved the tremendous task of bringing various colleges affiliated earlier to different Universities, with different syllabi, different procedures and different traditions under one umbrella. Over 4 lakhs Engineering Students study in the various institutes affiliated to the University. It has four regional centres across the State of Karnataka in Belagavi, Bengaluru, Kalburgi and Mysuru respectively. University is comprised of a multi-disciplinary and multi-level institution offering wide ranging programmes in engineering, technology and Management. The University is maintaining steady progress in developing and providing best technical environment for education and will continue to serve the nation in coming years.

## About the Program

The event is planned to provide the awareness and build entrepreneurial expertise through Innovations and Incubations: From Ideation to Realization to pursue dreams and to gain economic, technical and entrepreneurial expertise in the chosen field. It aims to develop lateral thinking and innovation skills for societal and business prospective. This program is a complete journey of Innovative ideas, its Nurturing, Prototyping, Product, IPR, Business Plan, and Financial Assistance by State and Central Government and private agencies. The Expert Speakers and Successful Entrepreneurs will be addressing the

## Objectives of the workshop

- Planning the project, identifying feasible ideas, designing and developing an optimum solution.
- Identify and conceptualize a viable solution for the same using modern tools and techniques and Financial Support System.
- How to convert an idea of Academic Project into Sustainable Innovations.
- Sessions on grants from Government Agencies, presentation skills, IPR and Patents.
- Open Project Exhibition from UG students (MITE).
- Idea presentations from Participants.

## Registration Details

Students and Research Scholars from VTU Affiliated and Constituent Engineering Colleges are eligible.

**Registration is FREE.**

**For more information contact:**

Mr. Sri Krishna Shastri  
Associate Professor, Dept of ECE, MITE  
Ph: +91- 9901723056  
Mail id: krishnashastry@mite.ac.in





# Mangalore Institute Technology & Engineering

An ISO 9001: 2015 Certified Institution, Mijar, Moodabidri

## Department of Electronics & Communication Engineering

Dr. M. S. Nagananda  
Professor

Mobile: 9483431039

28<sup>th</sup> August 2019

**Respected Madam / Sir,**

*Greetings from Mangalore Institute of Technology and Engineering (MITE), Moodbidri, Mangaluru.*

**We are organizing the three day workshop on "Innovation and Incubations: From Ideation to Realization (IIIR - 2019)" from 6<sup>th</sup> – 8<sup>th</sup> September 2019.**

The workshop is Sponsored by **TEQIP 1.3** Visvesvaraya Technological University (VTU), "Jnana Sangama", Belagavi, Karnataka, Aryabhatta Knowledge University, Patna, Bihar, Biju Patnaik University of Technology, Rourkela, Odisha

### **About the Program**

The event is planned to provide the awareness and build entrepreneurial expertise through Innovations and Incubations: From Ideation to Realization to pursue dreams and to gain economic, technical and entrepreneurial expertise in the chosen field. It aims to develop lateral thinking and innovation skills for societal and business prospective. This program is a complete journey of Innovative ideas, its Nurturing, Prototyping, Product, IPR, Business Plan, and Financial Assistance by State and Central Government and Private Agencies. The Expert Speakers and Successful Entrepreneurs will be addressing the gathering.

### **Objective of the Program**

- I. Planning the project, identifying feasible ideas, designing and developing an optimum solution. Identify and conceptualize a viable solution for the same using modern tools, techniques and financial support system. How to convert an idea of Academic Project into Sustainable Innovations.
- II. Open Project Exhibition and Poster Presentation from UG students (MITE) and
- III. Idea presentations from Participants

**In this regard, I request you to depute Maximum 5 students from different streams of your esteemed Institution and please do the needful.**

**Yours Sincerely,**

(Dr. M. S. Nagananda)  
Program Coordinator  
IIIR - 2019





# Mangalore Institute of Technology and Engineering

(An ISO 9001:2015 Certified Institution)

(A Unit of Rajalaxmi Education Trust)

Badaga Mijar, Moodbidri-574225

**Title:** TEQIP 1.3 Sponsored Three Day Student Employability Workshop on “Innovations and Incubations: from Ideation to Realization (IIIR - 2019)”

**Date:** 06/09/2019 and 07/09/2019

**Target Audience:** Students interested in incubation and innovation



## Introduction

A three day student employability program on Innovations and Incubations: Ideation to Realization (IIIR-2019) was inaugurated on 06th September 2019. The workshop is **sponsored by TEQIP 1.3**, Govt. of India and is organized by Department of Electronics and Communication Engineering from September 06th to September 8th 2019. The workshop was inaugurated by Mr. Socrates K. Deputy Director, MSME, Mangalore Division. Dr. Divakara Shetty. S, Dean (Academics) presided over the function.

The main objective is to provide the awareness and build entrepreneurial expertise through Innovations and Incubation: From Ideation to Realization to pursue dreams and to gain



economic, technical and entrepreneurial expertise in the chosen field. It aims to develop lateral thinking and innovation skills for societal and business prospective. This program is a complete journey of Innovative ideas, its Nurturing, Prototyping, Product, IPR, Business Plan, and Financial Assistance by State and Central Government and private agencies

### Day 1, Session I:

**Date:** 6/9/2019

**Time:** 09:30 AM –11:00 AM

**Invitee:** Mr. Socrates K

**Mr. Socrates K**, is **Deputy Director, MSME Mangalore** and also the chief guest of the day.



He shared his thoughts and experiences in the process of enterprise development. He stated that participants are in the making of young professionals. According to him professionals set initiatives, they work without any supervision, and professionals can certify that there is no further work to be done.

He stated that every individual has a platform to serve purpose and platform starts with yourselves with unique intellectual properties. He told that how this platform are used by people, few people uses platform to be an entrepreneur and create impact in the society.



He told that basic idea for successful entrepreneurship is the field what we choose. He stated that being an entrepreneur can generate a lot of employment opportunities. He shared few of the ideas to the participants which converted as product which can create an impact in society. He told the examples of ID batter, Ultrasonic Stick to repel snakes, German Astronaut carried bread to space etc. “We create what we want” is the aim of the present generation. He said that we should work on problems in society and that will give the idea for generating product. He told that institute should identify right candidates to be an entrepreneur to convert ideas to right product.

### **Day 1, Session II:**

**Date:** 6/9/2019

**Time:** 11:15 AM –12:45 PM

**Invitee:** Dr. Prasad Krishna

**Dr. Prasad Krishna. Professor and TEQIP Coordinator at NITK, Surathkal.** His research interests are in CNC Machine Tools and Robot Calibration, Fluid Power Control Systems.

The session started with a note on the harm caused by the continuous usage of smart phones on humans as well as the beings around us. Then Dr. Prasad led the crowd into a meditative trance called centering that helped them get their wandering minds back into their minds and essentially control or regulate the usage of the brain. He emphasized on the fact that anything is possible if the mind wills it to be if the mind has decided not to then no force in the world can make one achieve their goals. What one had to first master is the art of taming the mind and not to be a slave of the mind. Then he ventured into the topics of skill mapping which is essentially a tool used to identify a skill gap existing between a student and the industry. He also briefly discussed the different skills in a professional like communication, technical, problem solving and most importantly people skills. He continued by linking India as a spiritual capital of the world and how the western countries are still baffled by the grasp of our ancient seers on their knowledge of the brain and the spirituality of the heart.





He stressed on the belief that the knowledge should not be possessed by an individual but shared through humanity without discrimination. He urged the gathering to balance between material and spiritual self so to be at peace with the two. He shared his experience on how he never used much of his subjects taught in college in his professional career. In conclusion, his take on the talk was that we have to learn to love ourselves and not fall into the prey of judgment, prejudice, and expectations so that we can be the reason to bring about a change in ourselves.

### **Day 1, Session III:**

**Date:** 6/9/2019

**Time:** 01:45 PM –02:45 PM

**Invitee:** Mr. Guruvayurappan G

**Mr. G Guruvayurappan** is a **self-made entrepreneur**. His company ‘Cera Therm International’ is the first and only to introduce Rotten-Cane and Bamboo processing Machine in India. He motivated the students to start identifying the problem in 2nd and 3rd year of engineering and work on products which should reach mass. He advised students to provide a constant time for developing skills required for the company and also spoke about how others problems are our business and shared his life experience of being an entrepreneur.





#### Day 1, Session IV:

**Date:** 6/9/2019

**Time:** 02:45 PM –03:30 PM

**Invitee:** Mr. Manish

**Mr. Manish, Chief Technology Officer, Global 3D Labs**, who Co-founded Global 3D labs in the year 2014 along with 3 other partners in Manipal Business Incubation Center. The session was fast-paced where he skimmed through his companies various struggles, initial success failures and other details associated with entrepreneurship. The three wings of his Companies are

#### **Global 3D Labs**

- Leading manufacturers of desktop and industrial 3D Printers in India
- Pramaan Series is the widest range (size) of 3D printing machines available in India.
- The machines are of premium quality and are affordable.
- 3D printers run a variety of materials.
- Also provide customized 3D printers.

**AMI Services:** The service bureau runs on our expertise and our 3D printers to provide clients with 3D printing services and solutions. Can make small intricate shapes as well as large complex products





### AMI R&D

Apart from standard 3D printers, thorough R&D has resulted in the successful manufacturing & sale of:

- India's Largest 3D Printer – Pramaan ONE
- India's First PEEK 3D Printer
- Resin and Paste 3D printers

His company built India's first chocolate 3D printer. He focused on his company's goals that were to dominate the Indian 3D printing market. He emphasized the Usage of Additive manufacturing industries (AMI) and its Pros and cons in comparison to the subtractive manufacturing (CNC) and other conventional building methods. He also spoke in-depth about his company's involvement in building India's First polyetheretherketone (PEEK) medical grade 3-D printer.

He spoke about how his company is working closely with the elite scientists of IIT Bombay, IIT Madras, and IIT Kharagpur. His company's hard work in being nominated as an entrepreneur in the automation industry in the year 2017 by the exhibit magazine.



He proudly mentioned about the companies ties with the Government of India in building and supplying 3D printers and its raw materials along with involvement in building various models for the armed forces for training and their contribution in erecting the war museum in Indore that will be inaugurated on the December of 2019. He also hinted about his assistance in 3D printing a few parts of the Chandrayan 2 and the Chandrayan 3 space probes.

He also told the audience about launching India's first SLS 3d printer in December this year. He concluded by showing off his various clientele all over the world and with special details about the clients in India. The take on his talk was that sometimes when success comes easy one needs to take it slow take a step back and never jump at every opportunity with accessing the risks involved.

### Day 1, Session V:

**Date:** 6/9/2019

**Time:** 03:30 PM –04:45 PM

**Invitee:** Ms. Sowmya G

**Ms. Sowmya G** is certified counsellor for both psychology and career. She owns a start-up “JOINME” “We believe you can” Academy for skill development. In “JOINME” main stream of training is into: Entrepreneurship Development, Positive parenting, career counselling, and Personality development – soft skills

Ms. Sowmya G enlightened participants about how behavioral science will affect the business and she gave a brief ideas about how value proposition plays very important in starting a company. She briefed about ROBERT T KIYOSAKI saying, there are only 4 quadrangles where a person can fit into i.e., Employee, Self-employed, Business, Investing. In Employee and Self-employed “YOU WORK FOR MONEY”. In Business and Investing, “MONEY WILL WORK FOR YOU”.

**Employee:** You exchange your time and effort for an income. You do not work you do not get paid.

**Self-employed:** You work for yourself but can you take a 6 week holiday and your business keeps on going without you.

**Business:** These people have people working hard for them to generate them an income.



**Investor:** They are the people that have money working hard for them. Play golf and live a good life.

>>> Choosing which quadrangle to be in is up to the individual...! <<<



Ms. Sowmya G also gave insights about the bell curve analysis which plays a very important role when an entrepreneur is introducing a product into the market. Adding to the bell curve analysis she said, being an entrepreneur one must do proper market research before launching any product into the market.

### Day 2, Session VI:

**Date:** 7/9/2019

**Time:** 09:00 AM –10:30 AM

**Invitee:** Dr. Rama Murthy

**Dr. Rama Murthy** is a visiting professor in Indian Institute of Science (Proficiency) – Evening course on Intellectual property rights to industry and academia since 13 years. He is a life member of Aeronautical society, India. He is also a expert panel member of SCIENTIFIC ADVISORS, Indian Patent office, New Delhi and Visveswaraya Trade Promotion Centre,



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Karnataka. Presently he is a **Senior Advisor- Origin IP Solutions LLP**. Bangalore from July 2016.

The second day first session was done by Dr. Rama Murthy, Senior Advisor, Origin IP Solutions Bengaluru. He spoke on the topic “Demystifying the Spectrum of Intellectual Property Rights, with focus on Trademarks”. He initially explained that an idea is where a problem and solution overlap and always fresh ideas will come into picture because of the brain storming and vision of the individual person. Then he explained about inventions. He also told unique solutions to problems may become an invention. Invention may be an improvement upon a machine or product, or a new process for creating an object or a result. He also explained about innovation in waste material. According to him, innovator is a person who looks at something that everyone sees but sees something that no one has seen. Further he explained about the commercialization of the idea. He gave examples of new invention like tubeless tires, fighting Dengue using eco green energy outdoor lighting system, X-ray vision T-Shirt, Belt driven Hubless Bicycle etc.

He then explained about tangible and intangible properties. Tangible property includes any equipment, furniture, car, machinery or supplies used for a commercial purpose. Intangible properties describes something which a person or organization can have ownership but has no physical substance. Further he explained about intellectual property which is a intangible property.

Later he explained various domains of IPR protection; those are copyright, patent and trademark. Copyright gives the creator of original work exclusive rights to it. Patent grants an inventor exclusive rights to make, use, sell and import an invention for a limited period of time for a product and trademark is a recognizable sign, design which identifies products.

Finally he concluded his lecture by explaining the difference between trademark and service mark.



**Day 2, Session VII:****Date:** 7/9/2019**Time:** 10:30 AM –11:15 AM**Project Exhibition**

As a part of the workshop project exhibition of MITE alumni and students arranged. All over the college 10 projects were participated 2 from Computer Science and engineering, 1 from Civil Engineering, 2 from Electronics and Communication Engineering, 2 from Mechanical Engineering, 2 from Mechatronics Engineering and 1 interdisciplinary projects. Engineering. Dr. Rama Murthy and Smt. Prabhavathi juries for exhibition. Mechanical engineering project bagged first and Mechatronics project bagged second prize. After announcing the result, juries gave suggestions about their idea implementation, presentation, resource usage also motivated participants to convert project as a patent.





### Day 2, Session VIII:

**Date:** 7/9/2019

**Time:** 11:15 AM –12:45 PM

**Invitee:** Ms. Prabhavathi Rao

**Ms. Prabhavathi Rao** holds Certifications in Intellectual Property Rights Foundation Course and Patent Cooperation Treaty, from the World Intellectual Property Organisation (WIPO), Geneva, Switzerland.





The speaker explained that the potential of a business to create jobs is determined by the type of entrepreneurs that predominate in the economy. Entrepreneurship has a critical role to play in sustainable development and poverty eradication. It has the potential to stimulate economic growth through job creation; help formalize businesses; create opportunities for and thereby empower disadvantaged groups such as youth and women. It also strengthens local productive capacity by developing linkages with transnational corporations and thereby indirectly maximize the impact of foreign investment. She also explained that Entrepreneurship has offered the opportunity to many of the world's poor to earn a sustainable livelihood. It represents a decent employment generation and can provide an important contribution to sustainable development by creating jobs and driving economic growth and innovation, fostering local economic development, improving social conditions and contributing to addressing environmental challenges. She offered guidance to develop entrepreneurship promotion among women, youth and minorities as well as offering guidance on how to establish national centers of excellence in entrepreneurship, encouraging networking and the sharing of good practices.

Entrepreneurship and the development of small and medium-sized enterprises provide much-needed absorptive capacity for investment and are critical to achieving sustainable development.



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As the speaker explained about the trades and marketing condition in Karnataka state, she also mentioned that, a decade ago only product and manufacturing industry workers were thinking about patents, but now a days youth is thinking about Entrepreneurship, developing the idea as a product. She also highlighted about government schemes for product development and exporting. In Entrepreneurship development implementing an idea into product plays an important role. The speaker encouraged the students to convert their ideas into products and copyrights. The session was concluded by answering the queries of the participants and thereby encouraging them to patent their ideas and also to respect the patents that already exist

### **Day 2, Session IX:**

**Date:** 7/9/2019

**Time:** 01:30 PM –02:45 PM

**Invitee:** Dr. Sarsija Padmanabhan

**Dr. Sarsija Padmanabhan, IP Consultant – Life Sciences Domain**, specializes in Prior Art and Patent Search space. She has worked as Associate Expert in a Project with the World Intellectual Property Organization (WIPO), dealing with Patent is for protecting an individual or companies' investment in development of specific invention sharing information about new invention with public, patent applicant to patent office till patent is disclosed in office. What does the inventor get for disclosing it in patent office, gets assurance from patent office benefitting a much wider group. Patent are published putting full details of the inventions in public domain. Everyone can have access to knowledge of the latest advances in technology which in turn can help guide further research and development she enlightened us with how Patent databases are very important

Patent are owned by inventor ,organization the inventor works for and anyone the inventor wants to sell to patent office .Patent has to be maintained in the patent office or database. Inventor has to pay the fees regularly for maintaining it. If the inventor has not maintained the monopoly then goes to public domain to accesses. Maximum of 20 years patent can be maintained





She also spoke about how is the process of Patent granting and publication, which includes Filing, Formal Examination, Prior at Search, Substantiate examination, Publication and grant/refuse, Appeal and Opposition.

She also explained about Different Routes (territories) or ways to a patent, Nationally, Regionally ex: Europe, Africa, Internationally. Patent depends on nature of invention, potential market for it, the number of countries in which you want patent, the cost. Ex. If you have patent in India, the person of other country cannot patent on it but he can only take the idea and market it because patent is only for India not other country so we should go to every nations to patent it.

There are various public domain patent data bases Patent Cooperation Treaty(PCT) administered by World Intellectual Property(WIPO), Europe databases, Africa Databases, India Databases, US Databases

She also told us about different dates while patenting, Priority date –its date of filing application Publication date its 18 months after filing, Grant date: All Infringement are analyzed from the date of grant.



She spoke about Claims to ownership, how you can find out which aspects of an invention can't be copied without permission from patent holder. She also showed us how patent Documents look like Patent documentation differ from country to country however a high level of standardization makes it easier to retrieve and understand

She also told us that Patents application are published in different languages International Bureau of World Intellectual property (WIPO) publishes international patent application in 10 different languages.

### Day 2, Session X:

**Date:** 7/9/2019

**Time:** 02:45 PM –03:45 PM

**Invitee:** Dr. Rama Murthy

**Dr. S. Rama Murthy,** In his address, he enlightened the students about the intellectual property rights. A right that is had by a person or by a company to have exclusive rights to use its own plans, ideas, or other intangible assets without the worry of competition, at least for a specific period of time. These rights can include **copyrights, patents, plagiarism.**

He explained that, only software cannot be patentable but combination of software and hardware Embedded system cannot be patentable but ideas, mathematical concept which cannot be copy right Eventually Dramatic, audio, videos, music , choreographic, sculptures, recording, Database come under copyright protection and about Economic Rights, Moral Rights. Faculties are author/inventor but owner belongs to College/Organization and author having share of benefits, there are 2 way making money out of it by licence or assignment. If get licence with get money along with ownership but in assignment with get money and lose the ownership. He has given good real examples of Peta & photographer, Google & Oracle. Plagiarism is submitting someone's work as their own work. Taking passages from their own previous work without adding citations (**self-plagiarism**). Re-writing someone's work without properly citing sources. Copy rights are legal one, plagiarism is ethical one.

### Day 2, Session XI:

**Date:** 7/9/2019

**Time:** 03:45 PM –04:30 PM

**Invitee:** Ms. Prabhavathi Rao

In her address, she enlightened the students about IPR Nurture and what has been chances and challenges needed by Academic institutions to go a long way to build IPR. she gave idea and



lookup number of policy by State and Central Govt. that are helping people. She given idea about IT policy, Aerospace policy, Sector policy, Retail policy, forma policy, Agricultural policy, NRI policy, Start up policy, electrical vehicle policy, Bio-Tech policy we must Trickle down from Karnataka start-up policies, she given suggestion to institute showcase IPR-cell, Patents of the college in their website She narrates beautifully about GI [Geographical Indication] tags, Karnataka has 42 GI tags products like special item *Udupi Mattugulla*, *Dharwada Peda*, *Mysore Silk*, *Channaptna Toys*, *Ilakal sarees*, *Kinnal Toys*, *Kollapuri Slippers* etc...all are having more than 500 to 2000 years of history, finally she has given Ethical message to all these belong to us and we must be proud, protect and promote it.

### Day 2, Session XI:

**Date:** 7/9/2019

**Time:** 04:30 PM –05:00 PM

**Panel Discussion on IIIR – 2019**



### Day 3, Session XII:

**Date:** 8/9/2019

**Time:** 09:00 AM –11:00 AM

**Invitee:** Mr. Sundar Sharighar

**Mr. Sundar Sharighar, Assistant Director, MSME, Mangalore.** He joined Micro, Small & Medium Enterprises Development Institute, Ministry of MSME, Government of India, during the



year 2000 after clearing the UPSC. He worked in various states like Karnataka, Goa, Kerala, Meghalaya, etc., for more than 19 years.



Innovation and creativity in the workplace have become increasingly important determinants of organizational performance, success, and longer-term survival. The main aim of the session is to improve Innovation, Creative thinking skills of the students and thereby develop good social relevant projects and to prototype them and help them to find funding/ incubation from Government and Private Sources to start a Start-up or help them to be good innovators. The speaker suggested that innovation and creativity cannot be reduced to a purely intra-individual concept or to the creation of something new and valuable. Instead it should be seen as the interaction between the person and the socio-cultural surrounding. He also insisted creativity as any act, idea or product that changes the existing domain or that transforms an existing domain into a new one. It is important to be able to cultivate this capacity in individuals, groups, communities and organizations. He also said that training in creative thinking leads to improvements in the capacity for problem solving and creativity. Creative potential is higher for those having their IQ determined, linked or confined to a special skill for mathematical and logical thinking.

He also encouraged the students to nurture their innovative ideas to reach the pilot level and to apply them to the Business Incubators, which are organizations that assist innovators to earn



grants to convert their innovations into sustainable and scalable enterprises. The session was concluded by the speaker by answering the queries posed by the participants thereby encouraging them to apply for patents as patents are the good ways to protect our ideas. Fig. depicts the speaker presenting during the session.

### Day 3, Session XIII:

**Date:** 8/9/2019

**Time:** 10:30 AM –11:15 PM

**Invitee:** Dr. Ganesh Mogaveer



In his talk, Dr. Ganesh Mogaveer urges us to rethink urban growth. Sharing lessons from the different architectural marvels with the arch designs and how it has changed the lives of mankind and denounces the “stupid” and consumption-driven ways in which our cities have been expanding. At the end declaring that the future depends on the reorganization of social economic relations in building community of social impact.



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**Day 3, Session XIV:****Date:** 8/9/2019**Time:** 11:30 AM –12:45 PM**Invitee:** Dr. M. S. Nagananda

Dr. M S Nagananda is the Professor at Department of Electronics and Communication Engineering, MITE. Have done vast research at field of Health Care. He spoke about open innovation in health care which approaches of businesses, which form the backbone of recent regional development processes, are closely interlinked with the expanded role of the university and of governmental agencies, as the study shows. In knowledge-based industries, internal centralized approaches to R&D become less important with the increasingly wide-spread realization that useful knowledge is distributed across different industries. Using external innovation is a key factor of competitiveness since not all relevant parts of a business' value chain can be developed internally. Called for developing solutions in the field of neo fetal and Old age people monitoring system.



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**Day 3, Session XV:****Date:** 8/9/2019**Time:** 01:30 PM –02:45 PM**Idea Presentation**

Idea Presentation from the Participants was conducted, the principal objective of event was to enhance students' knowledge with their creative streak and express their ideas. Judged by Mr. Sundar Sherigar and Dr. M S Nagananda. They also gave their view and feedback on Ideas.





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**Day 3, Valedictory Program:****Date:** 8/9/2019**Time:** 02:45 AM –03:30 PM**Valedictory Program**

A valedictory program of three day student employability program on Innovations and Incubations: Ideation to Realization (IIIR-2019) was held on 06th September 2019. The Chief-guest of the function Mr. Sundar Sherigar, Assistant Director, MSME-Mangalore Branch, during his address, he reiterated the need of the time for the innovations. We need to explore the unexplored and develop entrepreneurs for tomorrow. The blue Economy must flourish being sustainable, responsible and profitable. He stated that collaboration and co-ordination is the key to success. Dr. Ganesh Mogaveer, In-charge Principal, Presided the function. Dr. Vinayambika S Bhat, Head, Dept. of ECE carried with Vote of Thanks.



The winners of the Idea Presentation were presented with the certificates and distribution of the participation certification and taking feedback was followed by the event.





### Poster Presentation:

**Date:** 7/9/2019

**Time:** 02:45 AM –03:30 PM

**Valedictory Program**

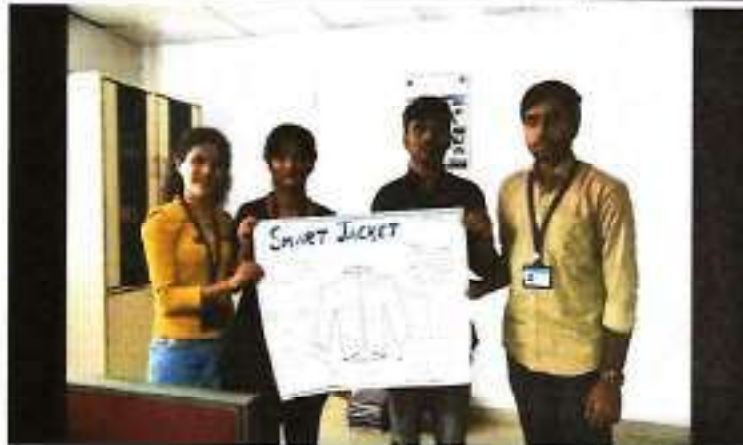
As part of three day workshop **on Innovations and Incubations from Ideation to Realization (IIR-2019)** from 6<sup>th</sup> to 8<sup>th</sup> of September. On this occasion, Poster Presentation session was held on the 2<sup>nd</sup> day of the workshop to encourage the students to present their innovative project ideas. All the departments actively participated in the event and they turned up with their innovative and creative ideas. Across 8 departments, 69 student teams presented their innovative ideas. Table1 represents the number of posters presented by each department.

The panel members evaluated the presentations based on the Organization of poster, Quality of Information, Diagrams and Illustrations, Confidence and Attitude and they also expressed their views on improving the presentation. The best chosen presentation was felicitated at the end of the session. Overall first best idea presentation was bagged by Mechanical Engineering Department (Manish and team) and second best project presentation was bagged by Computer Science Department (Nabhan and team).



Table I: No. of Posters presented by each Department

Sl. No.	Name of the Department	No. of Posters
1.	Aeronautical Engineering	04
2.	Electronics and Communication Engineering	14
3.	Computer Science Engineering	15
4.	Mechanical Engineering	14
5.	Mechatronics Engineering	07
6.	Information Science Engineering	01
7.	Civil Engineering	11
8.	Master of Business Administration	03
9.	<b>Total</b>	<b>69</b>



  
 Head of the Dept. of E & C Engg.  
 Mangalore Institute of Technology & Engineering  
 Badaga Mijar, MOODBIDRI - 574 225





# MANGALORE INSTITUTE OF TECHNOLOGY AND ENGINEERING

(An ISO 9001: 2015 Certified Institution)

(Affiliated to Visvesvaraya Technological University Belagavi)

Badaga Mijar, Moodabidri-574225, Karnataka

## Startup Karnataka's E-StepBootcamp

August 23, 2019

Mangalore Institute of Technology & Engineering (MITE) ceremoniously staged a one-day Boot Camp organized by Startup Karnataka on August 23, 2019 under the 'E-step' initiative in association with the department of IT-BT and S&T in Karnataka, through the Karnataka Innovation and Technology Society (KITS), to empower student start-ups in the state. E-step ventures on the bright, young entrepreneurial minds with boot camps, mentoring and training programs which cover the diverse facets of entrepreneurship. E-Step, an initiative from the Start-up Cell, is specially crafted for students/start-ups/entrepreneurs to understand the basics of entrepreneurship from experienced professionals.



MITE transcends the spirit of entrepreneurship and took pride in facilitating the boot camp event at its Innovation centre with over 150+ registrations. The event witnessed young, passionate students pitching numerous solutions to problems in the form of product, design and



passionate students pitching numerous solutions to problems in the form of product, design and

service. The sessions fostered on the foundational steps to establish an idea, design and implementation, and a business model all set to ignite the next wave of aspiring entrepreneurs. Mr. Abrar Ahmed, Associate in Marketing & Outreach at Startup Karnataka and Mr. Vishnu Nagaraj, a Startup Evangelist and Founder of Carve Startup Labs conducted the Bootcamp at MITE.

The boot camp provided an insight to the participants on the current start-up system giving them an additional leverage throughout the ideation phase where teams will work on various ideas based on problems, competitors and customers. They also worked on product design and marketing. Sessions on product development, sales and customer engagement, business model and creation of a pitch desk, all took centre-stage. The boot camp also included a mock pitch session .



Inauguration of the Bootcamp





Mr. Vishnu, Startup evangelist explaining to the students the Startup canvas



Student teams working on the startup canvas





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**Student teams working on the startup canvas**



**Teams pitching their ideas**

**Mr. Abrar, Marketing Associate,Startup Karnataka addressing the participants**



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The participants of the Bootcamp

  
Manager  
MITE NAIN Incubation Center  
K-Tech Innovation Hub  
Mangalore Institute of Technology & Engineering  
Badaga Mijar, Moodbidri-574225



## E-Step Bootcamp

August 23, 2019

### Participants list

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Miraz Hussain	4mt17me066	mirazhussain1734@gmail.com	8904049305



INNOVATE  
KARNATAKA



Government of Karnataka

K-tech

## CERTIFICATE OF PARTICIPATION

This is to certify that

Abdul Faiz

has successfully participated in the **E-Step Start-up Boot-Camp** conducted on

23-08-2019 in K-tech Innovation Hub NAIN Centre at

Mangalore Institute of Technology and Engineering (MITE), Moodbidri

**Dr. G L Easwara Prasad**

Principal

Mangalore Institute of Technology and  
Engineering (MITE), Moodbidri

**Shri Prashant Kumar Mishra, IAS**

Managing Director

Karnataka Innovation & Technology Society  
Department of IT BT, Govt. of Karnataka







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## EVERY India IDEATHON

August 20, 2019

EVERY India Pvt. Ltd, in association with K-Tech Innovation Center of Mangalore Institute of Technology & Engineering (MITE) hosted a one-day Ideathon at the MITE Campus on August 20, 2019. The Ideathon with its tagline: Think, Create, Re-imagine was a short, intensive, workshop-like experience for students to address some of the most pressing challenges of engineering and services. It was to bridge the gap between problems and problem-solvers.

**EVERY** **IDEATHON**  
think, Create, Reimagine

**DATE:**  
August 10, 2019

**VENUE:**  
Mangalore Institute of Technology & Engineering  
Near Moodabidri,  
Mangalore, Karnataka  
574225

**REGISTRATION:**  
  
bit.ly/ideathon

**ELIGIBILITY:**  
Students currently pursuing B.E, B.Tech from any streams (C.S, E.C, EEE) 2019 Batch - Should have completed 6th Semester are eligible for taking part in Ideathon.

**Hurry! Open for first 50 registrations only**

**Online registrations will start from 12 noon, Tuesday, July 31, 2019 and closes on Monday, August 6, 2019**

**RULES:**

- + Participation in Ideathon event is purely voluntary for all students.
- + Team size should be between 1-4 members only.
- + Team cannot be altered or modified once registered.
- + Each participant can be a part of 1 team only.
- + All participants are requested to work only at allocated work areas, keeping other participants in mind.

**FACILITIES AND ARRANGEMENTS:**

- + Please bring your own devices for the Event - Only Internet and power supply will be provided.
- + Snacks and energy drinks will be arranged at the venue to keep you going.

**Note:** All the rules are applicable to participants of Ideathon and if anyone is found violating, they will be disqualified from participating in this event.

Together EVERY along with MITE aimed at providing a platform where young innovators would propose solutions that are unique and sustainable for the use cases by EVERY India. This Ideathon would had over 20 teams from varied fields of engineering from the 6<sup>th</sup> semester with



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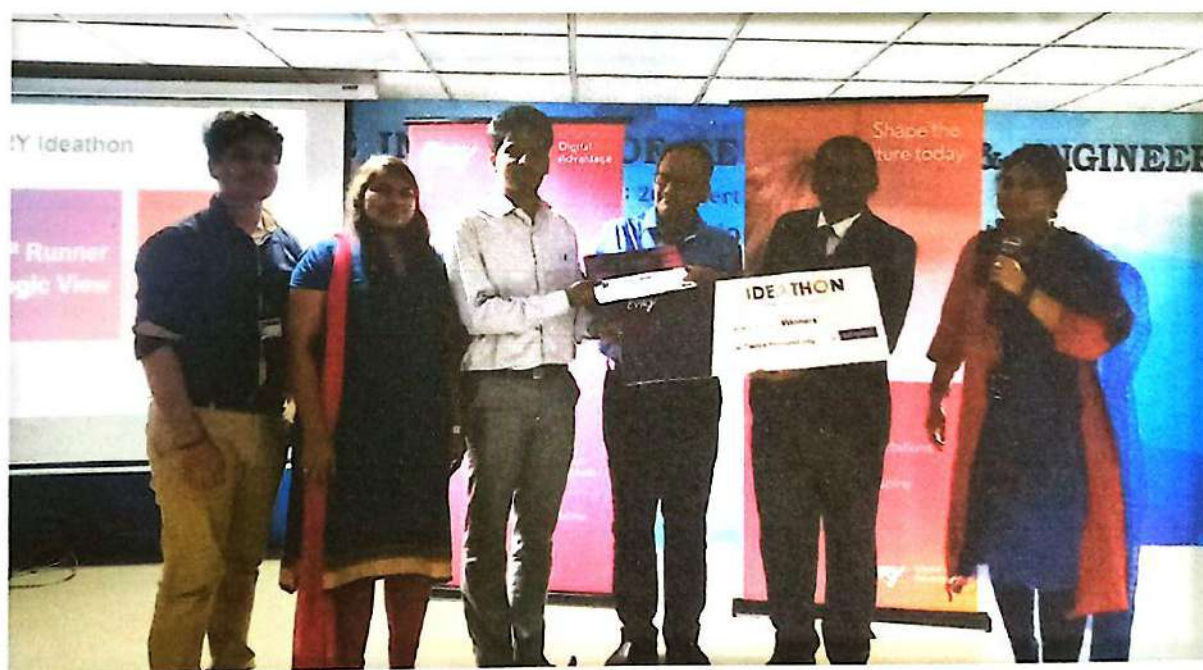
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Badaga Mijar, Moodabidri-574225, Karnataka

a passion for technology, evolve solutions that are disruptive and was a conglomeration of young minds with veterans from Industry. Bringing together the experience and zeal to unleash the best Industry solutions.



Participants along with the organizers



The winning team receiving the award from the EVRY India Team

  
 Manager  
 MITE NAIN Incubation Center  
 K-Tech Innovation Hub  
 Mangalore Institute of Technology & Engineering  
 Badaga Mijar, Moodabidri-574225





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### Winners:

Title Winners- Team Bites and Bytes

1st Runners up - Team Logic View

2nd Runners up – Team NewGen

### About EVERY India:

EVERY India is a wholly owned subsidiary of EVERY, the largest Nordic IT Group. EVERY's global footprint includes office locations across the US, India and group offices in Europe and operates through multiple offshore development centers in Bangalore and Chandigarh, India. EVERY India has formed deep-rooted relationships with global enterprises including Fortune 1000 companies, software firms (ISVs), and tech start-ups. EVERY India focuses on optimizing and aligning clients' IT initiatives with business strategies, reduce cost, and assist clients to reach global markets faster.

  
Manager  
MITE NAIN Incubation Center  
K-Tech Innovation Hub  
Mangalore Institute of Technology & Engineering  
Badaga Mijar, Moodabidri-574225





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## IDEATHON: Think, Create, Re-Imagine

**August 10, 2019**

K-Tech Innovation Center of Mangalore Institute of Technology & Engineering (MITE) in association with EVRY India Pvt. Ltd hosted a one-day Ideathon at the MITE Campus on August 10, 2019. The Ideathon with its tagline: Think, Create, Re-imagine is a short, intensive, workshop-like experience for students to address some of the most pressing challenges of engineering and services. It looks at bridging the gap between problems and problem-solvers.



Together EVRY along with MITE intended at providing a platform where young innovators would propose solutions that are unique and sustainable for the use cases by EVRY India. This Ideathon would have over 26 participants from varied fields of engineering with a passion for technology, evolve solutions that are disruptive. This was a conglomeration of young minds with





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veterans from Industry. Bringing together the experience and zeal to unleash the best Industry solutions. Students of Engineering from streams of CSE, ISE, ECE, and EEE who have completed their 6<sup>th</sup> semester participated. Team size were between 1-4 members.

  
Manager  
MITE NAIN Incubation Center  
K-Tech Innovation Hub  
Mangalore Institute of Technology & Engineering  
Badaga Mijar, Moodabidri-574225



# EVRY IDEATHON

August 10, 2019

## Team registrations

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# **Details of Seminar Conducted**



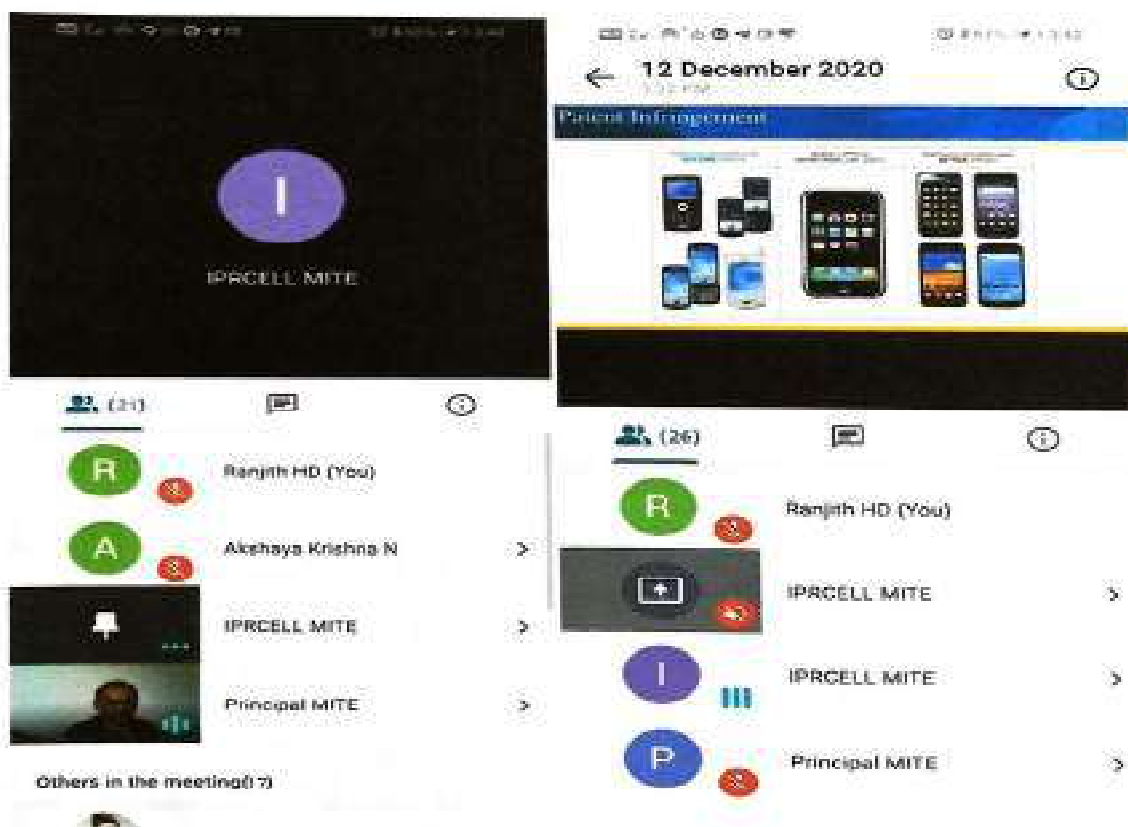
## IP Awareness Program

**Date:** 12<sup>th</sup> December 2020

**Session-:** 3:00PM to 5:00PM

**Speaker:** Ramalingam H M, Convener, IPR Cell MITE

The convener IPR Cell- MITE, Mr. Ramalingam H M conducted a session to give awareness of Intellectual property rights for the faculties of MITE. In that session, he has briefed about Various Intellectual rights, the Patent Process and its timeline, IP infringement, how to identify and avoid IP infringement. Further in the session, the audience gathered knowledge of various Sources and methods to conduct a detailed patent search. A total of 25 faculties attended the program, the mode of the program was google meet.



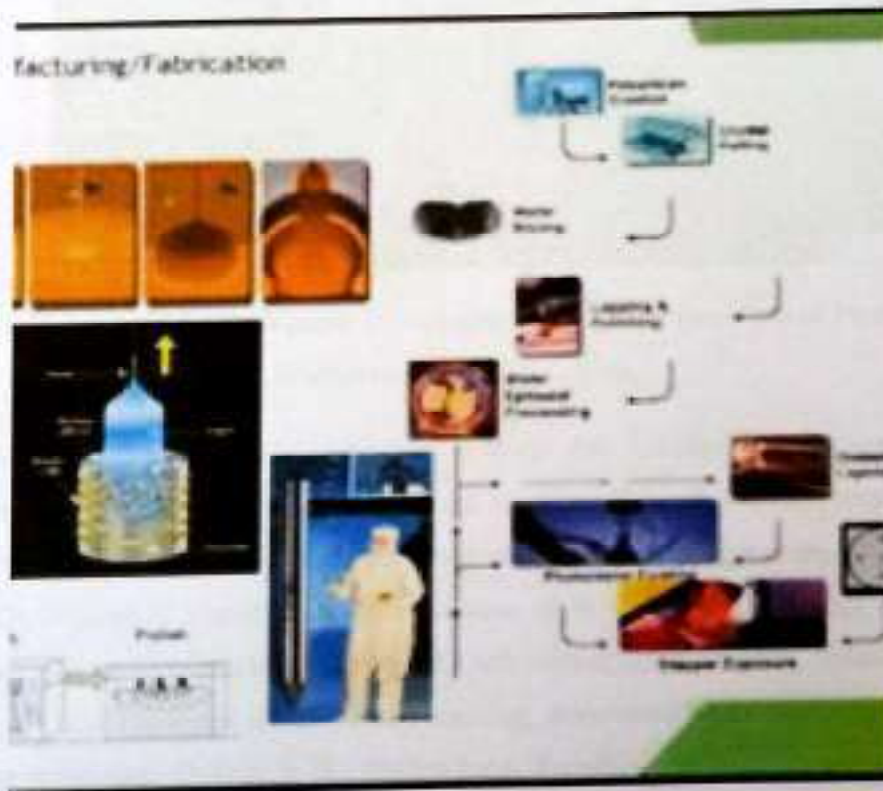
IP awareness Session on google meet

  
**IPR-CELL**  
**Mangalore Institute Of Technology & Engineering**  
**Badaga Mijar,**  
**Moodabidri-574225**



## Webinar on Semiconductors and their Manufacturing Process and Usage in Industry- An Overview

A webinar on "Semiconductors and their Manufacturing Process and Usage in Industry- An Overview" was organized on 25<sup>th</sup> June 2020 by the Department of Mechanical Engineering. Mr. Varun S Gupta, Documentation Engineer/Change Management Engineer, Accrete High Tech Solutions, Bangalore, was the resource person. He explained the various semiconducting fabrication techniques, protocols followed while fabrication of semiconductor devices and fabrication environment. The talk was attended by 120 members that included students, faculties and researchers of the institution.



various semiconducting fabrication techniques, protocols followed while fabrication of semiconductor devices and fabrication environment were explained during the session

*Ravi*  
Head of the Dept. of Mechanical Engg  
Mangalore Institute of Technology & Engineering  
Badaga Mijar, Moodabidri-574225





MANGALORE INSTITUTE OF TECHNOLOGY & ENGINEERING, MOODBIDRI  
DEPARTMENT OF BUSINESS ADMINISTRATION

EVENT: International webinar on Employee retention

Google meet link: <https://meet.google.com/xgp-zown-uxq>

Date: 24/06/2020

1	4MT18MBA01	AISHWARYA SHETTY
2	4MT18MBA02	AKSHATH
3	4MT18MBA03	AKSHAYA B
4	4MT18MBA04	AMRITH DEEPAK
5	4MT18MBA05	ANUSH. A
6	4MT18MBA06	ARCHANA DSOUZA
7	4MT18MBA07	ARCHANA HEGDE
8	4MT18MBA08	ARSHA C
9	4MT18MBA09	ARUN KUMAR K N
10	4MT18MBA10	ASHIK AHMED
11	4MT18MBA11	ASHWINI SHETTIGAR
12	4MT18MBA12	BHANUTHEJA BHAT
13	4MT18MBA13	BHARATH MALLA B
14	4MT18MBA14	BIPIN THOMAS M B
15	4MT18MBA15	CHAITHANYA N M
16	4MT18MBA16	CHAITHRA
17	4MT18MBA17	CHAITHRA KINI T
18	4MT18MBA18	CHRISTINA SWAROOPARANI BARETTO
19	4MT18MBA19	DARSHAN M B
20	4MT18MBA20	DEEKSHA
21	4MT18MBA21	DEEKSHITH
22	4MT18MBA22	DEEKSHITH SALIAN V
23	4MT18MBA23	DEEPA
24	4MT18MBA24	DINSHIN A
25	4MT18MBA25	FLEXON DIAS
26	4MT18MBA26	FRENITA MARLINE DSOUZA
27	4MT18MBA27	GAUTHAM
28	4MT18MBA28	GIRISH
29	4MT18MBA29	HARSHITHA H JATHAN
30	4MT18MBA30	HERINA DSOUZA
31	4MT18MBA31	JEENITH KUMAR SHETTY
32	4MT18MBA32	JOVAN ADAL AROZA
33	4MT18MBA33	JOVITHA LISA PINTO
34	4MT18MBA34	JOYSON GLAN ALVA
35	4MT18MBA35	JYESHTARAJA JOISA



36	4MT18MBA36	KAVYA CHOUTA P
37	4MT18MBA37	KEERTHAN
38	4MT18MBA38	KOTIAN ABHISHEK JAYA
39	4MT18MBA39	KOUSHIK S KUMAR
40	4MT18MBA40	MANEESH V
41	4MT18MBA41	MOHAMMED JUNED
42	4MT18MBA42	NIKESH
43	4MT18MBA43	NIKHITA
44	4MT18MBA44	NISCHAL ALVA
45	4MT18MBA45	NISHAL
46	4MT18MBA46	NISHANTH S
47	4MT18MBA47	NITHIN
48	4MT18MBA48	PONNAMMA KP
49	4MT18MBA49	POOJA S SHETTY
50	4MT18MBA50	PRABHU VIJETHA VITALA
51	4MT18MBA51	PRATHIMA KAMATH
52	4MT18MBA52	PRAYANA A
53	4MT18MBA53	PREETHI DSOUZA
54	4MT18MBA54	PRUTHVI SHETTY
55	4MT18MBA55	RACHANA S KOTIAN
56	4MT18MBA56	RADHIKA
57	4MT18MBA57	RAKSHITHA K
58	4MT18MBA58	RAVI KUMAR
59	4MT18MBA59	RISHIKA
60	4MT18MBA60	SACHIN CS
61	4MT18MBA61	SAGAR
62	4MT18MBA62	SAMHITHA P K
63	4MT18MBA63	SANDESH D SOUZA
64	4MT18MBA64	SANJAY H KAMATH
65	4MT18MBA65	SHANKARADARA G SHETTY
66	4MT18MBA66	SHAYARI VARMA
67	4MT18MBA67	SHEIKH RAYYAN
68	4MT18MBA68	SHIKA ALVA
69	4MT18MBA69	SHILPA
70	4MT18MBA70	SHIVRAJ KUMAR SINGH J
71	4MT18MBA71	SHRAVYA
72	4MT18MBA72	SHREELATHA
73	4MT18MBA73	SHREESHA AITHAL G
74	4MT18MBA74	SHREESHAPRASAD K
75	4MT18MBA75	SHREYANK
76	4MT18MBA76	SHRINATH KULAKARNI



77	4MT18MBA77	SHRINIKETH H PATKAR
78	4MT18MBA78	SIDDESHA T
79	4MT18MBA79	SIDHARTH C
80	4MT18MBA80	SONU PRATHIKSHA DSOUZA
81	4MT18MBA81	SRINATH KS
82	4MT18MBA82	STEEVAN PINTO
83	4MT18MBA83	SUBRAMANYA PRABHU
84	4MT18MBA84	SUJITH WILSON QUADRAS
85	4MT18MBA85	SUNETHRA
86	4MT18MBA86	SUNIL SHIVKUMAR NAYAR
87	4MT18MBA87	SUSHMA
88	4MT18MBA88	SUSHMITHA
89	4MT18MBA89	VAISHNAVI
90	4MT18MBA90	VIJESH KUMAR
91	4MT18MBA91	VIKESH
92	4MT18MBA92	VIOLA PREEMA MACHADO
93	4MT18MBA93	VIVEK.V
94	4MT18MBA94	WILSON FERNANDES
95	4MT18MBA95	YAJNESH
96	4MT18MBA96	YASHASWINI J SHETTIGAR

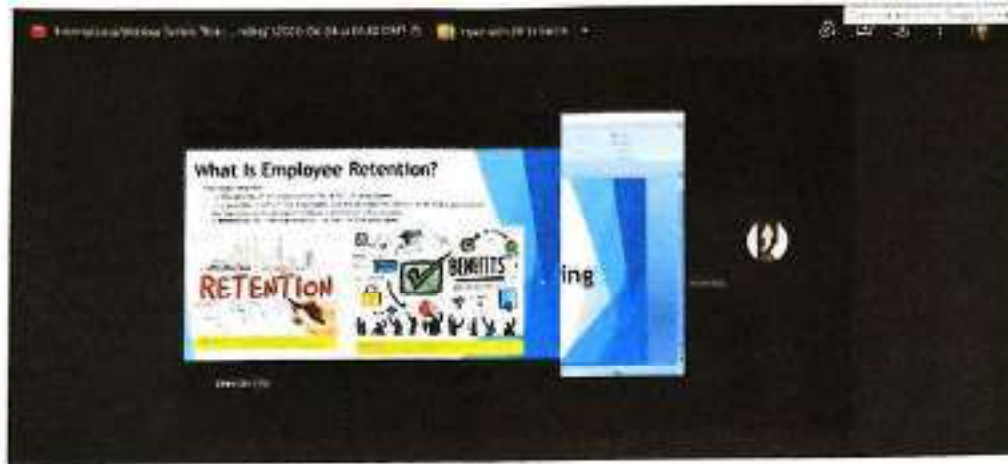
  
 Head of the Department of  
 Master of Business Administration (MBA)  
 Mangalore Institute of Technology & Science  
 F.O. Mijar, MUOD - 575 025  
 MANGALORE, KARNATAKA



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**TALK ON RETENTION & EMPLOYER BRANDING**

*June 24, 2020*

The talk organized by the Finance Club of MBA had Preethi Bala, Change management specialist at ANZ Bank, Melbourne, Australia addressing students about the various facets of Employer branding as well as employee retention strategies.



Ms. Preethi started the session with explanation of the retention and theoretical aspects of the retention. The speaker shared a few experiences from the corporate regarding retention and application of some of the retention concepts in the industry. The details of the factors that affect the retention in an organization were explained in detail during the talk. Later as she spoke about branding, Ms. Preethi said that employer branding is the process of creating and maintaining the company's brand. She also explained the importance of employer branding for retaining their employees. 40% less employees leave companies with strong employer brands after the first 6 months of employment she added pointing at statistics. Around 83% of employees would leave their current firms in case of getting an offer from a firm with a better reputation while 33% of employees who applied through career sites were attracted by high employer branding, she said. The session ended with a question and answer session.

*[Signature]*  
Head of the Department of  
Master of Business Administration (MBA)  
Mangalore Institute of Technology & Engg.  
P.O.Mijar, MOOD NEERI - 574225  
MANGALORE, KARNATAKA





## MANGALORE INSTITUTE OF TECHNOLOGY AND ENGINEERING

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Badaga Mijar, Moodabidri-574225, Karnataka

### Technical talk on Use of Modern Tool in Wire-Arc Additive Manufacturing



Talk was delivered by Dr. Vijeesh V, Associate Professor, Department of Mechanical Engineering, NMAMIT, Nitte.

A technical talk on "Use of Modern Tool in Wire- Arc Additive manufacturing" was conducted on 21<sup>st</sup> Feb 2020 for students and faculties. The talk was delivered by Dr. Vijeesh V, Associate Professor, Department of Mechanical Engineering, NMAMIT, Nitte. Dr. Vijeesh V started with the evaluation of WAAM by taking boat propeller manufacturing as an example and delivered a talk related to the Additive Manufacturing course. He also explained about Virtual welding, Automated WAAM, Different Arc, Welding techniques, Defects in the welded zone. Faculties and students witnessed the session and enriched their knowledge in the field of recent advancements in additive manufacturing and Wire arc Additive manufacturing.

*Rasa*  
Head of the Dep<sup>t</sup> of Mechanical Engg  
Mangalore Institute of Technology & Engineering  
Badaga Mijar, Moodabidri- 574 225



**ELEVATE 100 Mangaluru Edition**

*February 06, 2020*

The MITE NAIN Center partnered with the Government of Karnataka for the Elevate 100 Mangalore Edition Pitch Deck presentation event held on February 06, 2020 at the K-Tech Innovation Hub powered by IKP at Plasma Center, Mangalore.



**Students with the Elevate Mangaluru team**

As part of the event, the students were exposed to the Common Instrumentation facility of IKP, interacted with startups incubated at the Center, and were exposed to the nuances of the operation of an Incubation Center. The event had Mr. Omkar Manjare (Mechatronics Engineering), Mr. Deepak Baburaj (Mechanical Engineering) and Mr. Poornachandra (Aeronautical Engineering) volunteering and leading the startup pitch presentation along with Mr. Glenson Toney, Manager of the MITE Incubation Center. The event had Suchit C V, Manager – Funding and Programs, Startup Cell, Government of Karnataka, Dr. Niranjana U C, Director, Manipal Dot Net Pvt. Ltd., Dr Y Shrihari Upadhyaya, Manipal Universal Technology Business Incubator and Mr. Prajwal – Community Manager – CIF, Mangaluru.



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**Manager**  
MITE NAIN Incubation Center  
K-Tech Innovation Hub  
Mangalore Institute of Technology & Engineering  
Bodaga Mijar, Moodbidri-574225

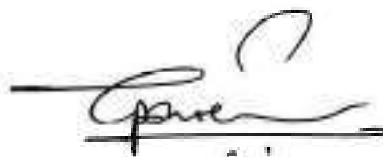


## Technical Talk on Review on Chandrayan Mission

The technical talk on "Review on Chandrayan mission" was organized by the Department of Aeronautical Engineering on 28th September 2019. Prof. E Janardhan Rao, Retd. ISRO Scientist delivered an inspiring talk on the Chandrayan mission. He explained in detail the working of satellites and their functions in mission Chandrayan. The talk also covered future missions of Indian Space Programs, specially Mangalayaana and Chandrayan-2. A total number of 156 enthusiastic faculty and students attended this technical talk.



Talk delivered by Prof. E Janardhan Rao, Retd. ISRO Scientist



Department of Aeronautical Engg.,  
Mangalore Institute of Technology & Engg.,  
P.O. Mijar, Moodabidri - 574225  
Mangalore, Karnataka



The MITE Entrepreneurship Cell in association with the Department of MBA organized the talk on Basics of Direct Tax. Mr. Umesh Rao, Chartered Accountant; Moodabidri addressed the students on residential status by giving examples of Vodafone and Hutch acquisition. He spoke about the size of the yearly budget of the Indian economy of 35 trillion and yearly tax collection of close to 14 lakh crores.



**Mr. Umesh Rao, addressing the students**

He also spoke about different heads of income and corporate tax. He also spoke about the tax as payable by NRI based on the number of days they stay in India. Mr. Umesh Rao also spoke about Cost to Company (CTC), Tax Deducted at source (TDS) and Enforcement directorate (ED).

*Chir*  
Co-ordinator  
Entrepreneurship Development Cell (EDC)  
M.I.T.E. Mijar - 574225





# MANGALORE INSTITUTE OF TECHNOLOGY & ENGINEERING

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Badaga Mijar, Moodbiri, 574129

Department of MBA

Program :

Program: Guest Lecture on Basics of Direct Tax

Date: 21/9/19

Resource Person: Mr Umesh Rao, chartered

Students Attendance Accountant: Pradeep

NAME	USN	SECTION	Signature
Shreesaprasad-K	4MT18MBA76	MR/Fin	Shyela
Ponnammal-K.P	4MT18MBA78	MR/Fin	Shyela
Prabhu Vijetha	4MT18MBA50	MR/Fin	Shyela
Rachana S. Kothan	4MT18MBA55	MR/Fin	Rachana
Jovitha Lisa Pinto	4MT18MBA33	MR/Fin	Jovitha
Chaitra Kirti T	4MT18MBA17	MR/Fin	Chaitra
Shree Latha	4MT18MBA72	MR/Fin	Shree Latha
Druthi	4MT18MBA94	MR/Fin	Druthi
Radhika	4MT18MBA85	MR/Fin	Radhika
Sushmitha	4MT18MBA	MR/HR	Sushmitha
Pratima	4MT18MBA51	MR/Fin	Pratima
VIVEK-V	4MT18MBA93	MR/Fin	VIVEK
CHIDHARTH C	4MT18MBA79	MR/HR	CHIDHARTH
CHAITANYA N.M	4MT18MBA15	MR/Finance	CHAITANYA
Ashwini Bhettigar	4MT18MBA11	M/E	Ashwini
Steven Pinto	4MT18MBA82	M/F	Steven
Luiz da Ferraz	4MT18MBA98	Finance	Luiz
Vide Rama Machado	4MT18MBA72	M/F	Vide
Ashama D'Souza	4MT18MBA06	M/E	Ashama
Koushik S. Kumar	4MT18MBA59	M/F	Koushik
Ashik Ahmed	4MT18MBA10	M/F	Ashik
Heeth	4MT18MBA02	M/F	Heeth
Rachita D'Souza	4MT18MBA53	M/F	Rachita
Tejitha Shetty	4MT18MBA31	M/F	Tejitha
Elson Dias	4MT18MBA85	M/F	Elson
Gautham	4MT18MBA23	M/F	Gautham
Anush A	4MT18MBA05	M/P	Anush
Shayari Varma	4MT18MBA66	HR/M	Shayari
Christina Baretto	4MT18MBA18	HR/M	Christina
Deepa	4MT18MBA23	F/M	Deepa
Shilpa	4MT18MBA69	F/M	Shilpa
Pranita Marlene D'Souza	4MT18MBA26	F/M	Pranita
Sushma Jain	4MT18MBA87	M/F	Sushma
Chaitra	4MT18MBA16	F/M	Chaitra
Nikitha	4MT18MBA43	HR/M	Nikitha
Ninhal Alva	4MT18MBA44	HR/M	Ninhal
Aishwarya Shetty	4MT18MBA41	HR/M	Aishwarya
Shaila Bhatnagar	4MT18MBA17	HR/M	Shaila
Shruthi Sadas	4MT18MBA66	HR/M	Shruthi
Kerthar	4MT18MBA77	HR/M	Kerthar
Yashaswini J. Shetty	4MT18MBA96	HR/M	Yashaswini
Hanshika H. Jathar	4MT18MBA29	HR/M	Hanshika
Sujith Wilson Quadras	4MT18MBA84	Fin/Man	Sujith
Jayson Gnan Alva	4MT18MBA24	Fin/Man	Jayson
Sandeep D'Souza	4MT18MBA63	F/M	Sandeep
Ansham M.B	4MT18MBA19	HR/M	Ansham
Lacka C.P	4MT18MBA60	F/M	Lacka
AMRITH DEEPAK	4MT18MBA04	F/M	AMRITH

Co-ordinator

Entrepreneurship Development Cell (EDC)

M.I.T.E. Mijar - 574225





## Program Report

**Program** : Faculty Awareness Program on Turnitin– A Plagiarism Detection Tool

**Resource Person** : Mr. Akshay Prasanna, Customer success Manager, Turnitin- South Asia

**Date** :20.09.2019

MITE Library, in collaboration with VTU consortium conducted an awareness program on 'Turnitin' – Plagiarism Originality Online Checking/Detection Tool on 20th September 2019 to encourage the usage of the tool by Research Scholars, technologists, faculties and students.



Faculty Awareness Program on Turnitin – A Plagiarism Detection Tool, by Mr. Akshay Prasanna, Customer success Manager, Turnitin- South Asia



The Resource person Mr. Akshay Prasanna, Customer success Manager, Turnitin- South Asia, demonstrated the tool with a presentation and gave guidance on effective usage of the tool. Turnitin being web-based plagiarism detection software provided by Turnitin.com is used to find and indicate the similarity and matching contents in an article in order to check the originality of the article. The tool also incorporates the advantages that it works on and manages potential academic misconduct by highlighting similarities to a repository of internet, academic, and student paper content. Around one hundred and nineteen participants benefited from this program.



**Faculty Awareness Program on Turnitin – A Plagiarism Detection Tool, by Mr. Akshay Prasanna, Customer success Manager, Turnitin- South Asia**





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**WELCOMES**

**Mr.Akshay Prasanna**  
Customer Success Manager, Turnitin - South Asia  
*Turnitin' Plagiarism Originality Online Check*

**Faculty Awareness Session on  
'Turnitin' - Plagiarism Originality Online Checking/Detection Tool**



Poster of Faculty Awareness Program on Turnitin – A Plagiarism Detection Tool



Faculty Awareness Program on Turnitin – A Plagiarism Detection Tool, by Mr. Akshay Prasanna, Customer success Manager, Turnitin- South Asia

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BadagaMijar, Moodbidri-574225

Program: Faculty Awareness Program on Turnitin- A Plagiarism Detection Tool

## Participants Attendance

Date: 29.09.2019

Sl.No	Name	Sign
1	Dr. Anthoni Praveen Menezes	
2	Dr. Raghavendra Sagar	
3	Vijayalaxmi	
4	Vineetha Telma D'Souza	
5	Dr. Nandini G. Nayak	
6	Guruprasad A M	
7	Ashwini A Kamath	
8	Dr. Asha Crasta	
9	Dr. Jyothi S	
10	Dr. Ramarao Y	
11	Anusha	
12	Rashmi Praveen	
13	Ramesh Kumar T H	
14	Shamitha	
15	P Vasavi	
16	Dr. C R Rajashekhar	
17	Dr. Divakara Shetty S	
18	Dr. Neelakantha V Londe	
19	Dr. Lokesh M	
20	Mohan Kumar	
21	Suresh Kumar R	
22	Saviraj A S	
23	Shivaramu H T	
24	Murali K B	





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25	Praveen J Kalamdani	Praveen
26	Dr. Vignesh Nayak Ullal	Vignesh
27	Rahul Sanjiv	Rahul
28	Sridhar D R	Sridhar
29	Purandara Naik	Purandara
30	Girish L V	Girish
31	Vikranth Kannanth	Vikranth
32	Yajnesha P Shettigar	Yajnesha
33	Aveen K P	Aveen
34	Bhanuprakash H S	Bhanuprakash
35	Karthik M	Karthik
36	Rajesh S C	Rajesh
37	Akshay S Bhat	Akshay
38	Shreedhar Aski	Shreedhar
39	Anudeep Rao P	Anudeep
40	Ganesh Raj Urs G P	Ganesh
41	Gajanan M Naik	Gajanan
42	Gautam S Shetty	Gautam
43	Sudeep N S	Sudeep
44	Mayur A Shetti	Mayur
45	Sathyanarayana	Sathyanarayana
46	Ashwini T P	Ashwini
47	Rumana Ali	Rumana
48	Sharath D	Sharath
49	Kirankumar M V	Kirankumar
50	Glenson Toney	Glenson
51	Akshaya D Shetty	Akshaya
52	K Praveen Shenoy	K Praveen
53	Dr. Ganesha Mogaveera	Dr. Ganesha





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54	Umesh S S	
55	Dr. Jayaprakash M C	
56	Yashwanth M K	
57	Mohana H S	
58	Vinod G	
59	Sagar S	
60	Darshan M M	
61	Suraj M Shet	
62	Roopa Laxmi Yerdoor	
63	Sushmitha G S	
64	Avinash	
65	Shashikumar S B	
66	Akshaya Krishna N	
67	Anusha Jain	
68	Supreetha Y L	
69	Dr. Venkatramana Bhat P	
70	Annappa Swamy D R	
71	Shreekumar T	
72	Ravinarayana B	
73	Ashwin Kumar M	
74	Manjunatha A S	
75	Padmashree G	
76	Sunil Kumar S	
77	Krishna Moorthy K	
78	Guru Prasad	
79	Sandeep Kumar S	
80	Jyothi G N	
81	Sumalatha U	
82	Shivaprasad T K	



83	Kokila R	
84	Sunitha N V	
85	Jeevitha Sampath	
86	Suma K	
87	Manjunath H	
88	Narendra U P	
89	Ramananda Malliya K	
90	Raghavendra M D	
91	Jayashree Hegde K	
92	Sagar Ramesh Pujar	
93	Shruthi D	
94	Rajesh N kamath	
95	Pallavi S	
96	Dr. Vinayambika S Bhat	
97	Dr. M S Nagananda	
98	Sri Krishna Shastri C	
99	Sathisha	
100	Ganesh V N	
101	Swapna Srinivasan	
102	Pushparani M K	
103	Dony D'Souza	
104	Ramalingam H M	
105	Taranath H B	
106	Laxmi Gulappagol	
107	Uday J	
108	Vaishali P	
109	Sanjeevi Kumar	
110	Sahana Devali	
111	Padma Prasad	





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112	Ranjith H D	
113	Bhargavi Kamalaksha Rao	
114	Anjani	
115	Ajay Princeton Pinto	
116	Rishma Mary George	
117	Sumith Shetty	
118	Nischitha	
119	Dr. G Purushotham	
120	Yathin K L	
121	Praneeth H R	
122	Sujesh Kumar	
123	Ajith Kumar	
124	Akhila Rupesh	
125	Adarsh Krishnamurthy	
126	Vishwaretha K R	
127	Naresh D C	

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**INDUSTRIAL RELATIONS AND ITS IMPORTANCE IN  
CORPORATE SECTOR**

*September 03, 2019*

The MITE Entrepreneurship Cell in association with the Department of MBA organized the talk in Industrial Relations and Mr. Srinivas Rai, General Manager – HR in Himatsingka Seide, Doddaballapur was the resource person for the interactive session. He spoke about communication skills, the right voice modulation that an IR aspirant must hold. He also informed that, there is a scarcity of good quality Industrial relations professionals in the market.

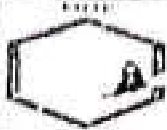


**Mr. Srinivas, addressing the students**

Mr. Srinivas Rai said that Industrial Relations are a complex and integral part of any industry. It helps employees from exploitation by the employer and he also spoke about various types of management approaches for tripartite and bipartite agreements. He discussed the need for negotiations, factors influencing the negotiations & characteristics of successful negotiators. He also discussed the revision of labour laws and wage code 2019.

  
Co-ordinator  
Entrepreneurship Development Cell (EDC)  
M.I.T.E. Mijar - 574225





# MANGALORE INSTITUTE OF TECHNOLOGY & ENGINEERING

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Dodurga Kallur, Mangaluru, 574129

Program:

Industrial B.E.

Department of MIA  
Program: Sp. A. Final Year

03/09/2019

Date:

Resource Person: Mr. Chandra Reddy

Students Attendance

NAME	UID	SECTION	Signature
S. Suresh Kumar	19MB000001	B	Suresh
Sudhakar	19MB000002	B	Sudhakar
S. Suresh	19MB000003	B	Suresh
S. Suresh	19MB000004	B	Suresh
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Coordinator  
Entrepreneurship Development Cell (EDC)  
M.I.T.E. Mijar - 574225



*August 20, 2019*

Mr. Mohammad Azzan Patni, Director, Pace Wisdom Solutions Pvt. Ltd., spoke to students on 'Life of an Entrepreneur' in the event organized by the MITE NAIN Incubation Center. Mr. Azzan an Alumnus of MITE is the Director of PWS which currently has over 150 employees and development offices in Bangalore, Chicago, MITE Incubation Center and IKP KTech Innovation Hub.



**Mr. Mohd. Azzan Patni addressing the students**

Mr. Mohd. Azzan spoke to students about the ventures they started as students for website development and how it failed due to lack of planning, proper time and business strategies. He spoke about the difficulties in convincing people and family about their business plans, how they as a team worked at grassroot levels to ensure they build a brand of trust. He pointed out that it is predominantly important for an entrepreneur to face the challenges and keep evolving in the process. Understanding the customer requirements and constant interactions with them is crucial for the success of any product he added. He also discussed the importance of choosing

  
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**TALK ON LIFE OF AN ENTREPRENEUR**

**MITE NAIN CENTER**

20-Aug-19

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