

3.2.2 Conference/Workshops/Seminars Conducted on Research Methodology, Intellectual Property Rights (IPR) & Entrepreneurship for the academic year 2017-18

| Conference | | | | |
|------------|-------------------------------|---|--------------------------------------|----------|
| Sl. No. | Date | Activity | List of Enclosure | Page No. |
| 1 | 02.03.2018 & 03.03.2018 | International Conference on “Advances in Manufacturing, Materials and Energy Engineering” (Icon MMEE 2018) | Brochure | 47-54 |
| | | | Report | 55-56 |
| | | | Sample Certificate | 57 |
| | | | Index Page of Conference Proceedings | 58-67 |
| | | | News Paper Report of the event | 68 |



MANGALORE INSTITUTE OF TECHNOLOGY AND ENGINEERING

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(Affiliated to Visvesvaraya Technological University Belagavi)

Badaga Mijar, Moodabidri - 574225, Karnataka

| Workshop | | | |
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| Sl. No. | Date | Activity | Page No. |
| 2 | 20.06.2018 | Startup workshop-All that you wanted know about Start-ups | 268-272 |
| 3 | 24.02.2018 | Startup Summit 2018–Ideathon | 273-276 |
| 4 | 23.02.2018 & 24.02.2018 | Smartathon - A 24 Hours Hackathon on Smart Technology | 277-279 |
| 5 | 09.02.2018 & 10.02.2018 | Two days workshop on Sales force | 280 |
| 6 | 03.01.2018 & 04.01.2018 | Workshop on Development of sustainable smart cities: Perspectives on Engineering Challenges | 281-286 |
| 7 | 07.10.2017 to 09.10.2017 | Lean Six Sigma Yellow belt certification Program | 287-288 |
| 8 | 21.09.2017 to 23.09.2017 | Entrepreneurship Awareness Camp DST-NIMAT Project 2017-18 | 289-302 |
| 9 | 30.08.2017 to 01.09.2017 | Entrepreneurship Awareness Camp DST-NIMAT Project 2017-18 | 303-315 |



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| Seminar | | | |
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| Sl. No. | Date | Activity | Page No. |
| 10 | 01.03.2018 | Innovative Research Methods | 358 |
| 11 | 27.02.2018 | Let's Talk : Igniting the Entrepreneur in you | 359-363 |
| 12 | 24.02.2018 | Talk on Artificial Intelligence - CHATBOTS | 364-367 |
| 13 | 12.02.2018 | Talk on looking beyond Engineering | 368-371 |
| 14 | 09.02.2018 | Talk on Entrepreneurship | 372-376 |
| 15 | 14.10.2017 | Technical talk on Shape Memory Alloys | 377 |

Details of Conference Conducted



Jointly Patronize

International Conference on Advances in Manufacturing, Materials & Energy Engineering



ICon MMEE - 2018

2nd & 3rd March 2018 | Venue: MITE Campus

Organized By

**Department of Mechanical Engineering
Mangalore Institute of Technology & Engineering**

(An ISO 9001:2008 Certified Institution)

(A Unit of Rajalaxmi Education Trust (R), Mangalore)

Affiliated to VTU, Belagavi and approved by AICTE, New Delhi
Badaga Mijar, Moodbidri - 574 225, D.K., India

In Association with



LOCAL CAFET - INNOVA Technical Society
MITE, Mangalore Chapter

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About Mangalore Institute of Technology & Engineering (MITE)

Mangalore Institute of Technology & Engineering (MITE) was established in the year 2007 by Rajalaxmi Education Trust® to fulfill the growing needs of the industry and aspirations of young students of Dakshina Kannada District and other parts of the country. In the world of opportunities for success, education plays a paramount role in moulding, shaping and preparing the youngsters to face the challenges that the future has in store for them. At MITE, we believe that education is the manifestation of perfection in a human being and we insist on the development of the most needed human values and ethics in our students.

The institution has received an in-kind software grant from SIEMENS PLM software, a Center of Excellence (COE) for Digital Design, Digital validation & Digital Manufacturing. The value of software granted to the institute is around US \$79 million. BOSCH-REXORTH has instituted a regional center for competence for automation technologies which has been functioning for the past five years. The preparations to setup the Nano Science & Technology Research Center (NTRC) at MITE is going on at the moment.

MITE is located amidst lush greenery and a serene ambience in Moodbidri. The MITE campus spreads over an area of 74 acres in the sylvan surroundings near Mijar en route to Karkala. Integrating modern design, construction technology and eco-friendly techniques, the campus provides the right setting to the students for effective learning. The institute has a world class infrastructures and state-of-the-art lab facilities. It offers 7 UG and 7 PG courses, viz:

UG Programmes - Bachelor of Engineering

- Aeronautical Engineering
- Civil Engineering
- Computer Science & Engineering
- Electronics & Communication Engineering
- Information Science & Engineering
- Mechanical Engineering
- Mechatronics Engineering

PG Programmes - Master of Technology

- Computer Science & Engineering
- Computer Network Engineering
- Digital Electronics & Communication
- Mechatronics
- Machine Design
- Nanotechnology
- VLSI & Embedded System Design

MBA Programmes

- Banking & Finance
- Finance
- Human Resources Management
- Marketing

Research Centers

- Civil Engineering
- Computer Science & Engineering
- Electronics & Communication Engineering
- Mechanical Engineering
- Chemistry
- Mathematics
- Physics



About Binghamton University

Binghamton University, is a public research university with campuses in Binghamton, Vestal, and Johnson City, New York, United States. Since its establishment as Triple Cities College in 1946, the school has evolved from a small liberal arts college to a large doctoral-granting institution. Presently consisting of seven colleges and schools, it is now home to more than 17,250 undergraduate and graduate students. Binghamton is one of the four university centers in the State University of New York (SUNY) system.

Binghamton University is ranked 8th Best Public University and 15th overall amongst '25 Best Value Colleges 2016' by Forbes Magazine. Binghamton has been ranked by U.S. News & World Report 2017 as one of the top 50 Public Universities for 18 consecutive years. Currently, the University is executing and planning several projects to accommodate growth in the student body, research capacity and quality of education. The university is designated as an advanced research institution, with a division of research, an independent research foundation, several research centers including a New York State Centre of Excellence and partnerships with other institutions. In the fiscal year 2016, the university had research expenditures of US \$ 39.8 million.

Binghamton University students, both undergraduate and graduate, work one-on-one with exceptional faculty and ground-breaking scholars. They take advantage of special academic opportunities like combined degrees, foreign language study groups and an unparalleled international education program.

Host Department

The Department of Mechanical Engineering, which has been with the MITE campus from its inception, has shown immense growth throughout and is known for strong interaction with industries and R&D organization. The department offers UG and PG programmes in Mechanical Engineering. In addition to the basic engineering sciences, it sets out to provide a strong base in computer applications in the integration of various activities like part design, production and analysis, process planning, production planning, controls & systems engineering, industrial automation, process engineering and management principles. The department has a full-fledged facility to impart quality education in the domain of mechanical engineering. The department faculties are keenly involved in research and academic activities and publish their articles regularly in journals and conferences of both national and international repute. Students of the department are constantly involved in innovative research projects and have secured prestigious awards at state and national levels.

Conference Objectives

Advanced mechanical science has registered an exponential growth in the recent years. The need of the hour of the materials and design professionals, is to keep abreast with the pace of the latest Research & Developments in their respective fields. The purpose of this conference is to focus on practical solutions for emerging sustainability issues in Mechanical Engineering, through renewable and alternative energy systems, novel concepts in manufacturing & maintenance engineering, nanotechnology, design engineering etc. This Conference provides a unique forum for engineers and scientists from academic/ research laboratories/ institutions/industries to meet and share the technical information on new developments in the field of Mechanical Engineering. It is a premier and appropriate forum for the presentation, exchanging and sharing of the new advancements, approaches and research results in the most relevant areas which will enhance and benefit the society at large.



Organising Council

Chief patrons

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Conference Theme

The International Conference addresses key topics and issues related to Mechanical, Industrial Production, Automobile and Aeronautical Engineering. It will be presented in a program of Technical Sessions, Panel Discussions, and Keynote Speeches. Potential themes to be addressed in this conference include the following areas but are not limited to :

- Mechanical Design and Manufacturing
- Sustainability and Energy Conservation
- Advanced Manufacturing Technology using CAD/CAM/CIM
- Modeling, analysis, & simulation of manufacturing processes
- Manufacturing Planning and Management
- Maintenance Engineering
- Industrial Materials & Processes
- Composite materials
- Solar Power & Bio-Fuel Technology
- Nano-Materials and Manufacturing
- Wind, Wave, Hybrid Energy System
- Optimization Techniques
- Automation and Robotics
- Mechanics of Materials for Technology
- Aircraft Structures & Propulsion
- Aerodynamics & Avionics

Target Audience

Energy Company Strategists, Project Developers, Renewable Energy Associations, Entrepreneurs, Government and Regulatory Bodies, Environmental Organisations, Energy Technology Innovators, Maintenance Engineering Experts, CAD/CAM/CIM specialist, Manufacturing Professionals, Academicians, Researchers and Students

Call for Papers

Authors are required to send a soft copy of the abstract (not exceeding 250 words) of their original research work through mmee2018@mite.ac.in on or before 26th October 2017 in the format available at <http://conferenceseries.iop.org>. For more information visit our website

www.miteconference.org. Upon acceptance, the authors have to submit the full paper on or before the last date in the format available at <http://conferenceseries.iop.org>. The final oral presentation will be based on the Peer Review Process.

Publications

We hope that you will join us at MITE campus in March 2018, to share your ideas and explore new ones, to learn and to be inspired as educators.

- All accepted papers will be published in **Scopus Indexed IOP Conference Series Proceedings, IOP Publishing Ltd, United Kingdom.**
- The registered corresponding author and/or co-authors will get conference paper publication certificates.
- Authors will get the soft copies (CD/DVD) of the Conference Proceedings Volume.

Best Paper Award

One best paper selected by the Session Chair from each technical session during the conference will be awarded the Certificate of Appreciation. The decision of Chair is final.

Important Dates

| | |
|----------------------------|--|
| Abstract submission | : 26 th October 2017 |
| Abstract acceptance | : 02 nd November 2017 |
| Full paper submission | : 22 nd December 2017 |
| Acceptance of full paper | : 22 nd January 2018 |
| Last date for registration | : 02 nd February 2018 |
| Conference date | : 2 nd and 3 rd March 2018 |

Participation & Registration Details:

| | |
|------------------------------|------------|
| Overseas participants | : USD 100 |
| Industry participants | : INR 6000 |
| Academician | : INR 5000 |
| Research Scholars & Students | : INR 4500 |



Payments Details

All payments are to be made through NEFT to the following account:

Name of beneficiary : Chief Coordinator MITE Seminars
and Workshops

Account number : 114901011001148

Name of the bank : Vijaya Bank

IFSC code : VIJB0001149

SWIFT code : VIJBINBBMLR

The registration fee includes Delegate Kit, Conference Materials and Lunch on conference days.

Please mail the participants details at: mmee2018@mite.ac.in

Name :

Department :

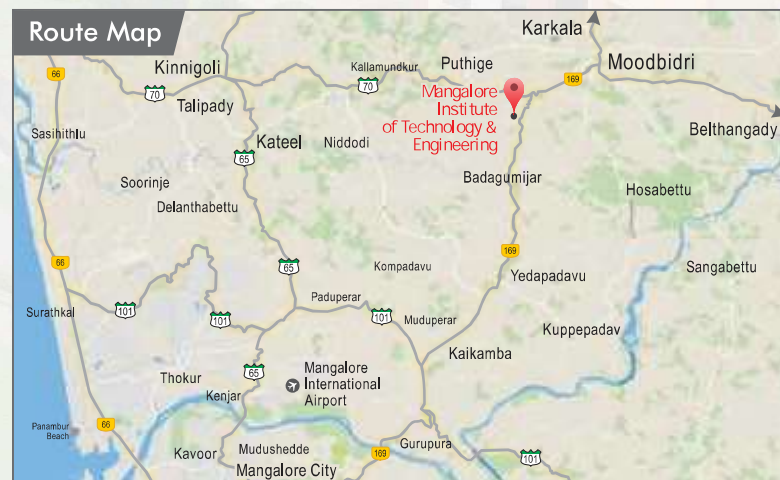
College/Organization :

Payment details :

Paper ID :

Accommodation Facility

The accommodation for participants will be provided at nominal charges in the Guest House or Hostel on twin sharing basis depending on availability. Accommodation will be coordinated upon request at nearby lodges.



Sponsorship details

The conference provides a unique opportunity to industries and organizations to sponsor this mega event and showcase their product to both international and national delegates.

Platinum sponsors: ₹ 1,00,000/-

- Logo in the website and souvenir
- Color advertisement on back page of the souvenir
- One exhibition stall
- Free registration for five delegates

Sponsors: ₹ 75,000/-

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- One exhibition stall
- Free registration for four delegates

Technical sponsors: ₹ 50,000/-

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- One exhibition stall
- Free registration for three delegates

For further information contact

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Dr. C R Rajashekhar, Prof & Head
Department of Mechanical Engineering & Vice Principal, MITE
Mangalore Institute of Technology and Engineering,
Mob : +91 9008 530 758
Email : mmee2018@mite.ac.in /
hodmec@mite.ac.in

Organizing Secretary

Dr. M Loksha, Professor
Department of Mechanical Engineering,
Mangalore Institute of Technology and Engineering,
Mob : +91 9632 352 437
Email : mmee2018@mite.ac.in /
loksha@mite.ac.in



BINGHAMTON
UNIVERSITY
STATE UNIVERSITY OF NEW YORK



International Conference on Advances in “Manufacturing, Materials and Energy Engineering” (ICon MMEE 2018)



Conference was inaugurated by Dr. Krishnaswami (Hari)Shrihari, Dean and Professor,
Binghamton University – State University of New York

The international conference on “Advances in Manufacturing, Materials and Energy Engineering” (ICon MMEE 2018) was jointly organized by Department of Mechanical Engineering, Mangalore Institute of Technology & Engineering, Moodbidri and Binghamton University, New York, during the 2nd and 3rd March 2018. The event brought together various domain experts, academicians and researchers from academic institutions and industries with the objective of keeping abreast about the recent trends in research and development in the diversified fields of Mechanical Engineering. Dr "Krishnaswami ‘Hari’ Shrihari, Dean and Professor, Binghamton University – State University of New York has inaugurated the



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International Conference. In his inaugural address, he threw light on the need to integrate the knowledge of compartmentalized disciplines such as materials, manufacturing, energy engineering etc. so as to achieve rapid technological progress. He also emphasized on the fact that entrepreneurship in India has its genesis in establishment of banking institutions by quoting the major banks in the region. The inaugural ceremony was followed by keynote addresses from Dr Krishnaswami (Hari) Shrihari, Dr K P Ramachandran, Associate Dean(Postgraduate Studies & Research), Caledonian College of Engineering, Muscat, Sultanate of Oman, Dr Paul R Chiarot, Associate Professor, Binghamton University, State University of New York, Dr. Mohammad T Khasawneh, Professor and Chair, Systems Science & Industrial Engineering, State University of New York at Binghamton and Dr Shuichi Torii, Professor, Kumamoto University, Japan.



International Conference proceedings volume released by Dr. Krishnaswami Shrihar

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

MANGALORE INSTITUTE OF TECHNOLOGY & ENGINEERING
Department of Mechanical Engineering



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Certificate of Appreciation


Presented to

Prof./[✓]Dr./Mr./Mrs. Neelakanth V. Londe

in recognition of your contribution for successfully organising the
International Conference on
Advances in Manufacturing, Materials and Energy Engineering (ICon MMEE - 2018)
held at Mangalore Institute of Technology and Engineering (MITE), Moodbidri
on 2nd & 3rd March, 2018


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Organizing Secretary


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Dr. G L Easwara Prasad
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| | | | |
|------------------------|--|---|---|
| Full conference title: | International Conference on Advances in Manufacturing, Materials and Energy Engineering-2018 , 2nd & 3rd March 2018,MITE, Moodbidri, Karnataka India | | |
| PDF file names | First author surname | Topic heading (if required). All papers in the section need to be grouped together. | Article title |
| 0001_IConMMEE2018.pdf | Kumar | Thermal Engineering | Effect of combustion geometry on combustion, performance and emission characteristics of CI engine using simarouba oil methyl ester |
| 0002_IConMMEE2018.pdf | Nagesh | Thermal Engineering | Injection timing effect on the Performance of Diesel Engine Fueled With Acid Oil Methyl Ester |
| 0003_IConMMEE2018.pdf | Bedi | Thermal Engineering | Experimental Augmentation of Heat Transfer in a Shell and Tube Heat Exchanger using Twisted Tape with baffles and hiTrain Wire Matrix Inserts – A Comparative Study |
| 0004_IConMMEE2018.pdf | Gurani | Thermal Engineering | Experimental Investigation on IC Engine using Alternate Fuels for Material Compatibility of Piping and Fitting system |
| 0005_IConMMEE2018.pdf | Sharath | Thermal Engineering | Heat transfer numerical simulation and optimization of heat sinks |
| 0006_IConMMEE2018.pdf | Bhambare | Thermal Engineering | Decentralised stand alone Multi Effect Desalination (MED) system using fixed focus type Scheffler concentrator for the remote and arid rural regions of Sultanate of Oman |
| 0007_IConMMEE2018.pdf | Manu | Thermal Engineering | Effect of Cooling Water on the Performance of Lithium Bromide–Water (LiBr–H ₂ O) Absorption Based Heat Pump. |
| 0008_IConMMEE2018.pdf | Tadalagi | Thermal Engineering | Smoke emission levels for CI DI Engine using blends of combinations of Biodiesel and Diesel fuel |
| 0009_IConMMEE2018.pdf | Bhambare | Thermal Engineering | Brine heat recovery unit for Multi Effect Desalination (MED) system based on Scheffler Concentrator using shell and coil heat exchanger. |
| 0010_IConMMEE2018.pdf | Lohith | Thermal Engineering | Influence of various parameters on pressure drop during flow condensation in pipe Using Taguchi Approach |
| 0011_IConMMEE2018.pdf | Kumar | Thermal Engineering | Impact of Bio-diesel fuel on Durability of CI Engines – A Review |

| | | | |
|-----------------------|-----------|---------------------|--|
| 0012_IConMMEE2018.pdf | Kinnal | Thermal Engineering | Investigation on performance of diesel engine by using waste chicken fat biodiesel |
| 0013_IConMMEE2018.pdf | Kumar | Thermal Engineering | Entropy generation study of TiO ₂ nanofluid in microchannel heat sink for Electronic cooling applications |
| 0014_IConMMEE2018.pdf | Patil | Thermal Engineering | Experimental Investigation of Enhancing the Energy Conversion Efficiency of Solar PV cell by Water Cooling Mechanism |
| 0015_IConMMEE2018.pdf | Mukram | Thermal Engineering | Thermal analysis of PCM integrated building blocks for passive cooling application |
| 0017_IConMMEE2018.pdf | Koti | Thermal Engineering | Performance, exhaust emission and combustion characteristics of Titanium Oxide coated variable compression ratio diesel engine fuelled with mixed milk scum and sunflower oil as biodiesel |
| 0018_IConMMEE2018.pdf | Deepak | Thermal Engineering | Biomass: Turning Agricultural Waste to Green Power |
| 0019_IConMMEE2018.pdf | Sandeep | Thermal Engineering | Experimental studies on Effect of Nano Particle blended Bio-diesel Combustion on Performance & Emission of CI engine |
| 0020_IConMMEE2018.pdf | Jatadhara | Thermal Engineering | Assessment on performance and emission parameter of diesel engine using waste plastic oil used as a fuel |
| 0021_IConMMEE2018.pdf | Shetty | Thermal Engineering | Wind power optimization: A comparison of Meta-Heuristic algorithms |
| 0022_IConMMEE2018.pdf | Aditya | Thermal Engineering | Design and development of Solar Stirling Engine for power generation |
| 0023_IConMMEE2018.pdf | Rai | Thermal Engineering | Comparison of modelling techniques to be used as an Objective function in optimization techniques |
| 0024_IConMMEE2018.pdf | Singh | Thermal Engineering | Experimental study of biogas production using starch-rich food waste at pilot scale |
| 0025_IConMMEE2018.pdf | Kumara | Thermal Engineering | Humidification dehumidification desalination using solar collectors |
| 0026_IConMMEE2018.pdf | Upadhyaya | Thermal Engineering | Thermodynamic analysis of organic Rankine cycle with Hydrofluoroethers as working fluids |
| 0027_IConMMEE2018.pdf | Kadam | Thermal Engineering | Transient heat transfer characterization of imaging hot/cold jets by analytical |

| | | | |
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| | | | IHCEP |
| 0028_IConMMEE2018.pdf | Basavarajappa | Thermal Engineering | Performance and emissions characteristics of a CNG-Biodiesel dual fuel operation of a single cylinder four stroke CI engine |
| 0029_IConMMEE2018.pdf | Amruth | Thermal Engineering | Optimization of mixed base catalyst in the production of Fish oil Biodiesel using Response Surface Methodology (RSM) |
| 0030_IConMMEE2018.pdf | Kulkarni | Thermal Engineering | Understanding boundary layer suction and its effects on wings - A review |
| 0031_IConMMEE2018.pdf | Nayak | Thermal Engineering | Development of low cost solar dryer for Oman conditions |
| 0032_IConMMEE2018.pdf | Babu | Thermal Engineering | Numerical study on performance characteristics of multihole orifice plate |
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| 0035_IConMMEE2018.pdf | Ramalah | Thermal Engineering | Solar Thermal Energy Utilization for Medium Temperature Industrial Process Heat Applications - A Review |
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| 0041_IConMMEE2018.pdf | Naik | Manufacturing Engineering | Mode I Fracture characterization of Banana fibre reinforced polymer Composite. |
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| 0043_IConMMEE2018.pdf | Patil | Manufacturing Engineering | A Review on Influence of Various Technological Processes on Mechanical Properties of Aluminum Alloys |
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| 0046_IConMMEE2018.pdf | Somashekar | Manufacturing Engineering | Design of low Reynolds number airfoil for Micro aerial vehicle |
| 0047_IConMMEE2018.pdf | Kumar | Manufacturing Engineering | Study on mechanical and cryogenic properties of Carbon Epoxy composites |
| 0048_IConMMEE2018.pdf | Daniel | Manufacturing Engineering | Performance Evaluation of Nano Additives and Surfactants on the properties of Electroless Nickel Phosphorous Coating on Aluminium – Magnesium Alloy |
| 0049_IConMMEE2018.pdf | Nagendhra | Manufacturing Engineering | Workability Study on Austempered AISI 1018 |
| 0050_IConMMEE2018.pdf | Prashanth | Manufacturing Engineering | Vibration Analysis of Natural Hybrid Composites by Experimental Approach |
| 0051_IConMMEE2018.pdf | Jain | Manufacturing Engineering | Effect of Almandine on Microstructure and Corrosion properties of Nickel super alloy (K500) Composite for Aerospace Gas Turbine Application |
| 0052_IConMMEE2018.pdf | Shelikeri | Manufacturing Engineering | Development of Neem based Bioplastic for food packing application |
| 0053_IConMMEE2018.pdf | Ravi | Manufacturing Engineering | Effect of surface treatment on Natural fibres composite |
| 0054_IConMMEE2018.pdf | Binod | Manufacturing Engineering | Biological synthesis and characterization of tri-metallic alloy (Au Ag, Sr) nanoparticles and its sensing studies |
| 0055_IConMMEE2018.pdf | Mokashi | Manufacturing Engineering | Synthesis and characterization of nano Strontium Ferrite and its hall effect studies |
| 0056_IConMMEE2018.pdf | Varsha | Manufacturing Engineering | Conceptual design of high performance unmanned aerial vehicle |
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| 0058_IConMMEE2018.pdf | Vinod | Manufacturing Engineering | Study on Two Body Abrasive Wear Behaviour of Carboxyl Graphene Reinforced Epoxy Nanocomposites |

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| 0061_IConMMEE2018.pdf | Mutalikdesai | Manufacturing Engineering | Fabrication and Mechanical Characterization of Glass fibre reinforced Epoxy Hybrid Composites using Fly ash/ nanoclay/ Zinc oxide as filler |
| 0062_IConMMEE2018.pdf | Sharma | Manufacturing Engineering | Intelligent avionics system onboard an aircraft enhancing communication |
| 0063_IConMMEE2018.pdf | Deshkulkarni | Manufacturing Engineering | Humidity sensing using Polyaniline/Polyvinyl alcohol nanocomposite blend |
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| 0067_IConMMEE2018.pdf | Arunkumar | Manufacturing Engineering | Wear Behaviour and Microstructure Analysis of Al-7075 alloy reinforced with Mica and Kaolinite |
| 0068_IConMMEE2018.pdf | Karthik | Manufacturing Engineering | A Study on Fatigue Characteristics of Al-SiC Metal Matrix Composites Processed Through Microwave Energy |
| 0069_IConMMEE2018.pdf | Dayananda | Manufacturing Engineering | A Study on Compressive Strength Attributes of Jute Fiber Reinforced Cement Concrete composites |
| 0070_IConMMEE2018.pdf | Bindusara | Manufacturing Engineering | A Study on Mechanical Properties of Symmetrical and Asymmetrical Woven Jute Fiber Composite Polymer |
| 0071_IConMMEE2018.pdf | Manjunatha | Manufacturing Engineering | Effect of amount of boron carbide on wear loss of Al6061 matrix composite by Taguchi technique and response surface analysis |
| 0072_IConMMEE2018.pdf | Hallad | Manufacturing Engineering | Graphene reinforced natural fibre (Henquin) nano composites for structural application |
| 0073_IConMMEE2018.pdf | Sajjan | Manufacturing Engineering | Development and characterization of Silicon Carbide incorporated Graphene Amine-based Polymer nanocomposites for structural applications |
| 0074_IConMMEE2018.pdf | Hallad | Manufacturing | Kevlar reinforced Polymer matrix composite for structural applications |

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| | | Engineering | |
| 0075_IConMMEE2018.pdf | Joshi | Manufacturing Engineering | A comparative study of mechanical properties of as cast and heat treated Al6063-MWCNT composite fabricated by stir casting process |
| 0076_IConMMEE2018.pdf | Mohan | Manufacturing Engineering | Smart turn indicators |
| 0077_IConMMEE2018.pdf | Naveen | Manufacturing Engineering | Role of Graphene oxide and addition of MoS ₂ in HDPE matrix for improved tribological properties |
| 0078_IConMMEE2018.pdf | Sajjan | Manufacturing Engineering | Preparation of Polymer electrolyte Hydrogels using Poly(Vinylalcohol) and Tetraethylorthosilicate for battery applications |
| 0079_IConMMEE2018.pdf | Bekal | Mechatronics and Materials engineering | Review on materials processing through microwave energy |
| 0080_IConMMEE2018.pdf | Mendonca | Mechatronics and Materials engineering | Influence of Aluminium Oxide nanoparticles in a compression ignition engine with Simarouba biodiesel |
| 0081_IConMMEE2018.pdf | Mahadev | Mechatronics and Materials engineering | A review on production of Aluminium metal foams |
| 0082_IConMMEE2018.pdf | Bhanupratap | Mechatronics and Materials engineering | Morphological study of the flexural behaviour of nanoclay filled Jute/Kevlar reinforced Epoxy hybrid composite |
| 0083_IConMMEE2018.pdf | Karthik | Mechatronics and Materials engineering | Study and analysis of torque handling capacity of slot headed grub screw |
| 0084_IConMMEE2018.pdf | Sagar | Mechatronics and Materials engineering | Effect of solutionizing and ageing on hardness of Aluminum Im13-MgO particulate metal matrix composite |
| 0085_IConMMEE2018.pdf | Varma | Mechatronics and Materials engineering | The effect of TiC on microstructure and mechanical properties of AA 2024 MMCs |
| 0086_IConMMEE2018.pdf | Alok | Mechatronics and Materials engineering | Experimental study on vapor adsorption refrigeration system with Carbon-Methanol pair |
| 0087_IConMMEE2018.pdf | Shetty | Mechatronics and Materials engineering | Detection of intruders in wear houses using infrared based thermopile sensor array |
| 0088_IConMMEE2018.pdf | Madhusudhana | Mechatronics and Materials engineering | Experimental study on fracture toughness of natural fibres reinforced hybrid composites |
| 0089_IConMMEE2018.pdf | Kumar | Mechatronics and Materials engineering | A study on diesel engine using waste cooking oil with biotic additive |

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|-----------------------|-------------|--|--|
| 0090_IConMMEE2018.pdf | Khandal | Mechatronics and Materials engineering | Effective utilization of waste heat from engine exhaust gas for preheating the fuel to enhance the performance of diesel engine |
| 0091_IConMMEE2018.pdf | Manjunatha | Mechatronics and Materials engineering | Investigations on mechanical behavior of Al7075 - nano B4C composites |
| 0092_IConMMEE2018.pdf | Kulkarni | Mechatronics and Materials engineering | Conductivity measurements of transition metal doped mixed Alkali Bismuth Borate glasses |
| 0093_IConMMEE2018.pdf | Huddar | Mechatronics and Materials engineering | Experimental investigations on electrical heat-assisted drying of Cashew Kernels |
| 0094_IConMMEE2018.pdf | Sankar | Mechatronics and Materials engineering | Suspension design and testing of an all-terrain vehicle using multi-body dynamics approach. |
| 0095_IConMMEE2018.pdf | Venkatesh | Mechatronics and Materials engineering | Comparative investigations on Al7075 MMC reinforced with wt. %6 Al ₂ O ₃ and B4C |
| 0096_IConMMEE2018.pdf | Kumaraswamy | Mechatronics and Materials engineering | Effect of stirring parameters on microstructure and mechanical properties of Aluminum hybrid metal matrix composite |
| 0097_IConMMEE2018.pdf | Kumar | Mechatronics and Materials engineering | Study on the effect of varying volume fraction on mechanical properties of coconut shell powder reinforced Epoxy matrix composites |
| 0098_IConMMEE2018.pdf | Santosh | Mechatronics and Materials engineering | A review: Mechanical properties of hss steel by deep cryo-treatment |
| 0099_IConMMEE2018.pdf | Harish | Mechatronics and Materials engineering | Impact of ball burnishing process parameters on surface integrity of an Aluminium 2024 alloy |
| 0100_IConMMEE2018.pdf | Ramesha | Mechatronics and Materials engineering | A study on mechanical properties of Al-17 Si metal matrix composites. |
| 0101_IConMMEE2018.pdf | Naik | Mechatronics and Materials engineering | Design of effective hydraulic braking system for formula motorsport car. |
| 0102_IConMMEE2018.pdf | Ramesh | Mechatronics and Materials engineering | Design of efficient powertrain system for a motorsports race car using a bike engine. |
| 0103_IConMMEE2018.pdf | Ali | Mechatronics and Materials engineering | Fuel cells- a signpost to future |
| 0104_IConMMEE2018.pdf | Bellubbi | Mechatronics and Materials engineering | Reduction in through put time of drum shell manufacturing by single-v welding configuration |
| 0105_IConMMEE2018.pdf | Somashekhar | Mechatronics and Materials engineering | Study of mechanical properties of coconut shell powder and Tamarind shell powder reinforced with Epoxy composites |

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| 0106_IConMMEE2018.pdf | Kumar | Mechatronics and Materials engineering | A review on deterioration of mechanical behaviour of high strength materials under corrosive environment |
| 0107_IConMMEE2018.pdf | Naik | Mechatronics and Materials engineering | Effect of 1,2,3 Benzotriazole on the corrosion of aged 18Ni 250 grade maraging steel in Phosphoric acid solution |
| 0108_IConMMEE2018.pdf | Kharusi | Design engineering | Electrically operated multipurpose trolley |
| 0109_IConMMEE2018.pdf | Kumar | Design engineering | Vibration based fault diagnosis techniques for rotating mechanical component: review paper |
| 0110_IConMMEE2018.pdf | Kumar | Design engineering | Review on condition monitoring of bearings using vibration analysis techniques |
| 0111_IConMMEE2018.pdf | Nandini | Design engineering | Structural behavior of non-prismatic Mono-symmetric beam |
| 0112_IConMMEE2018.pdf | Patel | Design engineering | Teaching learning based optimization of squeeze casting process for quality castings |
| 0113_IConMMEE2018.pdf | Kulkarni | Design engineering | An experimental study of use of Fly ash (type-C & type-F) for shell moulding |
| 0114_IConMMEE2018.pdf | Jayaraj | Design engineering | Robotics in construction industry |
| 0115_IConMMEE2018.pdf | D'Mello | Design engineering | Surface roughness prediction in high speed turning of Ti-6Al-4V: A comparison of techniques |
| 0116_IConMMEE2018.pdf | Naik | Design engineering | The benefits of energy efficiency in small and medium enterprises |
| 0117_IConMMEE2018.pdf | Pai | Design engineering | A study on usage of total productive maintenance in selected SMEs |
| 0118_IConMMEE2018.pdf | Raghavendra | Design engineering | Optimization of surface roughness in turning Operation in machining of Ti-6Al-4V (Titanium grade -5) |
| 0119_IConMMEE2018.pdf | Addamani | Design engineering | Estimation and comparison of welding performances in p- GMAw using MRA and ANN for SS 304l material |
| 0120_IConMMEE2018.pdf | Gurupavan | Design engineering | Machine vision system for correlating wire electrode status and machined surface in WEDM of AISi3N4 MMC's |
| 0121_IConMMEE2018.pdf | Khavkar | Design engineering | Analysing the need for a comparative study of Shainin doe and traditional doe tools for deploying Six-sigma in Indian manufacturing companies |
| 0122_IConMMEE2018.pdf | Deshmukh | Design engineering | A combined approach for supplier selection using AHP and fuzzy AHP in Indian gear manufacturing MSMEs |

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|-----------------------|-------------|--------------------|--|
| 0123_IConMMEE2018.pdf | Ramesh | Design engineering | Advancements in the research of 4D printing-a review |
| 0124_IConMMEE2018.pdf | Ramesh | Design engineering | Energy efficient hydraulic clamping system using variable frequency drive in a CNC machine |
| 0125_IConMMEE2018.pdf | Shaikh | Design engineering | Review and analysis of issues related to the implementation of knowledge management practice in Indian automotive SMEs |
| 0126_IConMMEE2018.pdf | Rishi | Design engineering | Implementing the lean framework in a small medium enterprise (SME) - a case study in a printing press |
| 0127_IConMMEE2018.pdf | Vishwas | Design engineering | Effect of machining parameters on surface integrity during dry turning of AISi 410 Martensitic stainless steel |
| 0128_IConMMEE2018.pdf | Gadad | Design engineering | Fabrication and development of magnetically actuated PDMs Micropump for drug delivery |
| 0129_IConMMEE2018.pdf | Shettigar | Design engineering | Electrical energy amplifying generator |
| 0130_IConMMEE2018.pdf | Singh | Design engineering | Genetic algorithm approach for optimizing surface roughness of near dry EDM |
| 0131_IConMMEE2018.pdf | Mahesh | Design engineering | Finite element wear behavior modeling of super duplex stainless steel using ANSYS |
| 0132_IConMMEE2018.pdf | Ugrasen | Design engineering | Estimation of machining performances using GMDH and ANN in wire EDM of Cu-1Cr-0.1Zr alloy |
| 0133_IConMMEE2018.pdf | Vishwanatha | Design engineering | Modeling and prediction of surface roughness in Ti-6Al-4V turned surfaces: use of DTCWT image fusion and GLCM |
| 0134_IConMMEE2018.pdf | Prabhu | Design engineering | Multi response optimization of friction stir welding process variables using TOPSIS approach |
| 0135_IConMMEE2018.pdf | Niranjana | Design engineering | Design and analysis of vertical pressure vessel using ASME code and FEA technique |
| 0136_IConMMEE2018.pdf | Prabhu | Design engineering | Optimisation of machine parameters to improve the quality of continuously cast slab |
| 0137_IConMMEE2018.pdf | Manjunath | Design engineering | Vibration analysis of Polytetrafluoroethylene (PTFE) deep groove ball bearing |
| 0138_IConMMEE2018.pdf | Satish | Design engineering | A Comparative Study of Energy Consumption Pattern and Environmental Impact in Residential Sector of Indian Cities |

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| 0139_IConMMEE2018.pdf | Amith | Design engineering | Synthesis and Characterization of Polyvinylpyrrolidone(PVP) Nanofibrous Thin Films |
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Rasane
 Head of the Dept. of Mechanical Engg.
 Mangalore Institute of Technology & Engineering
 Badaga Mijar, MOODBIDRI - 574 225

SATURDAY 03.03.2018

'Integrate knowledge of different disciplines'

ENS@ Mangaluru

AN international conference on 'Advances in Manufacturing, Materials and Energy Engineering' (ICon MMEE 2018) jointly organised by Department of Mechanical Engineering, Mangalore Institute of Technology & Engineering, Moodbidri and Binghamton University, New York was inaugurated at MITE campus, Moodbidri near here on Friday.

Dr Krishnaswami (Hari) Shrihari, Dean, Binghamton University - State University of New York who inaugurated the conference, stressed the need to integrate the knowledge of compartmentalised disciplines such as Materials, Manufacturing, Energy Engineering etc. so as to achieve rapid technological progress. Also, he emphasised on the fact that entrepreneurship in India has its genesis in establishment of banking institutions by

quoting the major banks in the region.

Rajesh Chouta, Chairman, Rajalaxmi Education Trust, Mangaluru, who presided over the function stressed on the roles played by conferences in exchange of knowledge and technological advancements through interactions between researchers from different parts of the globe.

Dr G L Easwar Prasad, Principal, MITE briefed on the roadmap to success of the institution over a decade since its inception. A release said MITE has signed a Memorandum of Agreement with Binghamton University, New York in 2016. The two institutions agree to foster advancement in teaching, research, academic, collaboration and cultural understanding and to create avenues for enhancing learner experience at both entities, as well as strengthen both entities.

Details of Workshop Conducted

START-UP WORKSHOP

“All that you wanted to know about start-ups”

June 20, 2018

A one day workshop was organized at MITE titled “ALL THAT YOU WANTED TO KNOW ABOUT START-UPS” on 20-06-2018 in the college auditorium. Mr. Mayur Shetty, Founder & CEO, Blackfrog Technologies Pvt. Ltd. Mr. Donson D' Souza, Co-founder & COO, Blackfrog Technologies Pvt. Ltd. Mr. Avinash Thakur, Co-founder Unotrack & NIDHI Entrepreneur In Residence and Co-founder of Aviadi Fin-tech. Mr. Vaibhav Thacker, Founder of Automated Farming Project & NIDHI Entrepreneur In Residence were the resource persons.



Inauguration of the Workshop



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The workshop began with the first session which was carried out by Mr. Vaibhav Thacker. During this session the focus was on the idea generation and brain storming. The students are asked to develop various features for a product through brain storming.

The various sessions of the workshop were as follows:

| Time | Sessions |
|-------------------|---|
| 9 am to 10am | Registration, Introduction and getting to know the students (Ideas, Backgrounds, aspirations and life goals) |
| 10 am to 10:30 am | Our Entrepreneurship Journey so far |
| 10:30 am to 11 am | Introduction to Entrepreneurship <ul style="list-style-type: none">● Opportunity Analysis● Markets, Finding the need & planning process |
| 11 am to 1 pm | Ideation/Creativity Task |
| 2pm to 3 pm | Launching Your startup & Growth Strategies <ul style="list-style-type: none">● Building your team● Branding and Marketing strategy● Business Model● Common Pitfalls● Business Plan & Breakeven Analysis● Financing |
| 3pm to 3:45pm | Information on government schemes and financing opportunities for budding entrepreneurs and Address by Incubation Manager |
| 3:45 pm to 4 pm | Conclusion & final remarks |

The guest speaker Mr. Avinash emphasized on the opportunity scanning and analyzing the opportunities under different circumstances. The students were made into 10 groups and they were asked to select a product or service and develop a new innovative product or service with unique features along with feasibility study.



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In the post lunch session students presented the innovatively developed products/services and the discussions were took place about the feasibility of the product or services developed by them.

Mr. Donson Dsouza, explained in detail the various funding available for the new start- ups and the way how one can approach venture capitalist or the angel investors.

Mr. Mayur Shetty, one of the resource persons spoke about building a team for the smooth functioning of the start-up which is into discussion. The team should consist of people from various key areas such as finance, marketing or technical areas.

Incubation Center Manager interacted with the students and spoke about the various opportunities that students have. He also outlined the different schemes that the college has, NAIN and MSME Incubation Programs through which students can give wings to their dreams and kickstart their entrepreneurial journey.

The workshop concluded with the students' feedback about the programme. Prof. Jayadeva Prasad thanked the resource persons for their presence and gave away the mementoes as token of appreciation from the department of MBA, MITE.

During this one day workshop all faculty members were present and took active participation during the various sessions.

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Mr. Mayur Shetty addressing the students



Students interacting with the resource person

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Students pitching in their start- up ideas with the audience



Students with the Resource persons



Manager

MITE NAIN Incubation Center

K-Tech Innovation Hub

Mangalore Institute of Technology & Engineering

Badaga Mijar, Moodbidri-574225

STARTUP SUMMIT 2018 – IDEATHON

February 24, 2018

The Third edition of the Startup Summit was conducted at Mangalore Institute of Technology and Engineering, Moodabidri on February 24th. The event is conducted every year with an objective to stimulate the young graduates of today to evolve as Innovators and Entrepreneurs by inviting prominent leaders from the industry and also towards provide them the perspectives of Entrepreneurial ventures. The event was co-hosted by MITE New Age Incubation Network and IEEE MITE Student Branch. Mr. Ajith Kumar, General Manager, Digital Technologies & IoT, ITC Infotech inaugurated the Summit.



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Moodabidri, Mangalore, PIN: 574225

MITE MANGALORE

IEEE MITE STUDENT BRANCH

presents

START UP SUMMIT 2018

Feb 23rd - 24th 2018

Inauguration & Key Note Address



Mr. Ajith Kumar P.N
General Manager - Digital Technologies & IoT

Feb 24th 9:30am
Venue : Auct 2

SMARTATHON
a 24 Hour Hackathon on SMART Technologies



Associate Partners



Technology Partner 

Feb 23rd 1:00pm - Feb 24th 1:00 pm
Venue : Computer Center, II Floor, Main Block

IDEATHON
Final Showdown of best Ideas to get funded

Panel Members



Feb 24th 10:00am
Venue : Placement Center, III Floor

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The summit involved Ideathon Contest, where shortlisted 30 Student Innovative ideas were judged by Senior Industry Leaders. A total of 126 ideas were submitted in the initial round in November 2017, of which after 30 best Projects were reviewed.

The Panel Members included Dr. U C Niranjana, Director, Manipal Dot Net, Mr. Raviprasad Upadhyaya, Chartered Engineer and Govt. Regd valuer, Premier Associates, Mr. Raghavendra Ganiga, CEO, Mobiezy. Mr. Mohan T, Director, Pace Wisdom Solutions, Mr. Harsha D J, Technical Architect, HCL India, Mr. Yedu Krishnan, director, Tachus Technology Pvt Ltd, Mr. Arun Bhat and Mr. Shazad Maved, Director, MindStack. The initiatives are planned to bring in an entrepreneurial eco system in institution.



Inauguration of Startup Summit 2018

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Students presenting their ideas to the panel at Ideathon



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

STARTUP SUMMIT 2018 – IDEATHON

Feb 24th 2018

Participants of the Pitch presentation:

| # | Name of the team leader | E-mail |
|----|--------------------------|------------------------------|
| 1 | ASMA KAUSAR KHAN | asmikausarkhan19@gmail.com |
| 2 | Poornachandra S Goudar | Poornachandra Goudar |
| 3 | MANISH C POOJARI | manishcpoojari1997@gmail.com |
| 4 | Varnasi Jain M | varnasijainm@gmail.com |
| 5 | JITHIN C JOSEPH | jithinc.jc@gmail.com |
| 6 | JERIN RAJAN | jerrirajan844@gmail.com |
| 7 | Ashish S K | ashishbajrsk@gmail.com |
| 8 | B.S MADHUMURTHY | madhumurthybs1998@gmail.com |
| 9 | Vinoth C M | vinothcm97@gmail.com |
| 10 | GAUTHAM B M | bantirigaautham@yahoo.in |
| 11 | Bharath H.R. | bharuthhr555@gmail.com |
| 12 | Ninadha Venugopal | Ninadha Venugopal |
| 13 | Dhruv A Godhani | Dhruv Godhani |
| 14 | Chethan | chethan shetty |
| 15 | S Sakshi Vikneswar | s.sakshi vikneswar |
| 16 | MADHUSHREE K | Madhu Gowda |
| 17 | TEJAS M RAO | Tejas Rao |
| 18 | CLYDE SHELTON BANGERA | Clyde Shelton |
| 19 | Felrina Rodrigues | Felrina Rodrigues |
| 20 | Rahul Vishwanath Poojary | Rahul Poojary |
| 21 | MANJUNATHA | ganigant9@gmail.com |
| 22 | Shrudhar Ramesh Ranji | lamsayshana77@gmail.com |
| 23 | LAMYA SUHANA | Sanath Krishna |
| 24 | M SANATH KRISHNA | pradeepmshettigar@gmail.com |
| 25 | Shivaraaj | shivaraaja7@gmail.com |
| 26 | Naren M | narenmanat123@gmail.com |
| 27 | Joel Serrao | joelserrao729@gmail.com |


Manager
MITE NAIN Incubation Center
K-Tech Innovation Hub
Mangalore Institute of Technology & Engineering
Redaga Mija, Moodbidri-574223



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SMARTATHON - A 24 HOUR HACKATHON ON SMART TECHNOLOGIES

February 23 & 24, 2018

The NAIN Incubation Center of MITE organized SMARTATHON: A 24 Hour Hackathon on Smart Technologies on the 23rd and 24th of February 2018. The hackathon had four major themes for students: Smart Home, Smart City(Agriculture/Air/Water/traffic etc.), Smart Wearable, Intelligent Systems. The Hackathon was powered by Novigo Solutions, Mobiezy, Pace Wisdom Solutions and NammaKaravali. The participating companies intended to extend job offers/internships/mentorship to students.

The Ideation Phase from February 5th to 15th witnessed 51 individual registrations which were evaluated and 12 teams were shortlisted for Solution Refinement. The 12 student teams from MITE participated in the 24 hour event from 13.00hrs on 23rd February 2018 to 13.00hrs on 24th February 2018 where they designed, developed and demonstrated their solutions in the stipulated problem areas. The participants worked on formulating solutions on traffic congestion, machine learning, web development, energy generation from piezoelectric materials. The solutions proposed by the teams are being validated by the expert panel for their ideation, innovation and feasibility.

Online Link: mite.hackerearth.com



Students participating in the 24 hour Hackathon

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



MITE
MOODAHIDRI



NAIN
NATIONAL ACADEMY OF INNOVATION AND NURTURING



MITE
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MITE – NAIN INCUBATION CENTER

Are You Ready for the Challenge... ???

SMARTATHON

a 24 Hour Hackathon on SMART Technologies February 23rd – 24th 2018

THEME :

Smart Home

Smart City
Agriculture/Air/Polluter
Traffic/Medical etc

Smart Wearable

Intelligent Systems

| | |
|---|--|
| Feb 5 th – 15 th | Solution Ideation : Pick any 1 theme and build your idea around a potential solution and submit your executive summary along with supporting documents & kits that you want to use |
| Feb 16 th – 17 th | Evaluation & Shortlisting |
| Feb 17 th – 20 th | Solution Refinement : If your idea is shortlisted, Your team moves to the 2nd round where you would be expected to build and concretize your idea |
| Feb 23 rd – 24 th | SMARTATHON : Design, Develop & Demo |

To Register Contact : Mr. Glenison Toney, Manager, NAIN IC

Participating Companies for Job/Internship/Mentorship



Namma Karavali
Namma Karavali is a platform for Namma Karavali to showcase their talent and skills.



mobiezy



NAMMA KARAVALI
Namma Karavali is a platform for Namma Karavali to showcase their talent and skills.

Organizing Partner



IEEE MITE
MANGALORE INSTITUTE OF TECHNOLOGY & ENGINEERING


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

SMARTATHON - A 24 Hour Hackathon on Smart Technologies

Feb 23rd – 24th 2018

Participants

| Name | Email |
|--------------------|-------------------------------|
| sravan kumarmal | sravankml11@gmail.com |
| AKSHAY P D | akshay03419972@gmail.com |
| Vishal Tp | vencherotkin@gmail.com |
| kiran JD | kiranjd8@gmail.com |
| Achal R Poonja | achalpoonja@gmail.com |
| ashish sk | ashishhajjask@gmail.com |
| Aniruddha Bairi | anirudhabairi97@gmail.com |
| muhammad junaid | junaid1460@gmail.com |
| jerrin rajan | jerrinrajan944@gmail.com |
| Bhagya Rishi | bhagya.rishi1@gmail.com |
| K P VISHAL KUMAR | vk17vk17@gmail.com |
| Amogh A Rao | amoghanirao97@gmail.com |
| Suchithra | suchiv1997@gmail.com |
| Nisha Prasad | prasadinisha97@gmail.com |
| Akhil Vinayak | akhil.the.vinayak@gmail.com |
| Adithya Dinesh | adithyadinesh123@gmail.com |
| Akhil Thomas | akhilthomas805@gmail.com |
| shibily123 | shibilyshukoor@gmail.com |
| Joy Dsouza | joydsouza3780@gmail.com |
| Praneeth R K | praneethrk17@gmail.com |
| Niranjana malya | niranjanaalya5@gmail.com |
| Ashritha | ashu.d1996@gmail.com |
| malya niranjan | niranjanaalya5@gmail.com |
| K S Ajay Shenoy | ajaysshenoy32@gmail.com |
| abhilash jain | abhilashjain1583@gmail.com |
| Akshitha Shettigar | akshithagshettigar@gmail.com |
| Nikhitha | nikhithaspoorani@gmail.com |
| Nisha | nishar1598@gmail.com |
| Deeksha Kotian | deekshahkotian@gmail.com |
| Anusha R | anushar1828@gmail.com |
| govind s rathod | govindrathod097@gmail.com |
| Kaushik A Kiran | kaushikkiran.mlr@gmail.com |
| Rakshith S Hegde | rakshithhegde3956@gmail.com |
| Harvin Sequeira | harvinsequeira@gmail.com |
| Megha S Nayak | meghanayak3013@gmail.com |
| Divyashree Shetty | divyashreesetty2108@gmail.com |
| Darshan Ka | darshankiran.jrv22@gmail.com |
| Ekanath Gopinath | ekan1996@gmail.com |
| Aswin Ganesh | aswin.azhikode@gmail.com |
| anandhuraajith | anandhuraajith@gmail.com |



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TWO DAYS WORKSHOP ON SALES FORCE

February 09, 2018 & February 10, 2018

The NAIN Incubation Center in association with IEEE MITE Student Chapter organized a two days workshop on Salesforce-Introduction and CRM Concepts. The Two days workshop was conducted by Mangalore Salesforce Group. The workshop had introductory concepts of CRM and had hands on session through the two days. The workshop was attended by 35 students from Computer Science and Information Science Engineering.



Students with the Resource persons from Salesforce



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presents workshop on
'Salesforce – Introduction and CRM Concepts'



Date: 9th & 10th Feb 2018


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

INTERNATIONAL WORKSHOP
ON
**Development of Sustainable Smart Cities:
Perspectives on Engineering Challenges**

DoSS - PEC : 2018

3rd & 4th January 2018



MITE
Mangalore

Organised by

**Department of Civil Engineering
MANGALORE INSTITUTE OF TECHNOLOGY & ENGINEERING**

In Association With



*Karnataka State Pollution Control Board
Udupi*



*IPECAL-CAPEE - INNOVIA Technical Society
MITE, Mangalore Chapter*

**DEPARTMENT OF CIVIL ENGINEERING
MANGALORE INSTITUTE OF TECHNOLOGY & ENGINEERING**

*(An ISO 9001:2008 Certified Institution)
A Unit of Rajalaxmi Education Trust*

(Affiliated to the Yashwantrao Chavan Pratishthan (VTU), Belagavi, Karnataka)

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

Badaga Mijar, Moodabidri - 574225 Ph. 08256-262695 to 99

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MANGALORE INSTITUTE OF TECHNOLOGY AND ENGINEERING

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(Affiliated to Visvesvaraya Technological University Belagavi)

Badaga Mijar, Moodabidri-574225, Karnataka

Development of Sustainable Smart Cities: Perspectives on Engineering Challenges

International workshop on “Development of Sustainable Smart Cities: Perspectives on Engineering Challenges” has been organized by the DEPARTMENT OF CIVIL ENGINEERING at MANGALORE INSTITUTE OF TECHNOLOGY AND ENGINEERING, Moodbidri, DakshinaKannada from 3rd to 4th January, 2018.

Two days International workshop was organized by the Department of Civil Engineering in association with Karnataka State Pollution Control Board, Udupi and Local CAFET-INNOVA Technical Society, MITE.

The workshop was inaugurated by Chief guest Dr. Krishna R Reddy Professor of Civil & Environmental Engineering, UNIVERSITY OF ILLINOIS, CHICAGO. Prof. G. R. Rai, Advisor, MITE, Dr. G. L. Easwara Prasad, Principal, MITE, Dr. Ganesh Mogaveera, HOD, Civil engineering department, MITE, Dr. Jayaprakash M.C, Organising Secretary were also present for the inauguration ceremony.

Dr. Krishna R Reddy Professor, UNIVERSITY OF ILLINOIS, CHICAGO focused on glimpse of smart cities and mentioned that organising this kind of workshop is a privilege to the younger generation. He also mentioned that, smart cities are a buzz word and the concept of smart cities helps in improving the quality of life and environment. To achieve quality of life we need smart technologies. He emphasised on the fact that, this topic is the emerging topic in India, infact in the world.

Dr. S Neelamani, Professor, Kuwait Institute for Scientific Research, KUWAIT delivered a key note address on Engineering Challenges for the sustainable development of Marine infrastructures with special reference to smart cities. Dr. Varghese George, Professor & Head, Civil Engineering, NITK, Surathkal, Dr. Lakshmikantha H, Environmental Officer, KSPCB, Udupi, Dr. Anathanarayana V S, Dean Research & Consultancy, NITK, Surathkal, Dr. D R

Ravi, Environmental Officer, KSPCB, Bangalore, Dr. Jagadish Vengala, Professor & Head, Civil Engineering, BMSIT & M, Bangalore, Er. Praveen, Ecoparadigm, Paradigm Environmental Strategies P.Ltd., Bangalore have been invited as a keynote speaker for various sessions related to sustainable smart cities.

This International workshop is a great opportunity for young engineers to put up their new innovative ideas towards the sustainable development of the world, where they will have an interaction with professors, national and international delegates who will take part in this workshop to express their vision and views towards development of sustainable smart cities. Participation in this workshop will undoubtedly provide a great opportunity for the students and young researchers across the world to enlighten their mind.



Dr. Krishna R Reddy Professor of Civil & Environmental Engineering, UNIVERSITY OF ILLINOIS, CHICAGO, inaugurating the two days international workshop



Proceedings Volume of the International Workshop is released by Dr. Krishna R Reddy Professor of Civil & Environmental Engineering, UNIVERSITY OF ILLINOIS, CHICAGO

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Keynote address by Dr. Krishna R Reddy Professor of Civil & Environmental Engineering, UNIVERSITY OF ILLINOIS, CHICAGO, on “Climate Change, Resiliency & Sustainability: Engineering Challenges for Smart Cities”



Keynote address by Dr. S Neelamani, Kuwait Institute for Scientific Research, KUWAIT on “Engineering Challenges for the sustainable development of Marine infrastructures with special reference to smart cities”



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Invited Speakers:

Dr. Krishna R. Reddy, Professor, University of Illinois, CHICAGO

Topic: "Climate Change, Resiliency & Sustainability: Engineering Challenges for Smart Cities"

Dr. S Neelamani, Kuwait Institute for Scientific Research, KUWAIT

Topic: "Engineering Challenges for the sustainable development of Marine infrastructures with special reference to smart cities"

Dr. Varghese George, Professor & Head, Civil Engineering, NITK, Santhkal

Topic: "Sustainable multi modal urban transport for Indian Cities"

Dr. Lakshmikantha H, Environmental Officer, KSPCB, Udupi

Topic: "Hazardous waste management"

Dr. Anathanarayana V S, Dean Research & Consultancy, NITK, Santhkal

Topic: "Role of Information Technology in Smart City"

Dr. Jagadish Vengala, Professor & Head, Civil Engineering, BMSIT & M, Bangalore

Topic: "Sustainable technologies for Affordable Housing"

Dr. D R Ravi, Environmental Officer, KSPCB, Bangalore

Topic: "Water- Can we Achieve Sustainability"

Er. Pravinjith, MD, Ecoparadigm, Paradigm Environmental Strategies P.Ltd., Bangalore

Topic: "Codigestion of Septage and Municipal Solid Waste-A Sustainable Solution for Small Towns"

Dr. GANESH MOGAVEER
PROFESSOR & HEAD
DEPT. OF CIVIL ENGG.
MITE,

BADAGA MIJAR, MOODABIDRI - 574225



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Badaga Mijar, Moodbidri - 574 225, Mangalore, Karnataka INDIA

MITE
Mangalore

DoSS-PEC:2018

Certificate of Participation

This is to certify that Dr/Prof/Mr/Ms....**JAYAPRAKASH M C**.....
has participated in the International Workshop on “**Development of Sustainable Smart Cities: Perspectives on Engineering Challenges**” [DoSS-PEC : 2018] during 3rd & 4th January 2018, organised by the Department of Civil Engineering, Mangalore Institute of Technology and Engineering (MITE), Moodbidri, in association with Local CAFET-INNOVA Technical Society, MITE and Karnataka State Pollution Control Board.

MITE
Mangalore

Mangalore Institute
of Technology
and Engineering

In association with



Dr. Jayaprakash M C
Organizing Secretary

Dr. Ganesh Mogaveer
HOD & Organizing Chair

Dr. G L Easwara Prasad
Principal

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Lean Six Sigma Yellow belt certification Program

Resource Person: Dr. Mohammad T. Khasawneh

Professor & Chair, Systems Science and Industrial Engineering, Thomas J.Watson School of Engineering and Applied Science State University of New York at Binghamton, New York 13902, USA

Date: 7th to 9th October 2017

Target Audience: 4th -year student

Dr. Mohammad T. Khasawneh, conducted training sessions on various aspects of lean six sigma. Around 50 students from the Mechanical Engineering discipline participated in the program and benefited by acquiring knowledge on applications of Lean SixSigma.



Workshop conducted by Dr. Mohammad T. Khasawneh

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

LEAN SIX SIGMA YELLOW BELT TRAINING

CERTIFICATE OF ATTENDANCE PRESENTED TO

NIHAD M T

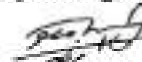
1.0 Continuing Education Units

Presented by: Mohammad Khasawneh, Ph.D., Professor of Systems Science and Industrial Engineering
Training Provider: Binghamton University, Thomas J. Watson School of Engineering and Applied Science (NYSED 211000)

14-15 September 2017 at Mangalore Institute of Technology & Engineering, Mangalore, India



Distinguished Professor Krishnaswami "Hari" Srihari
Dean, Thomas J. Watson School of Engineering
and Applied Science



Mohammad T. Khasawneh, Ph.D.
Professor and Chair, Department of Systems Science
and Industrial Engineering

BINGHAMTON | Thomas J. Watson
UNIVERSITY | School of Engineering
| and Applied Science





ENTREPRENEURSHIP AWARENESS CAMP

DST-NIMAT PROJECT 2017-18

Implemented by:

Entrepreneurship Development Institute of India (EDI), Ahmedabad

Under the aegis of:

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

Date: 21st September – 23rd September 2017

POST PROGRAMME REPORT (PPR)

By

**MANGALORE INSTITUTE OF TECHNOLOGY & ENGINEERING, BADAGA
MIJAR-574225**

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Workshop conducted by Dr. Mohammad T. Khasawneh

DAY 1(21-09-2017) – Session 1 & 2

An Entrepreneurship Awareness camp (EAC) is conducted at Mangalore Institute of Technology & Engineering (MITE) by the Entrepreneurship Development Cell (EDC) from 21st-23rd September 2017. The three-day EAC was inaugurated by Mr. Rangaprasad S N, Director of MSME Development Institute, Bengaluru at MITE, Moodabidre. 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.



Three-day EAC was inaugurated by Mr. Rangaprasad S N, Director of MSME Development Institute, Bengaluru at MITE, Moodabidre.

The Chief Guest Mr. Rangaprasad S N addressing the students as entrepreneurs asked **students to travel, meet new people and explore new avenues while remaining true to their roots.** Mr. Rangaprasad said that the world is for the fittest and it is this instinct of the survival of the fittest which drives entrepreneurs. He asked students to perform SWOT analysis and discover themselves. Confidence and positive attitude he said is an inherent quality of every entrepreneur.



The chief guest Mr. Rangaprasad S N addressing the students

The Guest of honor Mr. K Socrates, said that the Institute has been proactive and has successfully created 20+ entrepreneurs in the last Five years. With the magnitude and vision of



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the Organization, and such Entrepreneurship camps, more number of Entrepreneurs could be created in the future. He urged students to realize their purpose of life which would in turn aid them to flourish in their career. Highlighting the role of EDC, he pointed that ‘**Entrepreneurs cannot be found but only be invented**’. Mr. Socrates also mentioned that ‘the Institute has to Innovate, Invest in Innovation and Introduce the Invention to market’. Education should not be limited to finding a job but it must dwell to shape better citizens who are self-reliant he said.

Dr. G L Easwara Prasad, Principal, MITE welcomed the gathering and gave a brief about the initiatives taken by the Institute in developing Entrepreneurs. He said that education and entrepreneurship are complimentary in modern days and one has to work towards growing above academics by exploring opportunities by organizations like EDII. He also mentioned about the growth of entrepreneurs from the Institute and noted that in the second decade of inception, the institute aims at developing more Entrepreneurs along with Research & Development activities.

Mr. Sathyanarayana, Head, Mechatronics Dept and Convener of EAC, presented a brief of the importance of organizing such camps. 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 entrepreneurship in individuals.

DAY 1 (21-09-2017) - Session 3 & 4

Historical background-Indian values vis-a-vis Entrepreneur ship and the present scenario

Highlights of his topic are:

- Industrial revolution after 2nd world war
- History of evolution of some of the companies
- Indian based companies history and present scenario



Students participated in the session

In the afternoon session, Mr. Socrates, gave a talk on 'Identification of Business Opportunities'.

Highlights of his topic are:

- Identification of opportunities leads to success.
- Market study before starting any industry.
- The world innovation imperative
- Assistance and response of leading nations towards the innovation



Session delivered by Mr. Socrates

Mechanism of product selection and technology-assistance from R&D labs and others on choice of technology etc.

Highlights of his topic are:

- How to make use of current available technology to start any industry.
- Technological up gradation.
- How to make use of R&D labs of different organization to startup.



Mr. Socrates interacting with the students

Day 2 (22-09-2017)- Session 1 & 2

Day 2 sessions were presented by Mr. Sundara Sherigara M, Asst Director, MSME Mangalore.

The highlights of his talk are

1. Creativity and Business the man behind the venture-the behavioral scientist's approach.
2. Communication Skills for better results in business.

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Session was presented by Mr. Sundara Sherigara M

In short, he emphasized on

- Behavioral scientist's approach to find out Strength & Weakness
- Case study of SWOC (Strength, Weakness, Opportunity & Challenges) analysis
- Need for entrepreneurship
- Entrepreneurship culture
- Goal Setting behavior
- How to identify the problems
- Barriers to creativity
- Types of innovation



Students at the EAC

Day-2 Session 3& 4

Day 2 afternoon sessions was presented by Mr. Sundara Sherigara M, Asst Director, MSME Mangalore. In short, he emphasized on

1. Technical & Commercial aspects of MSME unit
2. Financial aspects of MSME unit including salient features of a project report



Sessions were presented by Mr. Sundara Sherigara M

The highlights of his talk are

- How to start MSME unit
- MSME's importance
- Central and state government schemes for entrepreneurship
- Selection of technology
- Basis of scale
- Merits of MSME
- Institutional supports to startup. Indian government promotions towards innovations.
- Preparation of a project plan
- Technical Know How
- Break Even Point analysis concepts
- Fund flow statements



Mr. Sundara Sherigara M addressing the students

Day 3(23-09-2017)- Session 1

The Speaker of the session was **Mr.Rithesh**, Founder and CEO, Infinite Solution, Pvt Ltd Bangalore. He is also an alumnus of MITE. He started sharing his experience through the initial struggle in basically work with Hong Kong based companies dealing with Business to Business and Business to client basis.



Talk delivered by Mr. Rithesh, Founder and CEO, Infinite Solution, Pvt Ltd Bangalore.

His own example of how to look into this situation as an ideal opportunity to take up the challenges in capturing South Asia and Middle Eastern markets. He inspired the students with his never give-up concepts.



Session Conducted by Mr. Rithesh



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Day 3 (23-09-2017) Industrial Visit

The last session was an Industrial Visit. Students visited RMC Readymix (India), Mangalore. RMC Readymix (India), Mangalore [A Division of Prism Cement Limited] is one of the largest ready-mixed concrete manufacturers in India. Set up way back in 1996, RMC India expanded business rapidly and currently operates a total of 88 ready-mixed concrete and aggregate crushing plants in 40 towns and cities across the nation.



Industrial visit by students

The Commercial Concrete Vertical is RMC India's core business which not only caters to the needs of metro cities and semi-urban areas, but also serves as a steadfast contributor to the prolific development of urbane India. The Company caters to a gamut of concrete requirements encompassing lofty buildings to a cherished individual house, solutions for mild exposure to the harshest of off shore works, for soft and aesthetic requirements to the jumbo strength & performance required for prestigious infra and industrial projects.

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



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Attendance Sheet – EAP conducted on Sep 2017

| Sl. No. | USN | NAME | Department |
|---------|------------|--------------------|-------------------|
| 1 | 4MT14CV030 | GAUTHAM RAI B | CIVIL Engineering |
| 2 | 4MT14CV055 | NIKIL SHETTY | CIVIL Engineering |
| 3 | 4MT14CV038 | KEERTHAN SHETTY | CIVIL Engineering |
| 4 | 4MT14CV047 | MOHAMMED SADIQ | CIVIL Engineering |
| 5 | 4MT14CV020 | AVINASH | CIVIL Engineering |
| 6 | 4MT14CV081 | SACHIN KOTIAN | CIVIL Engineering |
| 7 | 4MT14CV062 | PLIZON MASCARANHAS | CIVIL Engineering |
| 8 | 4MT14CV015 | ARJUN K R | CIVIL Engineering |
| 9 | 4MT14CV008 | AJAY G S | CIVIL Engineering |
| 10 | 4MT14CV019 | ASHWIN SHETTY | CIVIL Engineering |
| 11 | 4MT14CV012 | ANUP G R | CIVIL Engineering |
| 12 | 4MT14CV071 | RAHUL NAGARI | CIVIL Engineering |
| 13 | 4MT14CV053 | NAIK KISHEN RAMDAS | CIVIL Engineering |
| 14 | 4MT14CV013 | ANUP KUMAR | CIVIL Engineering |
| 15 | 4MT14CV018 | ASHWATHAM SHETTY | CIVIL Engineering |
| 16 | 4MT14CV107 | VISHNU | CIVIL Engineering |
| 17 | 4MT14CV010 | AKHIL VINAYAK | CIVIL Engineering |
| 18 | 4MT14CV077 | RAMYA VILAS NAIK | CIVIL Engineering |
| 19 | 4MT13CV004 | ABHISHEK KRISHNAN | CIVIL Engineering |
| 20 | 4MT14CV066 | PRATHAM HEGDE | CIVIL Engineering |
| 21 | 4MT15CV408 | NISCHAL K S | CIVIL Engineering |
| 22 | 4MT15CV415 | RANJITH | CIVIL Engineering |
| 23 | 4MT14CV085 | SANATH GOWSHIK | CIVIL Engineering |
| 24 | 4MT14CV088 | SHAIBAN SIDDIQUE | CIVIL Engineering |
| 25 | 4MT14CV068 | PRATHIKSHA G | CIVIL Engineering |
| 26 | 4MT14CV027 | DEEPTHI | CIVIL Engineering |
| 27 | 4MT14CV001 | AADITH THOMAS | CIVIL Engineering |
| 28 | 4MT14CV035 | JISHNU E V | CIVIL Engineering |
| 29 | 4MT14CV026 | DEEPAK T V | CIVIL Engineering |
| 30 | 4MT14CV079 | RESHMA | CIVIL Engineering |

| | | | |
|----|------------|----------------------------|-------------------|
| 31 | 4MT14CV089 | SHAJEEB S | CIVIL Engineering |
| 32 | 4MT14CV087 | SHAHIN | CIVIL Engineering |
| 33 | 4MT14CV031 | GOKUL KISHOR | CIVIL Engineering |
| 34 | 4MT14CV017 | ASHISH | CIVIL Engineering |
| 35 | 4MT14CV025 | CHAITRA | CIVIL Engineering |
| 36 | 4MT14CV074 | RAKSHITHA | CIVIL Engineering |
| 37 | 4MT14CV065 | PRARTHANA RAI | CIVIL Engineering |
| 38 | 4MT15CV413 | RAKESH T M | CIVIL Engineering |
| 39 | 4MT14CV097 | SUSHAN RAJ | CIVIL Engineering |
| 40 | 4MT15CV423 | VIRESH | CIVIL Engineering |
| 41 | 4MT14CV092 | SOWRAB | CIVIL Engineering |
| 42 | 4MT14CV103 | VIJESH | CIVIL Engineering |
| 43 | 4MT14CV040 | LOHITH KAMATH | CIVIL Engineering |
| 44 | 4MT15CV417 | SHRUTHI B M | CIVIL Engineering |
| 45 | 4MT15CV422 | VINAYAK JIGALoor | CIVIL Engineering |
| 46 | 4MT15CV412 | RAJSHEKAR D | CIVIL Engineering |
| 47 | 4MT14CV061 | PAVAN KUMAR | CIVIL Engineering |
| 48 | 4MT14CS109 | SUSHMA T S | CSE |
| 49 | 4MT14CS085 | RYNOLA M LOBO | CSE |
| 50 | 4MT14CS119 | VIGNESH SHETTY | CSE |
| 51 | 4MT14CS117 | VARUNA M | CSE |
| 52 | 4MT14CS112 | SWATHI S G | CSE |
| 53 | 4MT14CS081 | RACHANA V R | CSE |
| 54 | 4MT14CS085 | PRAVEEN | CSE |
| 55 | 4MT14CS090 | SATHVIK | CSE |
| 56 | 4MT14CS078 | PRATHVIRAJ | CSE |
| 57 | 4MT14CS076 | PRAJWAL SHETTY | CSE |
| 58 | 4MT14CS104 | SREERAJ M | CSE |
| 59 | 4MT14CS066 | MUNEER U K | CSE |
| 60 | 4MT14CS111 | SUSHMITHA | CSE |
| 61 | 4MT14CS077 | PRATHIMA | CSE |
| 62 | 4MT14CS086 | RITHESH | CSE |
| 63 | 4MT14CS113 | SYED MOHAMMED REDHAN KAMAL | CSE |
| 64 | 4MT14CS069 | NIHAL N HEGDE | CSE |
| 65 | 4MT14CS069 | PRAJWAL P SHETTY | CSE |
| 66 | 4MT14CS083 | SURAKSHA SHETTY | CSE |
| 67 | 4MT14CS080 | PRIYANKA K P | CSE |
| 68 | 4MT14CS021 | ANUSH G | CSE |
| 69 | 4MT14CS023 | ARJUN G S | CSE |

| | | | |
|----|------------|------------------|-----|
| 70 | 4MT14CS058 | MOHAMMED TALIB | CSE |
| 71 | 4MT12CS120 | KIRAN J D | CSE |
| 72 | 4MT13CS114 | SUKSHITH | CSE |
| 73 | 4MT14CS053 | MANASA C | CSE |
| 74 | 4MT14CS052 | MANASA SALIAN | CSE |
| 75 | 4MT13CS078 | PRIYA S KOTIAN | CSE |
| 76 | 4MT14CS008 | ADITYA MOHAN | CSE |
| 77 | 4MT13CS016 | APOORVA | CSE |
| 78 | 4MT14CS061 | MUDDABIR NAIKODI | CSE |
| 79 | 4MT13CS127 | NIMA ASHRAF | CSE |
| 80 | 4MT14CS103 | SOWMYA | CSE |


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



ENTREPRENEURSHIP AWARENESS CAMP

DST-NIMAT PROJECT 2017-18

Implemented by:

Entrepreneurship Development Institute of India (EDI), Ahmedabad

Under the aegis of:

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

Date: 30th August – 1st September 2017

POST PROGRAMME REPORT (PPR)

By

**MANGALORE INSTITUTE OF TECHNOLOGY & ENGINEERING, BADAGA
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DAY 1(30-08-2017) – Session 1

Entrepreneurship Awareness Camp (EAC) was inaugurated by Mr. Ish Anand, Founder & CEO at Relia Smart Learning Systems Pvt. Ltd. at Mangalore Institute of Technology & Engineering (MITE), Moodabidre. The workshop is organized by the Entrepreneurship Development Cell of MITE in association with Entrepreneurship Development Institute of India (EDII) Ahmadabad sponsored by NSTEDB. The Chief Guest Mr. Ish Anand, said that the one should have a strong mindset to become a great entrepreneur then only that person can achieve success as an entrepreneur. The real meaning for entrepreneurship will come only when entrepreneur's thinks about the social responsibility. Dr. C R Rajashekhar, Vice-Principal, MITE welcomed the gathering and gave a brief about the initiatives taken by the Institute in developing Entrepreneurs. He also mentioned about the growth of entrepreneurs from the Institute and noted that in the second decade of inception, the institute aims at developing more Entrepreneurs along with Research & Development activities.

Mr. Sathyanarayana, Head, Mechatronics Dept and Convener of EAC, presented a brief of the importance of organizing such camps. 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 also will highlight creativity and motivation about entrepreneurship in individuals. The three days workshop also aims at aiding entrepreneurs in setting up startup, facilities available from Government agencies and the challenges of entrepreneurs.

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Session was started with the talk by Mr. Ish Anand

DAY 1 (30-08-2017) - Session 2

After a small formal function, the session was started with the talk by Mr. Ish Anand where he highlighted the importance of 10 things which starts up's/Businesses must consider before it becomes too late.

Highlights of the second session:

- Don't pretend to be someone else
- Don't get red carded
- Know when to exit
- It's not just about raising money
- Find out stuff very quickly without having to burn cash
- Have sales skills. If not, find someone who does.
- Seek counsel, not advice

- Don't just play shop
- Don't expect everything for free
- Get stuff done



Session was conducted by Mr. Ish Anand

DAY 1 (30-08-2017) - Session 3

The session was continued by Mr. Ish Anand where he gave the insight for solid execution of business strategy which can give a great competitive advantage in the market. Person's strategy has to become a living, breathing influence on everything you do and every decision you make.

Highlights of his topic are:

- Business opportunities are everywhere.
- Concentrate on your sales efforts
- Identification of opportunities leads to success.

- Align your employees to deliver
- Market study before starting any industry.
- What gets measured gets done – Ensure you are on track
- Assistance and response of leading nations towards the innovation
- Research ability is must to find new things. New way of business opportunities.



Mr. Ish Ananda addressing the audience

Day 1(30-08-2017) - Session 4

This session was taken by **Mr. Donson D'souza** Chief operating officer and co-founder BLACK FROG Technologies Ltd. His topic for the session was on *Can you Entrepreneur?* He gave some inputs on why people need entrepreneurship. During the discussion with students, he also highlighted some of the pre-requisite qualities required to become an entrepreneur such as Self Discipline, Mindset/Motivation/Goal, Relentless/Hunger, Grow from failure, Never take no for an answer, Curiosity, Strive for more, Take initiatives/Proactive, Willingness to learn.

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Session was taken by Mr. Donson D'souza

Day 2(31-08-2017)- Session 1 & 2

Second day sessions were handled by **Prof.B.S.Revankar**, Ex-Director, NITK-STEP. Various challenges faced by entrepreneurs and businessman in the present scenario were addressed and solutions to some of them was conveyed in the program. Concepts of leadership, communication skills, problem solving, decision making, time management, marketing, and disaster management was covered.



Session was handled by Prof.B.S.Revankar



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The session focused on explaining the Need for Entrepreneurship its essential factors to be considered by first generation entrepreneurs like Business Opportunity Identification and Generation (BOIG), SWOT/SWOC analysis (strength weakness opportunity and Threat/Challenges analysis), Market survey were explained by considering one case study.

Next session was about Creativity and Business the man behind the venture-the behavioural scientist's approach.

In short, he emphasized on

- Behavioral scientist's approach to find out Strength & Weakness
- How to identify the problems
- Barriers to creativity
- Types of innovation

Day 2(31-08-2017)- Session 3 & 4

This session witnessed the prerequisites to start any enterprise were explained by all the resource persons and empowerment of the enterprise during its budding stage by financial institutions was conveyed to the participants. Technical & Commercial aspects of MSME unit was also explained. On the other hand, preparation of business plan and its evaluation, financial aspects of the same was communicated. Importance of Achievement motivation model was stated and human behaviour based on positive and negative thoughts was highlighted in the program.

In short, he emphasized on

- MSME's importance
- Basis of scale
- Merits of MSME
- Institutional supports to startup. Indian government promotions towards innovations.



Session delivered by Prof.B.S.Revankar

Day 3(01-09-2017)- Session 1

The Speaker of the session was **Mr.Yedu Krishnan**, Director, Tachus Technology Pvt. Ltd Mangalore. He is also an alumnus of MITE. He started sharing his experience through the initial struggle. Through his journey he got introduced to electronic targets during his visit to KSRA Bangalore. All the electronic targets used in India are being imported till date and no Indian company was manufacturing it. His own example of how to look into this situation as an ideal opportunity to take up the challenge he explained.



Mr.YeduKrishnan addressing the students

Day 3 (1-09-2017) Industrial Visit

This session was the most interesting part of the entire work shop where the students were taken to industrial visit to “**BHORUKA POWER CORPORATION LIMITED**”- 2*4.5MW Neria MINI Hydel Station near Dharmasthala. EDC Coordinator Mr. Satyanarayana along with 3 faculties from mechanical engineering department accompanied the students during the industrial visit.





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Industrial visit by students

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



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Attendance Sheet – EAP conducted on Aug 2017

| Sl. No. | USN | NAME | Department |
|---------|------------|-------------------------|------------------------|
| 1 | 4MT14ME061 | JAYARAJ | Mechanical Engineering |
| 2 | 4MT14ME013 | AJAY D KUKIYAN | Mechanical Engineering |
| 3 | 4MT13ME414 | SANJEEVKUMAR N BELAVAGI | Mechanical Engineering |
| 4 | 4MT14ME151 | SHRETHAN S SHETTY | Mechanical Engineering |
| 5 | 4MT14ME153 | SRIKANTH K DEVADIGA | Mechanical Engineering |
| 6 | 4MT14ME028 | BHARATHRAJ SHETTY | Mechanical Engineering |
| 7 | 4MT14ME074 | MANJUNATH SHET | Mechanical Engineering |
| 8 | 4MT14ME031 | DEEKSHITH | Mechanical Engineering |
| 9 | 4MT13ME145 | SHETTY ABHIJITH AJITH | Mechanical Engineering |
| 10 | 4MT14ME019 | ANISH B | Mechanical Engineering |
| 11 | 4MT14ME161 | U AKSHAY THAMANKAR | Mechanical Engineering |
| 12 | 4MT14ME144 | SHAVEEN A SALIAN | Mechanical Engineering |
| 13 | 4MT14ME149 | SHARAVAN KUMAR M | Mechanical Engineering |
| 14 | 4MT14ME034 | DEEPAK PRAKASHAN | Mechanical Engineering |
| 15 | 4MT14ME037 | DHARAJ D | Mechanical Engineering |
| 16 | 4MT14ME032 | DEEKSHITH D HEGDE | Mechanical Engineering |
| 17 | 4MT14ME060 | JASHWIN ALVA | Mechanical Engineering |
| 18 | 4MT14ME118 | PRATHYUSH RAJ | Mechanical Engineering |
| 19 | 4MT14ME108 | PINTO MERVIN MAX M | Mechanical Engineering |
| 20 | 4MT14ME152 | SRIKANTH SONKAR | Mechanical Engineering |
| 21 | 4MT14ME120 | PRESTON CYRIL QUADRAS | Mechanical Engineering |
| 22 | 4MT14ME136 | SAIRAJ HEGDE | Mechanical Engineering |
| 23 | 4MT14ME102 | NISCHAL KUMAR | Mechanical Engineering |
| 24 | 4MT14ME113 | PRAJWAL | Mechanical Engineering |
| 25 | 4MT14ME126 | RAKSHITH KOTIAN | Mechanical Engineering |
| 26 | 4MT14ME123 | PUNEETH SHETTY | Mechanical Engineering |
| 27 | 4MT14ME173 | VISHNU N | Mechanical Engineering |
| 28 | 4MT14ME128 | RICKY CHRIS PINTO | Mechanical Engineering |
| 29 | 4MT14ME121 | PRIYAG K | Mechanical Engineering |
| 30 | 4MT14ME119 | PREMANAND B S | Mechanical Engineering |

| | | | |
|----|------------|------------------------|------------------------|
| 31 | 4MT14ME133 | RUDOLF CUTINHO | Mechanical Engineering |
| 32 | 4MT14ME131 | ROLSON REBELLO | Mechanical Engineering |
| 33 | 4MT14ME169 | VINEETH | Mechanical Engineering |
| 34 | 4MT14ME117 | PRASHANTH | Mechanical Engineering |
| 35 | 4MT13ME138 | SATHWIK J | Mechanical Engineering |
| 36 | 4MT14ME088 | MOHAMMED SAFWAN | Mechanical Engineering |
| 37 | 4MT14ME064 | KARTHIK KAVA M | Mechanical Engineering |
| 38 | 4MT14ME015 | AKSHAY BAPU GAIKWAD | Mechanical Engineering |
| 39 | 4MT14ME116 | PRAMOD | Mechanical Engineering |
| 40 | 4MT14ME033 | DEEKSHITH HEGDE | Mechanical Engineering |
| 41 | 4MT14ME035 | DEEPU JOHN | Mechanical Engineering |
| 42 | 4MT15ME415 | MOHAMMED MANSOOR AHMED | Mechanical Engineering |
| 43 | 4MT14ME008 | ABHISHEK B R | Mechanical Engineering |
| 44 | 4MT14ME065 | KOTRESH B | Mechanical Engineering |
| 45 | 4MT14ME076 | MIHIR LONDHE | Mechanical Engineering |
| 46 | 4MT14ME071 | M ASHWIN KUMAR | Mechanical Engineering |
| 47 | 4MT14ME051 | HARISH U | Mechanical Engineering |
| 48 | 4MT14ME042 | DRISHAN B S | Mechanical Engineering |
| 49 | 4MT14ME172 | VISHAL M SUVARNA | Mechanical Engineering |
| 50 | 4MT14ME018 | ANIKEDH SURESH | Mechanical Engineering |
| 51 | 4MT14ME140 | SAWOOD SHARIEF S | Mechanical Engineering |
| 52 | 4MT14ME124 | RAGHAVENDRA | Mechanical Engineering |
| 53 | 4MT14ME137 | SAMPATH KUMAR | Mechanical Engineering |
| 54 | 4MT14ME073 | MANGESH D BHANDARY | Mechanical Engineering |
| 55 | 4MT14ME146 | SHASHWATH SHETTY | Mechanical Engineering |
| 56 | 4MT15ME111 | RAHIL RAZAK KHATRI | Mechanical Engineering |
| 57 | 4MT15ME142 | SHREYAS UCHIL | Mechanical Engineering |
| 58 | 4MT15ME158 | TRILOK PRAKASH | Mechanical Engineering |
| 59 | 4MT15ME064 | KUMAR RISHAB | Mechanical Engineering |
| 60 | 4MT15IS010 | ASHISH | ISE Engineering |
| 61 | 4MT15IS049 | SUCHITHRA | ISE Engineering |
| 62 | 4MT15IS012 | DAKSHA | ISE Engineering |
| 63 | 4MT15IS044 | SHRAVAN | ISE Engineering |
| 64 | 4MT15IS002 | ACHAL | ISE Engineering |
| 65 | 4MT15IS050 | SUMANTH | ISE Engineering |
| 66 | 4MT15IS008 | ANIRUDDHA | ISE Engineering |
| 67 | 4MT15IS054 | VARUN | ISE Engineering |
| 68 | 4MT15IS031 | MOHAMMAD ALI | ISE Engineering |
| 69 | 4MT15IS039 | SAPNA | ISE Engineering |
| 70 | 4MT15IS041 | SHASHWATHI | ISE Engineering |
| 71 | 4MT15IS042 | AISHWARYA | ISE Engineering |

| | | | |
|----|------------|-----------|-----------------|
| 72 | 4MT15IS043 | SHIVANI | ISE Engineering |
| 73 | 4MT15IS035 | RAKSHITH | ISE Engineering |
| 74 | 4MT15IS017 | FAIZA | ISE Engineering |
| 75 | 4MT15IS003 | AFRAH | ISE Engineering |
| 76 | 4MT15IS029 | MANIKANTA | ISE Engineering |


Convener - EDC

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

Details of Seminar Conducted



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Innovative Research Methods

Resource Person: Prof. Paul Chiarot, Professor Binghamton University, New York.

Date: 01-03-2018

Target Audience: MITE Faculties.

Prof. Paul Chiarot, delivered a talk on Innovative Research Method. He Elaborated importance Research in multidisciplinary field. he stressed the faculty to carry out innovative projects in various field to serve for the society. he pointed the how to find the research problem and how to adopt research methodology to arrive the solution for defined problem. he also invited MITE faculties to use the research facilities in Binghamton University.


Head of the Dept. of Mechanical Engg.
Mangalore Institute of Technology & Engineering
Badaga Mijar, MOODAHIDRI 574 225

LET'S TALK : IGNITING THE ENTREPRENEUR IN YOU

February 27,2018

A talk on traits of entrepreneur and how to ignite the passion to be an entrepreneur was held at MITE by the NAIN Incubation Center on 27th of February 2018. Mr. Rajesh Chouta, Chairman of Rajalaxmi Education Trust was the keynote speaker. The College Coordinator for NAIN and Dean Placement and Training Mr. Narendra U P gave an insight of the Incubation activity in the institution and the larger vision that the institution has towards developing entrepreneurial activities at MITE.

Mr. Rajesh Chouta said that to dream is easy but to keep the dreams alive one needs to have burning desire. He spoke in length about the traits of entrepreneur and stressed that to be successful in any business venture one has to not deter from the dream because of failures. He urged students to solve problems that people face on daily basis and pointed out that their project must turn to a product which could be placed in the market with ease.



Mr. Chouta asked students to identify projects that address the socio-economic problems of the country. He also asked the students not to change their aim to be an entrepreneur due to peer, family and external pressure. The talk was followed by question and answer session. Mr.



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Narendra spoke to students at the end of the session, asked them to explore opportunity that start-ups currently have. He also urged students to exploit avenues that the incubation network is offering so that they could place themselves in the market well.

Manager

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

LET's TALK : Igniting the Entrepreneur in you

Feb 27th 2018

Participants:

| # | Name | email ID | Contact Number |
|----|-------------------------|-------------------------------|----------------|
| 1 | NIKHIL JASON CORREA | cjnikky@gmail.com | 9483913340 |
| 2 | Manish C Poojari | manishcpoojari1997@gmail.com | 9686918990 |
| 3 | ANOO P K N | anooipkn786@gmail.com | 9480920475 |
| 4 | Shreyas S Kumar | skammar97@gmail.com | 9035598068 |
| 5 | ASMA KAUSAR KHAN | asmakausarkhan19@gmail.com | 9008888272 |
| 6 | Keerthi K S | keerthichalukya@gmail.com | 7019007478 |
| 7 | Poornachandra S Goudar | poorna.goudar111@gmail.com | 7829706980 |
| 8 | VARUN K L | varunkl1024@gmail.com | 8548987602 |
| 9 | MANISH C POOJARI | manishcpoojari1997@gmail.com | 9686918990 |
| 10 | BHEEMASHANKARA | bhima_sm97@gmail.com | 9880188807 |
| 11 | VIVEK U | vivekumesh108@gmail.com | 8494836147 |
| 12 | Arpith Jain | arpithjain9@gmail.com | 9633463101 |
| 13 | Manoj Kumar an | manojnamm@gmail.com | 8150857057 |
| 14 | Shridhar Ramesh Ranoji | Ferozferu8@gmail.com | 8892576736 |
| 15 | ALDRIN FLOVILLA D'SOUZA | aldrinflovilla@gmail.com | 8762130571 |
| 16 | Mayur Naik | mayurnaik715@gmail.com | 8762415923 |
| 17 | B.S MADHUMURTHY | bsmadhumurthybs1998@gmail.com | 7353349646 |
| 18 | Narendra Kumar | narenmanat123@gmail.com | 9008460505 |
| 19 | Vinutha c m | vinuthacm97@gmail.com | 8548896496 |
| 20 | GAUTHAM B M | battiragautham@yahoo.in | 9741432865 |
| 21 | Bharath H.R. | bharathhr555@gmail.com | 9731404201 |
| 22 | Sagar Padival K. | sagarpadival3@gmail.com | 9535497710 |
| 23 | TEJAS M RAO | tejasmao@gmail.com | 9535050705 |
| 24 | SWATI | Kattimani_swati2525@gmail.com | 7019258216 |
| 25 | MANJUNATHA | ganigam9@gmail.com | 9591123462 |
| 26 | LAMYA SUHANA | lamyahasahana77@gmail.com | 7411405575 |
| 27 | M SANATH KRISHNA | sanath1812@gmail.com | 9663109691 |
| 28 | JERRIN RAJAN | jerrinrajan944@gmail.com | 9636756408 |
| 29 | Dhruv A Godhani | godhani777dhruv@gmail.com | 9449064535 |
| 30 | Chethan Devadiga | edu.chetan@gmail.com | 9902135570 |
| 31 | Chethan C Devadiga | edu.chetan@gmail.com | 9902135570 |
| 32 | Harsh Goyal | harsh87339@gmail.com | 8390102030 |
| 33 | ANUSREE M | Anjukamju9990@gmail.com | 8197506539 |
| 34 | Aditya Dinesh | adityadinesh123@gmail.com | 9108126511 |
| 35 | CLYDE SHELTON BANGERA | clydeshelton.h@gmail.com | 9008930868 |
| 36 | Hariprasad | hariprasadp@gmail.com | 9980598756 |

| | | | |
|----|--------------------------|---------------------------------|------------|
| 37 | SREENATH | sreenathreenivasan125@gmail.com | 9207013797 |
| 38 | ADARSH REVANKAR | adarshrevankar9123@gmail.com | 9538789520 |
| 39 | DARSHAN M C | darshanmddu@gmail.com | 9343560808 |
| 40 | Abhinav S | abhinavthesas@gmail.com | 8347113874 |
| 41 | Varnasri Jain M | varnasrijainm@gmail.com | 8152095299 |
| 42 | DHANYASHREE DINESH | dshadinesh90@gmail.com | 9449447050 |
| 43 | Ninadha Venugopal | ninadhavenu@gmail.com | 7022916867 |
| 44 | NISHA | nishar1598@gmail.com | 9741701267 |
| 45 | Chethan | chethanshetty807@gmail.com | 8747858312 |
| 46 | PRADEEP M | pradeepmsbettigar@gmail.com | 9611193589 |
| 47 | Punith | puneethpopeluz@gmail.com | 8660016800 |
| 48 | Neha B | nehabkrishna@gmail.com | 7899539551 |
| 49 | Sagna Shetty | sagnashetty2041906@gmail.com | 9632430730 |
| 50 | Pradhyumna Sampigettaya | pradhyupa999@gmail.com | 9008115294 |
| 51 | Fathima Muhammad Iqbal | fathiiqbal236@gmail.com | 9632643189 |
| 52 | DEEKSHA KOTIAN | deekshakotian072@gmail.com | 9535318124 |
| 53 | Felrina Rodrigues | felrinarodrigues@gmail.com | 8497874411 |
| 54 | ABHILASH JAIN M S | abhilashjainms7@gmail.com | 7975136648 |
| 55 | sinchana shetty | sinchana.shetty25@gmail.com | 8618721836 |
| 56 | Ashish S K | ashishbajnska@gmail.com | 8301082388 |
| 57 | Peter John Jose | peterjohnjose7@gmail.com | 8971792730 |
| 58 | HANNA STEPHEN | hannastephen1996@gmail.com | 9449663651 |
| 59 | Simran | simishetkh7@gmail.com | 9741011832 |
| 60 | Karthik M Naik | 35karthiknaik@gmail.com | 9066833049 |
| 61 | MADHUSHREE K | gowdamadhu998@gmail.com | 8197621655 |
| 62 | Shamir Saleem | rashurafeeqe@gmail.com | 8850055567 |
| 63 | Sannati shrikant patil | patilsannati444@gmail.com | 7090937057 |
| 64 | Rahul Vishwanath Poojary | rahulpoojary2014@gmail.com | 8296543266 |
| 65 | sampreeth bhundary | edu.chetu@gmail.com | 7353316883 |
| 66 | Imaad Salim Shaikh | imaadsh@hotmail.com | 8296362860 |
| 67 | RATHAN KUMAR TR | rathankumarbmw@gmail.com | 7289771222 |
| 68 | Anokh Bhat | anokhbhat123@gmail.com | 9611191913 |
| 69 | Gagan Shetty | gaganashetty28@gmail.com | 9743746172 |
| 70 | Rishabh Kumar | kumarrishabh1997@yahoo.in | 9920655315 |
| 71 | Mohammed athif | mshabeeb69@gmail.com | 7899908508 |
| 72 | AJAY O M | ajayrijil@gmail.com | 8129507578 |
| 73 | Rishabh Kumar | kumarrishabh1997@yahoo.in | 9920655315 |
| 74 | NITHIN KULAL | naydpoojary@gmail.com | 8861645568 |
| 75 | BRADLEY MATHIAS | bradley.mathias97@gmail.com | 9591948972 |
| 76 | SOLANKI MEHUL MADHUKUMAR | meish_sh@yahoo.in | 8904628859 |
| 77 | VISHNU N | vishnuneyyath55@gmail.com | 8281429772 |
| 78 | Shetty Sandesh | sandeshtshetty7575@gmail.com | 9071206202 |
| 79 | Joel Setrao | joelsetrao720@gmail.com | 8105921440 |
| 80 | JITHIN C JOSEPH | jithinc.jc@gmail.com | 7353377987 |

| | | | |
|----|------------------------|----------------------------|------------|
| 81 | Joel Serrao | joel.serrao720@gmail.com | 8861921115 |
| 82 | Shivraj T N | shivurajm7@gmail.com | 9844828044 |
| 83 | Bhagya Rishi | bhagya.rishi1@gmail.com | 8547908324 |
| 84 | Bhagya Rishi | ronaldpaugustine@gmail.com | 9447111996 |
| 85 | PRESTON MENDONCA | preash63@gmail.com | 9663760596 |
| 86 | Sriram Srithar | sriram0.sriram3@gmail.com | 9481490518 |
| 87 | S.Sakthi Vikneswar | svikneswar@gmail.com | 9481026382 |
| 88 | Farish Anfal | farish1297@gmail.com | 9945738970 |
| 89 | MOURYA RAJ SHETTY | mouryuraj210@gmail.com | 9972012928 |
| 90 | Sequeira Harvin Hilary | Harvinsequeira@gmail.com | 7204910601 |



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



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TALK ON ARTIFICIAL INTELLIGENCE – CHAT BOTS

February 24, 2018

Mr. AjithKumar P N, General Manger, Digital Technologies & IoT, ITC Infotech presented a Talk on ‘Artificial Intelligence – Chat Bots’ at Mangalore Institute of Technology and Engineering (MITE), Moodabidri on February 24, 2018.



Mr. Ajith Kumar P N, General Manger, Digital Technologies & IoT, ITC Infotech, addressing the students

In his talk Mr. Ajith Kumar mentioned that ‘The Technology is fast changing. Artificial Intelligence is creating a new wave and bringing a paradigm shift in the Technology field. Young Engineers need to adapt the ongoing technology revolution and create new solutions and innovate. Be an Employment generator rather than an Employer’ urged. Mr. Ajith spoke about the various domains where Artificial Intelligence is bringing in a rapid change.



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Demo of Lifi technology by Mr.Ajith Kumar

Later, Mr. Ajith Kumar showed a demonstration of Li-Fi technology. Following the talk, Mr. Ajith Kumar had a discussion with the students who had submitted ideas and gave his valuable suggestions.

Manager
MITE NAIN Incubation Center
K-Teek Innovation Hub

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

Talk on 'Artificial Intelligence – Chat Bots'

Feb 24th 2018

Participants

| S.No | Name | Email Id |
|------|-------------------------|---------------------------------|
| 1 | ANUSHREE M | anokunju1111@gmail.com |
| 2 | ASHIKA SHETTY | ashika1216@gmail.com |
| 3 | ASHMITH ANUP KUMAR | ashmithanupkumar131@gmail.com |
| 4 | ASHWINI V SHETTY | ashwinishetty811@gmail.com |
| 5 | ATHUL RAVEENDRAN | athol.ravindran47@gmail.com |
| 6 | CHAITRA J | chaitrachitte0519@gmail.com |
| 7 | CETHAN R PRASAD | crplcp1@gmail.com |
| 8 | CHOWTA PRITHESH BHASKAR | prithesh.chowta1997@gmail.com |
| 9 | CHOWTA PRIYESH BHASKAR | priyesh.chowta.pc@gmail.com |
| 10 | CLITAN CRASTA | clitanocrasta28@gmail.com |
| 11 | DHANYA SHENOY | dhanyashenoys2@gmail.com |
| 12 | DHAVAN RAO B V | dhavanrao@gmail.com |
| 13 | DHRUV A GODHANI | godhani777dhruv@gmail.com |
| 14 | DIPIN | dipinpradeep090@gmail.com |
| 15 | DIVYA | divyad2703@gmail.com |
| 16 | FATHIMATHUL ZUWERIYA | zuweriya97@gmail.com |
| 17 | FAWAZ AHAMED M | farwaz91@gmail.com |
| 18 | HARSHITH S | harshithgowda30897@gmail.com |
| 19 | HITHESH | hitheshudevadiga@gmail.com |
| 20 | JERRIN RAJAN | jerrinrajan944@gmail.com |
| 21 | JOEL BABY | joelbaby44@gmail.com |
| 22 | JOSWY PIO BARBOZA | joswypio@gmail.com |
| 23 | KAPIL SHARMA | kskskapil123@gmail.com |
| 24 | KARISHMA | karishmaamin.24@gmail.com |
| 25 | KARTHIK NAYAK | karthiknayak387@gmail.com |
| 26 | KARTHIK | karthik.kannansudheer@gmail.com |
| 27 | KASHYAP BHANU DAS | bobbikashyap@gmail.com |
| 28 | KAVEESH SHETTY | kaveeshshetty6@gmail.com |
| 29 | KEERTHI | keerthipai97@gmail.com |
| 30 | KRISHNAMOORTHY | krishna237murthy@gmail.com |
| 31 | KU/WAILA K K | kuwaila97@gmail.com |
| 32 | MAHESH N | maheshbhatn97@gmail.com |
| 33 | MANJUNATH GOUDAR | manjuapl6@gmail.com |
| 34 | MEGHANA PRAKASH | meghanagowda2015@gmail.com |
| 35 | NANDAKISHOR | nkr916@gmail.com |
| 36 | NEHA | neha23.rao@gmail.com |
| 37 | NIKHITHA | nikithamulki@gmail.com |
| 38 | NITHIN | nithinasajeeva@gmail.com |
| 39 | PATRICK | patrickmathew064@gmail.com |

| | | |
|----|-----------------------|--------------------------------|
| 40 | PAVITHRA | pavitra238mdb@gmail.com |
| 41 | PAYAL | ppayalshetty.3@gmail.com |
| 42 | ANISHA | anisha.pinto123@gmail.com |
| 43 | PRADEEP BHOJA NAIK | pradeepnaik512p@gmail.com |
| 44 | PADYUMMA BHAT | pradyumnabhat.pb@gmail.com |
| 45 | Prajwal Shetty | prajwalshetty881@gmail.com |
| 46 | PRATHEEKSHA P HEGDE | pratheekshahegde4.ph@gmail.com |
| 47 | PRATHEEKA V SHETTY | prathikashetty40@gmail.com |
| 48 | PRATHIKSHA P PAI | prathikshapai77@gmail.com |
| 49 | PUNEETH | puneethkula3@gmail.com |
| 50 | RACHANA U | rachanaul4@gmail.com |
| 51 | raksha | lathabalakrishna24@gmail.com |
| 52 | Ranjan | ranjansbhandary@gmail.com |
| 53 | Ravi | ravi.moolya28@gmail.com |
| 54 | Rayyan | ali.rayyan997@gmail.com |
| 55 | Renita | nita971ynn@gmail.com |
| 56 | SHEZAN SHABEER | shezan1997@gmail.com |
| 57 | KOTIAN SHIFALI MAHESH | shifaali.km@gmail.com |
| 58 | SHREYAS V | shreyasv.devadiga@gmail.com |
| 59 | SHRINIDHI | shrinidhikulal@gmail.com |
| 60 | SUBHADA RAO | shubhadaputhige@yahoo.com |
| 61 | SHWETA SHERIGAR | shwethassherigar@gmail.com |
| 62 | SOORAJ K | soorajk2010@gmail.com |
| 63 | SOUJANYA | sajju75553@gmail.com |
| 64 | SOURABH KOTTUMMAL | aksourabh@rocketmail.com |
| 65 | SREERAG C T | sreeraget@gmail.com |
| 66 | SRISHTI SHETTY | srishtishetty@gmail.com |
| 67 | SUDARSHAN SHETTY | darshanshetty43@yahoo.com |
| 68 | SUKETH | suki.kotian96@gmail.com |
| 69 | SUPREETHA | supreethashettigar74@gmail.com |
| 70 | SUPRIYA C M | ganavathi@yahoo.com |



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

TALK ON LOOKING BEYOND ENGINEERING

February 12, 2018

A talk exclusively for **participants of Ideathon** was organized by the NAIN Incubation center on the 12th of February 2018. Mr. Preetham D'Souza, iOS Developer at Keytree, **London, United Kingdom** spoke to students to grow beyond conventional notion of securing good grades and to rather indulge in projects that would aid them in getting practical real-time experience and be an Innovator.



Mr. Preetham D'Souza addressing the students in Auditorium II

Mr. Preetham, an alumnus of MITE, who was also an Entrepreneur previously, asked students to decide their destiny because he believes that the decisions one takes on their own makes one to be determined to work towards it to prove oneself and thus has great possibilities of succeeding. Mr. D'Souza spoke to students about their stint in developing a hotel guest management system which failed after repeated tries.



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Mr. Preetham D'Souza

He said the failure did not dissuade them but rather the experience aided greatly in his future projects. Mr. Preetham, had a discussion with each Ideathon participants about their ideas and gave them suggestion on how to improve and make it marketable.

Mr. Preetham D'Souza who was also part of the Start-Up Pace Wisdom Solutions during his early career also asked students form the right friends group and find local problems which could be solved using technology. He said, even if the group fails, the method, their try and thought process would be a boon during the interviews. The session had students asking questions ranging from start-up businesses, their success, details of technologies a graduate is expected to know, how to plan career and so.


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

Talk on Looking beyond Engineering

Feb 12th 2018

Participants List

| # | Name | email ID | Contact Number |
|----|-------------------------|---------------------------------|----------------|
| 1 | ASMA KAUSAR KHAN | asmakausarkhan19@gmail.com | 900888272 |
| 2 | Keerthi K S | keerthichalakyk@gmail.com | 7019007478 |
| 3 | Poornachandra S Goudar | poorna.goudar111@gmail.com | 7829706980 |
| 4 | VARUN K L | varunk11024@gmail.com | 8548987602 |
| 5 | MANISH C POOJARI | manishcpojari1997@gmail.com | 9686918990 |
| 6 | BHEEMASHANKARA | bhima.snr97@gmail.com | 9880188807 |
| 7 | VIVEK U | vivekumash108@gmail.com | 8494836147 |
| 8 | Arpith Jain | arpithjain9@gmail.com | 9633463101 |
| 9 | Manoj kumar m | manojmanna@gmail.com | 8150857037 |
| 10 | Shridhar Ramesh Baroji | Ferozferul@gmail.com | 8892576736 |
| 11 | ALDRIN FLOVILLA D'SOUZA | aldrinflovilla@gmail.com | 8762130571 |
| 12 | Mayur Naik | mayurnaik715@gmail.com | 8762415923 |
| 13 | B.S MADHUMURTHY | madhumurthybs1998@gmail.com | 7353349646 |
| 14 | GAUTHAM B M | battiragautham@yahoo.in | 9741432865 |
| 15 | Bharath H.R. | bharathhr555@gmail.com | 9731404201 |
| 16 | Sagar Padival K | sagarpadival1@gmail.com | 9535497710 |
| 17 | TEJAS M RAO | tejasrao@gmail.com | 9535056765 |
| 18 | SWATI | Kattimani swati2325@gmail.com | 7019238216 |
| 19 | MANJUNATHA | ganigan9@gmail.com | 9591123462 |
| 20 | LAMYA SUHANA | lanya.suhana77@gmail.com | 7411405575 |
| 21 | M SANATH KRISHNA | sanath1812@gmail.com | 9663109691 |
| 22 | JERRIN RAJAN | jerrinrajan9440@gmail.com | 9636756408 |
| 23 | Dhruv A Godhani | godhani777dhruv@gmail.com | 9440064434 |
| 24 | Chethan Devadiga | edu.chetan@gmail.com | 9902135570 |
| 25 | Chethan C Devadiga | edu.chetan@gmail.com | 9902135570 |
| 26 | Harsh Goyal | harsh82339@gmail.com | 8590102030 |
| 27 | ANUSREE M | Anjukunja9990@gmail.com | 8197506539 |
| 28 | Adithya Dinesh | adithyadinesh123@gmail.com | 9108126511 |
| 29 | CLYDE SHELTON BANGERA | clydeshelton.b@gmail.com | 9008970868 |
| 30 | Hariprasad | hariprasadp@gmail.com | 9980598756 |
| 31 | SREENATH | sreenathroenivasan123@gmail.com | 9207013797 |
| 32 | ADARSH REVANKAR | adarshrevankar0123@gmail.com | 9538789520 |
| 33 | DARSHAN M C | darshanmukha@gmail.com | 9343566808 |
| 34 | Abhiram s | stamethejas@gmail.com | 8547113874 |
| 35 | Varnasi Jain M | varnasirjainm@gmail.com | 8152095299 |
| 36 | DHANYASHREE DINESH | dinhadinesh96@gmail.com | 9449447050 |
| 37 | Ninadha Venugopal | ninadhavenug@gmail.com | 7022916867 |
| 38 | NISHA | nisha1598@gmail.com | 9741701307 |
| 39 | Chethan | chethansherry807@gmail.com | 8747858312 |
| 40 | PRADEEP M | pradeepshettigar@gmail.com | 9611193389 |
| 41 | Punith | punithpopeice@gmail.com | 8660016800 |
| 42 | Neha B | nichakrishna@gmail.com | 7899539551 |
| 43 | Sapna Shetty | sapnashetty2041996@gmail.com | 9632430730 |
| 44 | Felrina Rodrigues | felrinarodrigues@gmail.com | 8497874411 |
| 45 | ABHILASH JAIN M S | abhilashjainms7@gmail.com | 7075136648 |
| 46 | sinchana shetty | sinchana-shetty25@gmail.com | 8618721836 |
| 47 | Ashish S K | ashishbarjask@gmail.com | 8301082383 |

| | | | |
|----|--------------------------|-----------------------------|------------|
| 48 | Peter John Jose | peterjohnjose7@gmail.com | 8971792730 |
| 49 | HANNA STEPHEN | hannastephen1996@gmail.com | 9449663651 |
| 50 | Simran | simishelkh7@gmail.com | 9741011832 |
| 51 | Karthik M Naik | 55karthiknaik@gmail.com | 9066833049 |
| 52 | MADHUSHREE K | gowdamadha998@gmail.com | 8197621655 |
| 53 | shamil Saleem | rashirafeeqe@gmail.com | 8550055567 |
| 54 | Sanmati shrikant patil | patilsanmati444@gmail.com | 7090937057 |
| 55 | Rahul Vishwanath Poojary | rahulpoojary2014@gmail.com | 8296543266 |
| 56 | samprath bhandary | edu.chetn@gmail.com | 7353316883 |
| 57 | Imaad Salim Shaikh | imaadsh@hotmail.com | 8296362860 |
| 58 | RATHAN KUMAR TR | rathankumartrw@gmail.com | 7259771222 |
| 59 | Asokh Bhat | asokhbhat123@gmail.com | 9611391913 |
| 60 | Gagan Shetty | gaganshetty28@gmail.com | 9743746172 |
| 61 | Rishabh Kumar | kumarrishabh1997@yahoo.in | 9920655315 |
| 62 | mohammed uthif | rishabeeb69@gmail.com | 7899908508 |
| 63 | AJAY O M | ajayrijil@gmail.com | 8129507578 |
| 64 | Rishabh Kumar | kumarrishabh1997@yahoo.in | 9920655315 |
| 65 | NITHIN KULAL | ajaydpoojary@gmail.com | 8861645568 |
| 66 | BRADLEY MATHIAS | bradley.mathias97@gmail.com | 9591948972 |
| 67 | SOLANKI MEHUL MADHUKUMAR | anish_sb@yahoo.in | 8904628859 |
| 68 | VISHNU N | vishnuneyyath55@gmail.com | 8281829772 |
| 69 | Shetty Sandesh | sundeshshetty7575@gmail.com | 9071206202 |
| 70 | Joel Serrao | joelserrao720@gmail.com | 8105921440 |
| 71 | JITHIN C JOSEPH | jthinc_jc@gmail.com | 7353377987 |
| 72 | Joel Serrao | joelserrao720@gmail.com | 8861921115 |
| 73 | Shivaraj T N | shivarajtn7@gmail.com | 9844828044 |
| 74 | Bhagya Rishi | bhagya.rishi1@gmail.com | 8547908324 |
| 75 | Bhagya Rishi | ronaldpaugustine@gmail.com | 9447111996 |
| 76 | PRESTON MENDONCA | preash63@gmail.com | 9663760596 |
| 77 | Sriram Sridhar | sriram0.sriram3@gmail.com | 9481490518 |
| 78 | S.Sakshi Vikneswar | svikneswar@gmail.com | 9481026382 |
| 79 | Farish Anfal | farish1297@gmail.com | 9945738970 |
| 80 | MOURYA RAJ SHETTY | mouryarnj210@gmail.com | 9972012928 |
| 81 | Sequeira Harvin Hilary | Harvinsequeira@gmail.com | 7204910601 |
| 82 | Syed Umair | umair.sj98@gmail.com | 8939522505 |
| 83 | Sagar Rajagouda Patil | sagarpatil@gmail.com | 9538760594 |
| 84 | MOHAMMAD ARZOO | arzo0.mohammed193@gmail.com | 9645400342 |
| 85 | Aaron Seth | aaronseth223355@live.com | 9740842943 |
| 86 | Prakash Malviya | shivu14k@gmail.com | 8123997896 |
| 87 | KARTHIK ARVIND BHADRAPUR | kab.kartik22@gmail.com | 9902231691 |


Manager
 MITE MAIN Incubation Center
 K-Tech Innovation Hub
 Mangalore Institute of Technology & Engineering
 Badaga Mose, Mangalore-574324

TALK ON ENTREPRENEURSHIP

February 9, 2018

NAIN Incubation Center and IEEE Student Branch of MITE jointly organized a talk on Entrepreneurship at Mangalore Institute of Technology & Engineering (MITE), Moodbidri on February 09, 2018. Mr. DamodarPuthiya, CEO and Co-founder of Mobinius spoke about his journey from being a young graduate to a successful Entrepreneur. He urged students to have their objectives clear because that would always be the driving forces to succeed. Mr. Damodar stressed on the fact that to be an entrepreneur one has to be determined and ready to beat the odds.



Mr. P Damodar addressing the students in Auditorium II

His memories rolled back to the struggling days in Bangalore after graduation. Holding ourselves composed and letting not the surroundings dictate terms to us is the key to excel he said. The recipient of the **CII Southern Region Emerging Entrepreneur Award 2017**, Mr. Damodar said that an entrepreneur predominantly would be put through the wringer but it is pivotal to take the



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right decisions and importantly make their decisions right. Everyday poses a new challenge, one need to unlearn, learn and work towards their vision he said.



On being asked about the biggest challenge he had in his journey, Mr.Damodar said, building the right team, people with the same vigor and partners with unflinching faith in the business plan was always the greatest ordeal. Mr. Damodar who is also awarded **The Young Entrepreneur for Business Excellence by Indian Achievers Forum in 2016**, was posed with questions ranging from business, marketing, life as an entrepreneur, challenges, technology. While addressing query on marketing, he said when technology finds solution to problems of customers the product is bound to succeed. Substantiating this he cited how Uber/Ola has been successful in driving customers from all genre both young and old to use its services. Mr.Damodar asked one to have unflinching faith in oneself, not to deter and be dissuaded.

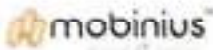
Poster



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presents a talk on
'Entrepreneurship'
by
Mr. Damodar P
CEO & Co-founder 



CI Southern Region Emerging Entrepreneur Award - 2017
Young Entrepreneur Award for Business Excellence - 2016

Date: 9th Feb 2018



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

Talk on Entrepreneurship


February 9th 2018

Participants list

| # | Name | email ID | Contact Number |
|----|-------------------------|-------------------------------|----------------|
| 1 | NIKHIL JASON CORREA | cjnicky@gmail.com | 9483913548 |
| 2 | Manish C Poojari | manishcpoojari1997@gmail.com | 9686918990 |
| 3 | ANOO P K N | anooapk786@gmail.com | 9480920475 |
| 4 | Shreyas S Kammar | skammar97@gmail.com | 9035598068 |
| 5 | ASMA KAUSAR KHAN | asmakausarkhan19@gmail.com | 9008888272 |
| 6 | Keerthi K S | keerthichalukya@gmail.com | 7019007478 |
| 7 | Poornachandra S Goudar | poorna.goudar111@gmail.com | 7829706980 |
| 8 | VARUN K L | varunk11024@gmail.com | 8548987602 |
| 9 | MANISH C POOJARI | manishcpoojari1997@gmail.com | 9686918990 |
| 10 | BHEEMASHANKARA | bhima.sm97@gmail.com | 9880188807 |
| 11 | VIVEK U | vivekumesh108@gmail.com | 8494836147 |
| 12 | Arpith Jain | arpithjain9@gmail.com | 9633463101 |
| 13 | Manoj kumar .m | manojmsm@outlook.com | 8150857057 |
| 14 | Shridhar Ramesh Ranaji | Ferozfero8@gmail.com | 8892576736 |
| 15 | ALDRIN FLOVILLA D'SOUZA | aldrinflovilla@gmail.com | 8762130571 |
| 16 | Mayur Naik | mayurnaik715@gmail.com | 8762415923 |
| 17 | B.S MADHUMURTHY | madhumurthybs1998@gmail.com | 7353349646 |
| 18 | Narendra Kumar | narenmanat123@gmail.com | 9008460505 |
| 19 | Vinutha c m | vinuthacm97@gmail.com | 8548896496 |
| 20 | GAUTHAM B M | battiragautham@yahoo.in | 9741432865 |
| 21 | Bharath H.R. | bharathhr555@gmail.com | 9731404201 |
| 22 | Sagar Padival K. | sagarpudival3@gmail.com | 9535497710 |
| 23 | TEJAS M RAO | tejasrao@gmail.com | 9535050705 |
| 24 | SWATI | Kattimani.swati2525@gmail.com | 7019258216 |
| 25 | MANJUNATHA | ganigam9@gmail.com | 9591123462 |
| 26 | LAMYA SUHANA | lamyasuhana77@gmail.com | 7411405575 |
| 27 | M SANATH KRISHNA | sanath1812@gmail.com | 9663109691 |
| 28 | JERRIN RAJAN | jerrinrajan944@gmail.com | 9636756408 |
| 29 | Dhruv A Godhani | godhani777dhruv@gmail.com | 9449064533 |
| 30 | Chethan Devadiga | edu.chetrn@gmail.com | 9902135570 |
| 31 | Chethan C Devadiga | edu.chetrn@gmail.com | 9902135570 |
| 32 | Harsh Goyal | harsh82339@gmail.com | 8590102030 |
| 33 | ANUSREE M | Anjukunju9990@gmail.com | 8197506539 |
| 34 | Adithya Dinesh | adithyadinesh127@gmail.com | 9108126511 |
| 35 | CLYDE SHELTON BANGERA | clydeshelton.b@gmail.com | 9008910868 |

| | | | |
|----|--------------------------|----------------------------------|------------|
| 36 | Hariprasad | hshariprasadp@gmail.com | 9980598756 |
| 37 | SREENATH | sreenathgreenivasan125@gmail.com | 9207013797 |
| 38 | ADARSH REVANKAR | adarshrevankar0123@gmail.com | 9538789520 |
| 39 | DARSHAN M C | darshanmaddu@gmail.com | 9343566808 |
| 40 | Abhiram s | itsmethejus@gmail.com | 8547113874 |
| 41 | Varnasri Jain M | varnasri.jainm@gmail.com | 8152095299 |
| 42 | DHANYASHREE DINESH | dishadinesh90@gmail.com | 9449447050 |
| 43 | Ninadha Venugopal | ninadhavenu@gmail.com | 7022916867 |
| 44 | NISHA | nishar1598@gmail.com | 9741701567 |
| 45 | Chethan | chethanshetty807@gmail.com | 8747858312 |
| 46 | PRADEEP M | pradeepnashettigar@gmail.com | 0611195589 |
| 47 | Punith | puseethpopeen@gmail.com | 8660016800 |
| 48 | Neha B | nehabkrishna@gmail.com | 7899539551 |
| 49 | Sapna Shetty | sapnashetty2041996@gmail.com | 9632430730 |
| 50 | Pradhyumna Sampigettaya | pradhyups999@gmail.com | 9008115294 |
| 51 | Fathima Muhamad Iqbal | fathi iqbal236@gmail.com | 9632642189 |
| 52 | DEEKSHA KOTIAN | deekshakotian072@gmail.com | 9535318124 |
| 53 | Felrina Rodrigues | felrinaarodrigues@gmail.com | 8497874411 |
| 54 | ABHILASH JAIN M S | abhilashjainms7@gmail.com | 7973136648 |
| 55 | sinchana shetty | sinchana.shetty25@gmail.com | 8618721836 |
| 56 | Ashish S K | ashishbaijusk@gmail.com | 8301082388 |
| 57 | Peter John Jose | peterjohnjose7@gmail.com | 8971792730 |
| 58 | LIANNA STEPHEN | liannastephen1996@gmail.com | 9449663651 |
| 59 | Simran | simrshelkb7@gmail.com | 9741011832 |
| 60 | Karthik M Naik | 55karthiknaik@gmail.com | 9066833049 |
| 61 | MADHUSHREE K | gowdamadhu998@gmail.com | 8197621653 |
| 62 | shamil Saleem | rashurnteeque@gmail.com | 8550055567 |
| 63 | Sanmati shrikant patil | patilsanmati444@gmail.com | 7090917057 |
| 64 | Rahul Vishwanath Poojary | rahulpoojary2014@gmail.com | 8206543266 |
| 65 | samsreeth blandary | eds.chen@gmail.com | 7353316883 |
| 66 | Imaad Salim Shaikh | imaadsh@hotmail.com | 8296362860 |
| 67 | RATHAN KUMAR TR | rathankumarbmw@gmail.com | 7259771222 |
| 68 | Anokh Bhat | anokhbhat123@gmail.com | 9611391913 |
| 69 | Gagan Shetty | gaganshetty28@gmail.com | 9743746172 |
| 70 | Rishabh Kumar | kumarrishabh1997@yahoo.in | 9920655315 |
| 71 | mohammed athif | mshabeeb69@gmail.com | 7899908508 |
| 72 | AJAY O M | ajayrijil@gmail.com | 8129507578 |
| 73 | Rishabh Kumar | kumarrishabh1997@yahoo.in | 9920655315 |
| 74 | NITHIN KULAI | ajaydpoojary@gmail.com | 8861645568 |
| 75 | BRADLEY MATHIAS | bradley.mathias97@gmail.com | 9591948972 |
| 76 | SOLANKI MEHUL MADHUKUMAR | anish_sb@yahoo.in | 8994628859 |
| 77 | VISHNU N | vishnuneyyath55@gmail.com | 8281820772 |
| 78 | Shetty Sandesh | sandeshtshetty7575@gmail.com | 9071206202 |
| 79 | Joel Serrao | joelserrao720@gmail.com | 8105921440 |

| | | | |
|----|--------------------------|-----------------------------|------------|
| 80 | JITHIN C JOSEPH | jithinc.jc@gmail.com | 7353377987 |
| 81 | Joel Serrao | joelserrao720@gmail.com | 8861921115 |
| 82 | Shivraj T N | shivrajtn7@gmail.com | 9844828044 |
| 83 | Bhagya Rishi | bhagya.rishi1@gmail.com | 8547908324 |
| 84 | Bhagya Rishi | ronaldpaugustine@gmail.com | 9447111996 |
| 85 | PRESTON MENDONCA | preash63@gmail.com | 9663760596 |
| 86 | Sriram Sridhar | sriram0_sriram3@gmail.com | 9481490518 |
| 87 | S.Sakthi Vikneswar | svikneswar@gmail.com | 9481026382 |
| 88 | Farish Anfal | farish1297@gmail.com | 9945738970 |
| 89 | MOURYA RAJ SHETTY | mouryaraj210@gmail.com | 9972012928 |
| 90 | Sequeira Harvin Hilary | Harvinsequeira@gmail.com | 7204910601 |
| 91 | Syed Umair | umair.sj98@gmail.com | 8939522505 |
| 92 | Sagar Rajagouda Patil | sagarpat@gmail.com | 9538760594 |
| 93 | MOHAMMAD ARZOO | arzoo_mohammed193@gmail.com | 9645400342 |
| 94 | Aaron Seth | aaronseth223355@live.com | 9740842943 |
| 95 | Prakash Malviya | shriv14k@gmail.com | 8123997890 |
| 96 | KARTHIK ARVIND BHADRAPUR | kab.kartik22@gmail.com | 9902231691 |


Manager
 MITE NAIN Incubation Center
 K-Tech Innovation Hub
 Mangalore Institute of Technology & Engineering
 Baidogal, Mangalore - 575 025



MANGALORE INSTITUTE OF TECHNOLOGY AND ENGINEERING

(An ISO 9001: 2008 Certified Institution)
(Affiliated to Visvesvaraya Technological University Belagavi)
Badaga Mijar, Moodabidri-574225, Karnataka

Technical Talk on Shape Memory Alloys

Date: 14th October -2017

Audience: Seventh Semester, Mechanical Engineering Students

Guests: Prof. NarendranathS, HOD,NITK Suratkal

Venue:Audi-2

Report by: Rueben D'Souza

This is a brief report on the technical talk on Shape Memory Alloys by Prof Narendranath, HOD,NITKSuratkalon14thofOctober2017.ThespeakerwasescortedtotheAuditoriumby Prof. Neelakanth. The guest was welcomed by Prof. Lokesh.

ProfessorNarendranathexplainedto the students the basics of shape memory alloys and their characteristics. He also showed the students various graphs related to the characteristics of these alloys. He also told them about the various applications of shape memory alloys in different fields. The vote of thanks was given by Mr. Harsha.



Basics of shape memory alloyswere explainedto the students by Prof. Narendranath HOD, NITK
Suratkal

Rueben
Head of the Dept of Mechanical Engg
Mangalore Institute of Technology & Engineering
Badaga Mijar, MOODABIDRI 574 225