

3.5.2: List of Activities conducted through MoU during last Five Academic Years

Sl. No.	Name of the institution/ industry/ Corporate house with whom MoU is signed	Academic Year	Activity	Page No.
1	Binghamton University, New York	2019-20	Workshop on “Electronic Systems: Heterogeneous Integration, Thermal and Power Management, Related Machine Learning” on 6 th to 8 th October 2020.	1-7
		2018-19	Talk on “Higher Education in US” on 6 th October 2018.	8
			Technical talk on “Data Mining and Data Analytics” on 4 th October 2018.	9-11
		2017-18	International Conference on Distributed Computing, VLSI, Electrical Circuits and Robotics (DISCOVER 2018) on 13 th & 14 th August 2018.	12-22
			Lean Six Sigma Green Belt Certification on 16 th to 21 st April 2018.	23-30
			Talk on “Higher Education opportunities at Binghamton University, USA” on 1 st March 2018.	31

Sl. No.	Name of the institution/ industry/ Corporate house with whom MoU is signed	Academic Year	Activity	Page No.
			Mr. Narendra U P, Dean (T&P) visited Binghamton University for one week to interact with the different Schools and Heads on December 2017.	32-34
			Talk on “Higher Education opportunities at Binghamton University, USA” on 6 th November 2017.	35
			Talk on “Recent Trends in Global Financial Markets” for MBA Students. Talk on “Finance for Engineers” for engineering students on 6 th November 2017.	36
			Lean Six Sigma Yellow Belt Certification on 7 th to 9 th October 2017.	37-40
		2016-17	Dr. Raghavendra Sagar, Research Scientist & Faculty, Department of Physics visited Binghamton University for collaborative Research work from 5 th to 23 rd June 2017.	41-43
			Workshop on “Introduction to Data Mining & Data Analytics” on 10 th to 12 th April 2017.	44-51
			Lean Six Sigma Yellow Belt Certification on 20 th & 21 st September 2016.	52-53

Sl. No.	Name of the institution/ industry/ Corporate house with whom MoU is signed	Academic Year	Activity	Page No.
			Talk on “Higher Education in US” on 21 st September 2016.	54
2	Kumamoto University, Japan	2019-20	A session on “Remote Sensing and Drone Application in Civil Engineering” on 31 st August 2019.	55
		2018-19	Sessions on “Advanced Satellite/Drone Image Processing And Remote Sensing Techniques With Sustainable Approaches” and “Higher Education Opportunities at Kumamoto University, Japan” on 1 st & 2 nd April 2019.	56-57
			Dr. G. L. Easwara Prasad, Principal, Dr. Ganesh Mogaveer, Head of Civil Engineering Department visited Kumamoto University Japan on 13 th to 15 th March 2019.	58
		2017-18	Two days International Conference on “Advances in Manufacturing, Materials and Energy Engineering” (Icon MMEE 2018) on 2 nd & 3 rd March 2018.	59

Sl. No.	Name of the institution/ industry/ Corporate house with whom MoU is signed	Academic Year	Activity	Page No.
			Talk on “Renewable Energy and its importance in the present sustainable development to preserve natural resources and environment sustainability” on 2 nd March 2018.	60
		2016-17	Two days International conference on “Global Civil Engineering Challenges in Sustainable Development and Climate Change” on 17 th & 18 th March 2017.	61-63
			Technical talk on “Clean Energy & Renewable Energy and related Technology to prevent climate change” on 16 th March 2017.	64
3	Institute of Technical Education (ITE) - CollegeWest,Singapore	2017-18	Overseas Student Exchange Programme	65-78
		2016-17		79-84
4	Management Development Institute of Singapore	2019-20	Course on Management and Organization Behavior	85

Sl. No.	Name of the institution/ industry/ Corporate house with whom MoU is signed	Academic Year	Activity	Page No.
		2018-19	Course on Business Statistics and Analytics	85
		2017-18	Course on Quantitative Methods	85
		2016-17	Course on Quantitative Methods	85
		2015-16	Course on Business Analytics	85
5	BOSCH Rexroth India Ltd, Gujarat	2019-20	Certification Course on PLC Certification Course on Hydraulics & Pneumatics	86-89
		2018-19	Certification Course on PLC Certification Course on Hydraulics & Pneumatics	90-91
		2017-18	Certification Course on PLC Certification Course on Hydraulics & Pneumatics	92-93
		2016-17	Certification Course on PLC Certification Course on Hydraulics & Pneumatics	94-95
		2015-16	Certification Course on PLC Certification Course on Hydraulics & Pneumatics	96-97
6	Siemens Industry Software India Private Limited, Gurgaon	2019-20	Certification Course on NXCAD Certification Course on ROBCAD	98-101

MANGALORE INSTITUTE OF TECHNOLOGY AND ENGINEERING

(An ISO 9001: 2015 Certified Institution)

(Affiliated to Visvesvaraya Technological University Belagavi)

Badaga Mijar, Moodabidri-574225, Karnataka

Sl. No.	Name of the institution/ industry/ Corporate house with whom MoU is signed	Academic Year	Activity	Page No.
		2018-19	Certification Course on NXCAD Certification Course on ROBCAD	102-103
		2017-18	Certification Course on NXCAD Certification Course on ROBCAD	104-105
		2016-17	Certification Course on NXCAD Certification Course on NXCAM Certification Course on ROBCAD	106-109



MANGALORE INSTITUTE OF TECHNOLOGY AND ENGINEERING

(An ISO 9001: 2015 Certified Institution)

(Affiliated to Visvesvaraya Technological University Belagavi)

Badaga Mijar, Moodabidri-574225, Karnataka

Sl. No.	Name of the institution/industry/ Corporate house with whom MoU is signed	Academic Year	Activity	Page No
7	Karnataka Innovation & Technology Society	2019-20	IDEATHON: Think, Create, Re-imagine on 10 th August 2019.	110-111
			EVRY India IDEATHON on 20 th August 2019.	112-114
			Startup Karnataka's E-Step Bootcamp on 23 rd August 2019.	115-119
			UNLOCKED: Coding challenge on 14 th September 2019	120-121
			CHANGEATHON 2.0 24-Hours Hackathon on 15 th & 16 th November 2019.	122-125
			Workshop on National Startups Award 2020: Eligibility, Process and Benefits on 23 rd December 2019.	126-127
		2018-19	Short Term Course on Data Analytics on 4 th to 6 th October 2018.	128-129
			Short Term Course on IOT –Applied to Sustainable Technologies on 8 th & 9 th October 2018.	130-131
			Women Entrepreneurship Summit on 2 nd & 3 rd November 2018	132-136



MANGALORE INSTITUTE OF TECHNOLOGY AND ENGINEERING

(An ISO 9001: 2015 Certified Institution)

(Affiliated to Visvesvaraya Technological University Belagavi)

Badaga Mijar, Moodabidri-574225, Karnataka

Sl. No.	Name of the institution /industry/ Corporate house with whom MoU is signed	Academic Year	Activity	Page No
		2017-18	Changeathon 2018: A 24-hour Hackathon on 09 th & 10 th November 2018.	137-138
			Talk on Entrepreneurship on 9 th February 2018	139-140
			Two days workshop on Salesforce9 th & 10 th February 2018.	141
			Talk on Looking beyond Engineering on 12 th February 2018.	142-143
			SMARTATHON – A 24 Hour Hackathon on Smart Technologies on 23 rd & 24 th February 2018.	144
			Talk on Artificial Intelligence – Chat Bots on 24 th February 2018.	145-146
			STARTUP SUMMIT 2018 – IDEATHON on 24 th February 2018.	147-149
			Let's Talk: Igniting the Entrepreneur in you on 27 th February 2018.	150-151
			One day Workshop on Startups: All that you wanted to know about Startups on 20 th June 2018.	152-156
8	Infosys Campus Connect, Infosys Ltd, Bangalore	2019-20	Campus Connect Program	157-163
		2018-19	Campus Connect Program	164-170
		2017-18	Campus Connect Program	171-176
		2016-17	Campus Connect Program	177-184
		2015-19	Campus Connect Program	185-192

MANGALORE INSTITUTE OF TECHNOLOGY AND ENGINEERING

(An ISO 9001: 2015 Certified Institution)

(Affiliated to Visvesvaraya Technological University Belagavi)

Badaga Mijar, Moodabidri-574225, Karnataka

Sl. No.	Name of the institution/industry/ Corporate house with whom MoU is signed	Academic Year	Activity	Page No.
9	UiPath, Bangalore	2019-20	Virtual Educator Readiness - RPA Design and Development on 20 th to 29 th July 2020	193-194
			Virtual Educator Boot Camp - UiPath Certified RPA Associate (UiRPA) on 29 th June to 1 st July 2020.	195
			RPA Educator Diploma Course 2020.	196-203
			UiPath RPA SKILL-A-THON from May to June 2020.	204-206
			UiPath Academic #RPA Champ-2019 on 6 th & 7 th November 2019.	207
			Educator Workshop on 3 rd June 2019 to 7 th June 2019.	208-211
			Talk on RPA on 3 rd May 2019	212-213
		2019-20	JobOffer	214-219
			JobOffer	220-223

MANGALORE INSTITUTE OF TECHNOLOGY AND ENGINEERING

(An ISO 9001: 2015 Certified Institution)

(Affiliated to Visvesvaraya Technological University Belagavi)

Badaga Mijar, Moodabidri-574225, Karnataka

Sl. No.	Name of the institution/industry/ Corporate house with whom MoU is signed	Academic Year	Activity	Page No.
10	KPIT Technologies Ltd.	2018-19	Training	224-227
			Participated in Project competition -KPIT Sparkle	228-229
11	Silver peak Centre of Excellence on Japanese Language and Culture	2019-20	Japanese Language Proficiency Training Program	230-231
		2017-18	Job Offer	232-234
12	CAFET-INNOVA Technical Society, Hyderabad	2017-18	International workshop on Development of Sustainable Smart Cities: Perspectives on Engineering Challenges on 3 rd & 4 th January 2018.	235-241
			International Conference on Global Civil Engineering Challenges in Sustainable Development and Climate Change on 17 th & 18 th March 2018.	242-257
		2015-16	National conference on Advanced Trends in Civil Engineering & Sustainable Development on 26 th & 27 th February 2016	258-263

MANGALORE INSTITUTE OF TECHNOLOGY AND ENGINEERING

(An ISO 9001: 2015 Certified Institution)

(Affiliated to Visvesvaraya Technological University Belagavi)

Badaga Mijar, Moodabidri-574225, Karnataka

Sl. No.	Name of the institution/industry/ Corporate house with whom MoU is signed	Academic Year	Activity	Page No
13	Dakshina Kannada Nirmithi Kendra	2019-20	Students project	264-265
			Internship	266
		2018-19	Research Collaboration	267
			Industrial visit to Nirmithi Kendra	268-274
			Finishing School Program	275-278
			Internship	279-280
		2017-18	Industrial visit to Nirmithi Kendra	281
			Finishing School Program	282-284
14	Carl Zeiss India Pvt. Ltd., Bangalore	2017-18	FDP on Advances in Industrial Metrology and GD&T on 27 th & 28 th July 2018.	285-289
			Internship on 09 th July to 08 th August 2018	290-291
15	Master Plannery, Puttur, D.K	2018-19	Industrial Visit	292-293
		2016-17	Industrial Visit	294
			Internship	295
16	SAICADD, Bangalore	2019-20	AUTO CADD Training Program	296-297
		2018-19	AUTO CADD Training Program	298-302
		2017-18	AUTO CADD Training Program	303

MANGALORE INSTITUTE OF TECHNOLOGY AND ENGINEERING

(An ISO 9001: 2015 Certified Institution)

(Affiliated to Visvesvaraya Technological University Belagavi)

Badaga Mijar, Moodabidri-574225, Karnataka

Sl. No.	Name of the institution/industry/ Corporate house with whom MoU is signed	Academic Year	Activity	Page No
		2016-17	AUTO CADD Training Program	304
17	Dlithe, Bengaluru	2019-20	Internship	305-307
		2018-19	Internship	308-310
18	Heraizen Technologies, Bangalore	2019-20	Internship	311
		2018-19	Internship	312-314
19	Servify, Mumbai	2017-18	Internship	315
20	Mobizey, Bengaluru	2019-20	Internship	316-317
21	Numentrix Consulting Llp, Bengaluru.	2019 -20	Internship	318-321
22	Diagnostic Engineers, Bangalore	2019-20	Webinar on Balancing & Fault Diagnosis in Industrial Machines Using FFT Analyzer on 10 th October 2020	322-324
			Internship	325-329

MANGALORE INSTITUTE OF TECHNOLOGY AND ENGINEERING

(An ISO 9001: 2015 Certified Institution)

(Affiliated to Visvesvaraya Technological University Belagavi)

Badaga Mijar, Moodabidri-574225, Karnataka

Sl. No.	Name of the institution/industry/ Corporate house with whom MoU is signed	Academic Year	Activity	Page No
23	Paradigm Environmental Strategies (P) Ltd, Bangalore	2019-20	Submitted research proposal to DST	330-331
24	Pace Wisdom Solutions, Bangalore	2019-20	Internship	332
		2018-19		333
		2017-18		334-335
25	Juego Studio Pvt. Ltd, Mangalore	2016-17	Internship	336
		2015-16		337

MANGALORE INSTITUTE OF TECHNOLOGY AND ENGINEERING

(An ISO 9001: 2015 Certified Institution)

(Affiliated to Visvesvaraya Technological University Belagavi)

Badaga Mijar, Moodabidri-574225, Karnataka

Sl. No.	Name of the institution/ industry/ Corporate house with whom MoU is signed	Academic Year	Activity	Page No.
26	Sri Bhuvanendra College, Karkala	2019-2020	Skill Development Training	338-343
27	Government First Grade College, Punjalkatte, Belthangady			
28	Sri Mahaveera College, Moodbidri			
29	Government First Grade College, Kavoor, Mangalore	2018-19		344-349
30	Government First Grade College, Hebri, Udupi			
31	Mulki Sundar Ram Shetty College, Shirva, Udupi			
32	ST. Mary's College, Shirva, Udupi			
33	Sri Dhavala College, Moodbidri			

MANGALORE INSTITUTE OF TECHNOLOGY AND ENGINEERING

(An ISO 9001: 2015 Certified Institution)

(Affiliated to Visvesvaraya Technological University Belagavi)

Badaga Mijar, Moodabidri-574225, Karnataka

Sl. No.	Name of the institution/ industry/ Corporate house with whom MoU is signed	Academic Year	Activity	Page No.
34	Shri Durgaparameshwari First Grade College, Kateel, Mangalore	2017-2018	Skill Development Training	350-356
35	Manjunath Pai Memorial Goverment First Grade College, Karkala, Udupi			


 Principal
 Mangalore Institute of Technology & Engineering
 Badaga Mijar, MOODABIDRI - 574 225



MANGALORE INSTITUTE OF TECHNOLOGY & ENGINEERING

**An ISO 9001:2015 Certified Institution, Accredited by NAAC
(A unit of Rajalaxmi Education Trust)**

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

Department of Electronics and Communication Engineering

REPORT ON THE WORKSHOP-"ELECTRONIC SYSTEMS: HETEROGENEOUS INTEGRATION, THERMAL AND POWER MANAGEMENT, RELATED MACHINE LEARNING"

A 3-day workshop was organized by BINGHAMTON UNIVERSITY as a joint collaboration of three eminent institutes namely BINGHAMTON UNIVERSITY (BU), IIT MADRAS & IIT ROPAR based on the theme - "ELECTRONIC SYSTEMS: HETEROGENEOUS INTEGRATION, THERMAL AND POWER MANAGEMENT, RELATED MACHINE LEARNING". The workshop was held in online mode from October 6th -8th 2020 in Google Meet Platform. Eminent personalities from various institutes with the likes of IITs, BU and Industry experts addressed the sessions. Notable speaker was the Nobel laureate from BU, M. Stanley Whittingham. The workshop attracted large audience and around 60 participants across the world attended the session. Mangalore Institute of Technology and Engineering was also the part of the event.

The session commenced on 6th October at 7.00 PM. The session began with the welcome address from 3 personalities Bahgat Sammakia, Vice President Research, Binghamton University, Hari Srihari, Dean, Watson College of Engineering, Binghamton University and Ragunath Rengaswamy, Dean, Global Engagement, IIT Madras. They briefed about the workshop theme and gave introduction to the speakers of the Workshop. M. Stanley Whittingham Nobel Laureate Binghamton University was the first speaker of the workshop. He gave a detail and in-depth insight into Introduction to power usage in India/World. In his presentation he explained the Soft lattice of TiS_2 . Later he shifted his focus onto the stability challenge of High Ni NMC. He also mentioned about Li-ion batteries and its hazardous nature. Later on, he gave analytical explanation on Li_2VOPO_4 - reversible intercalated cathode. The talk ended with a conclusion on the future for intercalation batteries. The second speaker of the workshop was Sarit Das, Professor and Director, IIT Ropar. His talk was on Nano-fluids. He gave experimental and computational details and flow maldistribution of Nano-fluids. He also discussed about thermal performance, concept and domain for

cooling of non-uniform heat flux in Nano-Fluids. The talk ended with suggestions for cooling single and twin hotspots. After Sarit Das talk, the session was continued by Rangan Banerjee, Professor, Energy Engineering, IIT Bombay. Rangan Banerjee stressed on Energy and Carbon Management for next generation electronic systems. His talk was focused on Sustainable energy systems, carbon dioxide emissions of product/system and strategies for energy and carbon management. The talk ended with Life cycle analysis and Sustainability analysis. After the conclusion of Rangan Banerjee's talk, the session resumed with the talk of SB Park, Professor and Director, IEEC, Binghamton University. Mr. Park, in his talk, brought forth the concept of implementing smarter electronics manufacturing schemes. He analyzed the various challenges and opportunities in Electronic Industry, AI and Industry 4.0 in smart electronics manufacturing. He explained about the importance of Smart electronics manufacturing lab. He also discussed process analytics and dynamic controls in electronic manufacturing. He emphasized about Intelligent manufacturing factory. The talk concluded with a note on key functions of surface mount technology. Pritam Das, Assistant Professor, Binghamton University took over from Mr. Park. Pritam Das's talk was based on Wide band gap SiC based novel single stage power converter topologies for solid state transformers. The talk began with the introduction to power electronics. He brought about the concept of existing power architecture and the available 3-phase ac-dc converters. Later he shifted his focus onto the role of power electronics and two loop control schemes. He ended his talk with a brief end-note on LEDs in modern lighting market. The last speaker of the day was Bhyrav Mutnuru, Senior Distinguished Engineer, Dell. His talk was based on Thermal and Electric Co-simulation of high-speed signals. His talk focused on the concept of SI modeling and CFD modeling. The day ended with thanksgiving for the eminent speakers.

The second day of the workshop began from 7.00PM on 7th Oct 2020. Sanjay Wandhekar, Senior Director, CDAC was the first speaker to address the audience. The main theme of the talk was Recent trends in thermal management of HPC/Supercomputing systems. In his talk, he introduced about Data cooling centers and HPC systems. Next, in his talk, he explained about cold Aisle/ Hot Aisle containment along with RHDX cooling. Later he explained about three types of cooling namely Server cooling with direct contact, liquid cooling and Immersion liquid cooling. After conclusion of his talk, William Chen, ASE Fellow, ASE took over the session. Mr. Chen's talk was focused on Heterogeneous Integration roadmap-driving force for system of the future. The talk began with Heterogeneous integration through SiP. Then he gave an insight into the number of companies involved in Heterogeneous Integration in 2006-

2020. Later he talked about Moore's law economics and then enticed the audience with technology road mapping history. He gave a clear definition of heterogeneous integration and Heterogeneous Integration (HI) through SiP and then brought forth market and Applications in digital transformation as well as Innovations in HI through SiP. Sameer Khandekar, Professor, Mechanical Engineering, IIT Kanpur took over from Chen. Mr. Khandekar in his presentation brought out the concept of heat pipes. He stressed on going beyond conventional heat pipes: Pulsating and Loop Heat Pipes as a passive thermal management option for Electronics cooling. Then he explained about Phase change technology with different aspects of conventional heat pipe, its applications and limitations. Then he explained on Loop heat pipes and its applications. Final few minutes of his talk was on LHP for LED cooling, Research issues, Pulsating heat pipes and Genealogy of passive systems. He ended his talk with a closing note on PHPs- constructional heat transfer mechanisms and discussed about few industrial prototypes. The session was then continued by Bahgat Sammakia, Vice President for Research. He talked on Liquid cooling of HI systems with an emphasis on cold plate optimization. He focused on Optimization opportunities, approach, Neural Network perspective, Data, and data reduction. Later Scott Schiffres, Associate Professor, Binghamton University took over from him. Mr. Scott's talk was on 3D printing for enhanced electronics cooling. He discussed balanced electronic cooling, thermal aspects, motivation, IBM embedded cooling concept, Selective laser sintering/ melting, Native method of printing onto Silicon and Frequency domain thermo reflectance, optimization of 3D printed copper plated. After Scott completed his talk Arun Chandrashekar, Sr. Principal Engineer, Intel Bangalore continued the session. The topic of discussion in Arun's talk was the design and technology challenges with on package heterogenous integration. In his talk, he gave a lot of emphasis on Moore's law, disaggregation method, die defect density and yield, Monolithic integration, 2D MCP, 2.5D silicon integration, EMIB design choices, 3D stacking, Bump sharing challenges, beyond 3D Foveros and real world solutions. The last speaker of the day was Mark Poliks, Professor, Binghamton University. His talk related to Advanced manufacturing of Flexible Electronics. In his presentation he gave a lot of emphasis on Flexible Hybrid Electronics (FHE), Wearables 2020 and beyond, Typical HFE cross-section, Aerosol Jet printing on complex surface, Additive manufacturing and FHE for RF, work flow diagram, printed RF antennas and antenna arrays and disposable wireless devices. The day ended with thanksgiving for the eminent speakers.

On the last day of the workshop Rajendra Joshi, Senior Director, CDAC discussed about Accelerating Biology in relation to Computing, Analytics,

Visualization and Beyond. He gave importance to Future of Biology, Oceans of genomic data, Extreme computing, Gigantic analytic engines, High speed network, Global genomic clouds, National repository of genomic data, Visualization walls and Virtual reality and Big data to knowledge. His talk was immediately followed by the talk of Kanad Ghose, Distinguished Professor, Binghamton University. Mr. Ghose in his talk laid the foundation for Dynamic Management of IT, Cooling, Power and Renewables for Data Centers. In his talk he emphasized on several points like Data centers architecture in simplified form, interesting data center facts, poor energy usage-causes, Dynamically right sizing server capacity, Dynamic Capacity Provisioner (DCP), Challenges and mitigation, ES2 prototype of DCP, Server state transitions, Energy savings, Service latency impact, addressing power phase imbalances, power phase aware DCP, Role of clean energy sources and storage in Data centers. Next speaker to speak was Ravi Mahajan, Intel Fellow, Intel. He pressed the need for advanced packaging architectures for heterogeneous Integrations. He gave details about sustainability of interest in packaging architectures, Intel's packaging Vision, Interconnects in advanced packaging, High density interconnects, State of advanced packaging, 2D MCP landscape, Intel Foveros Technology, 3D MCP, CO-EMIB. Next speaker to speak was Aravind Kumar, Manager, IBM. He stressed on Advanced AI through system and packaging innovations. He brought to the light some important facts like AI revolution, Deep learning, diversity of components, Compute Requirements, Memory-Bandwidth requirement, connectivity requirements, Heterogenous Integration (HI), Interconnect Hierarchy, AI training hardware, adoption of chiplets, HI platform for AI and Cloud computing future. Another speaker Sourajeet Roy, Assistant Professor, IIT Roorkee soon followed up with discussion on recent advances in statistical machine learning for uncertainty quantification of high-speed circuits. In his speech he cut out some facts regarding Spectral Metamodel, Spectral methods, Training of metamodel, curse of dimensionality, Basic premise of Multi fidelity, Low fidelity Model identification, High fidelity model identification, Training and Corrector Metamodel. Later in the day Balaraman Ravindran, Professor, IIT Madras spoke on the aspect of looking under the Hood of Deep Neural Networks. He clarified on pruning in Neural Networks, Filter Pruning, Deep learning on CPU and GPU, Randomly Pruning Filters, General Algorithm, Results of image classification, training from a smaller network, Dynamic optimizations, and other opportunities. The last to speak was Dipanjan Gope, Associate Professor, IISc Bangalore. He explained about the Role of Machine Learning in Physics based simulations. He threw light on some important aspects like Antenna and RCS, Microelectronics applications, Biological systems, Role of machine learning, Forward versus inverse problem, commercial standard, Benign-Malignant

contrast analysis, Advantages of RF imaging, Research setup, ML classification, Hybrid Machine Learning optimization approach.


The workshop concluded on the last day (8th Oct 2020) with thanksgiving for different speakers who made themselves available despite their busy schedule and for participants for actively participating in the workshop and asking queries with the speakers.

Attendees!

Ranjith H D



Dr. Vishwanath H S


Dept. of E & C Engg

Mangalore Institute of Technology & Engineering
Badaga Mijar, MOOBBIDRI - 574 225

Certificate of Participation

AWARDED TO

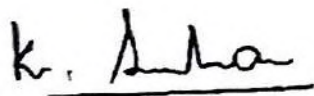
Dr VISHWANATH MADHAVA SHERVEGAR

FOR PARTICIPATION IN

Next Generation Electronic Systems:

Heterogeneous Integration, Thermal and Power Management, Related Machine Learning

Binghamton University, IIT Madras and IIT Ropar • October 6, 7 & 8, 2020



Krishnaswami "Hari" Srihari
Dean, Thomas J. Watson College of Engineering
and Applied Science, Binghamton University



Arvind Pattamatta
Associate Professor, IIT Madras



Rohit Sharma
Associate Professor, IIT Ropar

Next Generation Electronic Systems:

Heterogeneous Integration, Thermal and Power Management, Related Machine Learning

BINGHAMTON
UNIVERSITY
STATE UNIVERSITY OF NEW YORK



Certificate of Participation

AWARDED TO

Ranjith H D

FOR PARTICIPATION IN

Next Generation Electronic Systems:

Heterogeneous Integration, Thermal and Power Management, Related Machine Learning

Binghamton University, IIT Madras and IIT Ropar • October 6, 7 & 8, 2020



Krishnaswami "Hari" Srihari
Dean, Thomas J. Watson College of Engineering
and Applied Science, Binghamton University



Arvind Pattamatta
Associate Professor, IIT Madras



Rohit Sharma
Associate Professor, IIT Ropar

Next Generation Electronic Systems:

Heterogeneous Integration, Thermal and Power Management, Related Machine Learning

BINGHAMTON
UNIVERSITY
Vestal, NY 13827 • NEW YORK



Talk on 'Higher Education in US'
by Dr. Sang Won Yoon, Binghamton University
6th October 2018



Dr. Sang Won Yoon, Professor of Systems Science and Industrial Engineering Dept from Binghamton University presented a Talk on 'Higher Education opportunities at Binghamton University' on 6th October 2018. Dr. Sang Won briefed about the University Courses, eligibility exams, opportunities of Research and Projects and Job opportunities after completing Masters at Binghamton University. A snapshot of Indian alumni from Binghamton University was also presented. Total of 100 students attended the talk and were also had a one-to-one interaction with the Professor after the Talk.

Presently Binghamton University is ranked 8th Public University in US by Forbes Magazine. Dr. Sang Won Yoon is Professor of Systems Science and Industrial Engineering Dept, of Thomas J Watson School of Engineering and Applied Science from Binghamton University, State University of New York, USA.

Narendra U P
Narendra U P
Dean (Placement & Training)
Mangalore Institute of Technology and Engineering
Badagamijar P.O., Moodabidri Dist - 574225
Tel : 08258 262695 - 99 EXT: 165



Mangalore Institute of Technology and Engineering

(An ISO 9001:2015 Certified Institution)

(A Unit of Rajalaxmi Education Trust)

Badaga Mijar, Moodbidri-574225

Activity Report

Title: Technical talk on “Data Mining and Data Analytics”

Resource Person: Prof. Sangwon Yoon, Binghamton University, USA.

Date: 04/10/2018

Time: 09.00AM to 2:00PM

Target Audience: Students of CSE, ECE & ISE

Profile of the Speaker: Prof. Sang Won Yoon is an Associate Professor in Systems Science & Industrial Engineering, Binghamton University, USA. He has obtained a Doctoral Degree from Purdue University, United States. His research interest includes Integrated Production & Service Systems, Healthcare Systems Engineering, Decentralized Decision Modeling, Collaborative Control Theory and Enterprise Collaboration. Professor has published several research articles in reputed journals, having a highest citation of 1030.

Keynote address: Professor Sang Won elucidated on Data Analytics Framework and Application in detail. Topics covered are the characteristics of real-life data sets, how to discover meaningful knowledge from it, how to integrate, pre-process, transform and analyze data. Learn various machine learning algorithms for classification and clustering. Apply data mining & analytics techniques to develop intelligent systems to solve real-world problems.

Session helped students in gaining a general understanding of data mining & analytics techniques. He explained the concepts associated with data analytics in practice, learn tools in use in data mining areas, various areas of advanced analytics including clustering, statistical regression model, classification, etc.

Professor Sang won given detailed presentation on pictorial and tabular methods in descriptive statistics, foundation of probabilities, discrete random variables, probability distribution and important theorems.



Mangalore Institute of Technology and Engineering

(An ISO 9001:2015 Certified Institution)

(A Unit of Rajalaxmi Education Trust)

Badaga Mijar, Moodbidri-574225

Then professor Sang won briefed on Pictorial and Tabular Methods including Stem & Leaf, Histograms, Box Plot. He highlighted the information's captured form **Stem & Leaf** are average location, spread, gaps, peaks and outliers. A **histogram** is a bar graph of raw data that creates a picture of the data distribution. The bars represent the frequency of occurrence by classes of data. A **histogram** shows basic information about the data set, such as central location, width of spread and shape. The **box plot** is a standardized way of displaying the distribution of data based on the five number summary that is minimum, first quartile, median, third quartile, and maximum. Axioms of probabilities are explained along with example exercises, permutations, combinations, conditional probabilities and law of total probabilities were also discussed.

Professor explained the applications of **Bayes' theorem** in Bayesian inference, a particular approach to statistical inference. When applied, the probabilities involved in Bayes' theorem may have different probability interpretations. With Bayesian probability interpretation, the theorem expresses how a degree of belief, expressed as a probability. **Chebyshev's theorem** is explained to find the proportion of observations that we expect to find within two standard deviations from the mean.



Mangalore Institute of Technology and Engineering

(An ISO 9001:2015 Certified Institution)

(A Unit of Rajalaxmi Education Trust)

Badaga Mijar, Moodbidri-574225



Technical talk on "Data Mining and Data Analytics" by Prof. Sangwon Yoon, Binghamton University, USA

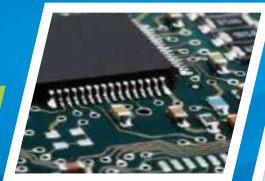
Head of the Dept. of E & C Engg.
Mangalore Institute of Technology & Engineering
Badaga Mijar. MOODBIDRI - 574 225

Head of the Dept. of Info. Sci. & Engg.
Mangalore Institute of Technology & Engineering
Badaga Mijar. MOODBIDRI - 574 225

Head of the Dept. of Comp. Sci & Engg.
(Mangalore Institute of Technology & Engineering)
Badaga Mijar. MOODBIDRI - 574 225



2018 IEEE International Conference on Distributed Computing, VLSI, Electrical Circuits and Robotics (DISCOVER)



Conference Id - 43909

13th & 14th August 2018 | Venue: MITE Campus

Hosted by

Mangalore Institute of Technology & Engineering

(An ISO 9001:2008 Certified Institution)

(A Unit of Rajalaxmi Education Trust (R.), Mangaluru)

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

BINGHAMTON
UNIVERSITY
STATE UNIVERSITY OF NEW YORK



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.

About IEEE Mangalore Sub Section

IEEE Mangalore Sub-Section approved by MGA Board on 23rd Nov. 2013 is dream of Engineers in general and IEEE Members of Coastal Region of Karnataka in particular. The efforts of more than 90 members in this region covering 30 odd Engineering colleges and Many Industries in the geographical area of S. Kanara, Udupi, North Kanara, Chikmagalur, Shimogga and Coorg Districts of Karnataka.

Objectives of the Conference

2018 IEEE International Conference on Distributed Computing, VLSI, Electrical circuits and Robotics (DISCOVER) is being conducted by the IEEE Mangalore Sub-Section (R0011901) at Mangalore Institute of Technology & Engineering (MITE), Moodbidri, Mangalore, India. A series of Keynote Talks, followed by paper presentations and poster presentations have been planned to foster strong networking among the delegates. Accepted and presented papers will be published in IEEE Xplore® Digital Library (Conference ID: 43909) through the IEEE Conference Publications Program (CPP). DISCOVER solicits paper submissions across five tracks as listed below. Kindly note that the submissions are not limited to the topics mentioned in each track. Technical Program Committee of DISCOVER will select One Best Paper in each of the tracks mentioned below. Best Paper Awards will be announced and distributed during the Conference.

Call for Papers

DISCOVER solicits Paper submission in five tracks as listed below. Kindly note that the submissions are not limited to the topics mentioned in each track.

1. Distributed Computing

Multi-core Architecture, Parallel & Distributed Systems, Agent-Based Systems, Autonomic Computing, Mobile & Ubiquitous Computing, Service-Oriented Computing, Scalable Servers and Systems, GPU Programming, Parallel & Distributed Algorithms

2. Communications

Network algorithms, Network Control & Management, Disaster Recovery of Networks, Cognitive Communications, Wireless Sensor Networks, Software Defined Networks, Future Internet Architecture, Optical Networks, Internet of Things, Network Performance Analysis.

3. VLSI

VLSI Circuits and Systems, RF Circuit Design and Testing, Emerging Trends in VLSI, Reconfigurable Systems, System on Chip, Heat Dissipation Analysis, Design of MEMS Devices, Optical MEMS Devices, Analog / Mixed Signals, RF Circuit Analysis.

4. Electrical/Electronic Circuits

Electrical AC/DC Circuits, Analog and Digital Circuits, High-speed/low-power circuits, Near and sub-threshold circuits, Nonlinear Circuits & Systems, Neural/fuzzy-logic circuits, Energy efficient circuits, FPGA based systems.

5. Robotics

Robotic Technologies, Robots for Industrial Applications, Robots for Domestic Premises, Robots for Education, Robots for Health Care, Robots for Transportation, Robots for Commercial Usage, Humanoids.

Committee

General Chair

G L Easwara Prasad, MITE Moodabidri, India

Niranjan N Chiplunkar, NMAMIT Nitte, India

Steering Committee

Rajesh Chowta, Chairman, Rajalaxmi Educational Trust, India

Debabrata Das, Chairman, IEEE Bangalore Section, India

N R Shetty, Former Vice-Chancellor, Bangalore University, India

Advisory Committee

G R Rai, MITE Moodabidri, India
Douglas H Summerville, Binghamton University, USA
Alok Rastogi, Binghamton University, USA
G K Prabhu, MIT Manipal, India
K Uma Maheshwar Rao, NITK Surathkal, India
Narasimha Bhat, Manipal Dot Net Pvt. Ltd., India
Nagaraj, VTU, India
Prashanth Bhat, Manipal Dot Net Pvt. Ltd., India
Rohit Bhat, Robosoft Technologies, India

Organizing Chairs

Srikrishna Shastri C, MITE Moodabidri, India
Nagesh Prabhu, NMAMIT Nitte, India

Program Chairs

Manohar Pai M M, MIT Manipal, India
Niranjan U C, Manipal Dot Net Pvt. Ltd., India
Venkatramana Bhat P, MITE Moodabidri, India

Technical Programme Committee Chairs

Annappa B, NITK Surathkal, India
Ganesh Aithal, MITE Moodabidri, India
Manjunath K N, MIT Manipal, India
Mohit P Tahiliani, NITK Surathkal India
Radhika Pai, MIT Manipal, India
Satisha, MITE Moodabidri, India
Vasudeva Acharya, SMVITM Bantakal, India

Finance Chairs

Pushparaj Shetty, NITK Surathkal, India
Swapna Srinivasan, MITE Moodabidri, India

Website Chairs

Mohit P Tahiliani, NITK Surathkal India
Ujjwal Verma, MIT Manipal, India

Sponsorship Chairs

Narendra U P, MITE Moodabidri, India
Praveen Kalbhavi, Novigo Solutions, Mangalore, India

Publicity Chairs

Ashwini Holla, CEC Mangalore, India
Ganesh V N, MITE Moodabidri, India
Keith Fernandes, SJEC Mangalore, India
Neelima B, NMAMIT Nitte, India
Ramalingam H M, MITE Moodabidri, India
Ujjwal Verma, MIT Manipal, India

Registration Chairs

Annappa Swamy D R, MITE Moodabidri, India
KVSSSS Sairam, NMAMIT Nitte, India
Ravinarayana B, MITE Moodabidri, India
Rekha Bhandarkar, NMAMIT Nitte, India

Local Arrangements

Balaji B, SoIS, Manipal, India
Manjunath H, MITE Moodabidri, India
Pallavi Mane, MIT Manipal, India
Shree Kumar T, MITE Moodabidri, India

Important Dates

Paper submission deadline : Sunday, March 18, 2018
 Acceptance notification : Monday, April 30, 2018
 CRC submission deadline : Sunday, May 20, 2018
 Last date for registration : Sunday, May 20, 2018
 Conference dates : August 13-14, 2018
 (Monday & Tuesday)

Registration Fees

Author	Regular Author	IEEE Author	Student Author	IEEE Student Author	Regular Attendee	IEEE Student Attendee
Indian (In INR)	INR 9500	INR 8500	INR 8500	INR 7300	INR 3000	INR 2500
Foreign (In USD)	USD 425	USD 375	USD 375	USD 135	USD 155	USD 105

Payment Details

Payment of Registration Fee can be made by online transaction.

Details are furnished below:

Bank Name: **Canara Bank**

Account Name: **IEEE Mangalore**

Account No.: **8517 1010 03602**

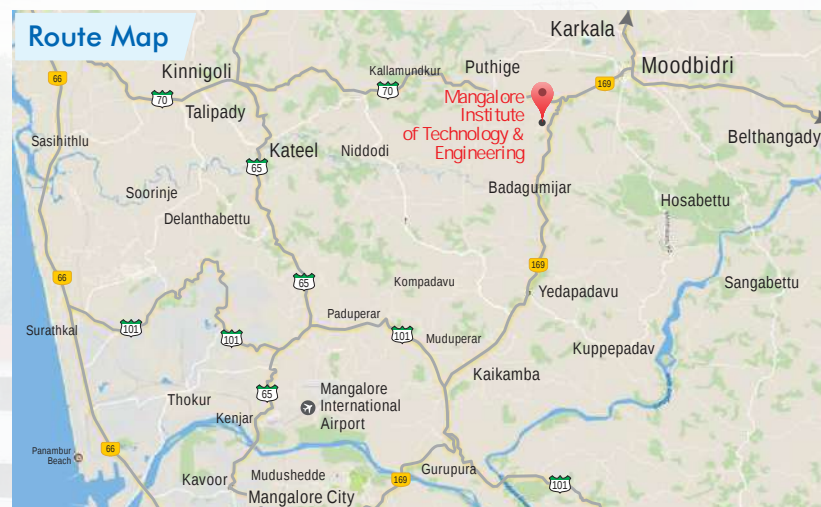
Indian Financial System Code (IFSC): **CNRB0008517**

Society for the Worldwide Interbank Financial Telecommunication

(SWIFT) Code: **CNRBINBBRFM**

Please mention your Paper-ID and

FULL NAME while making the online payment.



Contact

Srikrishna Shastri C

Associate Professor

Mangalore Institute of Technology and Engineering

Moodabidri, Karnataka, India

Email: org.discover18@mite.ac.in

Nagesh Prabhu

Professor

NMAM Institute of Technology

Nitte, Karnataka, India

Website: www.ieee-discover.org

E-mail: ieeediscoverconf@gmail.com

Sponsorship Details

Sponsorships for IEEE Discover are categorized mainly into four levels - Platinum, Gold, Silver and Bronze - each with its own set of perks. All of the necessary details are as stated below. Pick your category and proceed.

Platinum Sponsors - INR 2,50,000

- Recognition as PLATINUM sponsor of the conference.
- Exhibit space during the conference.
- Name and Logo on Conference Banner.
- Logo on Conference Badge.
- Logo on Conference invitations.
- Opportunity to place a company banner at the conference venue
- 3 Complimentary conference registrations
- 3 Complimentary conference banquet tickets
- 20 minute Session opportunity during the conference
- Company-provided promotional items in the conference registration kit
- Full Page Advertisement in the conference program booklet
- Acknowledgements during opening and closing sessions
- Opportunity to place a company banner at the conference dinning venue
- Opportunity as Guest of Honor for Inaugural function or as Keynote Speaker Banner with logo of the sponsor will be displayed at the venue of all the events of IEEE Mangalore Sub-Section

Gold Sponsors - INR 1,50,000

- Recognition as GOLD sponsor of the conference.
- Exhibit space during the conference.
- Name and Logo on Conference Banner.
- Logo on Conference Badge.

- Opportunity to place a company banner at the conference venue.
- Two Complimentary conference registrations.
- Two Complimentary conference banquet tickets.
- 15 minute Session opportunity during the conference.
- Company-provided promotional items in the conference registration kit.
- Half Page Advertisement in the conference program booklet.
- Acknowledgements during opening and closing sessions.
- Opportunity to place a company banner at the conference dinning venue.

Silver Sponsors - INR 50,000

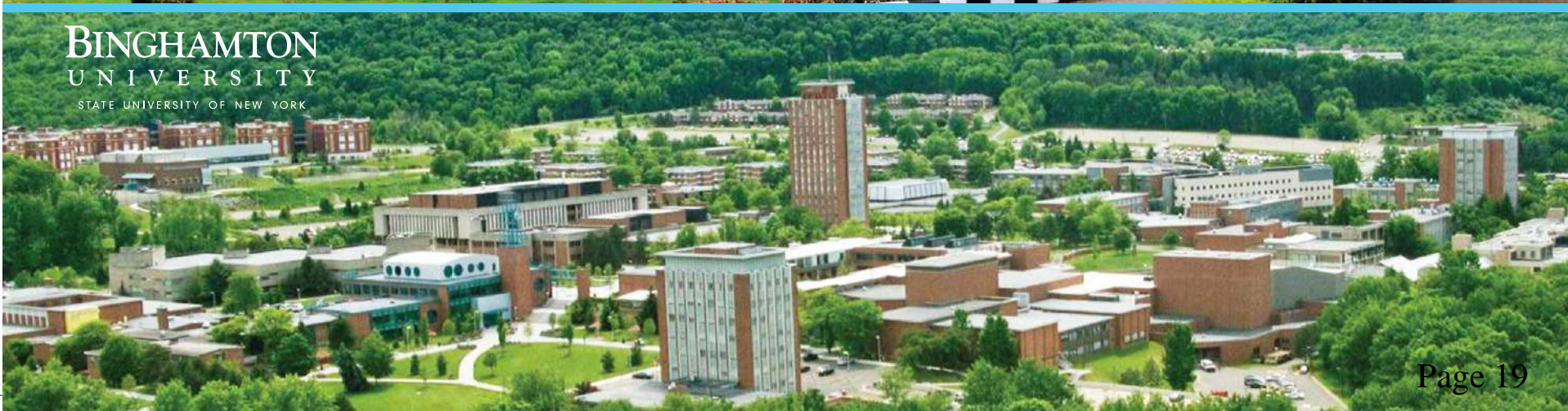
- Recognition as SILVER sponsor of the conference.
- Exhibit space during the conference.
- Name and Logo on Conference Banner.
- Logo on Conference Badge.
- Opportunity to place a company banner at the conference venue.
- Two Complimentary conference registrations.
- Two Complimentary conference banquet tickets.
- 15 minute Session opportunity during the conference.
- Quarter Page Advertisement in the conference program booklet.
- Acknowledgements during opening and closing sessions.

Bronze Sponsors - INR 25,000

- Recognition as BRONZE sponsor of the conference.
- Opportunity to place a company banner at the conference venue.
- Acknowledgements during opening and closing sessions



BINGHAMTON
UNIVERSITY
STATE UNIVERSITY OF NEW YORK



**International Conference on Distributed Computing, VLSI, Electrical
Circuits and Robotics ‘DISCOVER’**

IEEE International Conference on Distributed Computing, VLSI, Electrical Circuits and Robotics (DISCOVER) was conducted at Mangalore Institute of Technology & Engineering (MITE), Moodbidri on 13th and 14th August 2018. The conference was jointly organized by IEEE Mangalore sub-section and MITE. The aim of the conference was to create an opportunity for the researchers of various Colleges / Universities / Industries / Research Organizations to exhibit and present their innovation, creativity and research. Dr. Tulika Mitra, Professor, School of Computing, National University of Singapore inaugurated the conference. Prof. Alok Rastogi, Department of Electrical and Computer Engineering, The Watson School of Engineering and Applied Sciences, Binghamton University delivered a keynote address. He explained about the various semiconductor devices and the process involved in the manufacturing of semiconductor chips, non-volatile memory and photovoltaic cells. Total 130 papers were received from all over the globe. However, after three rounds of peer review, to maintain the quality of the papers 50 papers were selected for conference presentation. The conference presentations were conducted in 5 different tracks namely distributed Computing, Communication, VLSI, Electrical and Communication Circuits and Robotics.

MANGALORE INSTITUTE OF TECHNOLOGY AND ENGINEERING

(An ISO 9001: 2015 Certified Institution)

(Affiliated to Visvesvaraya Technological University Belagavi)

Badaga Mijar, Moodabidri-574225, Karnataka



International Conference proceedings volume released by Dr. Tulika Mitra, Professor, School of Computing, National University of Singapore



Keynote address by Prof. Alok Rastogi, Department of Electrical and Computer Engineering, The Watson School of Engineering and Applied Sciences, Binghamton University

MANGALORE INSTITUTE OF TECHNOLOGY AND ENGINEERING

(An ISO 9001: 2015 Certified Institution)

(Affiliated to Visvesvaraya Technological University Belagavi)

Badaga Mijar, Moodabidri-574225, Karnataka



Keynote address by Dr. Tulika Mitra, Professor, School of Computing, National University of Singapore

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

[Signature]
Head of the Dept. of Info. Sci. & Engg.
Mangalore Institute of Technology & Engineering
Badaga Mijar, MOODBIDRI - 574 225

[Signature]
Head of the Dept. of Comp Sci & Engg.
Mangalore Institute of Technology & Engineering
Badaga Mijar, MOODBIDRI - 574 225

MANGALORE INSTITUTE OF TECHNOLOGY & ENGINEERING

(An ISO 9001:2015 certified Institution)

(A Unit of Rajalaxmi Education Trust[®], Mangalore)

BadagaMijar, Moodabidri

LEAN SIX SIGMA GREEN BELT TRAINING

Department of Mechanical Engineering of Mangalore Institute of Technology & Engineering (MITE), Moodabidri in collaboration with Binghamton University, State University of New York organized a five days "Lean Six Sigma Green Belt Training (LSSGBT)" from April 16th to 21st, 2018 at MITE campus. 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 conducted training sessions on various aspects of lean six sigma. Around 50 students from Mechanical Engineering discipline participated in the program and benefited by acquiring the knowledge on applications of Lean Six Sigma. The welcome address is given by Dr. Rajashekara, HOD, Mechanical engineering, MITE.



Figure 1. Lean Six Sigma Green Belt Training by Dr. Mohammad T. Khasawneh.



Figure 2. Participants for Lean Six Sigma Green Belt Training

The training program handout and data spreadsheet was shared with all the participating students on 10th April 2018. In addition to the above training sessions, Professor offered students to access a pre-recorded Statistics course. This course of 6.5 hours duration would serve as an excellent pre-requisite for students enrolled in the training program. The Link, username and password for this course was mailed to all students well before the commencement of the program.

Following are the topics covered in various session spread over five days.

DAY 1

The program scheduled on 16th April 18, 2018 at 1.30pm to 6pm with appropriate break times. Professor did the revision of yellow belt training. Continuous improvement process, Fundamental concepts and Lean are the topics covered on the day 1.

DAY 2

On Day 2, Introduction to Six Sigma and DAMIC frame work was covered by professor. The students were informed to download MINITAB and Microsoft excel for problem solving. Define, Measure & Analyse phases were discussed in detail on the same day.

DAY 3

Improve and Control phase was discussed in detail. An understanding of Design of experiments (DOE) & statistical models and their associated procedures used to analyze the differences among group means by Analysis of variance (ANOVA). Case study on lean Six Sigma was done on the same day. Exam overview and instructions are given to students in afternoon session.

DAY 4

Day 4 was kept entirely for solving student's doubts.

DAY 5

Exam was scheduled on day 5 & 6. Question paper consists of 11 questions and should be done individually. Collaborating on any of the exam questions is not acceptable and will result in a zero on the exam. The answers should be typed in order and submitted as one MS Word file (with charts/graphs done using Microsoft Excel and/or Minitab inserted into the MS Word file). Program participants are NOT permitted to share and/or discuss the exam questions, approach to solving a question, and/or answers, even after the completion of the program.



Figure 3. Participants undergoing LSSGB Exam.



Dr. Mohammad T. Khasawneh, Ph.D.
Professor & Chair, Systems Science and Industrial Engineering
Associate Director, Watson Institute for Systems Excellence
Director, Healthcare Systems Engineering Center
Graduate Program Director, Executive Master of Science in Health Systems
Graduate Program Director, Industrial and Systems Engineering
Thomas J. Watson School of Engineering and Applied Science
State University of New York at Binghamton
Binghamton, New York 13902, USA

Karath
Head of the Dept of Mechanical Engg.
Mangalore Institute of Technology & Engineering
Badaga Mijar, MOODIBIDRI - 574 225
Scanned with CamScanner



Head Mech. <hodmec@mite.ac.in>

Proposed Schedule for Lean Six Sigma Green Belt (LSSGB) Course at MITE

7 messages

Mohammad T Khasawneh <m khasawn@binghamton.edu>

Wed, Apr 4, 2018 at 1:13 PM

To: Principal MITE <principal@mite.ac.in>

Cc: "Head Mech." <hodmec@mite.ac.in>, rajeshchouta@ret.ac.in, Krishnaswami Srihari <srihari@binghamton.edu>, Astrid Stromhaug <astromha@binghamton.edu>, Michael V Testani <mtestani@binghamton.edu>

Dear Dr. Prasad,

I hope this email finds you and our colleagues at MITE well and in best conditions. I am looking forward to my upcoming visit to MITE on April 16th to deliver the lean six sigma green belt training. In preparation for the offering of this program at MITE, please find below the proposed schedule for the visit. I have also included other pertinent information to the LSSGB training program (in the body of the email and attached files).

FYI, I will be departing BOM on Monday, April 16 at 10:25am (scheduled time) via Air India (AI 679) to Mangalore (IXE), arriving at Mangalore at 12:00pm (noon). I will be departing IXE (back to BOM) at 6:10pm via Indigo (IndiGo 459) on Thursday, April 19th. Below is a preliminary schedule for your review:

- Day 1 - Monday - April 16, 2018 ✓
 - Session 1: 1:30-3:15pm ✓
 - Break: 3:15-3:30pm ✓
 - Session 2: 3:30-4:45pm ✓
 - Break: 4:45-5:00pm ✓
 - Session 3: 5:00-6:00pm ✓
- Day 2 - Tuesday - April 17, 2018 ✓
 - Session 1: 8:30-10:15am ✓
 - Break: 10:15-10:30pm ✓
 - Session 2: 10:30-11:45am ✓
 - Break: 11:45-12:00pm ✓
 - Session 3: 12:00-1:00pm ✓
 - Lunch Break: 1:00-2:00pm ✓
 - Session 4: 2:00-3:45pm
 - Break: 3:45-4:00pm
 - Session 5: 4:00-6:00pm
- Day 3 - Wednesday - April 18, 2018
 - Session 1: 8:30-10:15am
 - Break: 10:15-10:30pm
 - Session 2: 10:30-11:45am
 - Break: 11:45-12:00pm
 - Session 3: 12:00-1:00pm
 - Lunch Break: 1:00-2:00pm
 - Session 4: 2:00-3:45pm
 - Break: 3:45-4:00pm
 - Session 5: 4:00-6:00pm
- Day 4 - Thursday - April 19, 2018
 - Morning: Study period for students enrolled in the program
 - Review Session: 11:00am-1:00pm
 - Afternoon: Study period for students enrolled in the program
 - Live office hours by Teaching Assistant (Mr. Hussam Alothman): 6:00-8:00pm (India Standard Time)

- Day 5 - Friday - April 20, 2018
 - In-Class Final Exam Day 1: 8:00am - 6:00pm (with appropriate break times - mid-morning, lunch, mid-afternoon)
 - Session 1: 8:30am-1:00pm
 - Lunch Break: 1:00-2:00pm
 - Session 2: 2:00-6:00pm
- Day 6 - Saturday - April 21, 2018
 - In-Class Final Exam Day 2: 8:00am - 6:00pm (with appropriate break times - mid-morning, lunch, mid-afternoon)
 - Session 1: 8:30am-1:00pm
 - Lunch Break: 1:00-2:00pm
 - Session 2: 2:00-6:00pm

It would be great if the training program handout and data spreadsheet (please see attached files) can be shared with all the participating students. In addition to the above training sessions, we are delighted to offer your students access to a pre-recorded Statistics course. This 6.5 hour long course would serve as an excellent pre-requisite for students enrolled in the training program. Therefore, in preparation for the training program, it would be great if you can help us ensure that all students participating in the program watch all the lectures very carefully and thoroughly. This course will become available for the students on April 9th, and we would like for them to complete it no later than noon on Friday, April 13, 2018. The username and password for this course are as follows:

- Website: <https://guestmycourses.binghamton.edu/webapps/login/>
- Username: LeanSixSigma_oc
- Password: LeanSixSigma13850

For office hours, one of our doctoral students (Mr. Hussam Alothman) will be available from 6:00-8:00pm (local time - India) on Thursday, April 19, 2018. He will be available via Skype to assist students with any questions they may have. Mr. Hussam Alothman's Skype ID is as follows: husa2m1. It would be great if students can gather in the classroom/auditorium during that time to ask questions/get clarifications, etc. Mr. Hussam Alothman will also be available to answer questions via email as well at halothm1@binghamton.edu. I would like to encourage the students to contact Hussam via email if they have any questions.

For the purposes of the training, we would like students to download the trial version of the Minitab software: <http://www.minitab.com/en-us/products/minitab/>. The 30-day trial version of Minitab 18 is more than sufficient for the purpose of the LSSGB training program. During the lectures, I will be teaching the students how to use Minitab (and MS Excel) to conduct statistical analyses that are integral to lean six sigma concepts and applications.

Finally, to receive the Lean Six Sigma Green Belt Certification from Binghamton University, students need to pass a final exam. The final exam is fairly demanding, so we have allocated almost two full days for this purpose. We would sincerely appreciate your assistance in providing significant amount of proctoring for the exam during those two days. Once the exam is completed, on the second day, we would appreciate your assistance in scanning the exam books as PDF files and sending them to us via Google Drive (one file for each student with the following file naming structure: `firstname_lastname.pdf`). We would also appreciate your assistance in mailing the original copies of the exam books to me at the following address: Dr. Mohammad T. Khasawneh, Department of Systems Science and Industrial Engineering, Binghamton University, 4400 Vestal Parkway East, Binghamton, New York 13902, USA. We would need those for the program's records. It is very important for the students to write down their name and ID number on the cover page of their exam book.

Please let me know if you have any questions about the above schedule and the other program related details (e.g., final exam). Also, please let me know if you would like us to make any adjustments to the schedule. Finally, if the guest house is still available (and if high-speed internet can be provided), I would like to stay on-campus. Thank you in advance for your assistance with all the logistics associated with this visit. I am indeed looking forward to meeting everyone at MITE in a few weeks. Once again, thank you.

Sincerely,

Mohammad

Dr. Mohammad T. Khasawneh, Ph.D.
 Professor and Chair, Systems Science and Industrial Engineering
 Associate Director, Watson Institute for Systems Excellence
 Director, Healthcare Systems Engineering Center
 Graduate Program Director, Executive Master of Science in Health Systems
 Graduate Program Director, Industrial and Systems Engineering
 Thomas J. Watson School of Engineering and Applied Science
 State University of New York at Binghamton
 Binghamton, New York 13902

Phone: (607) 777-4408

Fax: (607) 777-4094

Email: mkhasawn@binghamton.edu

http://www.ws.binghamton.edu/mkhasawn

4 attachments



Professor_Mohammad_Khasawneh_Photo (1).jpg
8014K

LSSGB_Training_Syllabus_Binghamton_University_January_2018.pdf
15K

LSSGB_MITE_Training_Handout_March_2018.pdf
9247K

Professor_Mohammad_Khasawneh_Bio.docx
52K

Principal MITE <principal@mite.ac.in>

Wed, Apr 4, 2018 at 7:11 PM

To: "Head Mech." <hodmec@mite.ac.in>, Head AER <hodaer@mite.ac.in>, Head Mechatronics
 <hodmtr@mite.ac.in>, Head EC <hodece@mite.ac.in>

[Quoted text hidden]

Principal, MITE
 Mob. +91 9972099169
 Website: www.mite.ac.in

4 attachments



Head Mech. <hodmec@mite.ac.in>

list of Faculty assigned for different sessions of LEAN SIX SIGMA GREEN BELT TRAINING (LSSGB).

2 messages

Aveen K P <aveen@mite.ac.in>
 To: "Head Mech." <hodmec@mite.ac.in>

Tue, Apr 10, 2018 at 5:05 PM

Dear sir

The following list of faculty mentioned in the table should attend the respective session of LSSGB and ensure the smooth conduction of session.

	Monday(16/04/18)			Tuesday(17/04/18)					Wednesday(18/04/18)					Thursday(19/04/18)		Friday(20/04/18)		Saturday(21/04/18)	
session	1	2	3	1	2	3	4	5	1	2	3	4	5	Morning	Afternoon	1	2	1	2
	1:30-3:15pm	3:30-4:45pm	5:00-6:00pm	8:30-10:15am	10:30-11:45am	12:00-1:00pm	2:00-3:45pm	4:00-6:00pm	8:30-10:15am	10:30-11:45am	12:00-1:00pm	2:00-3:45pm	4:00-6:00pm			8:30am-1:00pm	2:00-6:00pm	8:30am-1:00pm	2:00-6:00pm
session-Incharge	Dr.CRR/ Mr.TMS			Dr.TKC / Mr. Vikranth			Mr.Girish/Mr.Sohan		Mr.Sunil kumar S			Mr.Saviraj		Mr.Ravikumar	Mr.Harlod	Mr. Elton	Mr. Vijaykumar Meti	Mr. Vishwas	Mr.Aveen
	Dr. M. Loksha			Mr. Shrikanth Patil			Dr.NVL		Mr.Ramesha			Mr.Suresh		Mr.Karthik	Mr.Purandar	Mr.Bhanuprakash	Mr.Rueben	Mr.Vijaysha	Mr.Rajesh

Regards

Aveen K P
 Assistant Professor
 MITE
 Moodabidri

Head Mech. <hodmec@mite.ac.in>
 To: mec <mec@mite.ac.in>

Wed, Apr 11, 2018 at 9:26 AM

Dear Faculty

Please note the detailed schedule of LSSGB, which is scheduled from 16.4.2018 to 21.4.2018.

----- Forwarded message -----

From: Aveen K P <aveen@mite.ac.in>
 Date: Tue, Apr 10, 2018 at 5:05 PM
 Subject: list of Faculty assigned for different sessions of LEAN SIX SIGMA GREEN BELT TRAINING (LSSGB).
 To: "Head Mech." <hodmec@mite.ac.in>

Dear sir

The following list of faculty mentioned in the table should coordinate the respective session of LSSGB and ensure the smooth conduction of session.
 (Quoted text hidden)

Best regards

Dr. Rajasekhar C.R.
 Vice Principal and Head of Mechanical Engineering Department,
 Mangalore Institute of Technology & Engineering.

<https://mail.google.com/mail/u/0/?ui=2&ik=36498624e4&asver=Fq7UL-VI-1C6U.en&view=pt&search=inbox&th=162b2d91b36e342a&siml=162a1572e0723d62&siml=162b2d91b36e342a>

Binghamton University

STATE UNIVERSITY OF NEW YORK

Lean Six Sigma Green Belt Certification

This certificate is awarded to

ROLSON REBELLO

Presented by: Mohammad Khasawneh, Ph.D., Professor of Systems Science and Industrial Engineering
Training Provider: Binghamton University's Department of Systems Science and Industrial Engineering
16-21 April 2018 at Mangalore Institute of Technology & Engineering, Mangalore, India

Lean Six Sigma Green Belt

Program: LSSGB18-MITE ID#: 6 Issued: December 2018



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



MANGALORE INSTITUTE OF TECHNOLOGY AND ENGINEERING

(An ISO 9001:2015 certified Institution)
(A unit of Rajalaxmi Education Trust, Mangalore)
Badagamijar, Moodabidri

Interaction Session on 'Higher Education at New York's Top University' & Counselling Session with Binghamton University Professor 1st March 2018



An Interactive Session was conducted on 'Higher Education at New York's State University' on 1st March 2018. The Session had Senior Professors from Binghamton University - **Dr. Krishnaswamy Hari Srihari, Dean & Executive Provost, Prof. Mohammad T Khasawneh, Department Chair, Systems Sc & Industrial Engg Prof. Paul R Chiarot, Assoc Professor & Graduate Director, Mechanical Engg, Binghamton University, State University of New York, USA.** Dr. Srihari briefed about the advantages of pursuing Masters course and the Best opportunities and Courses at Binghamton University. The Attendees had a one-to-one session with the Professors after the talk.



Narendra

Narendra U P
Dean (Placement & Training)
Mangalore Institute of Technology and Engineering
Badagamijar PO, Moodabidri DK Dist - 574225
Tel : 08258 262695 - 99 EXT

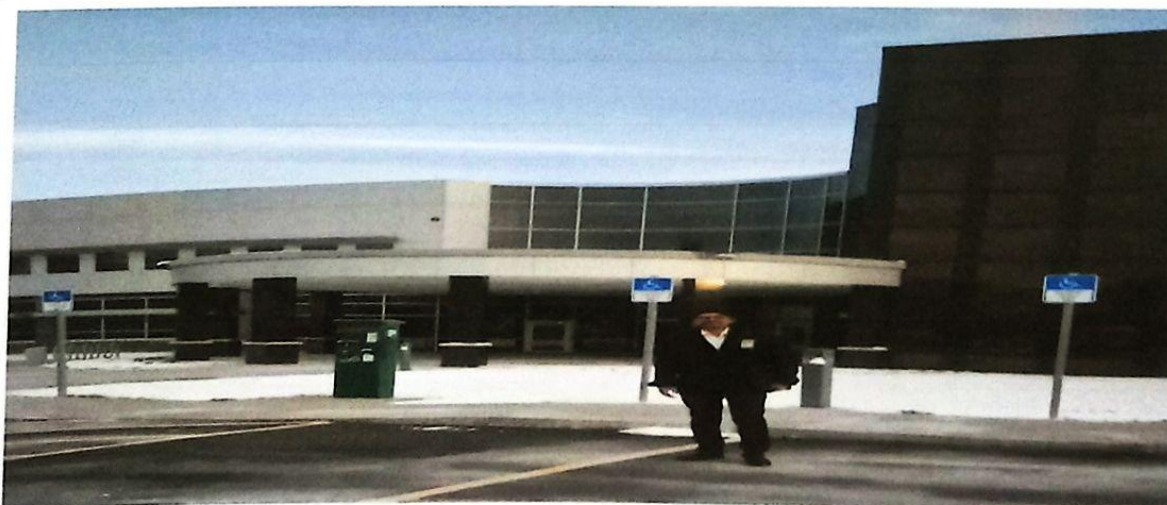
Mr. Narendra U P, Dean (T&P) Visits Binghamton University to discuss Collaborative Academic Programs

December 11th -15th, 2017

Mr. Narendra U P, Dean (Training & Placement), and Associate Professor, Department of Information Science & Engineering visited Binghamton University, State University of New York, USA as part of the academic collaboration with the university on December 2017. Mr. Narendra was at the Binghamton University from December 11th – 15th 2017 to discuss the collaborative academic programs between MITE and Binghamton University. As part of the visit, Mr. Narendra met the Directors and Deans of various Schools of the University to understand the academic process and unique teaching methodology. The objective of the visit was to incorporate the best practices followed at the US University to be incorporated at MITE Moodabidri. Also, discussions were held with the Deans of various schools about the various programs offered on the latest technological trends by the University, so that the same programs by the top Professors of the US University can be offered to the students here at MITE. The visit is part of the Memorandum of Agreement signed by MITE with Binghamton University last year.

The Binghamton University visit of Mr. Narendra started with a Meeting with Dr. Hari Srihari, Dean, Thomas J. Watson School of Engineering and Applied Science, followed by an presentation on overview of Binghamton University and the Watson School. Also, Mr. Narendra had separate discussions with the Chair/Directors of various Departments. The Laboratories and the Centers of Excellence catering to the Studies of each Departments were also visited during the meeting.

Mr. Narendra had an exclusive meeting with Dr. Donald Nieman, Executive Vice President of Binghamton University wherein discussions was done about the way in which Both the Universities can collaborate together and conduct more activities, Workshops on latest technologies, Conferences, that can benefit the Students and Faculty. On the Last Day, Mr. Narendra also attended the Watson Advisory Board Meeting, where each Department Directors presented a brief about their activities and the future plans.



Narendra

Narendra U P
Dean (Placement & Training)
Mangalore Institute of Technology and Engineering
Badagamijar PO, Moodabidri DK Dist - 574225
Tel : 08258 262805 - 00 EXT: 165

BINGHAMTON
UNIVERSITY

STATE UNIVERSITY OF NEW YORK

OFFICE OF THE DEAN
THOMAS J. WATSON SCHOOL OF ENGINEERING AND APPLIED SCIENCE

P.O. Box 6000
Binghamton, New York 13902-6000
607-777-2871, Fax: 607-777-6256

November 7, 2017

Professor Narendra Urvinkhan Puttappa
Mangalore Institute of Technology and Engineering
Badaga Mijar, Near Moodabidre, Mangalore TQ
DK Dist, Karnataka, India, 574225

Dear Professor Puttappa:

We are delighted to invite you, Narendra Urvinkhan Puttappa, to visit our campus on December 11, 2017 through December 15, 2017.

During your visit, we would like to discuss the collaborative academic programs between our universities. We would also like to use this opportunity to show you our campus, research and teaching labs, and have you meet with our academic leaders.

This invitation is extended to:

Narendra Urvinkhan Puttappa
Date of Birth: 04/07/1978
Passport Number: J1374606
Passport Expiration: 18/07/2020

We look forward to your visit this December, 2017. Please do not hesitate to contact me with any additional questions or concerns. Thank you.

Sincerely,



Peter J. Partell
Associate Dean for Academic Affairs and Administration
Binghamton University
Thomas J. Watson School of Engineering and Applied Science
4400 Vestal Parkway East
PO Box 600
Binghamton, NY 13902

Program Schedule as part of the Binghamton University Visit

Monday, Dec 11 th 2017	Meeting with -Dr. Hari Srihari, Dean, Thomas J. Watson School of Engineering and Applied Science -Monice DeGennaro, Senior Assistant to the Dean, Thomas J. Watson School of Engineering and Applied Science
	Overview of Binghamton University and the Watson School By -Dr. John Bay, Associate Dean, Graduate Recruitment and Research -Ms. Lisa Gallagher, Assistant Dean, Graduate Recruitment and Research
	Meeting with -Dr. Peter Partell, Associate Dean, Academic Affairs & Administration -Janet Keesler, Assistant Dean, Administration
	Tour of Innovative Technologies Complex Location with Chris Chase, Watson Equipment & Operations Manager & Don Kunkel, Watson Director of Information Technologies
	Meet with International Student and Scholar Services -Patricia (Trisha) Bello, Director of ISSS; Assistant Provost for International Education and Global Affairs (IEGA)
Tuesday Dec 12 th 2017	Meeting with Dr. Paul Chiarot, Associate Professor & Graduate Director, Department of Mechanical Engineering
	Meeting with - Dr. Doug Summerville, Chair, Department of Electrical and Computer Engineering
	Tour of Biomedical Engineering Laboratories with- Dr. Kaiming Ye, Chair, Biomedical Engineering
	Meeting with School of Management Dr. Upinder Dhillon, Dean, School of Management & Select Department Heads, School of Management, School of Management Career Services
Wednesday Dec 13 th 2017	Meeting with Dr. Weiyi Meng, Chair, Department Computer Science
	Meeting with Dr. Nagen Nagarur, Professor, Department of Systems Science and Industrial Engineering
	Tour Engineering Building Labs with Vince Brady, Manager of Engineering Learning Environments
	Meeting with Professor Sangwon Yoon, Department of Systems Science and Engineering
Thursday Dec 14 th 2017	Meet with Vice Provost of Binghamton University -Dr. Hari Srihari, Dean, Thomas J. Watson School of Engineering and Applied Science -Dr. Donald Nieman, Executive Vice President for Academic Affairs and Provost
	Meeting with Fleishman Career Center -Denise Lorenzetti, Director of Fleishman Career Center
	Meet with Alumni and Career Connections Office Lindsey Sikorski, Director of the Alumni and Career Connections Office, The Watson School
	Meeting with Professor Paul Chiarot, Department Head of Mechanical Engineering
Friday Dec 15 th 2017	Attending Watson Advisory Board Meeting
	Meet with Students- Undergraduate and Graduate
	An Academic Overview of Our Campus: Watson School by Dr. Donald Nieman, Executive Vice President for Academic Affairs and Provost
	Address by President Harvey Stenger
	Faculty Presentation of various Schools



MANGALORE INSTITUTE OF TECHNOLOGY AND ENGINEERING

(An ISO 9001:2015 certified Institution)

(A unit of Rajalaxmi Education Trust, Mangalore)

Badagamijar, Moodabidri

HIGHER EDUCATION ORIENTATION PROGRAM

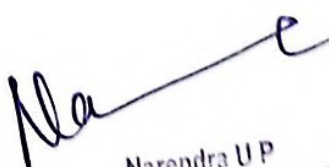
Talk on 'Higher Education opportunities at Binghamton University, USA'

by Dr. Krishnaswamy "Hari" Srihari, Dean & Executive Provost, Binghamton University, SUNY, USA

6th November 2017



Dr. Krishnaswamy Hari Srihari, Dean & Executive Provost, Binghamton University, State University of New York, USA presented a Talk on 'Higher Education opportunities at Binghamton University, USA' on 6th November 2017. Dr. Srihari briefed about the University Courses, eligibility exams, opportunities of Research and Projects and Job opportunities after completing Masters at Binghamton University. A snapshot of Indian alumni from Binghamton University was also presented. Dr. Srihari also had a one-to-one interaction with the Professor after the Talk.


Narendra U P
Dean (Placement & Training)
Mangalore Institute of Technology and Engineering
Badagamijar, P.O. Moodabidri Dist - 574225
Tel. 08258 262695 - 99 EXT. 165

Talk on 'Recent Trends in Global Financial Markets' for MBA Students

Talk on 'Finance for Engineers'

**By Dr. Upinder Dhillon, Dean, & Koffman Scholar, School of Management Studies,
Binghamton University, SUNY, New York, USA**

Nov 6th 2017

Prof. Upinder Dhillon, Dean and Koffman Scholar, School of Management Studies, Binghamton University presented two separate talks for the Engineering and MBA Students. In his talk to the MBA Students, Prof Upinder presented the recent trends in the global financial markets and its impact on the overall global scenario in the future. He also presented the viewpoints of financial markets of USA.

Prof. Upinder in his talk to the Engineering students presented the need of finance awareness to the Engineers. He spoke about the paradigms and changing market scenarios and how it will impact the engineering sectors.



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 Six Sigma.



Workshop conducted by Dr. Mohammad T. Khasawneh

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



Head Mech. <hodmec@mite.ac.in>

Fwd: Revised dates for Lean Six Sigma Yellow Belt

1 message

Principal MITE <principal@mite.ac.in>

Thu, Aug 24, 2017 at 9:50 AM

To: info <info@ret.ac.in>, info <info@mite.ac.in>, rajeshchouta <rajeshchouta@ret.ac.in>, Head AER <hodaer@mite.ac.in>, "Head Mech." <hodmec@mite.ac.in>, Head Mechatronics <hodmtr@mite.ac.in>

----- Forwarded message -----

From: **Mohammad T Khasawneh** <m khasawn@binghamton.edu>

Date: Thu, Aug 24, 2017 at 8:24 AM

Subject: Re: Revised dates for Lean Six Sigma Yellow Belt

To: Principal MITE <principal@mite.ac.in>

Cc: Krishnaswami Srihari <srihari@binghamton.edu>, Lisa L Gallagher <lisag@binghamton.edu>, Jennifer S Flanagan <jflanaga@binghamton.edu>

Dear Dr. Prasad,

Thank you very much for confirming the schedule of the training program. I am looking forward to being on your campus in a few weeks. Thank you.

Best,

Mohammad

On Wed, Aug 23, 2017 at 9:38 AM, Principal MITE <principal@mite.ac.in> wrote:

Dear Dr Mohammad Khasawneh,

Thank you very much for your mail. I am continuously in touch with Dr Hari, regarding the LSSYB and LSSGB programs of this current academic year.

Your schedule from Sept 7-9 for LSSYB looks fine. We are happy to extend the hospitality as done before. Please do keep in touch. We have made all the announcements to the students about the program.

We welcome you to our institution for the programs of this academic year, any more in the next mail

Thanking you

Your's faithfully

G L Easwara Prasad

On Tue, Aug 22, 2017 at 8:48 PM, Mohammad T Khasawneh <m khasawn@binghamton.edu> wrote:

Dear Dr. Prasad,

I hope this email finds you well. As per Dean Srihari's email below, I am writing to confirm my availability to teach the Lean Six Sigma Yellow Belt at MITE starting noon on Thursday, September 7th. I will be arriving in Mangalore at 10:20am on September 7th (Thursday) via Jet Airways 433 (BOM-IXE). If possible, I would like to propose the following (tentative) schedule. Please review and let me know if this is acceptable from your

perspective.

Thursday - September 7

- Session 1: 12:00pm-1:00pm
- Session 2: 2:00pm-3:45pm
- Session 3: 4:00pm-5:00pm

Friday - September 8

- Session 1: 9:00am-10:45am
- Session 2: 11:00am-12:30pm
- Session 3: 1:30pm-2:30pm
- Session 4: 2:45pm-4:00pm
- Break Time: 4:00pm-4:15pm
- Presentation about Graduate Studies at Binghamton University: 4:15pm-6:00pm

Saturday - September 9

- Session 1: 9:00am-10:00am
- Session 2: 10:15am-11:15am
- Study Period: 11:15-12:15
- Final Exam: 12:15pm-1:00pm - Final Exam
- Recognition Event: 1:00pm-1:30pm
- Depart to IXE Airport 1:30pm (flight Jet Airways 432 - IXE-BOM - 3:55pm)

If you would like for the training to be completed on the 7th and 8th, we can increase the duration of the sessions on those two days. It's not a problem for me at all, as long as we can fit the final exam into the schedule. Once the names of the students are known, please send them to us and we will prepare a "certificate of attendance" for all the students (I'll bring them with me). In addition, those that pass the final exam will also receive a Lean Six Sigma Yellow Belt Certificate (in addition to the certificate of attendance). The final exam (multiple-choice) will be graded upon my return back to Binghamton, and the certificates will be mailed to you at a later stage.

Please let me know if you need more information or if you'd like to make any adjustments to the schedule. I sincerely appreciate your assistance with the logistics associated with this trip (e.g., hotel from Thursday to Saturday, transportation, etc.). Thank you again and look forward to meeting you in Mangalore next month. I am indeed looking forward to being on your campus again.

Best,

Mohammad

Dr. Mohammad T. Khasawneh, Ph.D.
 Professor and Chair, Systems Science and Industrial Engineering
 Associate Director, Watson Institute for Systems Excellence
 Director, Healthcare Systems Engineering Center
 Graduate Program Director, Executive Master of Science in Health Systems
 Graduate Program Director, Industrial and Systems Engineering
 Thomas J. Watson School of Engineering and Applied Science
 State University of New York at Binghamton
 Binghamton, New York 13902

Phone: (607) 777-4408

Fax: (607) 777-4094

Email: mkhasawn@binghamton.edu

<http://www.ws.binghamton.edu/mkhasawn>

LEAN SIX SIGMA YELLOW BELT TRAINING

CERTIFICATE OF ATTENDANCE PRESENTED TO

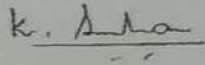
NIHAD M T

1.0 Continuing Education Units

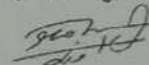
Presented by: Mohammad Khasawneh, Ph.D., Professor of Systems Science and Industrial Engineering

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
UNIVERSITY
STATE UNIVERSITY OF NEW YORK

Thomas J. Watson
School of Engineering
and Applied Science



Visit to Binghamton University

Faculty Name: Dr. Raghavendra Sagar, Associate Professor, Dept. of Physics

Purpose of Visit: Experimentation on fabrication and characterization of CZTS based Photovoltaic devices

Labs visited

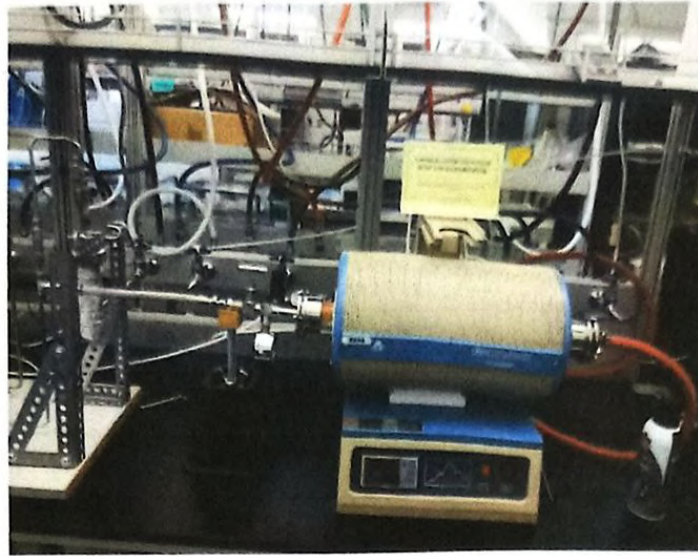
1. Center of Autonomous Solar Power (CASP) Department of Electrical and Computer Engineering, Binghamton University, Binghamton, New York 13902, United States
2. S3IP-Center for Advanced Microelectronics Manufacturing (Camm), System Science and Industrial Engineering, Binghamton University, Binghamton, New York 13902, United States

Collaborators: Tara Dhakal and Mark Poliks

Visited during: 05th June 2017 to 23rd June 2017

Abstract

Earth-abundant $\text{Cu}_2\text{ZnSnS}_4$ thin film solar cell was fabricated on flexible glass by DC and RF sputtering technique. The sputtered precursor layer was annealed in a sulfur rich atmosphere to obtain p-type buffer layer. CdS layer was deposited using chemical bath technique to function as a n-type buffer layer. The x-ray diffraction pattern of CZTS thin film confirms the formation of kesterite structure. The SEM micrograph showed dense microstructure with bright spots. The I-V characteristics of the device were studied to evaluate the efficiency of CZTS/CdS solar cell. In order to improve the efficiency of the CZTS/ CdS solar cell, layers of ITO and IZO were sputtered as anti reflection coatings. The ITO and IZO as ARC considerably increases the efficiency of CZTS/CdS solar cell fabricated on flexible glass. The influence of IZO as ARC was more predominant compared to ITO coated device.



P. Louiech

Dept. of Physics
Mangalore Institute of Technology & Engineering
Badaga Mijar, WOODSIDRI 574 225

Binghamton University

STATE UNIVERSITY OF NEW YORK

CERTIFICATE OF ATTENDANCE


Dr. Raghavendra Sagar

RESEARCH IN MATERIALS FOR SOLAR CELLS

Presented by: Professor Tara Dhakal and Professor Benson Chan

June 5, 2017 – June 23, 2017

Thomas J. Watson School of Engineering and Applied Science (NYSED 211000)



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

Certification Program on 'INTRODUCTION TO DATA MINING & ANALYTICS'

**By Dr. Dr. Sang Woon Yoon, Associate Professor,
Binghamton University, State University of New York, USA.
April 10th – 12th 2017**



Binghamton University, State University of New York, USA conducted a Three-Day Certification Program on 'Introduction to Data Mining and Analytics' during April 10-12 2017 at MITE Campus. The Facilitator for the workshop was Dr. Sang Woon Yoon, Associate Professor, Systems Science & Industrial Engineering, Thomas J Watson School of Engineering and Applied Science, Binghamton University, State University of New York, USA. The course covered the broad topics in big data analytics, computational intelligence, and machine learning. Emphasis was on the tools and algorithms for machine learning and data mining, such as predictive modeling (classification) and cluster analysis. The main objective of the course was to gain a general understanding of big data and data analytics. With this the Students will develop an understanding of tools in use in big data management and will be able to apply the concepts associated with data analytics. The Program was offered for the Students of the Dept of Computer Sc & Engg, Information Sc & Engg, Electronics & Communication Engg.





Manjunath Hebbagilu <hodise@mite.ac.in>

From MITE

Head IS <hodise@mite.ac.in>

To: yoons@binghamton.edu

Tue, Apr 4, 2017 at 4:47 PM

Dear Professor Sang Won Yoon,

I, Prof. Manjunath, Head of Information science Dept, Mangalore institute of technology, here by I request you to send your brief introduction at the earliest to me, as it is required for the two day course on data science in our college on 10th April, 2017.

Thanking you

Manjunath H



Manjunath Hebbagilu <hodise@mite.ac.in>

From MITE

Sang Won Yoon <yoons@binghamton.edu>
To: Head IS <hodise@mite.ac.in>

Fri, Apr 7, 2017 at 11:26 PM

Dear Prof. Manjunath,

Sorry for the delay. Here is the course syllabus of Intro. to Data Mining and Analytics.
Please let me know if there is anything else I should provide to you.

Regards,
Sangwon

Sang Won Yoon, PhD

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

Office: (607)-777-5935
Fax: (607) 777-4094
Email: yoons@binghamton.edu

On Apr 4, 2017, at 7:17 AM, Head IS <hodise@mite.ac.in> wrote:

Dear Professor Sang Won Yoon,
I, Prof. Manjunath, Head of Information science Dept, Mangalore institute of technology, here by I request you to send your brief introduction at the earliest to me, as it is required for the two day course on data science in our college on 10th April, 2017.
Thanking you

Manjunath H

 **syllabus.pdf**
56K

Syllabus: Introduction to Data Mining and Analytics

Instructor: Dr. Yoon, Sang Won

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

Office: +1 (607) 777-5935
Fax: +1 (607) 777-4094
Email: yoons@binghamton.edu

References:

Nong Ye (2013). *Data Mining: Theories, Algorithms, and Examples*. CRC Press. ISBN: 978-1439808382.

I.H. Witten, E. Frank, and M.A. Hall (2011). *Data Mining: Practical Machine Learning Tools and Techniques (3rd ed.)*. Morgan Kaufmann. ISBN: 978-0-12-374856-0.

Course Description: The course will cover broad topics in big data analytics, computational intelligence, and machine learning. Emphasis will be placed on the tools and algorithms for machine learning and data mining, such as predictive modeling (classification) and cluster analysis.

Students successfully completing this course will be able to:

1. Understand the characteristics of real-life data sets and how to discover meaningful knowledge from them;
2. Understand how to integrate, preprocess, transform, and analyze data;
3. Learn various machine learning algorithms for classification and clustering; and
4. Apply data mining techniques to develop intelligent systems to solve real-world problems.

Course Objective: The main objective of this course is to gain a general understanding of big data and data analytics. Students will develop an understanding of tools in use in big data management and will be able to apply the concepts associated with data analytics. In addition, this course is designed to cover various areas of advanced analytics including k-means clustering, statistical regression model, naive bayesian analysis, etc. These advanced analytics help students analyze big data, develop statistical models, and discover interesting results.

(Tentative) Topics

- Introduction to data mining and analytics
- Review of probability and statistics
- Data mining and analytics techniques
 - Linear and multiple regression
 - Logistic analytics and associate rules
 - Time Series Analysis
 - Classification and prediction: decision/regression trees, artificial neural networks, support vector machines, k-nearest neighbors, ensemble methods - boosting
 - Clustering: hierarchical cluster, k-means
 - Association: Apriori
 - Dimensionality reduction: principal component analysis
 - Sequential/temporal analysis: hidden Markov models w/ expectation maximization
- Real-life applications
 - Social network
 - Contact (call) center
 - Healthcare

**MANGALORE INSTITUTE OF TECHNOLOGY &
ENGINEERING**

Marks List of students

Course: Introduction to Data Mining and Analytics

Sl. No.	USN	Name	Marks
1	4MT14CS002	AASTHA ANSHU BHAI NAGAR	36
2	4MT14CS009	AFNAN	44
3	4MT14CS019	ANUCHAITHRA	49
4	4MT14CS022	ANUSHA SHENOY U	29
5	4MT14CS028	BHUTE SNEHA DIGAMBAR	39
6	4MT14CS031	CHRISLENE DIAS	57
7	4MT14CS035	DEEKSHA S	44
8	4MT14CS036	DEEPA NAYAK	44
9	4MT14CS037	DEEPASHREE	42
10	4MT14CS039	DIVYA T	44
11	4MT14CS041	HEGDE DEEKSHITH	44
12	4MT14CS046	KRAITHI KADAMBA	36
13	4MT14CS047	KUDVA VIBHA VISHWANATHA	60
14	4MT14CS048	LESLEY MAX DSOUZA	31
15	4MT14CS049	LUBEN FRANK GONSALVES	65
16	4MT14CS051	MALLIKA	42
17	4MT14CS052	MANASA SALIAN	49
18	4MT14CS054	MANISHA P	49
19	4MT14CS055	MANOJ KUMAR K	31
20	4MT14CS056	MELINA SURAMYA	52
21	4MT14CS060	MONISHA G S	47
22	4MT14CS061	MUDDABIR NAIKODI	31
23	4MT14CS063	MUHAMMAD SAHMIL ABDULLA	65
24	4MT14CS072	POOJA P NAYAK	42
25	4MT14CS073	PRAJNA SHETTY	52
26	4MT14CS075	PRAJWAL MACHADO	34
27	4MT14CS077	PRATHIMA	49
28	4MT14CS080	PRIYANKA K P	42
29	4MT14CS082	RAKSHITHA R	47
30	4MT14CS083	RAKSHITHA V	42
31	4MT14CS084	RESHALI SHETTY K	42
32	4MT14CS085	REYNOLA	55
33	4MT14CS086	RITHESH	44
34	4MT14CS087	RIYONA	42
35	4MT14CS090	SAHANA THANTHRI	49
36	4MT14CS091	SANJANA RAI	44
37	4MT14CS096	SHIJI ABRAHAM	23
38	4MT14CS098	SHREELAKSHMI SHERIGAR	55
39	4MT14CS099	SHRINIDHI	62
40	4MT14CS100	SONAL NISHA D'MELLO	49
41	4MT14CS101	SOUJANYA SHETTY J	62
42	4MT14CS103	SOWMYA	44
43	4MT14CS104	SREERAJ M	57
44	4MT14CS106	SRISHAANI SHETTY	47
45	4MT14CS107	SUPRIYA KAMATH	42
46	4MT14CS109	SUSHMA T S	31
47	4MT14CS110	SUSHMITHA	44
48	4MT14CS111	SUSHMITHA JK	23
49	4MT14CS114	THRUPTHI D	23

50	4MT14CS118	VIDYAMANEK	55
51	4MT14CS119	VIGNESH	49
52	4MT15CS400	CHATHIRAN	52
53	4MT15CS401	GAUTHAMI NAYAK	26
54	4MT15CS404	SHRINIDHI	44
55	4MT14IS001	ABHISHEK K KOTHAN	26
56	4MT14IS005	ANNIE JACKLIN PETER	39
57	4MT14IS006	ASHISH KUMAR M	29
58	4MT14IS011	DEEKSHA MARTINA LASRADO	44
59	4MT14IS014	HARSHITHA SHET	42
60	4MT14IS016	KUNDAR SHRADDHA RAJU RADHA	31
61	4MT14IS018	LAXMI DEVARANJAN	39
62	4MT14IS025	NAVELITHA JACOB	44
63	4MT14IS027	NIHAL	42
64	4MT14IS029	NISHITA SHETTY	55
65	4MT14IS030	PETER JOHN JOSE	21
66	4MT14IS031	PRADNYA D ACHARI	49
67	4MT14IS035	PRATHIKSHA R	44
68	4MT14IS038	RITHU PATIL P	49
69	4MT14IS039	SANJANA S	52
70	4MT14IS040	SAROJINI	42
71	4MT14IS042	SHAHESHK HOLIA	13
72	4MT14IS043	SHARANYA SHETTY	39
73	4MT14IS047	SIMRAN	39
74	4MT14IS050	SUMANGALA	42
75	4MT14EC001	ABDUL AZEEZ FAIZ	60
76	4MT14EC006	AFROZ MOHAMMED KABEER SHAIKH	62
77	4MT14EC023	ASHALATHA	44
78	4MT14EC031	CASTELINO RINALJOYCE RONALD	52
79	4MT14EC051	KUNDER PRADNYA RAVINDRA	29
80	4MT14EC053	LAVITA MENDONCA	39
81	4MT14EC074	PARTHANJALI SHARMA	34
82	4MT14EC078	PRADHYUMNA SAMPIGETTAYA	47
83	4MT14EC106	SUDARSHAN	55
84	4MT15EC404	ASHISH SHARMA	23



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

CERTIFICATE OF ATTENDANCE

awarded to

SHAILESH HOLLA

INTRODUCTION TO DATA MINING AND ANALYTICS

1.2 Continuing Education Units

Presented by: Sang Won Yoon, Ph.D.,
Associate Professor of Systems Science and Industrial Engineering

Training Provider: Binghamton University,
Thomas J. Watson School of Engineering and Applied Science (NYSED 211000)

10-12 April 2017 at Mangalore Institute of Technology & Engineering, Mangalore, India

K. Srihari

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

Sang Won Yoon

Sang Won Yoon, Ph.D.
Associate Professor, Department of Systems
Science and Industrial Engineering

Two Day Six Sigma Yellow Belt Certification

Resource Person: - Prof. Mohammad T Khasawneh

Professor and Department Chair, Department of system science & Industrial Engineering,
Thomas J Watson School of Engg. & Applied Science, University of New York

Date: - 20-21 September 2016

Target Audience: 4th-year students

Prof. Mohammad T Khasawneh professor and Department Chair, Department of system science & Industrial Engineering, Thomas J Watson School of Engg. & Applied Science, University of New York conducted six sigma yellow belt certification program for the students of 4th year.



Workshop conducted by Dr. Mohammad T. Khasawneh

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

BINGHAMTON
UNIVERSITY
STATE UNIVERSITY OF NEW YORK

Thomas J. Watson
School of Engineering
and Applied Science



Lean Six Sigma Yellow Belt Certification

This certificate is awarded to

AMAR ALVA

who successfully fulfilled the requirements established by Binghamton University's
Department of Systems Science and Industrial Engineering
in the Thomas J. Watson School of Engineering and Applied Science for the

Lean Six Sigma Yellow Belt

Program: LSSYB16-MITE ID#:AE-3 Issued: October 2016

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



MANGALORE INSTITUTE OF TECHNOLOGY AND ENGINEERING

(An ISO 9001:2008 certified Institution)

(A unit of Rajalaxmi Education Trust, Mangalore)

Badagamijar, Moodahidri

CAREER GUIDANCE CELL

Talk on 'Higher Education in US'

by Dr. Mohammad T Khasawneh, Binghamton University

21st September 2016



Dr. Mohammad T Khasawneh, Professor and Chair of Systems Science and Industrial Engineering Dept, and Associate Director of Watson Institute for Systems Excellence from Binghamton University presented a Talk on 'Higher Education opportunities at Binghamton University' on 21st Sep 2016. Around 500 students attended the talk and were presented information about the University. Presently Binghamton University is ranked 8th Public University in US by Forbes Magazine.

Narendra UP
Narendra UP
Dean (Placement & Training)
Mangalore Institute of Technology and Engineering
Badagamijar, P.O. Moodahidri Dist - 574225
Tel. 08258 262695 - 99 EXT. 165

'Remote Sensing and Drone Application in Civil Engineering'

Date: 31st August 2019

A session on 'Remote Sensing and Drone Application in Civil Engineering' was organized for the students of Civil engineering on 31st August, 2019. Dr. RajuAedla, Research Scientist (Remote Sensing), Kumamoto University Kumamoto, JAPAN. Spoke about the application of Satellite and Drone Image in Civil engineering. He highlighted that engineering is becoming inter disciplinary and each of the streams are complimentary to the growth of all the other sectors. He presented case studies of drone and satellite imagery and how they have transformed and aided in finding solutions to Civil Engineering problems. He also spoke about the opportunities for students to pursue higher education in Japan.



Dr. RajuAedla, Research Associate, Kumamoto University, Japan delivered a talk on 'Remote Sensing and Drone Application in Civil Engineering'

**Dr. GANESH MOGAVEER
PROFESSOR & HEAD
DEPT. OF CIVIL ENGG.**

MIT

BADAGA MIJAR. 5

57422

TWO DAYS TECHNICAL TALK ON SATELLITE/DRONE IMAGE PROCESSING & REMOTE SENSING - DR. RAJU AEDLA, RESEARCH SCIENTIST (REMOTE SENSING), KUMAMOTO UNIVERSITY, JAPAN

April 01, 2019 & April 02, 2019

Dr. Raju Aedla, Research Scientist (Remote Sensing), Kumamoto University, JAPAN, has delivered a talk on “Advanced Satellite/Drone Image Processing and Remote Sensing Techniques with Sustainable Approaches” was organized for the students of Civil Engineering at MITE during his two days visit on 1st and 2nd April, 2019.




Dr. Raju Aedla delivering the talk at MITE

Dr. Raju Aedla spoke in depth about the applications of Satellite and Drone Imaging in Civil Engineering. He highlighted that engineering is becoming inter disciplinary and each of the streams are complimentary to growth of all the other sectors. He presented case studies of drone and satellite imagery and how they have transformed and aided in finding solutions to Civil Engineering problems.

The session also had Dr. Raju talking about writing Research proposals and validating them. He also spoke about the opportunities for students to pursue higher education in Kumamoto University, Japan.

Dr. Raju Aedla has discussed the possibility of conducting Global level conference in association with Kumamoto University, JAPAN in MITE as a technical supporter along with few more foreign universities.

.....*.....*


Dr. GANESH MOGAVEER
PROFESSOR & HEAD
DEPT. OF CIVIL ENGG.
MITE,
BADAGA MIJAR, MOODABIDRI - 574225

VISIT OF PROFESSORS FROM MITE TO KUMAMOTO UNIVERSITY, JAPAN

March 13, 2019 to March 15, 2019


As part of the MoU for academic collaboration and strengthening research prospects, Dr G L Easwara Prasad Principal, MITE Moodabidri and Dr. Ganesh Mogaveer, Head of Civil Engineering Department have visited Kumamoto University, Japan in March 2019.



The team from MITE at Kumamoto University, Japan

The team met top Professors in the university to understand the best practices and unique teaching methodologies. Discussions were also held on recent technological advancements in Civil Engineering. Also, they presented a Technical papers in the International Conference (IES-2019).

ACTIVITIES REPORT


Dr. GANESH MOGAVEER
PROFESSOR & HEAD
DEPT. OF CIVIL ENGG.
MITE,
BADAGA MIJAR, MOODABIDRI - 574225

ACTIVITIES CONDUCTED BETWEEN MANGALORE INSTITUTE OF TECHNOLOGY AND ENGINEERING AND KUMAMOTO UNIVERSITY JAPAN WITH THE SUPPORT OF PROF.SHUICHITORII ,PROFESSOR,KUMAMOTO UNIVERSITY JAPAN.

Following are the activities conducted betweenMangalore Institute of Technology and Engineering andKumamoto University Japan

Activity 3.A two - day International Conference on 'Advances in Manufacturing, Materials and Energy Engineering' (ICon MMEE 2018) was jointly being organized by Department of Mechanical Engineering, MITE, Moodbidri and BINGHAMTON UNIVERSITY, State University of New York,(SUNY), United States of America on 2nd& 3rd March at MITE.

Prof. Shuichi Toriihas been invited as a key note speaker for the conference and delivered a session on Heat Transfer Enhancement in Circular Tube Flow.



Inauguration of International Conference(Left to Right: Prof.Shiuchi Torii,Dr G L Easwara Prasad,Dr. Krishnaswami (Hari) Shrihari,Sri Rajesh Chouta,Prof. Prof. Mohammad T. Khasawneh,Dr D VenkatReddy)

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

BADAGA MIJAR, MOODABIDRI - 574225

TECHNICAL TALK ON 'RENEWABLE ENERGY' BY PROF. SUCHI TORII

March 02, 2018


A talk on "Renewable Energy" and its importance for sustainable development and to preserve natural resources and environment sustainability was delivered to the final year Civil Engineering students by Prof. Suchi Torii, who was in the campus to deliver a keynote address at the two days International Conference on 'Advances in Manufacturing, Materials and Energy Engineering' (ICMMEE 2018).



Prof. Suchi Torii delivering the talk at MITE

Prof. Torii focused on the recent technologies in the field of Renewable Energy like Oceans, Geothermal Concept and Hydrogen Power Technology. The program was hosted by Association of Civil Engineering Students, Department of Civil Engineering, MITE in association with Local Cafet-Innova Technical Society, Hyderabad, and MITE Chapter.

ACTIVITIES REPORT


Dr. GANESH MOGAVEER
PROFESSOR & HEAD
DEPT. OF CIVIL ENGG.
MITE,
BADAGA MIJAR, MOODABIDRI - 574225

ACTIVITIES CONDUCTED BETWEEN MANGALORE INSTITUTE OF TECHNOLOGY AND ENGINEERING AND KUMAMOTO UNIVERSITY JAPAN WITH THE SUPPORT OF PROF.SHUICHITORII ,PROFESSOR,KUMAMOTO UNIVERSITY JAPAN.

Following are the activities conducted between **Mangalore Institute of Technology and Engineering and Kumamoto University Japan**

Activity 1. DEPARTMENT OF CIVIL ENGINEERING at MANGALORE INSTITUTE OF TECHNOLOGY AND ENGINEERING, in association with CAFET-INNOVA technical society, MITE chapter has organised a two-day International conference on “GLOBAL CIVIL ENGINEERING CHALLENGES IN SUSTAINABLE DEVELOPMENT AND CLIMATE CHANGE” during 17th-18th March, 2017 as a part of **Decennial celebration** of institution. The overall global issues & challenges include: the need to reduce poverty, promote sustainable social and economic development, globalisation; & the need to bridge the digital and broader technological and knowledge divides. The specific emerging issues and challenges include: Climate change mitigation, adaptation and the urgent need to move to a low-carbon future

Prof. Shuichi TORII ,Professor Department of Mechanical Systems Engineering and Assistant Director of the Center for Cross Cultural and Multi-disciplinary Studies, Kumamoto University, Japan, has been invited as a key note speaker for the International conference. **Prof. Shuichi TORII** delivered a key note address on “Clean energy and Renewable Energy” and its importance in the present sustainable development to preserve natural resources and environment sustainability. This key note address has served the purpose of the theme of the conference also.



Inauguration of International Conference(Left to Right:Dr Dwarakish,Prof.Paloma Pineda,Prof.Shiuchi Torii,Sri Rajesh Chouta,Dr G L Easwara Prasad)



Prof .Shuichi Torii delivering key note address on Clean Energy and Renewable energy



Prof. Shuichi Torii has been invited as a key note speaker for the conference and delivered a session on Heat Transfer Enhancement in Circular Tube Flow.



Inauguration of International Conference (Left to Right: Prof. Shuichi Torii, Dr G L Easwara Prasad, Dr. Krishnaswami (Hari) Shrihari, Sri Rajesh Chouda, Prof. Prof. Mohammad T. Khasawneh, Dr D Venkat Reddy)

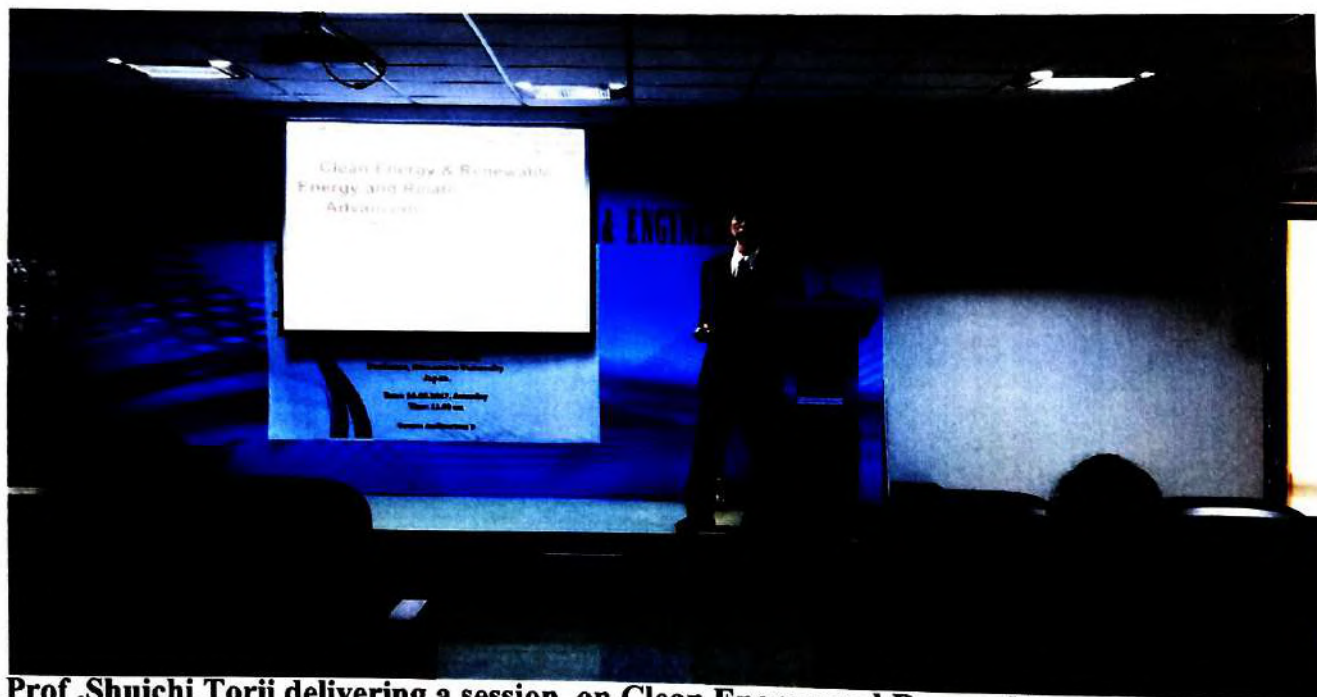
ACTIVITIES CONDUCTED BETWEEN MANGALORE INSTITUTE OF TECHNOLOGY AND ENGINEERING AND KUMAMOTO UNIVERSITY JAPAN WITH THE SUPPORT OF PROF.SHUICHITORII ,PROFESSOR,KUMAMOTO UNIVERSITY JAPAN.

Following are the activities conducted betweenMangalore Institute of Technology and Engineering andKumamoto University Japan


Activity 2.Prof.Shuichi Torii, Professor, Kumamoto University, Japandelivered a technical talk on “Clean Energy & Renewable Energy and related Technology to prevent climate change” conducted 16th of March 2017 organised by the Mechanical Engineering Department

Prof.Toriiinitially briefed about Kumamoto University, Japan and the practices followed there.

Prof. Torii explained the topics on Global Warming and Green House Effects and motivated the audience on the usage of waste materials for energy production and explained about the benefits of Bio Fuels and also gave us some research examples. The topic wasalso beneficial for the students to study different courses in Mechanical Engineering, understand the need for clean energy and know the importance of renewable energy sources. **Prof. Torii**also interacted with the students at the end of session.



Prof .Shuichi Torii delivering a session on Clean Energy and Renewable energy


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

BADAGA MIJAR, MOODABIDRI - 574225



MANGALORE INSTITUTE OF TECHNOLOGY AND ENGINEERING
(An ISO 9001:2008 Certified Institution)
A UNIT OF RAJALAXMI EDUCATION TRUST @, MANGALORE
BADAGA MIJAR, MOODABIDRI

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING
SCHEDULE

SL. NO.	DATE	CONTENTS OF THE WORKSHOP	FACULTY INCHARGE
1	21st MARCH 2018	Fundamentals of Web Introduction to XHTML XHTML & Lab Session	Prof. Padmashree
2	22nd MARCH 2018	Cascading Style Sheets (CSS3) Mini Project - I	Prof. John Prakash Veigas
3	23rd MARCH 2018	Basics of JavaScript	Prof. Manjunath H
4	24th MARCH 2018	JavaScript and XHTML documents	Prof. Padmashree
5	26th MARCH 2018	Dynamic Documents with JavaScript Mini Project - II	Prof. Padmashree
6	27th MARCH 2018	HTML 5	Prof. John Prakash Veigas
7	28th MARCH 2018	PHP, Database access with PHP and MYSQL Mini Project - III	Prof. Prashanth
8	29th MARCH 2018	Rapid web development <i>AI chatbot</i>	Mr. Mohammed Azzan Patni and Team

2nd Mar 2018

Invitation Letter

To,
Immigration/Visa Officer,
India.

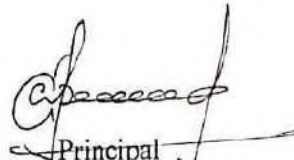
Dear Sir,

We are pleased to invite the following students from Institute of Technical Education, Singapore to Mangalore Institute of Technology and Engineering at Badaga, Mijar, Moodabidri-574225, Karnataka.

Sl. No.	First Name	Gender	Designation	Passport Number
1	Danial Hakim Bin Mohd Jafree	Male	Student	E5943406A
2	Ong Jee Shen	Male	Student	E5218461B
3	Danny Chan Chee Keat	Male	Student	E5182689J
4	Devesh Raj s/o Rajasegaran	Male	Student	E5403844C
5	Mohamed Irman Bin Ismail	Male	Student	E4961194A
6	Muhammad Nur Azlan Bi n Roslan	Male	Student	E6927248E
7	Mansoor Siraj Bin Osman	Male	Student	E0679684C
8	Jasadiyan Panadiya S/O Saravannapava	Male	Student	E6700139E
9	J Thinesh	Male	Student	K0045078Z
10	Navin S/O Selvarajoo	Male	Student	E5474893L

They will be our guests at Mangalore Institute of Technology and Engineering from 20th March 2018 to 30th March 2018. They will stay in our students' hostel and all their transportations have already been arranged by our institute. They are coming to our institute as a part of student exchange program to attend a short term training program, sightseeing and local industry visit organized by our institute.

Thank you.


Principal
(Dr. G.L. Eswara Prasad)
Principal
Mangalore Institute of Technology & Engineering
Badaga Mijar, MOODABIDRI - 574 225

ITE COLLEGE WEST, SINGAPORE CAMPUS VISIT

MANGALORE INSTITUTE OF TECHNOLOGY & ENGINEERING, MOODBIDRI

Tuesday 20th March 2018 to Friday 30th March 2018

TUESDAY, 20th MARCH 2018

Arrival of 10 students with 1 staff at Mangalore Airport
Check in Guest House
Prof. Shree Kumar T

WEDNESDAY, 21st MARCH 2018

- 8.50 A.M Depart from Guest House to MITE Campus
9.00 AM Arrival to the Main Block, MITE Campus
- Group photo session
Location: Main Entrance
- Welcome and Briefing by Principal
- Briefing by Head Dept. of CS&E
Venue: Auditorium 2
10.30 AM **Learning Session 1:**
Fundamentals of Web, Introduction to XHTML
Venue: Main Block, Project Lab
Prof. Padmashree G
12.00 Noon Lunch break
Venue: MITE Mess Hall
2.00 PM **Learning Session 2:**
XHTML & Lab Session
Venue: Main Block, Project Lab
Prof. Padmashree G and Ms. Shweta
4.30 PM Return to Guest House

THURSDAY, 22nd MARCH 2018

- 8.50 A.M Depart from Guest House to MITE Campus
9.00 AM **Learning Session 3:**
Cascading Style Sheets (CSS3)
Venue: Main Block, Project Lab
Prof. John Prakash Veigas
12.00 Noon Lunch break
Venue: MITE Mess Hall
2.00 PM **Learning Session 4:**
Mini Project – I
Venue: Main Block, Project Lab
Prof. John Prakash Veigas and Ms. Shweta

4.30 PM Return to Guest House

FRIDAY, 23rd MARCH 2018

8.50 A.M Depart from Guest House to MITE Campus

9.00 AM **Learning Session 5:**
Basics of JavaScript
Venue: Main Block, Project Lab
Prof. Manjunath H

12.00 Noon Lunch break
Venue: MITE Mess Hall

2.00 PM **Learning Session 6:**
Basics of JavaScript (Practical)
Venue: Main Block, Project Lab
Prof. Manjunath H and Ms. Shweta

3.30 PM Mangalore Visit

7.30 PM Return to Guest House

Karkala

SATURDAY, 24th MARCH 2018

8.50 A.M Depart from Guest House to MITE Campus

9.00 AM **Learning Session 7:**
JavaScript and XHTML documents
Venue: Main Block, Project Lab
Prof. Padmashree G

12.00 Noon Lunch break
Venue: MITE Mess Hall and rest

2.00 PM **Learning Session 8:**
JavaScript and XHTML documents(Practical)
Venue: Main Block, Project Lab
Prof. Padmashree G and Ms. Shweta

4.30 PM Return to Guest House

Mangalore

SUNDAY, 25th MARCH 2018

8.50 A.M Depart from Guest House to MITE Campus

9.00 AM Local Site Seeing and Community Service at Blind School, Venoor
Prof. Sagar Pujar

1.00 Noon Lunch at Hotel Swagath, Karkala

Mangalore

5.00 PM Return to Guest House

MONDAY, 26th MARCH 2018

8.50 A.M Depart from Guest House to MITE Campus

9.00 AM **Learning Session 9:**
Dynamic Documents with JavaScript
Venue: Main Block, Project Lab
Prof. Padmashree

12.00 Noon Lunch break
Venue: MITE Mess Hall

2.00 PM **Learning Session 10:**
Mini Project –II
Venue: Main Block, Project Lab
Prof. Padmashree and Ms. Shweta
4.30 PM Return to Guest House

Blind School

TUESDAY, 27th MARCH 2018

8.50 A.M Depart from Guest House to MITE Campus
9.00 AM **Learning Session 11:**
HTML 5
Venue: Main Block, Project Lab
Prof. John Prakash Veigas
12.00 Noon Lunch break
Venue: MITE Mess Hall and rest
2.00 PM **Learning Session 12:**
HTML5 (Practical)
Venue: Main Block, Project Lab
Prof. John Prakash Veigas and Ms. Shweta
3.30 PM Mangalore Visit
7.30 PM Return to Guest House

*- friendly match -
(Basket Ball)*

WEDNESDAY, 28th MARCH 2018

8.50 A.M Depart from Guest House to MITE Campus
9.00 AM **Learning Session 13:**
PHP, Database access with PHP and MYSQL
Venue: Main Block, Project Lab
Prof. Prashanth B
12.00 Noon Lunch break
Venue: MITE Mess Hall and rest
2.00 PM **Learning Session 14:**
Mini Project III
Venue: Main Block, Project Lab
Prof. Prashanth and Ms. Shweta
4.30 PM Return to Guest House

fest

THURSDAY, 29th MARCH 2018

8.50 A.M Depart from Guest House to MITE Campus
9.00 AM **Learning Session 15:**
Rapid web development
Venue: Main Block, Project Lab
Mr. Mohammed Azzan Patni
12.00 Noon Lunch break
Venue: MITE Mess Hall

* Attending cultural program in the campus ✓

2.00 PM Learning Session 16:
Hands on session on Rapid web development
Venue: Main Block, Project Lab
Mr. Mohammed Azzan Patni and Team

4.30 PM Return to Guest House

FRIDAY, 30th MARCH 2018

8.50 A.M Depart from Guest House to MITE Campus
9.00 AM Industrial visit to Bola cashew industries

1.00 PM Return to Guest House

Afternoon Departure to Singapore as per the flight schedule

Project presentation

PROGRAMME ITINERARIES
FOR VISITORS FROM ITE, SINGAPORE
Tuesday, 20 March –Friday,30 March 2018

TIME	PROGRAM	VENUE	REMARKS
Tuesday, 20 Mar 2018			
???	<ul style="list-style-type: none"> Arrival of 10 ITE students with 1 staff Check in Guest House Free and Easy 	Airport & MITE Guest House	Bus Arrangement Praveen
Wednesday, 21 Mar 2018			
8.50 am	Depart from Guest House to MITE Campus		
9.00 am	Arrival in front Main Block, MITE Campus - Group photo taking session - Welcome and Briefing by Principal - Briefing by Head Dept. of CS&E	MITE Seminar Hall	Dr.Nagesh H.R.
10.30 am	Learning Session 1 Fundamentals of Web, Introduction to XHTML,	Main Block, Project Lab	Padmashree
12.00 pm	Lunch and rest	MITE Hall	
2.00 pm	Learning Session 2 Introduction to HTML5	Main Block, Project Lab	Padmashree Shwetha
4.30pm	Back to Guest House		
Thursday, 22 Mar 2018			
8.50 am	Depart from Guest House to MITE Campus		
9.00 am	Learning Session 3 Cascading Style Sheets (CSS3)	Main Block, Project Lab	Narendra U.P
12.00 pm	Lunch and rest	MITE Hall	
2.00 pm	Learning Session 4(Practical) Mini Project – I	Main Block, Project Lab	Narendra U.P/ Shwetha
4.30 pm	Back to Guest House		
Friday , 23 Mar2018			
8.50 am	Depart from Guest House to MITE Campus		
9.00 am	Learning Session 5 Basics of JavaScript	Main Block, Project Lab	Manjunath H
12.00 pm	Lunch and rest	MITE Hall	
2.00 pm	Learning Session 6(Practical) Java Script	Main Block, Project Lab	Manjunath H/ Shwetha
4.30 pm	Back to Guest House		
Saturday, 24 Mar2018			
8.50 am	Depart from Guest House to MITE Campus		
9.00 am	Learning Session 7 JavaScript and XHTML documents	Main Block, Project Lab	Padmashree
12.00 pm	Lunch and rest	MITE Hall	
2.00 pm	Learning Session 8(Practical) JavaScript and XHTML documents	Main Block, Project Lab	Padmashree/ Shwetha
4.30 pm	Back to Guest House		
SUNDAY, 25 Mar 2018			
8.50 am	Depart from Guest House to MITE Campus		
9.00 am	Local Site Seeing and Community Service at Blind School at Venoor.		PadmashreeVi jayalaxmi /
1.00pm	Lunch at Hotel Swagath, Karkala		
5.00 PM	Back to Guest House		
TIME	PROGRAM	VENUE	Remarks
Monday, 26 Mar 2018			
8.50 am	Depart from Guest House to MITE Campus		
9.00 am	Learning Session 9 Dynamic Documents with JavaScript	Main Block, Project Lab	Vijayalaxmi
12.00 pm	Lunch and rest	MITE Hall	
2.00 pm	Learning Session 10(Practical)	Main Block,	Vijayalaxmi/

PROGRAMME ITINERARIES
FOR VISITORS FROM ITE, SINGAPORE
Tuesday, 20 March –Friday,30 March 2018

	JavaScript and XHTML documents	Project Lab	Shwetha
4.30 pm	Back to Guest House		
Tuesday, 27 Mar 2018			
8.50 am	Depart from Guest House to MITE Campus		
9.00 am	Learning Session 11(Practical) Mini Project using JavaScript, XHTML documents	Main Block, Project Lab	PadmashreeVij ayalaxmi /
12.00 pm	Lunch and rest	MITE Hall	
2.00 pm	Learning Session 12(Practical) Mini Project using JavaScript, XHTML documents	Main Block, Project Lab	PadmashreeVij ayalaxmi /
5.00 PM	Back to Guest House		
Wednesday, 28 Mar 2018			
8.50 am	Depart from Guest House to MITE Campus		
9.00 am	Learning Session 13 Basics of Perl, Using Perl for CGI Programming	Main Block, Project Lab	Vijayalaxmi
12.00 pm	Lunch and rest	MITE Hall	
2.00 pm	Learning Session 14(Practical) Mini Project – III	Main Block, Project Lab	Vijayalaxmi/ Shwetha
4.30 pm	Back to Guest House		
Thursday, 29 Mar 2018			
8.50 am	Depart from Guest House to MITE Campus		
9.00 am	Learning Session 15 PHP, Database access with PHP and MYSQL Major Project	Main Block, Project Lab	Vijayalaxmi
12.00 pm	Lunch and rest	MITE Hall	
2.00 pm	Learning Session 16(Practical) PHP, Database access with PHP and MYSQL Major Project	Main Block, Project Lab	Vijayalaxmi/ Shwetha
4.30 pm	Back to Guest House		
Friday, 30 Mar 2018			
9.00 am	Visit to Dhanalaxmi Cashew industries		Bus arrangement
1.00 pm	Back to Guest House		
???	Pack and Depart to Airport		Bus arrangement

MANGALORE INSTITUTE OF TECHNOLOGY AND ENGINEERING
STUDENT EXCHANGE PROGRAM – ITE College West, Singapore



Department of CSE/ISE


Date: 30/03/2018

PROJECT EVALUATION SHEET

Sl/No	Name	Marks (Max 10)
1	Danial Hakim Bin Mohd Jafree	7
2	Ong Jee Shen	8
3	Janesh S/O Paneersalvam	6
4	Devesh Raj s/o Rajasegaran	6
5	Mohamed Irman Bin Ismail	7
6	Muhammad Nur Azlan Bi n Roslan	8
7	Mansoor Siraj Bin Osman	8
8	Jasadiyan Panadiya S/O Saravannapava	8
9	J Thinesh	8
10	Navin S/O Selvarajoo	8

Project Reviewers:

1. Prof. John Prakash Veigas :  30-03-18
2. Prof. Prashanth B S :  30-3-18



Head of the Department

Head of the Dept. of Comp. Sci. & Engg.
Mangalore Institute of Technology & Engg.
Badaga Mijar, MADRASAPET - 574 225

PROGRAMME ITINERARIES
FOR VISITORS FROM ITE, SINGAPORE
Tuesday, 20 March –Friday,30 March 2018

TIME	PROGRAM	VENUE	REMARKS
Tuesday, 20 Mar 2018			
???	<ul style="list-style-type: none"> Arrival of 10 ITE students with 1 staff Check in Guest House Free and Easy 	Airport & MITE Guest House	Bus Arrangement Praveen
Wednesday, 21 Mar 2018			
8.50 am	Depart from Guest House to MITE Campus		
9.00 am	Arrival in front Main Block, MITE Campus - Group photo taking session - Welcome and Briefing by Principal - Briefing by Head Dept. of CS&E	MITE Seminar Hall	Dr.Nagesh H.R.
10.30 am	Learning Session 1 Fundamentals of Web, Introduction to XHTML,	Main Block, Project Lab	Padmashree
12.00 pm	Lunch and rest	MITE Hall	
2.00 pm	Learning Session 2 Introduction to HTML5	Main Block, Project Lab	Padmashree Shwetha
4.30pm	Back to Guest House		
Thursday, 22 Mar 2018			
8.50 am	Depart from Guest House to MITE Campus		
9.00 am	Learning Session 3 Cascading Style Sheets (CSS3)	Main Block, Project Lab	Narendra U.P
12.00 pm	Lunch and rest	MITE Hall	
2.00 pm	Learning Session 4(Practical) Mini Project – I	Main Block, Project Lab	Narendra U.P/ Shwetha
4.30 pm	Back to Guest House		
Friday , 23 Mar2018			
8.50 am	Depart from Guest House to MITE Campus		
9.00 am	Learning Session 5 Basics of JavaScript	Main Block, Project Lab	Manjunath H
12.00 pm	Lunch and rest	MITE Hall	
2.00 pm	Learning Session 6(Practical) Java Script	Main Block, Project Lab	Manjunath H/ Shwetha
4.30 pm	Back to Guest House		
Saturday, 24 Mar2018			
8.50 am	Depart from Guest House to MITE Campus		
9.00 am	Learning Session 7 JavaScript and XHTML documents	Main Block, Project Lab	Padmashree
12.00 pm	Lunch and rest	MITE Hall	
2.00 pm	Learning Session 8(Practical) JavaScript and XHTML documents	Main Block, Project Lab	Padmashree/ Shwetha
4.30 pm	Back to Guest House		
SUNDAY, 25 Mar 2018			
8.50 am	Depart from Guest House to MITE Campus		
9.00 am	Local Site Seeing and Community Service at Blind School at Venoor.		PadmashreeVi jayalaxmi /
1.00pm	Lunch at Hotel Swagath, Karkala		
5.00 PM	Back to Guest House		
TIME	PROGRAM	VENUE	Remarks
Monday, 26 Mar 2018			
8.50 am	Depart from Guest House to MITE Campus		
9.00 am	Learning Session 9 Dynamic Documents with JavaScript	Main Block, Project Lab	Vijayalaxmi
12.00 pm	Lunch and rest	MITE Hall	
2.00 pm	Learning Session 10(Practical)	Main Block,	Vijayalaxmi/

PROGRAMME ITINERARIES
FOR VISITORS FROM ITE, SINGAPORE
Tuesday, 20 March –Friday,30 March 2018

	JavaScript and XHTML documents	Project Lab	Shwetha
4.30 pm	Back to Guest House		
Tuesday, 27 Mar 2018			
8.50 am	Depart from Guest House to MITE Campus		
9.00 am	Learning Session 11(Practical) Mini Project using JavaScript, XHTML documents	Main Block, Project Lab	PadmashreeVij ayalaxmi /
12.00 pm	Lunch and rest	MITE Hall	
2.00 pm	Learning Session 12(Practical) Mini Project using JavaScript, XHTML documents	Main Block, Project Lab	PadmashreeVij ayalaxmi /
5.00 PM	Back to Guest House		
Wednesday, 28 Mar 2018			
8.50 am	Depart from Guest House to MITE Campus		
9.00 am	Learning Session 13 Basics of Perl, Using Perl for CGI Programming	Main Block, Project Lab	Vijayalaxmi
12.00 pm	Lunch and rest	MITE Hall	
2.00 pm	Learning Session 14(Practical) Mini Project – III	Main Block, Project Lab	Vijayalaxmi/ Shwetha
4.30 pm	Back to Guest House		
Thursday, 29 Mar 2018			
8.50 am	Depart from Guest House to MITE Campus		
9.00 am	Learning Session 15 PHP, Database access with PHP and MYSQL Major Project	Main Block, Project Lab	Vijayalaxmi
12.00 pm	Lunch and rest	MITE Hall	
2.00 pm	Learning Session 16(Practical) PHP, Database access with PHP and MYSQL Major Project	Main Block, Project Lab	Vijayalaxmi/ Shwetha
4.30 pm	Back to Guest House		
Friday, 30 Mar 2018			
9.00 am	Visit to Dhanalaxmi Cashew industries		Bus arrangement
1.00 pm	Back to Guest House		
???	Pack and Depart to Airport		Bus arrangement

ITE COLLEGE WEST, SINGAPORE CAMPUS VISIT

MANGALORE INSTITUTE OF TECHNOLOGY & ENGINEERING, MOOBBIDRI

Sunday 17 September 2017 to Thursday 27 September 2017

SUNDAY, 17 SEP 2017

Arrival of 10 students with 1 staff at Mangalore Airport
Check in Guest House
Prof. Shree Kumar T

MONDAY, 18 SEP 2017

- 9.00 AM** Arrival to the Main Block, MITE Campus
- Group photo session
Location: Main Entrance
- Welcome and Briefing by Principal
- Briefing by Head Dept. of CS&E
Location: Auditorium 2
- 10.30 AM** Learning Session 1: Fundamentals of Web, Introduction to XHTML
Location: Main Block, Project Lab
Prof: Padmashree G
- 12.00 Noon** Lunch at MITE Mess Hall and rest
- 2.00 PM** Learning Session 2: XHTML & Lab Session
Location: Main Block, Project Lab
Prof: Padmashree G and Ms. Shweta
- 4.30 PM** Return to Guest House

TUESDAY, 19 SEP 2017

- 9.00 AM** Learning Session 3: Cascading Style Sheets (CSS3)
Location: Main Block, Project Lab
Prof. John Prakash Vegas
- 12.00 Noon** Lunch at MITE Mess Hall and rest
- 2.00 PM** Learning Session 4: Mini Project – I
Location: Main Block, Project Lab
Prof. John Prakash Vegas and Ms. Shweta
- 4.30 PM** Return to Guest House

WEDNESDAY 20, SEP 2017

9.00 AM Learning Session 5: Basics of JavaScript
Location: Main Block, Project Lab
Prof. Manjunath H

12.00 Noon Lunch at MITE Mess Hall and rest

2.00 PM Learning Session 6: Basics of JavaScript (Practical)
Location: Main Block, Project Lab
Prof. Manjunath H and Ms. Shweta

3.30 PM Mangalore Visit

7.30 PM Return to Guest House

THURSDAY 21, SEP 2017

9.00 AM Learning Session 7: JavaScript and XHTML documents
Location: Main Block, Project Lab
Prof. Padmashree G

12.00 Noon Lunch at MITE Mess Hall and rest

2.00 PM Learning Session 8: JavaScript and XHTML documents(Practical)
Location: Main Block, Project Lab
Prof. Padmashree G and Ms. Shweta

4.30 PM Return to Guest House

FRIDAY 22, SEP 2017

9.00 AM Learning Session 9: Dynamic Documents with JavaScript
Location: Main Block, Project Lab
Prof. Padmashree

12.00 Noon Lunch at MITE Mess Hall and rest

2.00 PM Learning Session 10: Mini Project –II
Location: Main Block, Project Lab
Prof. Padmashree and Ms. Shweta

4.30 PM Return to Guest House

SATURDAY 23, SEP 2017

9.00 AM Learning Session 11: HTML 5
Location: Main Block, Project Lab
Prof. John Prakash Vegas

12.00 Noon Lunch at MITE Mess Hall and rest

2.00 PM Learning Session 12:HTML5(Practical)
Location: Main Block, Project Lab
Prof. John Prakash and Ms. Shweta

3.30 PM Mangalore Visit

7.30 PM Return to Guest House

SUNDAY 24, SEP 2017

- 10.00 AM** Local Site Seeing and Community Service at Blind School, Venoor
Prof. Krishna Murthy
- 1.00 Noon** Lunch at Hotel Swagath, Karkala
- 5.00 PM** Return to Guest House

MONDAY 25, SEP 2017

- 9.00 AM** Learning Session 13: PHP, Database access with PHP and MYSQL
Location: Main Block, Project Lab
Prof. Prashanth B
- 12.00 Noon** Lunch at MITE Mess Hall and rest
- 2.00 PM** Learning Session 14: Mini Project III
Location: Main Block, Project Lab
Prof. Prashanth and Ms. Shweta
- 4.30 PM** Return to Guest House

TUESDAY 26, SEP 2017

- 9.00 AM** Learning Session 15: Rapid web development
Location: Main Block, Project Lab
Mr. Mohammed Azzan Patni
- 12.00 Noon** Lunch at MITE Mess Hall and rest
- 2.00 PM** Learning Session 16: Hands on session on Rapid web development
Location: Main Block, Project Lab
Mr. Mohammed Azzan Patni and Team
- 4.30 PM** Return to Guest House

WEDNESDAY 27 SEP 2017

- 9.00 AM** Industrial visit to Bola cashew industries
- 1.00 PM** Return to Guest House
- Afternoon** Departure to Singapore as per the flight schedule

PROGRAMME ITINERARIES
FOR VISITORS FROM ITE, SINGAPORE
SUNDAY, 18 SEP - WEDNESDAY, 28 SEP 2016

TIME	PROGRAM	VENUE	REMARKS
SUNDAY, 18 SEP 2016			
???	<ul style="list-style-type: none"> Arrival of 10 ITE students with 1 staff Check in Guest House Free and Easy 	Airport & MITE Guest House	Bus Arrangement Praveen
MONDAY, 19 SEP 2016 <i>Visit to city Mall after 3.30 PM</i>			
8.50 am	Depart from Guest House to MITE Campus		
9.00 am	Arrival in front Main Block, MITE Campus - Group photo taking session - Welcome and Briefing by Principal - Briefing by Head Dept. of CS&E	MITE Seminar Hall	Dr. Nagesh H.R.
10.30 am	Learning Session 1 Fundamentals of Web, Introduction to XHTML ✓	Main Block, Project Lab	Padmashree
12.00 pm	Lunch at MITE Mess Hall and rest	MITE Mess Hall	
2.00 pm	Learning Session 2 Introduction to HTML5 ✓	Main Block, Project Lab	Padmashree Shwetha
4.30 pm	Back to Guest House		
TUESDAY, 20 SEP 2016 <i>campus tour after 3.30 P.M</i>			
8.50 am	Depart from Guest House to MITE Campus		
9.00 am	Learning Session 3 Cascading Style Sheets (CSS3) ✓	Main Block, Project Lab	Narendra U.P
12.00 pm	Lunch at MITE Mess Hall and rest	MITE Mess Hall	
2.00 pm	Learning Session 4 (Practical) Mini Project - I	Main Block, Project Lab	Narendra U.P/ Shwetha
4.30 pm	Back to Guest House		
WEDNESDAY, 21 SEP 2016			
8.50 am	Depart from Guest House to MITE Campus		
9.00 am	Learning Session 5 Basics of JavaScript ✓	Main Block, Project Lab	Manjunath H
12.00 pm	Lunch at MITE Mess Hall and rest	MITE Mess Hall	
2.00 pm	Learning Session 6 (Practical) Java Script	Main Block, Project Lab	Manjunath H/ Shwetha
4.30 pm	Back to Guest House		
THURSDAY, 22 SEP 2016 <i>Visit to Sports Field - Moodbad at 3.30 PM</i>			
8.50 am	Depart from Guest House to MITE Campus		
9.00 am	Learning Session 7 JavaScript and XHTML documents ✓	Main Block, Project Lab	Padmashree
12.00 pm	Lunch at MITE Mess Hall and rest	MITE Mess Hall	
2.00 pm	Learning Session 8 (Practical) JavaScript and XHTML documents ✓	Main Block, Project Lab	Padmashree/ Shwetha
4.30 pm	Back to Guest House		
FRIDAY, 23 SEP 2016 <i>Football or Vally ball with MITE Students</i>			
8.50 am	Depart from Guest House to MITE Campus		
9.00 am	Learning Session 9 Dynamic Documents with JavaScript ✓	Main Block, Project Lab	Vijayalaxmi
12.00 pm	Lunch at MITE Mess Hall and rest	MITE Mess Hall	
2.00 pm	Learning Session 10 (Practical) JavaScript and XHTML documents ✓	Main Block, Project Lab	Vijayalaxmi/ Shwetha
4.30 pm	Back to Guest House		

Visit to School at Vemoor at 3.00 PM

**PROGRAMME ITINERARIES
FOR VISITORS FROM ITE, SINGAPORE
SUNDAY, 18 SEP -WEDNESDAY,28 SEP 2016**

SATURDAY, 24 SEP 2016			
8.50 am	Depart from Guest House to MITE Campus		
9.00 am	Learning Session 11(Practical) Mini Project using JavaScript, XHTML documents	Main Block, Project Lab	Padmashree Vijayalaxmi /
12.00 pm	Lunch at MITE Mess Hall and rest	MITE Mess Hall	
2.00 pm	Learning Session 12(Practical) Mini Project using JavaScript, XHTML documents	Main Block, Project Lab	Padmashree Vijayalaxmi /
4.30 pm	Back to Guest House		
TIME	PROGRAM	VENUE	Remarks
SUNDAY, 25 SEP 16			
9.00 am	Local Site Seeing and Community Service at Blind School at Venoor. 9.30 Visit Forum Mall		Padmashree Vijayalaxmi /
1.00pm	Luch at Hotel Swagath, Karkala		
5.00 PM	Back to Guest House		
MONDAY, 26 SEP 2016			
8.50 am	Depart from Guest House to MITE Campus		
9.00 am	Learning Session 13 Basics of Perl, Using Perl for CGI Programming ✓	Main Block, Project Lab	Vijayalaxmi
12.00 pm	Lunch at MITE Mess Hall and rest	MITE Mess Hall	
2.00 pm	Learning Session 14(Practical) Mini Project – III	Main Block, Project Lab	Vijayalaxmi/ Shwetha
4.30 pm	Back to Guest House		
TUESDAY, 27 SEP 2016			
8.50 am	Depart from Guest House to MITE Campus		
9.00 am	Learning Session 15 PHP, Database access with PHP and MYSQL ✓ Major Project	Main Block, Project Lab	Vijayalaxmi
12.00 pm	Lunch at MITE Mess Hall and rest	MITE Mess Hall	
2.00 pm	Learning Session 16(Practical) PHP, Database access with PHP and MYSQL Major Project	Main Block, Project Lab	Vijayalaxmi/ Shwetha
4.30 pm	Back to Guest House		
WEDNESDAY, 28 SEP 2016			
9.00 am	Visit to Dhanalaxmi Cashew industries		Bus arrangement
1.00 pm	Back to Guest House		Bus arrangement
???	Depart from Hotel to Airport		

-Moodabidri local market visit and visit
to Soans Farm

Students from Singapore land at MITE for training

Moodbidri: Students from ITE-West Singapore arrived at Mangalore Institute of Technology and Engineering (MITE) here for a two-week training. As per an MoU between ITE West Singapore and MITE, students from Singapore have been undergoing training courses every year at MITE since 2010. They will undergo training on web technology and development that departments of computer science and information science engineering will conduct.

As part of the training programme, there will also be an interaction session between the local students and the visiting students. MITE has been conducting international student exchange programme successively for the last six years.

Shanti Shekar, MDIS Singapore, International consultant for MBA and engineering will also be visiting MITE, and will be handling a subject for the MBA students. TNN

29 Aug 2016

The Visa Officer,
High Commission of India, Singapore

Dear Sir,

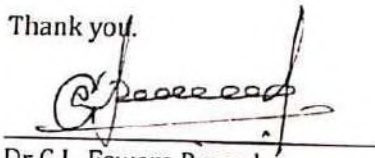
We are pleased to invite the following students from Institute of Technical Education, Singapore to Mangalore Institute of Technology and Engineering at Badaga Mijar, Moodabidri-574225, Karnataka.

S/No	First Name	Last Name	Gender	Designation	Passport Number
1	Johnathan Toh Mei Guang	Toh	Male	Student	E6226141J
2	Loh Kai Siang	Loh	Male	Student	E5547031D
3	Woon Yong Jie	Woon	Male	Student	E5602946H
4	Matthew Tan Wang Wang	Tan	Male	Student	E5491276C
5	Tobias Toh Teng Kiat	Toh	Male	Student	E4205201K
6	Tan Jun Hao Ryan	Tan	Male	Student	E3897572J
7	Alfie Goh Li Heng	Goh	Male	Student	E4089926H
8	Goh Chee Haw	Goh	Male	Student	E4909437H
9	Kwok Weng Hong	Kwok	Male	Student	E4796909A
10	Edwin Low En Lin	Low	Male	Student	E4554645B

They will be our guests at Mangalore Institute of Technology and Engineering from 18th Sep 2016 to 29th Sep 2016. They will stay in our students' hostel and all their transportations have already been arranged by our institute. They are coming to our institute for the purpose of student exchange and to attend a short training program organized by our institute.

Kindly issue the necessary visa for single entry to this group of people.

Thank you.



Dr G.L. Eswara Prasad

Principal

Mangalore Institute of Technology and Engineering

Principal

Mangalore Institute of Technology & Engineering
Badaga Mijar, MOODABIDRI - 574 225

Mangalore Institute of Technology & Engineering

An ISO 9001:2008 Certified Institution
(A Unit of Rajalaxmi Education Trust^(R), Mangalore)

Website: www.mite.ac.in



Certificate



Web Technologies & Development

Mr. Danial Hakim Bin Mohd Jafree

of ITE College West, Singapore has successfully completed 10 days of Training programme held during the period March 21st 2018 to March 30th 2018, at Mangalore Institute of Technology & Engineering, Moodabidri.

A handwritten signature in blue ink, appearing to read "V. Bhat", with a long horizontal stroke extending to the right.

Co-ordinator

Dr. Venkatramana Bhat P

A handwritten signature in green ink, appearing to read "G. Easwara Prasad", with a long horizontal stroke extending to the right.

Principal

Dr. G.L. Easwara Prasad

A handwritten signature in blue ink, appearing to read "R. Chouta", with a long horizontal stroke extending to the right.

Chairman

Mr. Rajesh Chouta



MOU WITH MDIS, SINGAPORE



MDIS
Management Development
Institute of Singapore

Founded in 1956, the Management Development Institute of Singapore (MDIS) is Singapore's oldest not-for-profit professional institute for lifelong learning. MDIS offers internationally-accredited courses in Business and Management, Engineering, etc. These programmes are offered in collaboration with renowned universities in the United Kingdom.

MITE has an MOU with MDIS, Singapore wherein MBA Students of MITE have an opportunities to undergo Training by MDIS Singapore. MBA students of MITE students get global experience in International pedagogy and international culture. One faculty from MDIS visits MITE every year and teaches a course. Details for the last 5 years are as under:

COURSES TAKEN BY PROF.SHANTI SEKHAR, MDIS, SINGAPORE AT MITE

Year	Dates	Course	Course code	No of students
2015-16	16.11 to 21.11 and 14.12 to 20.12 in 2015	Business Analytics	14MBA14	85
2016-17	17.10 to 26.10 and 7.11 to 11.11 in 2016	Quantitative Methods	16MBA14	79
2017-18	23.10 to 28.10 in 2017 and 2.1 to 6.1 in 2018	Quantitative Methods	16MBA14	78
2018-19	9.11 to 17.11 and 6.12 to 12.12 in 2018	Business Statistics and Analytics	18MBA14	96
2019-20	5.11 to 11.11 and 5.12 to 11.12 in 2019	Management and Organisation Behaviour	18MBA11	105

[Signature]
Head of the Department of
Master of Business Administration (MBA)
Mangalore Institute of Technology & Engineering
P.O.Mijar, MOOD 575005
MANGALORE, KARNATAKA

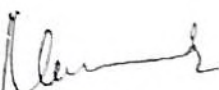
MANGALORE INSTITUTE OF TECHNOLOGY AND ENGINEERING
BOSCH REXROTH CENTRE OF COMPETENCE IN AUTOMATION TECHNOLOGY

COURSE CONTENTS FOR PROGRAMMABLE LOGIC CONTROLLER PROGRAM

Course offered to : CSE/ISE/ECE - II Year Students

Course Frequency : Weekly Two hours

No	Course Content
1	Introduction to Automation Technology Programmable Logic Controllers PLC Programming Languages
2	PLC Programming Environment Program Setup using Indraworks Engineering PLC Configuration in Indraworks Engineering Simple Basic Programs of Logic Gates
3	PLC Programs on Complex Gates Latching Motor Project Execution
4	PLC Box Tool Box Programs - Arithmetic, Logical, Rotation, Shift, MUX
5	Counter Programs in PLC Simple Projects
6	Timer Programs in PLC Simple Projects
7	Demo of PLC interface with Pneumatics Mechatronics Kit Demo
8	PLC Practice Exercises


NARENDRA U P

HEAD - Bosch Rexroth Co





Mangalore Institute of Technology and Engineering

(ISO 9001:2008 Certified Institution)

In Association with

Bosch Rexroth Centre Of Competence in Automation Technology

Programme Name: Industrial Automation Technology

Course Name: Hydraulics and Pneumatics

Course Code: BM01

Chapter	Topics/Contents	Number of Hours
1	FUNDAMENTALS AND BASIC PRINCIPLES Introduction, Fluid flow fundamentals, Pascal's Law, Advantages of using Fluid Power , Components of a Hydraulic System	3 Hours
2	PUMPS, ACTUATORS AND VALVES Pumping Theory, Pump Classification, Gear Pump, Vane pumps, Piston pumps, Pump Performance, Hydraulic Actuators and Motors, Motor Performance, Control Valves, Hydraulic Accumulator	3 Hours
3	PROJECTS Hydraulic pump/characteristic curve of variable displacement pump Single-rod cylinder/pressure Intensification Application of 4/3 directional valve Study of Hydraulic Motor with 4/3 DCV	9Hours
4	INTRODUCTION TO PNEUMATIC CONTROL. COMPRESSED AIR PREPARATION PNEUMATIC CYLINDERS DIRECTIONAL CONTROL VALVE	6 Hours
5	CONTROLLING OF PNEUMATIC CYLINDERS SPEED CONTROL OF CYLINDERS SIGNAL PROCESSING DEVICES Co-ORDINATED MOTION CONTROL HANDS ON WITH PNEUMATICS	3 Hours
6	PROJECT EXERCISES Direct control of Double Acting Cylinder Indirect control of Double Acting Cylinder Speed Control of Single Acting Cylinder—Slow Speed Extension and Rapid Retraction	6 Hours
7	PROJECT EXERCISES Position Dependent Control of a Double Acting Cylinder with Mechanical Limit Switches Logical Controls with Shuttle and Twin-Pressure Valves Sequential Control of Two Double Acting Cylinders without overlapping signals	6 Hours

III SEM EC1 STUDENT LIST

SL. NO	USN	NAME	AUG-2019 to NOV-2019							
			6/8	27/8	3/9	17/9	24/9	1/10	15/10	
①	4MT18EC001	ABHILASH	A	A	A	1	2	3	A	
②	4MT18EC002	ABHISHEK A G	A	1	A	2	3	4	A	
3	4MT18EC003	ABHISHEK BHAT	1	2	3	4	5	6	7	
4	4MT18EC004	ABHISHEK KRISHNA NAIK	1	2	3	4	A	5	6	
5	4MT18EC005	ABHISHEK SHETTIGAR	1	A	2	3	4	5	6	
6	4MT18EC006	ABILASH A R	1	2	3	4	5	6	7	
7	4MT18EC007	ADARSH	1	A	2	3	4	5	6	
⑧	4MT18EC008	ADARSH S POOJARY	1	A	2	3	4	A	5	
9	4MT18EC009	ADARSH S SHETTY	1	2	3	4	5	A	6	
10	4MT18EC010	ADITHYA RAJ KHATHI	1	2	3	4	5	6	7	
11	4MT18EC011	ADITYA UMESH SHET	1	2	A	3	4	5	6	
12	4MT18EC012	AISHWARYA	1	2	3	4	5	6	7	
13	4MT18EC013	AISHWARYA S B	1	2	3	4	5	6	7	
⑭	4MT18EC014	AJITH	1	A	A	2	3	4	5	
15	4MT18EC015	AMIN PRADVITH GANESH	1	A	2	3	4	5	6	
16	4MT18EC016	ANAMIKA DINESH	1	2	3	4	5	6	7	
⑰	4MT18EC017	ANKITH H SHETTY	1	A	A	A	2	3	A	
18	4MT18EC018	ANKITH M G	1	2	3	4	5	6	7	
19	4MT18EC019	ANVIRAJA SHETTY	A	A	A	A	A			
20	4MT18EC020	ASHISH NAYAK	1	2	3	4	5	6	7	
21	4MT18EC021	ASHRITHA C	1	A	2	3	4	5	6	
22	4MT18EC022	ASHWAL R SHETTY	1	2	3	4	5	6	A	
23	4MT18EC023	ASHWITHA SHETTY	1	2	3	4	5	6	7	
24	4MT18EC025	BRAYAN ROLAND SALDANHA	1	2	3	4	5	6	7	
25	4MT18EC026	CHANDINI	1	2	3	A	A	5	6	
26	4MT18EC027	CHINMAYA NILAKANTHA NAIK	1	2	3	4	5	6	7	

27	4MT18EC028	DEEPIKA	1	2	3	4	5	A	6	
28	4MT18EC029	GAURISH VIDYADHAR NAIK	1	2	3	4	5	6	7	
29	4MT18EC030	GOWTHAM	1	A	2	3	4	5	6	
30	4MT18EC031	HIMANSHU BHATT	1	A	2	3	4	5	6	
31	4MT18EC032	JACINTHA BEENA MATHIAS	1	2	3	4	5	6	7	
32	4MT18EC033	JAYANTH KUMAR N	1	2	3	4	5	6	7	
33	4MT18EC034	JAYANTHA NAYAK	1	2	3	4	5	6	7	
34	4MT18EC035	JITHESH K	1	2	3	4	5	6	A	
35	4MT18EC036	KISHAN	1	A	2	3	A	4	5	
36	4MT18EC037	LAHARI	1	2	3	4	A	5	6	
37	4MT18EC038	LATHEESH SHETTY	1	A	2	3	A	4	5	
38	4MT18EC039	LIKHITHA	1	2	3	4	5	6	7	
39	4MT18EC040	M H VIDYASHREE	1	2	3	4	5	6	7	
40	4MT18EC041	M KARUNAVATHI	1	2	3	4	5	6	7	
41	4MT18EC042	M U ABHISHA	1	2	3	4	A	5	6	
42	4MT18EC043	MANOJ P	1	2	3	4	5	6	A	
43	4MT18EC044	MAYURI JOSHI V	1	2	3	4	5	6	7	
44	4MT18EC045	MB SACHIN	1	A	2	3	4	5	A	
45	4MT18EC046	MEGHA MANJUNATHA NAIK	1	2	3	4	5	6	7	
46	4MT18EC047	MEGHA V KULKARNI	1	2	3	4	5	6	7	
47	4MT18EC048	MOHAMED FAZIL SHEIK	1	2	3	4	5	6	7	
48	4MT18EC049	NAGESHA	1	2	3	4	5	6	7	
49	4MT18EC050	NAYAK ASHMITHA SURESH	1	2	3	4	5	6	7	
50	4MT18EC051	NIHARIKA	1	2	3	4	5	6	7	
51	4MT18EC052	NIKETHAN POOJARY	1	2	3	4	5	6	7	
52	4MT18EC053	NIKHIL P MAHALSEKAR	1	2	3	4	5	6	7	

Total no. of Students - 51

no. of students Eligible

for certificate $\Rightarrow 51 - 08 = 43$

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

DRIVE & CONTROL ACADEMY

Program on

Industrial Automation Technology

CERTIFICATE

ASHIKA

4MT17IS058

of **Mangalore Institute of Technology & Engineering, Moodabidri**


has successfully completed the Certification program in the Training held during the period Feb 2019 to May 2019 at "**Mangalore Institute of Technology & Engineering - Bosch Rexroth Centre of Competence in Automation Technology**", Moodabidri.

Contents of the training:

☒ Programmable Logic Controllers

Bosch Rexroth AG hereby confirms that the above mentioned participant has completed the training in line with Bosch Rexroth Training Centre Guidelines.




Mr. Narendra U.P
Head
MITE-BR CoC, Moodabidri

DRIVE & CONTROL ACADEMY

Program on

Industrial Automation Technology

CERTIFICATE

DIVYA BHASKAR BOVI

of Mangalore Institute of Technology & Engineering, Moodabidri
has successfully completed the Certification program in the Training held during the period
Aug 2018 to Nov 2018 at "Mangalore Institute of Technology & Engineering - Bosch Rexroth
Centre of Competence in Automation Technology", Moodabidri.

Contents of the training:

Hydraulics & Pneumatics

Bosch Rexroth AG hereby confirms that the above mentioned participant has completed
the training in line with Bosch Rexroth Training Centre Guidelines.

[Handwritten signature]

Mr. Chetan Rajdev
Deputy General Manager
Bosch Rexroth (India) Limited



[Handwritten signature]

Mr. Narendra U.P
Head
MITE-BR CoC, Moodabidri

DRIVE & CONTROL ACADEMY

Program on

Industrial Automation Technology

CERTIFICATE

JOY ASHLY DSOUZA

4MT16ISO15

of Mangalore Institute of Technology & Engineering, Moodabidri

has successfully completed the Certification program in the Training held during the period Feb 2018 to Apr 2018 at "Mangalore Institute of Technology & Engineering - Bosch Rexroth Centre of Competence in Automation Technology", Moodabidri.

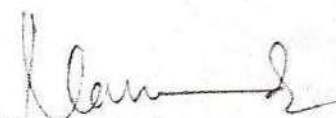
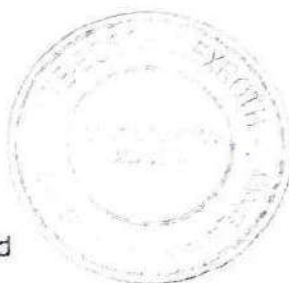
Contents of the training:

└ Programmable Logic Controllers

Bosch Rexroth AG hereby confirms that the above mentioned participant has completed the training in line with Bosch Rexroth Training Centre Guidelines.



Mr. Chetan Rajdev
Deputy General Manager
Bosch Rexroth (India) Limited



Mr. Narendra U.P
Head
MITE-BR CoC, Moodabidri

DRIVE & CONTROL ACADEMY

Program on

Industrial Automation Technology

CERTIFICATE

AKASH T

4MT16CV006

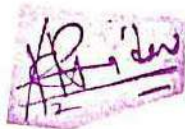
of **Mangalore Institute of Technology & Engineering, Moodabidri**

has successfully completed the Certification program in the Training held during the period Feb 2018 to May 2018 at "**Mangalore Institute of Technology & Engineering - Bosch Rexroth Centre of Competence in Automation Technology**", Moodabidri.

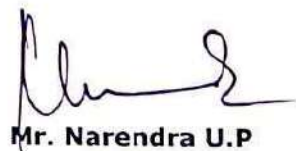
Contents of the training:

 **Hydraulics & Pneumatics**

Bosch Rexroth AG hereby confirms that the above mentioned participant has completed the training in line with Bosch Rexroth Training Centre Guidelines.



Mr. Chetan Rajdev
Deputy General Manager
Bosch Rexroth (India) Limited



Mr. Narendra U.P
Head
MITE-BR CoC, Moodabidri



| Hydraulics

| Pneumatics

| Programmable Logic Controllers

| Mechatronics

Rexroth
Bosch Group

DRIVE & CONTROL ACADEMY

Program on

Industrial Automation Technology

CERTIFICATE

Nidhi Dayanand

of Mangalore Institute of Technology & Engineering, Moodabidri
has successfully completed the Certification program in the Training held during the period
Feb 2017 to May 2017 at "Mangalore Institute of Technology & Engineering - Bosch Rexroth
Centre of Competence in Automation Technology", Moodabidri.

Contents of the training:

▣ Programmable Logic Controllers

Bosch Rexroth AG hereby confirms that the above mentioned participant has completed
the training in line with Bosch Rexroth Training Centre Guidelines.

Mr. Chetan Rajdev
Deputy General Manager
Bosch Rexroth (India) Limited



Mr. Narendra U.P
Head
MITE-BR CoC, Moodabidri

DRIVE & CONTROL ACADEMY

Program on

Industrial Automation Technology

CERTIFICATE

BASAVANAGOWDA D B

of **Mangalore Institute of Technology & Engineering, Moodabidri**
has successfully completed the Certification program in the Training held during the period
Aug 2016 to Nov 2016 at "**Mangalore Institute of Technology & Engineering - Bosch Rexroth**
Centre of Competence in Automation Technology", Moodabidri.

Contents of the training:

Hydraulics & Pneumatics

Bosch Rexroth AG hereby confirms that the above mentioned participant has completed
the training in line with Bosch Rexroth Training Centre Guidelines.



Mr. Chetan Rajdev
Deputy General Manager
Bosch Rexroth (India) Limited



Mr. Narendra U.P
Head
MITE-BR CoC, Moodabidri



| Hydraulics

| Pneumatics

| Programmable Logic Controllers

| Mechatronics

Rexroth
Bosch Group

DRIVE & CONTROL ACADEMY

Program on

Industrial Automation Technology

CERTIFICATE

Hegde Deekshith

USN: 4MT14CS041

of **Mangalore Institute of Technology & Engineering, Moodabidri**

has successfully completed the Certification program in the Training held during the period Aug 2015 to Dec 2015 at "Mangalore Institute of Technology & Engineering - Bosch Rexroth Centre of Competence in Automation Technology", Moodabidri.

Contents of the training:

▣ Programmable Logic Controllers

Bosch Rexroth AG hereby confirms that the above mentioned participant has completed the training in line with Bosch Rexroth Training Centre Guidelines.

Mr. Chetan Rajdev
Deputy General Manager
Bosch Rexroth (India) Limited



Mr. Narendra U.P
Head
MITE-BR CoC, Moodabidri

DRIVE & CONTROL ACADEMY

Program on

Industrial Automation Technology


CERTIFICATE

ARJUN P

USN : 4MT13ME034

of Mangalore Institute of Technology & Engineering, Moodabidri
has successfully completed the Certification program in the Training held during the period
Aug 2015 to Dec 2015 at " **Mangalore Institute of Technology & Engineering - Bosch Rexroth
Centre of Competence in Automation Technology**", Moodabidri.

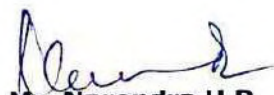
Contents of the training:

 Hydraulics & Pneumatics

Bosch Rexroth AG hereby confirms that the above mentioned participant has completed
the training in line with Bosch Rexroth Training Centre Guidelines.



Mr. Chetan Rajdev
Deputy General Manager
Bosch Rexroth (India) Limited



Mr. Narendra U.P
Head
MITE-BR CoC, Moodabidri



Mangalore Institute of Technology and Engineering

(ISO 9001:2008 Certified Institution)

In Association with

**SEIMENS Center of Excellence for digital design, manufacturing
and Validation**

Course Name: NX CAD

Course Code: SM03

Total Number of Hours: 40 Hours

Chapter	Topics/Contents	Number of Hours
1	INTRODUCTION:- Brief introduction about software	2 Hours
2	GETTING STARTED: basics required to use CAD package. a) Opening an NX 10 session, b) Printing, saving, and closing part files, c) getting acquainted with the NX 10 user interface d) Using layers and e) Understanding important commands and dialogs.	3 Hours
3	TWO DIMENSIONAL SKETCHING:- learn how to create and edit sketches in NX 10.create a sketch on a <i>Plane</i> in <i>Modeling</i> application	8Hours
4	THREE DIMENSIONAL MODELING: - basics of three dimensional modeling in NX 10.feature, different types of features, primitives and how to model features in NX 10 using primitives. Start to the modeling portion of NX 10 and develop an understanding of the use of <i>Form Features</i> for modeling. These include taper, edge blend, face blend, chamfer, trim, etc. After explaining the feature operations, the chapter will walk through some examples.	10 Hours
5	ASSEMBLY MODELING:- Create assembly of different component	10 Hours
6	DRAFTING: - Create drawings, views, geometry, dimensions, and drafting annotations necessary for the completion as well as understanding of an industrial drawing.	7 Hours


Head
ITE-SIEMENS COE

	<ol style="list-style-type: none"> 1) Cam10026 New activity from Transition course to show optimized drilling patterns with minimized tool travel. 2) Cam10026 New activity from Transition course to show optimized drilling patterns with a non-aligned set of holes. 3) Cam10026 New activity from Transition course to show optimized drilling patterns by combining tool paths across multiple features and workpieces 	
12)	Fixed axis contouring <ol style="list-style-type: none"> 1) Cam90101 New activity from Transition course to show how to control contour area milling operations by projecting above or onto a boundary. 2) Cam10044 New activity from Transition to show how to divide an Area Milling cut region by a line through two points. 3) Added activity from FMM ILT course to demonstrate the Streamline operation type. Instructor request. 	3 Hours
13)	Engraving text Moved the engraving section and activities to the Appendix. Instructor request.	3 Hours
14)	NC Program output and documentation	2 Hours



Head
MITE-SIEMENS COE

Mangalore Institute of Technology and Engineering
(ISO 9001:2008 Certified Institution)
In Association with
**SEIMENS Center of Excellence for digital design and
manufacturing and Validation**

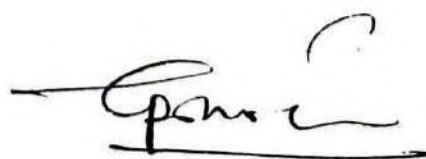
Programme Name:

Course Name: ROB CAD

Course Code:

Total Number of Hours: 40 Hours

Chapter	Topics/Contents	Number of Hours
1	Introduction to Rob cad, Basic Robcad operation, View Control In Robcad, Customizing Robcad configuration	3 Hours
2	Work cell Layout, Introduction, Placement Command, Assembly Tree, Mount and attach	3 Hours
3	Modeling and Kinematics, Modeling Basic, Fundamental Kinematics	10Hours
4	Processing Inverse Kinematics, working with Path, Collision Detection,	10 Hours
5	Basic Simulation Technique. Introduction Sequence of operation, Creating sequence ,Bring Part in and Out, Event and setting SOP collision and simulation analysis, storing output	14 Hours



Head
MITE-SIEMENS COE



Mangalore Institute of Technology and Engineering

(ISO 9001:2008 Certified Institution)

In Association with

SEIMENS Center of Excellence for digital Design, Manufacturing and Validation

Course Name: NX-CAM (NX Manufacturing Fundamentals (NMF))

Course Code: SM04

Chapter	Topics/Contents	Number of Hours
1)	Basic Manufacturing Concepts	2 Hours
2)	Analyzing a manufacturing part	2 Hours
3)	Machine cutting tools	2 Hours
4)	Operation Navigator Cam11003 Notes, descriptions and a new activity from Transition course have been added to show the UI changes for Display Tool Path.	3 Hours
5)	Parent groups	3 Hours
6)	Cavity milling Cam10001 New activity from Transition course for Automatic Pattern Direction has been added to this chapter.	4 Hours
7)	T-cutter (new lesson)	3 Hours
8)	Coordinate systems	2 Hours
9)	Visualization (ISV)	2 Hours
10)	Planar milling 1) Cam10007 New activity from Transition course to show selection of cylindrical holes to mill chamfers. 2) Cam10008 New activity from Transition course to show definition and use of tracking points to mill chamfers. 3) Cam10020 New activity from Transition course to show a method of machining a sequence of radial grooves with a T-cutter.	3 Hours
11)	Manual drilling	2 Hours

Siemens PLM Software



MITE-SIEMENS

Centre of Excellence, Moodabidri

hereby awards *"Certificate of Merit"* to

VISHWAS VASHISTH

bearing USN: 4MT18MT042

on successful completion of training program on
Essential for NX Designers NX 10



MANGALORE INSTITUTE OF TECHNOLOGY AND ENGINEERING, MOODABIDRI

Training Period: 01-Aug-19 to 20-Nov-19

Dr. G Purushotham
Head, MITE-SIEMENS CoE

Principal
MITE Moodabidri

Siemens PLM Software



MITE-SIEMENS

Centre of Excellence, Moodabidri

hereby awards *"Certificate of Merit"* to

SUSHMITHA

bearing USN: **4MT17AE052**

on successful completion of training program on

ROBCAD



MANGALORE INSTITUTE OF TECHNOLOGY AND ENGINEERING, MOODABIDRI

Training Period: **01-Aug-19 to 20-Nov-19**

A handwritten signature in black ink, likely belonging to Dr. G Purushotham.

Dr. G Purushotham
Head, MITE-SIEMENS CoE

A handwritten signature in blue ink, likely belonging to the Principal of MITE Moodabidri.

Principal
MITE Moodabidri

Siemens PLM Software

SIEMENS
Ingenuity for life

Siemens Industry Software India Pvt Ltd.

hereby awards "*Certificate of Merit*" to

ABDUL RAHIMAN

bearing number : SPLM / NX /17258

on successful completion of training program on

NX-Essentials for NX Designers

conducted through our authorized training partner

MANGALORE INSTITUTE OF TECHNOLOGY AND ENGINEERING, MOODABIDRI

Training Period: 1/Aug/18 to 20/Nov/18



Suprakash Chaudhuri
Managing Director - India

Manoj Banthia
Services - Director

Siemens PLM Software



MITE-SIEMENS

Centre of Excellence, Moodabidri

hereby awards "*Certificate of Merit*" to

Rakshith

bearing USN: 4MT16MT033

on successful completion of training program on

Robcad Basics

conducted at
MANGALORE INSTITUTE OF TECHNOLOGY AND ENGINEERING, MOODABIDRI

Training Period: 10-Feb-19 to 20-May-19

A handwritten signature in black ink, likely belonging to Dr. G Purushotham.

Dr. G Purushotham
Head, MITE-SIEMENS CoE

A handwritten signature in black ink, likely belonging to the Principal of MITE Moodabidri.

Principal
MITE Moodabidri

Siemens PLM Software

SIEMENS
Ingenuity for life

Siemens Industry Software India Pvt Ltd.

hereby awards *"Certificate of Merit"* to

AKARSH MANOJ

bearing number : **SPLM / NX /14972**

on successful completion of training program on

NX-ESSENTIALS FOR Nx Designers

conducted through our authorized training partner

MANGALORE INSTITUTE OF TECHNOLOGY AND ENGINEERING, MOODABIDRI

Training Period: 01-Aug-17 to 20-Nov-17



Suprakash Chaudhuri

Suprakash Chaudhuri
Managing Director - India

Kannaiah Mudaliyar

Kannaiah Mudaliyar
Training Business Manager

Siemens Industry Software India Pvt Ltd.

hereby awards *"Certificate of Merit"* to

Abdul Hameed Khan


bearing number : **SPLM /DM/108**

on successful completion of training program on
Robcad Basics

conducted through our authorized training partner

MANGALORE INSTITUTE OF TECHNOLOGY AND ENGINEERING, MOODABIDRI

Training Period: 01-Aug-17 to 20-Nov-17



Suprakash Chaudhuri

Suprakash Chaudhuri
Managing Director - India

Kannaiah Mudaliyar

Kannaiah Mudaliyar
Training Business Manager

Siemens Industry Software India Pvt Ltd.

hereby awards *"Certificate of Merit"* to

AMEEN ABDUL KAREEM

bearing number : **SPLM / NX /13555**

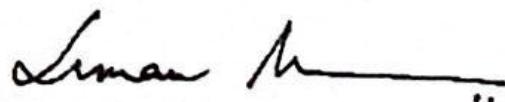
on successful completion of training program on

NX - Essentials for NX Designers

conducted through our authorized training partner

MANGALORE INSTITUTE OF TECHNOLOGY AND ENGINEERING, MOODABIDRI

Training Period: 13-Feb-17 to 13-May-17



Suman Bose
Managing Director - India



G.V.S Bhaskar
Education Services - Director

Siemens Industry Software India Pvt Ltd.

hereby awards *"Certificate of Merit"* to

ABHINANDAN SREEKUMAR

bearing number : **SPLM /DM/068**

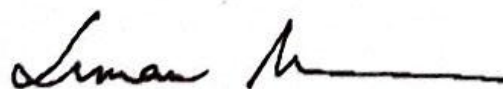
on successful completion of training program on

Robcad Basics

conducted through our authorized training partner

MANGALORE INSTITUTE OF TECHNOLOGY AND ENGINEERING, MOODABIDRI

Training Period: 13-Feb-17 to 13-May-17



Suman Bose
Managing Director - India



G.V.S Bhaskar
Education Services - Director

For Part-2 Documents

[Click here](#)