



[Activity Report 2016-17]

[In the Process of enhancing Students Employability Skills, keeping them abreast with the industry practices & latest advancements in Technologies, MITE Career Guidance Cell provided Certification Courses through SIEMENS, Bosch Rexroth. In addition Training on technologies, Talks from Industry Stalwarts were organized towards enhancing their skills. Also, students were provided with orientation for Higher Education.]

[@CGC-MITE]
[MITE Moodabidri]



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Members of the Career Guidance Cell for the academic year 2016-17

No	Name of the member	Designation	Role
1	Dr G L Easwara Prasad	Principal	Chairperson
2	Mr. Narendra U P	Dean (Training & Placement)	Convener
3	Mr. Jinaprasad	Senior Associate, T&P	Member
4	Mr. Ashwin Kumar	Sr. Asst. Prof, Department of Computer Sc & Engg	Member
5	Mr. Ramalingam	Sr. Asst. Prof, Department of Electronics & Commn Engg	Member
6	Mr Sathyanarayan	Sr. Asst Prof, Dept of Mechanical Engg	Member



ACTIVITIES CONDUCTED IN 2016-17

CERTIFICATION PROGRAMS

Date	Program	Certifying Organization
Aug 2016 - Apr 2017	Bosch Certification Course on PLC	<i>Bosch Rexroth Centre of Competence</i>
Aug 2016 - Apr 2017	Bosch Certification Course on Hydraulics & Pneumatics	<i>Bosch Rexroth Centre of Competence</i>
Aug 2016 - Apr 2017	SIEMENS Certification Course on NXCAD	<i>SIEMENS Centre of Excellence</i>
Aug 2016 - Apr 2017	SIEMENS Certification Course on ROBCAD	<i>SIEMENS Centre of Excellence</i>
Sep 2016	Lean Six Sigma Yellow Belt Certification	<i>Binghamton University, USA</i>
April 10 th – 12 th 2017	‘Introduction to Data Analytics’ Certification Program	<i>Binghamton University, USA</i>

HIGHER EDUCATION ORIENTATION PROGRAMS

Date	Program	Organization
Sep 21 st 2016	Talk on ‘Higher Education in US’	Dr. Mohammad T Khasawneh, Professor & Associate Director, WISE, Binghamton University, SUNY, USA



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ASSESMENT & TRAINING PROGRAMS

Date	Test/ Training	Organization
Aug 30 th 2016	AMCAT Test-1 for VII Sem Students	Aspiring Minds
Sep 29 th 2016	AMCAT Test-1 for VII Sem Students – Batch 2	Aspiring Minds
Feb 7 th 2017	AMCAT Test-2 for VII Sem Students	Aspiring Minds
Sep 24-25, 2016	AMCAT Aptitude Training for B.E Students	Genesis Career Analytics
Oct 2-3, 2016	Aptitude Training – Infosys specific	Genesis Career Analytics
Oct 4 th , 2016	Aptitude Training – Humming Wave specific	Genesis Career Analytics
Oct 13-14, 2016	Aptitude Training – TechMahindra specific	Genesis Career Analytics
Oct 25-26, 2016	Aptitude Training – ITC Infotech specific	Genesis Career Analytics
Oct 2016	Aptitude Training for MBA Students	First Math Academy
Nov 2-3, 2016	C Programming Training	Rushil Technologies
Jan - Apr 2017	Aptitude Training for VI Sem Students	Genesis Career Analytics

TALKS & ACTIVITIES

Date	Topic	Resource Person
Feb 2 nd 2017	Workshop on 'Unity'	Mr. Mohammad Azzan, Director, Pace Wisdom Solutions, Bangalore
Apr 10 th 2017	Talk on 'Dynamic Careers for Engineers in IAF'	Air Cmde R N Gaekwad, Indian Air Force
Apr 11 th 2017	Talk on 'Preparing for Competitive Exams'	Mr. Arun Sharma, CAT Guru and Author of CAT Books
April 15 th 2017	Talk on 'Entrepreneurship'	Mr. Mohammad Azzan, Director, Pace Wisdom Solutions, Bangalore



CERTIFICATION PROGRAMS

BOSCH REXROTH CENTRE OF COMPETENCE IN AUTOMATION TECHNOLOGY

As part of the Best Practice employed at MITE, *Employability Skills Development Program*, Students are offered certification Courses from Bosch Rexroth & SIEMENS during their II & III Year.

Certification Programs offered during 2016-17

#	Program	No of Students Certified
1	Certification Course on PLC Offered to II Year Students of Computer Science & Engg, Electronics & Commn Engg, Information Sc & Engg	248
2	Certification Course on Hydraulics & Pneumatics Offered to II Year Students of Mechanical, Aeronautical, Civil & Mechatronics	318

SIEMENS CENTRE OF EXCELLENCE IN DIGITAL DESIGN, VALIDATION & DIGITAL MANUFACTURING

Certification Programs offered during 2016-17

#	Program	No of Students Certified
1	Certification Course on NXCAD Offered to II Year Students of Mechanical Engg, Mechatronics Engg & Aeronautical Engg	216
2	Certification Course on NX CAM Offered to III Year Students of Mechanical, Mechatronics & Aeronautical	118



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CAREER GUIDANCE CELL

**Lean Six Sigma Yellow Belt certification Program by US University at MITE
September 20 – 21 2016**



Dr. Mohammad Khasawneh, Binghamton University delivering session as part of Lean Six Sigma Certification

Binghamton University, State University of New York conducted a Two Day 'Six Sigma Yellow Belt Certification' Program for Students of Mangalore Institute of Technology and Engineering at MITE Campus Moodabidri on 20th – 21st September 2016. This Certification Program was conducted as part of its Memorandum of Agreement signed by MITE and Binghamton University for bilateral ties during May 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 visited MITE for Two days and conducted the Certification Program. The Program was offered for the students of Mechanical Engineering and Aeronautical Engineering of MITE.



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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



Dr. Sang Woon Yoon, Binghamton University along with Dr. G L Easwara Prasad, Principal, MITE during the inauguration of the Three Day workshop on Data Mining and Data Analytics

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.



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CAREER GUIDANCE CELL

Talk on 'Higher Education in US'
by **Dr. Mohammad T Khasawneh, Binghamton University**
21st September 2016



Dr. Mohammad Khasawneh, Binghamton University presenting Talk on Higher Education at USA

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.



ASSESSMENT & TRAINING PROGRAMS

ASSESSMENT TESTS CONDUCTED DURING 2016-17

AMCAT TEST

AMCAT (Aspiring Minds Computer Adaptive Test) is an AI-based computer adaptive test which evaluates job applicants on critical areas like communication skills, logical reasoning, quantitative skills, and job-specific domain skills thus helping recruiters identify the suitability of a candidate for different job roles. While most aptitude tests only measure a test taker's verbal comprehension and reasoning abilities, the AMCAT additionally evaluates personality traits and domain skills, thus becoming an ideal test to match jobs to candidates.

Two Test was conducted for the Final Year Students during the month of August & September 2017

Total No of B.E Students assessed : 309

TRAINING PROGRAMS CONDUCTED DURING 2016-17

Career Guidance Cell, as part of the *Employability Skills Development Program*, conducts continuous learning programs on Problem Solving Techniques & Communication Skills. The Training is aimed towards preparing the Students for the Placement Preparations. Weekly Sessions on Aptitude and Communications skills are conducted and a continuous learning progress is achieved.

Interview Refresher Training

AMCAT Training for B.E Students - Quantitative Ability, Analytical Reasoning, Verbal Ability

Infosys - Quantitative Ability, Analytical Reasoning, Verbal Ability Training

Hummingwave - Quantitative Ability, Analytical Reasoning, Verbal Ability Training

Tech Mahindra - Quantitative Ability, Analytical Reasoning, Verbal Ability Training

ITC Infotech - Quantitative Ability, Analytical Reasoning, Verbal Ability Training

Aptitude Training for MBA Students – Vedic Mathematics

Aptitude Training for III Year B.E

Training Company : Genesis Training Bangalore

Topics Covered : Quantitative ability, Analytical Reasoning, Non Verbal Reasoning

Technical Training

C Programming Training for Interview Preparation



TALKS & ACTIVITIES

WORKSHOP ON 'UNITY'

**By Mr. Mohammad Azzan, Director, Pace Wisdom Solutions, Bangalore
Feb 2nd 2017**

A Workshop on 'UNITY' was conducted by Mr. Mohammad Azzan, Founder and Director, Pace Wisdom Solutions Bangalore. The workshop focused on developing apps in quick time.

Excerpts of the Workshop included the following :

Navigate in Unity	Unity Interface	Manipulate GameObjects
Materials	The UI System	Basic Player Input
Time.deltatime	The Physics System	Colliders And Triggers
Creating A Simple Game	Create basic GameObjects and position them in the scene	
Create and attach scripts to gameobjects	Manipulate and move gameobjects via scripts	



Mr. Mohammad Azzan Director PWS briefing the participants during the workshop on UNITY

About the Speaker :

Mr. Mohammad Azzan is the Co-founder and Director at Pace Wisdom Solutions Pvt. Ltd. He is also the CTO and Co-Founder at Nammakaravali.in - Karavali Media Pvt. Ltd. Mr. Azzan has been responsible in bringing new Technology and talent to the company, conducting Technology presentations, Annual Technology Events and Hackathons, Building pre-sales team capabilities and collateral.



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CAREER GUIDANCE CELL

Talk on Dynamic Careers in IAF at MITE by Air Cmde. R N Gaekwad

10th April 2017



Air Cmde R N Gaekwad delivering talk on Careers in IAF; Dr. Purushotham, HoD Aeronautical, Dr. G L Easwara Prasad, Principal & Prof. Malini Suvama, Professor, ECE on stage

A technical talk on Dynamic Careers for Engineers in IAF was conducted on April 10th 2017. The talk focused on providing experts on career prospects of engineering graduates in the coveted Indian Airforce. Air Cmde. R N Gaekwad was the chief guest for the occasion. In his address, Air Cmde. R N Gaekwad spoke about the need for people to shed their designation, work and promote equality. In his address later, Air Cmde. R N Gaekwad who is also conferred with the prestigious Athi Vishista Seva Medal spoke about the honour, challenge and adventure of being in the Indian Air Force. He also stressed on the need for one to follow their dreams. Pointing at the need of bridging gap between academia and market requirements which leads to innovation, the career prospects of engineers in the Indian Air force was discussed. Students from various engineering branches from MITE were benefitted from this program.



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TALK ON CAREER POSSIBILITIES & FACING COMPETITIVE EXAMS' By Mr. Arun Sharma, CAT Guru & India's No 1 Author for Competitive Exams April 11th 2017



Mr. Arun Sharma, CAT Guru delivering Talk; Felicitation to Mr. Arun Sharma by Dr. C R Rajshekar, Vice Principal

A Talk on 'Career Possibilities & Facing Competitive Exams' was conducted on April 11th 2017. The Talk focused on 'How to face CAT Exams and also on clearing the myths surrounding competitive exams'. CAT Guru Mr. Arun Sharma was the Chief Guest and the Speaker for the Program. Mr. Arun Sharma, A Serial entrepreneur and Co-Founder of MindWorkzz has a unique record of cracking the CAT an incredible 17 out of 17 times with the highest of 99.99 and lowest of 99.87 percentile. Mr. Arun Sharma is also an Author of India's highest selling books for CAT, which has been sold over 2.5 million copies.

In his talk to the students, Mr. Arun Sharma said that 'Each individual has a great potential; but since all work with a mental blockade of limitations on our mind based on past experiences, we tend not to reach excellence'. Continuing his talk, he asked the students to change the beliefs and work outside the circle of 'self defined limits' and excel beyond limitations. He also urged the students to break the barriers and pick up challenges in life. Concluding his talk, Mr. Arun Sharma demonstrated few tricks of solving competitive questions and informed it can be mastered only by practice.



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TALK ON 'ENTREPRENEURSHIP'

By Mr. Mohammad Azzan, Director, Pace Wisdom Solutions

April 15th 2017

A Talk on 'Entrepreneurship' was conducted by Mr. Mohammad Azzan, Director, Pace wisdom Solutions, Bangalore. Mr. Azzan is the co-founder of Pace Wisdom Solutions, Bengaluru and also an Alumni of MITE of 2011 Batch. Mr. Azzan said that campuses are where the best dreams and the finest startups take wing. He explained about major Stages of Entrepreneurship viz; Converging on the idea, Business plan, Business Formation and Growth in detail. He clarified various myths regarding Start-ups. His talk covered the following areas:

- Moon Shot Thinking.
- Entrepreneurship – Creating Value.
- Start-Ups.
- Venture Capitalists.
- Emerged Business.
- Niche Business Ideas.
- Napkin Plan.
- Generating Ideas.



Mr. Mohammad Azzan, Director PWS interacting with the Participants during the talk