[Activity Report 2018-19]

[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, & Spaneous Software Solutions. 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]

Members of the Career Guidance Cell for the academic year 2018-19

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 Aveen K P	Asst Prof, Dept of Mechanical Engg	Member
7	Mr. Glenson Toney	Asst Prof, Dept of Mechatronics Engg	Member
8	Mr. Ajith Kumar P N	General Manager, Digital Technologies, ITC Infotech	Member
9	Mr. Azzan Patni	Director, Pace Wisdom Solutions	Member
10	Mr. Ashwin	Manager, HR, Autoliv	Member

ACTIVITIES CONDUCTED IN 2018-19

CERTIFICATION PROGRAMS		
Date	**Program**	**Certifying Organization**
Aug 2018 - Apr 2019	Bosch Certification Course on PLC	*Bosch Rexroth Centre of Competence*
Aug 2018 - Apr 2019	Bosch Certification Course on Hydraulics & Pneumatics	*Bosch Rexroth Centre of Competence*
Aug 2018 - Apr 2019	SIEMENS Certification Course on NXCAD	*SIEMENS Centre of Excellence*
Aug 2018 - Apr 2019	SIEMENS Certification Course on ROBCAD	*SIEMENS Centre of Excellence*
Jul 9- Aug 4 2018	Training on 'UI Technologies'	*Spaneous Software Solutions*
Oct 4-6 2018	Workshop on 'Introduction to Data Mining & Data Analytics'	Dr. Sang Won Yoon, Professor, SS&IE, **Binghamton University, SUNY, USA**
Jan-Apr 2019	Business Analytics + Softskills	Mindmap, NASSCOM Foundation

HIGHER EDUCATION ORIENTATION PROGRAMS		
Date	**Program**	**Organization**
Aug 18 2018	Seminar on 'Study Abroad'	Dr. Anand Kannan, MD, **GREedge**
Oct 6 2018	Talk on 'Higher Education opportunities at Binghamton University, USA'	Dr. Sang Won Yoon, Professor, SS&IE, **Binghamton University, SUNY, USA**
Nov 19 2018	"Orientation on Aptitude & Career opportunities available after engineering -(CAT,GRE)"	Mr. Ganesh Hebbar, TIMES Mangalore
April 4 2019	"Orientation on Aptitude & Career opportunities available after engineering -(CAT,GRE)"	Mr. Ganesh Hebbar, TIMES Mangalore
May 3 2019	Individual Counseling for Students registered for CAT/GRE Training	TIMES Mangalore

ASSESMENT & TRAINING PROGRAMS

Date	Test/ Training	Organization
Aug 25th 2018	First Naukri Aptitude Test 2019 - 1	First Naukri
Sep 12 2018	AMCAT Test-1 for VII Sem Students	Aspiring Minds
Nov 14 2018	AMCAT Test-2 for VII Sem Students	Aspiring Minds
Feb 7-8 2019	First Naukri Aptitude Test 2019 - 2	First Naukri
Aug 27-29, 2018	TCS & AMCAT Aptitude Training	Bizotic Talent Solutions Private Ltd, Bangalore
Sep 21 2018	Aptitude Training for Mech/ MTR VII Sem	Bizotic Talent Solutions Private Ltd, Bangalore
Oct 6, 2018	Aptitude Training for CSE/ISE VII Sem	Bizotic Talent Solutions Private Ltd, Bangalore
Oct 27th 2018	AMCAT Aptitude Training	Bizotic Talent Solutions Private Ltd, Bangalore
Nov 7-13 2018	Wipro Company Specific Training	FACE
Feb - May 2019	Weekly Aptitude Training for VI Sem Students	Millenials Training
Mar - Apr 2019	Training on Data Strucutres	ABC for Technology Training

TALKS

Date	Topic	Resource Person
Sep 29th 2018	Talk on 'Bridging Gap between Academia & Industry'	Mr. Joshua David, M D, Manager, APAC Recruitment, **Hexaware Technologies**
Oct 13 2018	Talk on 'Latest Technological Trends'	Mr. Ajith Kumar, GM, **ITC Infotech**
Oct 25 2018	Talk on 'Insights into Latest Trends in Construction Industry'	Mr. Sandeep Pingale, MD **Econstruct Design & Build Pvt Ltd**
Jan 21 2019	Talk on 'Technological Paradigms'	Arun Purohit, Director, **DLithe Consultancy Pvt Ltd**
May 3 2019	Talk on RPA	Mr. Basavadarshan, **UiPath**
May 8 2019	Talk on 'Preparing for Careers'	Mr. Pradeep Kote, Head, Campus Recruitment - **TCS**

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 2018-19

#	Program	No of Students Certified
1	Certification Course on PLC Offered to II Year Students of Computer Science & Engg, Electronics & Commn Engg	251
2	Certification Course on Hydraulics & Pneumatics Offered to II Year Students of Mechanical, Aeronautical, Civil & Mechatronics	298

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

Certification Programs offered during 2018-19

#	Program	No of Students Certified
1	Certification Course on NXCAD Offered to II Year Students of Mechanical Engg, Mechatronics Engg & Aeronautical Engg	282
2	Certification Course on ROBCAD Offered to III Year Students of Mechanical, Mechatronics & Aeronautical	275

One month Training Program on 'UI Technologies'
by Spaneous Software Solutions Pvt Ltd.
July 9th – August 4th 2018

Students participating in the UI Technologies Workshop

A Four Week Training Program on UI Technologies was conducted for the Students. The main objective of the workshop was to – 'Learn creating Interactive & responsive web pages'. The Technologies that were covered during the training was HTML5, CSS3, Javascript, AJAX, JQuery. A total of 37 students attended the workshop. The course content that was covered during the training are:

- Building & beautifying web pages
- Introduction to UI (HTML5, CSS3
- and BootStrap)
- Introduction to JavaScript
- Introduction to jQuery
- XML, AJAX
- jQuery with AJAX

Mr. Laxman A is Consultant – Talent Transformation at Spaneous Software solutions Pvt. Ltd.

'Intro to Data Mining and Analytics certification Program by US University at MITE
4th - 6th October 2018

Inauguration of Workshop: Dr. Sang Won, Dr. G L Easwara Prasad, Principal, MITE & Mr. Narendra U P, Dean (T&P)

Binghamton University, State University of New York conducted a **Three Day certification Program on 'Intro to Data Mining and Analytics'** for Students of Mangalore Institute of Technology and Engineering at MITE Campus Moodabidri on Oct 4th – 6th 2018. 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.

Dr. Sang Won Yoon, Professor of Systems Science and Industrial Engineering Dept, of Thomas J Watson School of Engineering and Applied Science from Binghamton University visited MITE for Three days and conducted the Certification Program. The Program was offered for the students of Computer Science and Information Science & Engineering of MITE. 105 students attended the certification Program.

HIGHER EDUCATION ORIENTATION PROGRAM

Talk on 'Study Abroad ' by
Mr. Anand Kannan
Co-Founder & Managing Director, GREdge
18th Aug 2018

Participants of the Talk on orientation towards Study Abroad

Mr. Anand Kannan, Co-Founder & Managing Director of GREdge gave a presentation on 'Study Aborad'. Mr. Anand spoke to the students about their choice of Universities abroad and how to choose a college for Higher Studies, various scholarships available for Indian Students. Later, he also explained in detail how to prepare for GRE, success tips and methods. The sessions was followed by Q&A on GRE Preparation, Test and Interview.

Dr. Anand Kannan is the Co-Founder & Managing Director of GREedge . Anand holds a PhD from Purdue university & a B.Tech from IIT –Madras.

GREedge is an online academy which provides personalized training to help students get high GRE scores and best admits for their profile. (www.GREedge.com). Through advanced technology in teaching, GREedge is primarily known for its persistent focus on one single goal - success to each & every student. Over the last decade, GREedge has helped more than 36,000 students achieve high score is GRE, TOEFL & IELTS, emerging as the most trusted online education brand through consistent high - quality service.

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

Dr. Sang Won Yoon, Professor, Binghamton University presenting Talk on Higher Education

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 brefed about the University Courses, eligibility exams, opportunities of Research and Projects and Job opportunites 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.

Orientation on Aptitude and Career Opportunities available after Engineering -CAT, GRE
by Mr. Ganesh Hebbar V,
Director – Mangalore & Udupi Centre, T.I.M.E (P) Ltd
19th Nov 2018

Mr. Ganesh Hebbar, Director, TIME Mlore& Udupi presenting Talk on CAT GRE

An Orientation on – 'Aptitude Exams and Career Opportunities available after Engineering' was conducted on 19th Nov 2018 for the Pre Final Year Enginering Students. The Session was conducted by Mr. Ganesh Hebbar, Director of Mangalore & Udupi Center – T.I.M.E

The Talk focused on various Competitive exams, Exam formats, and tips on how to crack these exams. Mr. Ganesh briefed the students bout the advantages of pursuing Higher Studies after Graduation, ad the competitive edge over graduation degree. He briefed the students about the examinations to be attempted for pursuing various Post Graduation Courses, format of the exams, and the strategies to adopt to crack the exams. TIME will also be conducting training for interested students..

TALK ON 'CAT & GRE PREPARATION'
By TIMES MANGALORE
4th April 2019

An Orientation on – 'Aptitude Exams and Career Opportunities available after Engineering' was conducted on 4th April 2019 for the Pre Final Year Engineering Students. The Session was conducted by Mr. Ganesh Hebbar, Director of Mangalore & Udupi Center – T.I.M.E

The Talk focused on various Competitive exams, Exam formats, and tips on how to crack these exams. TIME will also be conducting training for interested students..

Excerpts of the Talk :
- Career opportunity after Engineering (MBA/MS)
- Top B Schools in India
- Selection Process
- Different Entrance Exams - CAT, SNAP, XAT, NMAT, GRE
- Content of Examination
- Prepration Mode
- Courses available at TIME Mangalore

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Mr. Ganesh Hebbar, Director, TIME Mlore& Udupi presenting Talk on CAT GRE

MANGALORE INSTITUTE OF TECHNOLOGY AND ENGINEERING
(An ISO 9001:2015 certified Institution)
(A unit of Rajalaxmi Education Trust, Mangalore)
Badagamijar, Moodabidri

MITE
career
Guidance Cell

ASSESSMENT & TRAINING PROGRAMS

ASSESSMENT TESTS CONDUCTED DURING 2018-19

FNAT 2019 :: FirstNaukri Aptitude Test

FNAT Test was conducted for the Pre-Final Year Engineering Students, to assess and provide competence Report to the Students. The Test covers Verbal Ability, Logical Reasoning & Quantitative Aptitude. Two seperate tests were conducted duringthe Academic Year 2018-19
Total No of Students assessed during August 25th 2018: 674
Total No of Students assessed during February 7-8 2019: 393

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 September & November 2018
Total No of Students assessed during September 12th 2018: 280

Weekly online Aptitude TEST

The Career Guidance Cell conducts Aptitude Test every week using online Moodle Platform. Every week one test is published on a specific Topic, that is been covered during the Aptitude Training, and the learning effectiveness is tracked. The Test is published to all the III Year Students of Engineering and I Year MBA Students.

TRAINING PROGRAMS CONDUCTED DURING 2018-19

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.

Weekly Aptitude Training for III Year B.E
Training Company : Millenials Training, Bengaluru
Topics Covered : Quantitative ability, Analytical Reasoning, Non Verbal Reasoning

Weekly Interview Preparation Sessions for III Year B.E
Topics Covered : Communication enhancement, Group Discussion, Interview Facing, Resume Writing, Intra-personal Skills, Presentation Skills, Writting Skills, e-mail ettiquettes

Weekly Interview Preparation Sessions for I Year MBA
Topics Covered : Communication enhancement, Group Discussion, Interview Facing, Resume Writing, Intra-personal Skills, Presentation Skills, Writting Skills, e-mail ettiquettes

Technical Training
Data Structures Training for III Year B.E - CSE, ISE, ECE
Training Company : ABC for Technology Training, Bengaluru
Topics Covered : Programming Refresher, Pointers, Arrays, Stacks, Queues, Expressions, Strings, Searching, Sorting, Linked List, Trees,

Interview Refresher Training
TCS- Quantitative Ability, Analytical Reasoning, Verbal Ability, Python Training
Wipro - Quantitative Ability, Analytical Reasoning, Verbal Ability
AMCAT - Quantitative Ability, Analytical Reasoning, Verbal Ability

TALKS

Talk on 'Bridging gap between Academia and Industry'
By Mr. Joshua David M D, Manager,
APAC Recruitment, Hexaware Technologies,
29th Sep 2018

CAREER GUIDANCE CELL
Presents an Interaction with

Mr. Joshua David M D
Manager APAC Recruitment,
Hexaware Technologies

HEXAWARE

Topic : Bridging the Gap Between Academia & Industry
Date : Sep 29th 2018

A talk on 'Bridging the gap between Academia and Industry' was conducted on Sep 29th 2018 for all the V Sem Students. The Talk was presented by Mr. Joshua David, Manager, APAC Recruitment, Hexaware Technologies. The Interactive program focused on giving a brief on the current requirements and the expectations by the Industry, the current ongoing technology transformation and its impact on the Jobs. Mr. Joshua highlighted majorly on the following aspects:

- What a Company expects from a Candidate
- Requirement of knowledge of basic foundation of respective disciplines
- Have a good attitude, Be open to learning

Mr. Joshua David is HR Professional with experience of working at different companies like Kingfisher Arlines, Wipro Technologies, TechMahindra, Cognizant; and is presently Manager of APAC Recruitment at Hexaware Technologies.

Mr. Joshua David, Hexaware interacting with Students

Talk on 'Latest Technological Trends'
by Mr. Ajith Kumar P N,
General Manager, Digital Technologies, ITC Infotech
13th Oct 2018

Mr. Ajith Kumar, ITC Infotech interacting with Students

A talk on '**Latest Digital & Technological Trends**' was conducted on October 13th 2018 by Mr. Ajith, General Manager, Digital Technologies, ITC Infotech Pvt Ltd. The Talk focused on latest technologies like Artificial Intelligence, Chatbots, IoT, Blockchain. Mr. Ajith presened real time examples to explain the implementation of the technologies. He also mentioned on how students with awareness on these latest trends can grab better employment opportunity. Mr. Ajith also explained various project ideas using these latest Technologies.

Mr. Ajith has 20+ years of experience in IT industry. Leader in Digital, AI, ML, AR, VR, IoT & IIoT, Data & Analytics and Enterprise Mobility. Leading innovation, R&D, patenting and IPR initiatives. He is currently heading Digital Delivery of Global ITC Infotech. He was successful in setting up an intellectual property management system in Logica to file 59 patents in 5.5 years. Inventor of 6 patents and 20 patent pending inventions. PMI certified PMP. Member of PMI's OPM3 2008 standard development and PMO SIG Accord projects. Speaker and technical paper reviewer for a number of Project Management events and conferences. Member of PMI India Project Management Conference Technical paper review committee.

Talk on 'Insights into Latest Trends in Construction Industry'
by Mr. Sandeep Pingale,
MD, Econstruct Design & Build Pvt Ltd
25th Oct 2018

Mr. Sandeep, MD Econstruct delivering Talk on Construction Industry

A Interactive talk on 'Insights into latest trends in construction industry ' was conducted by Mr sandeep Pingale, Founder & Managing Director, Econstruct design & build pvt. Ltd. The objective of the discussion was to Create awareness among the civil engineering students soon-to be graduates with the aim of providing a career counselling for them to choose the best & To point-in the right direction for a college graduate to transform into a corporate engineer.

A total of 172 students from civil Engineering Stream attended this presentation

TALK ON 'TECHNOLOGICAL PARADIGMS'
By Mr. Arun Purohit, Founder DLithe
21st January 2019

Mr. Arun Purohit, Founder, DLithe Consulting Pvt Ltd delivered a Talk on 'Technological Paradigms' to the Students of Computer Science & Information Science Engineering.

The talk focused on the following aspects:
- Latest Technological innovations and its pervasive effects on various Industrial sectors.
- How Industry is evolving with the Industry 4.0 Standards.
- Latest evolving domains viz., Artificial Intelligence, Machine Learning, IoT, Data Analytics.
- Bots and its impact on work force
- Importance of Agile Methodology
-Mr.Arun stressed the students to work on projects related to these domains.

About the Speaker : Mr. Arun Purohit is the Co-Founder of DLithe Consulting Pvt Ltd. He has an Industrial experience of about two decades. He was previously the Delivery Manager at Evry India, Bangalore. He has also worked at Wipro Technologies.

Mr. Arun R, DLithe interacting with Students during the Talk on 'Technological Paradigms'

TALK ON 'Robotic Process Automation'
By Mr. Basavadarshan G N
Program Manager, UiPathAcademic Alliance
3rd May 2019

Mr. Basavadarshan G N, Program Manager, UiPath Academic Alliance delivered a Talk on 'Robotic Process Automation' (RPA) on 3rd May 2019. **MITE is an Academic Alliance partner Institute of UiPath**. As part of the alliance UiPath will be offering free RPA Certification courses to all the students.
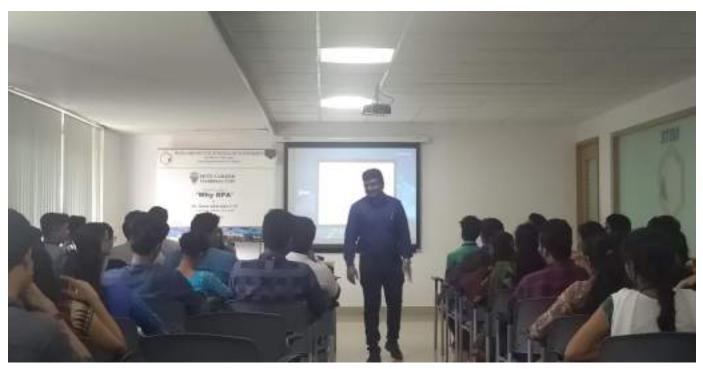
 The Objective of the talk was to provide an exposure to RPA Platform and the Certification courses
The talk focused on the following aspects:
- Background of UiPath - UiPath is a global software company that develops a platform for robotic process automation. Per Gartner, the combination of RPA with process mining, AI, machine learning and analytics is best described as hyperautomation.
What is Robotic Process Automation?
Robotic Process Automation is the technology that allows anyone today to configure computer software, or a "robot" to emulate and integrate the actions of a human interacting within digital systems to execute a business process. RPA robots utilize the user interface to capture data and manipulate applications just like humans do. They interpret, trigger responses and communicate with other systems in order to perform on a vast variety of repetitive tasks.

About the Speaker : Mr. Basavadarshan is the Program Manager - UiPath Academic Allianace(India & SAARC) Previously he has also worked at ICT Academy as a Relationship Manager.

Mr. Basavadarshan, UiPath presenting talk on RPA

TALK ON 'Preparing for Careers'
By Mr. Pradeep Kote
Head - Recruitment, Karnataka - Tata Consultancy Services
8th May 2019

An Interactive session on 'Preparing for Careers & Career opportunities at TCS' was conducted for the II & III Year Students of all branches by Mr. Pradeep Kote - Head, Campus Recruitment, Karnataka, Tata Consultancy Services on 8th May 2019. Also present for the interaction was Mr. Rohit Lekkala, HR- Talent Acquisition, TCS. The Students were given a presentation on the Career opportunities at the TATA Group's diversified Streams including the IT Company - TCS. Students were encouraged to participate in the different competitions conducted by TCS, which will enhance their selection in the Recruitment process in TCS. Students were briefed about the various Competitions done by TCS - Codevita, Enquode, and also the Ninja hiring process.

Mr. Pradeep Kote & Mr. Rohit Lekkala, TCS HR Team interacting with Students