

[Activity Report 2020-21]

[Excellence is achieved through training & habituation. At MITE, our responsibility is not only confined to exemplary education and shaping competent graduates, we are also committed to extending support to our Students in choosing an apt Career path – Recruitment at Global best Companies, becoming an entrepreneur, or pursuing higher studies. We take pride in seeing our students walk out of the campus with the best choices that ensure and aids in propelling their professional careers and spread their wings with confidence.]

[@CGC-MITE] [MITE Moodabidri]



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Members of the Career Guidance Cell for the academic year 2020-21

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. H M Ramalingam	Sr. Asst. Prof, Department of Electronics & Commn Engg	Member
5	Mr. Glenson Toney	Asst Prof, Dept of Mechatronics Engg	Member
6	Mr Aveen K P	Asst Prof, Dept of Mechanical Engg	Member
7	Ms. Anusha Jain	Asst Prof, Dept of Civil Engg	Member
8	Mr. Pradeep Kumar B R	Sr. Asst. Prof, Department of Management Studies	Member
8	Mr. Praveen Kamath	General Manager, Wipro	Member
9	Mr. Noel Fernandes	Manager, HR, ITC Ltd	Member



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ACTIVITIES CONDUCTED IN 2020-21

CERTIFICATION PROGRAMS				
Date	Program	Certifying Organization		
March 8 - 13	Problem Solving & Critical Thinking - Industrial	DLithe Consultancy Pvt Ltd.		
	Programming Approach	Bengaluru		

HIGHER EDUCATION ORIENTATION PROGRAMS			
Date	Program	Organization	
Nov 4 2020	Talk on 'Graduate Studies at Binghamton University	Dr. Mohammad T Khasawneh,	
	for MITE Students'	Professor& Chair, SS&IE,	
		Binghamton University,	
		SUNY, USA	
Dec 23 2020	"Career opportunities available after Engineering -	Mr. Ganesh Hebbar,	
	(CAT,GRE)"	TIMES Mangalore	
May 20 2021	Talk on 'Importance of MBA in the current economic	Mr. Ganesh Hebbar,	
	condition"	TIMES Mangalore	
July 24 2021	Talk on 'Global opportunities - Study Abroad'	Panel Discussion with Alumni	
		Members from Australia &	
		Europe	

ASSESMENT & TRAINING PROGRAMS					
Date	Test/ Training	Organization			
Nov 7 2020	AMCAT Test- for VII Sem Students	Aspiring Minds			
May 12 2021	MyAnatomy National competence evaluation Test	MyAnatomy			
July 24 2021	First Naukri Aptitude Test for MBA Students - 1	First Naukri			
July 24-25 2021	First Naukri Aptitude Test for B.E Students - 1	First Naukri			
Sep 14-28 2020	Infosys Pre-Placement Training	DLithe Consultancy Pvt Ltd.			
		Bengaluru			
March 4-6 2021	Training on problem solving & critical thinking	DLithe Consultancy Pvt Ltd.			
		Bengaluru			
Mar 1-3 2021	Adobe specific Company Training	DLithe Consultancy Pvt Ltd.			
		Bengaluru			
Mar 29-Apr 1 2021	Training on InfyTQ	DLithe Consultancy Pvt Ltd.			
		Bengaluru			
June - Aug 2021	June - Aug 2021 ESDP - Soft Skills Mr. Praveen Kamath				
		CHRO, Apisero			



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TALKS & ACTIVITIES				
Date	Торіс	Resource Person		
Oct 3 2020	Talk on 'AMCAT - Assessment'	Mr. Siddharth Tiwari, Regional Manager, Campus Solutions, Aspiring Minds		
May 18 2021	TIEI Induction Program 2021 Talk on 'Insights into the Corporate World'	Mr. Santosh Rao Associate Vice President – HR & Ms. Krithika K R Officer - Human Resources Toyota Industries Engine India		
June 12 2021	Talk on "Cybersecurity Trends and Measures"	Mr Venkatesh Sheregar, Cybersecurity Consultant, Toyota Kirloskar Motor.		
June 26 2021	Talk on "DevOps"	Mr.Diganth D R, Technical Architect, Nokia		
July 30th, 2021	Talk on "Computer Aided Manufacturing"	Mr. Balasubramanyam G, General Manager, Production Engineering, Toyota Industries Engine India		
Aug 13 2021	Talk on 'Automation in manufacturing Industry'	Mr. Balasubramanyam G, General Manager, Production Engineering, Toyota Industries Engine India		



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CERTIFICATION PROGRAMS

Problem Solving & Critical Thinking - Industrial Programming Approach

As part of the Best Practice employed at MITE, *Employability Skills Development Program*, Students are offered certification Courses in association with Industry Experts and EduTech Companies. The Certification Program on 'Problem Solving & Critical Thinking' focused on providing Students an exposure to the Agile Developmentand Industry Practices using Projects.

#	Program	No of Students Certified
1	Certification Course on Problem Solving & Critical Thinking Agile Development	34
	Devops Best Coding Practices	
	Coding & Testing Industry approach for Project Development	



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HIGHER EDUCATION ORIENTATION PROGRAM

Talk on 'Graduate Studies at Binghamton University for MITE Students' by

Prof. Mohammad T Khasawneh, Department Chair, Systems Sc & Industrial Engg Binghamton University, SUNY, USA 4th November 2020



Prof. Mohammad T Khasawneh, Department Chair, Systems Sc & Industrial Engg Binghamton University, SUNY, USA presented a Talk on 'Graduate Studies at Binghamton University for MITE Students' on 4th November 2020. Prof. Khasawneh briefed about the University Courses, eligibility exams, opportunities of Research and Projects and Job opportunites after completing Masters at Binghamton University.

In his Presentation, Prof. Khasawneh presented the Reasons for pursuing a Graduate Degree in the US - the Academic Excellence, Variety of education opportunities, opportunities for Research, Global Education, Advanced Career prospects, Strong support services for International Students, Available innovative Technology and the funding availability. He also highlighted the average US Salary by discipline for 202, which can be quite attractive for Graduates.

Prof. Khasawneh provided a glimpse of the Binghamton University Campus, and its history to illustrate the strong foundation that has been set by the University. He also emphasized on the various Globa Rankings - Binghamton University is ranked 34 in the US Overall Best Public University, and ranked 88 in the overall Best US University. The University has a vast international community with Students from more than 50 countries. Binghamton University also has Six colleges, amongst which the College for the Engineering Graduate aspirants will be the 'Thomas J Watson College of engineering and Applied Science'. He also mentioned about the vast Academia, Industry and Government Collaborations and the Major Research Sponsors - and the best Top Employers connected to the University. Prof. Khasawneh listed the various Graduate Studies Courses under MS, and the Curriculumm overview, so that the Students can understand the way in which the MS Program works.

A snapshot of Indian alumni from Binghamton University was also presented, also highlighting the Indian Gradaute Student Organization and the various events and cultural fests that they organize. Prof. Khasawneh also highlighted the various measures that have been undertaken by the University during the Covid times, and how safe the University is.



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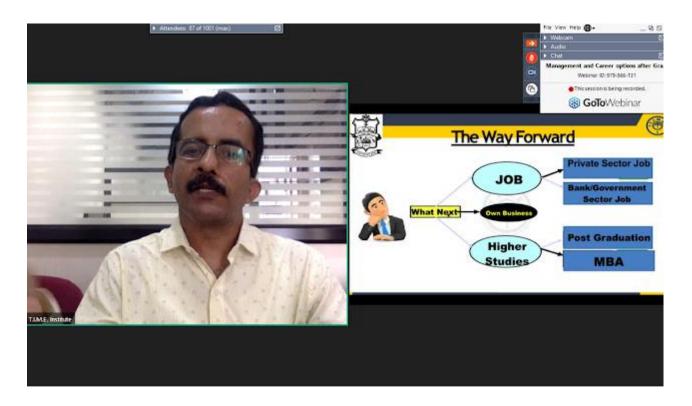


Career Opportunities available after Engineering -CAT, GRE by

Mr. Ganesh Hebbar V, Director - Mangalore & Udupi Centre, T.I.M.E (P) Ltd 23 Dec 2020

An Orientation on – 'Aptitude Exams and Career Opportunities available after Engineering' was conducted on 23rd Dec 2020 for the Final Year Engineering Students. The Session was conducted online 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..





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Importance of MBA in the current economic condition by

Mr. Ganesh Hebbar V, Director – Mangalore & Udupi Centre, T.I.M.E (P) Ltd 20 May 2021

A Talk on – 'Importance of MBA in the current economic condition' was conducted on 20th May 2021 through online Mode. The Session was conducted online by Mr. Ganesh Hebbar, Director of Mangalore & Udupi Center – T.I.M.E

The Talk focused on the changing dynamics of the Higher Education and Job scenarios due to the covid Scenario. Mr. Ganesh emphasised on how MBA degree can provide better opportunities to students as compared to their Graduation Degree. The Talk focused on various Competitive exams, Exam formats, and tips on how to crack these exams. He also 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..





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Panel Discussion on 'Global Opportunities - Study Abroad' 24th July 2021



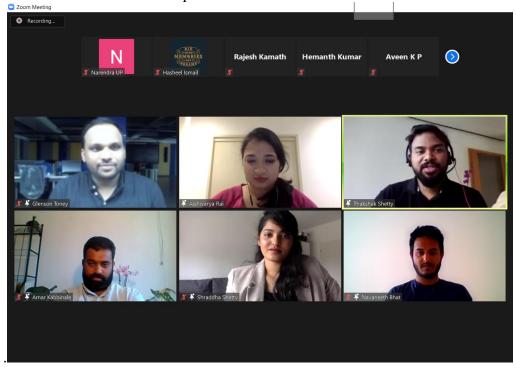
An Online Panel Discussion on 'Global Opportunities - Study Abroad' was conducted for the Students to get an awareness on Higher Education.

The Panel Members were our Distinguished Alumni Members who have done their Higher Education in Global Universities -

- 1. Mr. Takshak Shetty, Valyue GmbH, Germany 2014-ECE
- 2. Ms. Aishwarya Rai, Shippit, Australia 2015 -ISE
- 3. Mr. Amar Kabbinale, WAMAK Heat Pumps, Slovakia 2015 MECH
- 4. Mr. Navneeth Bhat, Meco Equipment Engineers 2015 MECH
- 5. Ms. Shraddha Shetty, SAP, Germany 2017 ISE

The Panel Discussion emphasised on the following:

- ♦ Introduction of Alumni Guests and their Higher Education Path
- ♦ Cultural differences of other countries with India and how easy/ difficult it was to cope
- ♦ The preparations you made while applying for Masters and Important steps in the admission process.
- ♦ Difference in the academic culture and the hurdles during the Studies
- ♦ Scholarship Do I apply for it post admission or is it processed along with the admission application? What are process involved in it?
- ♦ Regulations to work during Masters
- ♦ Is it easy to get a teaching/research assistantship? What should be my preparations for it?
- ♦ How crucial are the Statement of Purpose and Letter of Recommendations.





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ASSESSMENT & TRAINING PROGRAMS

ASSESSMENT TESTS CONDUCTED DURING 2020-21

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.

AMCAT Test was conducted for the Final Year Students during the month of November 2020 Total No of Students assessed during November 7th 2020: 99

FNAT 2022 :: FirstNaukri Aptitude Test FNCODE 2022 : FirstNaukri Coding Test

FNMAT 2022 : FirstNaukri Management Aptitude Test

First Naukri Aptitude & Coding 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. The Aptitude Test for Management Students - FNMAT was conducted for the I Year MBA Students to assess their Aptitude Skills.

Tests conducted during the Academic Year 2020-21

FNAT - Total No of Engineering Students assessed during July 24-25th 2021: 344

FNCODE - Total No of Engineering Students assessed during July 24-25th 2021: 313

FNMAT - Total No of Students assessed during July 24th 2021: 58

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.



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TRAINING PROGRAMS CONDUCTED DURING 2020-21

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.

Soft Skills Training for III Year B.E.

Resource Person: Mr. Praveen Kamath, CHRO, Apisero

Topics Covered: Communication skills, Personality Traits, Facing Interviews, Industry knowledge

Weekly Aptitude Training for III Year B.E.

Trainer: Mr. Deepak Poojary, Executive Trainer, Dept of T&P

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

Weekly Aptitude Training for I Year MBA

Trainer: Mr. Deepak Poojary, Executive Trainer, Dept of T&P

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

Adobe - Company specific Training InfyTQ - Python Training for InfyTQ Drive Training on Problem solving & Critical thinking

Interview Refresher Training

Infosys - Quantitative Ability, Analytical Reasoning, Verbal Ability, Python Training



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TALK ON 'AMCAT ASSESSMENT' By Mr. Siddharth Tiwari, Regional Manager, Campus Solutions, Aspiring Minds 3rd October 2020

A Webinar on 'AMCAT Assessment' was conducted on 3rd October 2020 by Mr. Siddharth Tiwari, Regional Manager, Campus Solutions, Aspiring Minds. Mr. Siddharth gave an overview of the AMCAT tool, and the new age recruitment where the AI based adaptive recruiment has become a default followed practice by the Recruiting Companies.

The Talk covered the following aspects:

- AMCAT assessment mode
- AMCAT Test Modules
- Benefits of AMCAT
- Companies that uses AMCAT for their Selection
- Benefit of writing AMCAT through college MoU





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TIEI Induction Program 2021
Talk on 'Insights into the Corporate World'
Mr. Santosh Rao, Associate Vice President – HR
& Ms. Krithika K R, Officer - Human Resources
Toyota Industries Engine India
18th May 2021



A Talk on 'Insights into the Corporate World' and Introduction to the Toyota Industries Engine India MoU with MITE was conducted on 18th May 2021. Mr. Santhosh Rao, Associate Vice President – HR & Ms. Krithika K R, Officer - Human Resources, Toyota Industries Engine India (TIEI) were the Speakers for the Program.

Ms. Krithika K R gave a presentation about the History and the Working of TIEI. She gave an insight into the Toyota Engine Manufacturing process and the entire working of TIEI. She also emphasised about the Japanese culture and how it creates a positive impact. Ms. Krithika highlighted that with the MoU both MITE and TIEI will work towards creating opportunities that will benefit the Students in their Skill development and Career. TIEI will conduct KAIZEN festival to identify innovators in the campus with bright ideas, and it will be evaluated by MITE and TIEI Indutry professionals. Such selected ideas will further be nurtured by TIEI, and students will get Internship opportunities.

Mr. Santosh Rao highlighted about the Corporate culture, and how students should be prepared during their academics for the corporate world. TIEI will further schedule multiple Talks with Senior Technical experts to give industry awareness to the students.

zoom

MITE-TIEI MoU || An insight into the corporate w... - Shared screen with speaker view





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Webinar on "Cybersecurity Trends and Measures"

by Mr Venkatesh Sheregar, Cybersecurity Consultant, Toyota Kirloskar Motor.

12th June 2021



A Webinar on 'Cybersecurity Trends and Measures' was organized on 12th June 2021. The Guest Speaker for the Webinar was Mr Venkatesh Sheregar, Cybersecurity Consultant, Toyota Kirloskar Motor.

In his address to the students, Mr. Venkatesh briefed about the various aspects of Cybersecurity, and how critical it is today for all Industries. With the vast adaption of digital technologies, Industries are also getting more vulnerable to the cyber threats, for which Cyber security experts and knowledge is in more demand.

Mr. Venkatesh highlighted on teh advantages that students get by possessing certifications on cybersecurity.

He also highlighted on the following aspects:

Data security will be a top priority

Cloud security measures for end-user trust

AI will be a double-edged sword

Focus on third-party vendor security

Increasing risk owing to mobile devices, BYOD and IoT devices

Increasing IoT devices – A wealth of security blunders

State-sponsored attacks to increase

Automation and integration in cybersecurity

Increasing cybersecurity spends, growing industry and widening skill gap

Evergreen phishing and ransomware landscapes.

About Speaker: Mr. Venkatesh Shergar, having more than two decades of Industry experience is an Information Security Sepcialist and is working as a Cybersecurity consultant at Toyota Kirloskar Motors. Mr. Venkatesh possess diversified technical background with Enterprise Network Solution and Cybersecurity. Proven ability to implement technologies that decrease costs, increase performance and positively affect the bottom line. He also specializes in NIST Cybersecurity framework, ITIL Foundation Ver. 2011 certified, Cisco CCNA cerified, Cisco BSCI certified, BCMSN, BGP, MPLS, Routing, Switching, Firewall, VPN, Wireless Technologies, VoIP Technologies..



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Webinar on 'DevOps' by Mr.Diganth D R, Technical Architect, Nokia 26th June 2021





A webinar on "DevOps" was held on June 26th, 2021. The Webinar had Mr. Diganth D R, Nokia as the Resource person. The webinar highlighted the continuous change in the Software Development Process and how Engineers should adopt to agile and better software Development Methodologies.

Mr. Diganth in his talk highlighted on thefollowing aspects:

DevOps Model Defined

How DevOps Works

Benefits of DevOps - Speed, Rapid Delivery, Reliability, Scale, Collaboration, Security

Why DevOps Matters

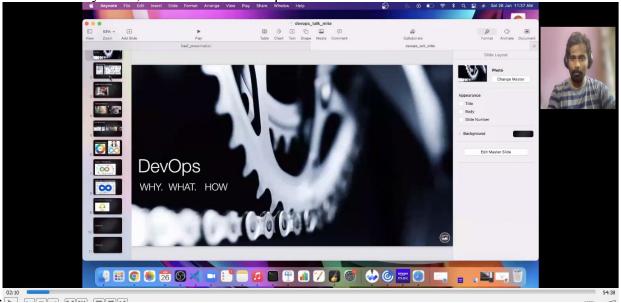
How to Adopt a DevOps Model

DevOps Practices Explained using examples

DevOps Best practices: Continuous Integration, Continuous Delivery, Microservices, Infrastructure as Code, Monitoring and Logging, Communication and Collaboration

DevOps Tools

About Speaker: Mr. Diganth, with an Industry experience of 13 Years is working as TechnicalArchitech at Nokia. He has been working at Nokia as worked as an Architect and developer for Security Content Automation, Product Security Incident Response Team (PSIRT). Goal is to make sure all the products are security compliant and expose no security vulnerabilities. I work with Python, django framework in the back-end. He has worked on wide range of technologies: From assembly level language, C, C++ to high-level languages like Python/Java and django framework; From single-core OS-less systems to distributed/cloud systems; From feature development to automation





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Webinar on 'Computer Aided Manufacturing' by Mr. Balasubramanyam G, General Manager, Production Engineering, Toyota Industries Engine India 30th July 2021



A webinar on 'Computer Aided Manufacuring' was held on 30th July 2021. Mr. Mr. Balasubramanyam G, General Manager, Production Engineering at Toyota Industries Engine India (TIEI) delivered the talk.

The Talk focused on the following:

- Roles of computers & Evolution of CIM
- Computer Integrated Manufacturing [Applicaton]
- Benefits of CIM
- Current Trends & Future of CIM
- Case Study 1: IoT-Improve of Predictive maintenance
- Case Study 2: Tool prioritization for tool management through IOT.

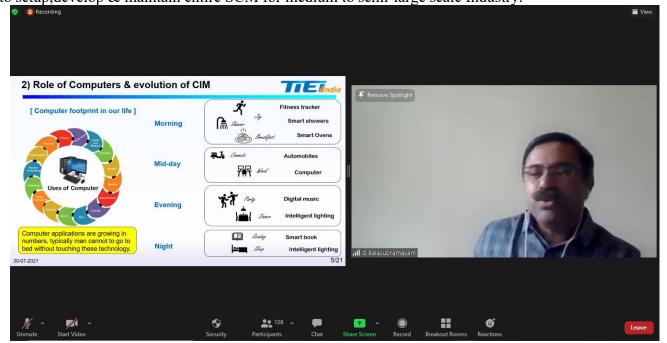
Outcome of the Talk was as follows:

a. Applying CAD/CAM concept to product design and manufacturing.

b.Exposure to CAD/CAM application.

- c. Understand the digital transformation in manufacturing employs IOT, ML, AI, VR AR, etc.
- d.Understand the future developments of Agile Green & Virtual Manufacturing.
- e. Understand the development of Real time monitoring through IOT.
- f.Understand the tool requirement & life management through IOT

About Speaker: Mr. Balasubramanyam G with a 30 years of Experience in Manufacturing Industries from Machine tool to Textile machinery & Auto parts Industry, is presently working as General Manager, Production Engineering at TIEI. Knowledge & Experience acquired in design, process, manufacturing, purchase, production control & logistics. Majority of experience is from Toyota with a knowledge background of TOYOTA PRODUCTION SYSTEM. With this background, he has been able to setup, develop & maintain entire SCM for medium to semi-large scale Industry.





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Webinar on "Automation in manufacturing Industry" by Mr. Balasubramanyam G, General Manager, Production Engineering, Toyota Industries Engine India 13th August 2021



A webinar on 'Automation in manufacturing Industry' was held on 13th August 2021. Mr. Mr. Balasubramanyam G, General Manager, Production Engineering at Toyota Industries Engine India (TIEI) delivered the talk.

The Talk focused on the following:

- Journey and Revolution of Automation
- Impact of Automation in Manufacturing
- Regarding Training Activities in the Production Department
- Case Study: Gravitational, Weight Balancing and Part Shifting Mechanisms in the Production Department
- Material Handling in TIEI
- Concept of Automated Guided Vehicles

About Speaker: Mr. Balasubramanyam G with a 30 years of Experience in Manufacturing Industries from Machine tool to Textile machinery & Auto parts Industry, is presently working as General Manager, Production Engineering at TIEI. Knowledge & Experience acquired in design, process, manufacturing, purchase, production control & logistics. Majority of experience is from Toyota with a knowledge background of TOYOTA PRODUCTION SYSTEM. With this background, he has been able to setup, develop & maintain entire SCM for medium to semi-large scale Industry.

