



# KAKATIYA INSTITUTE OF TECHNOLOGY & SCIENCE

(An Autonomous Institute under Kakatiya University, Warangal)

Opp : Yerragattugutta, Bheemaram (V), Hasanparthy (Mandal), WARANGAL - 506 015, Telangana State, INDIA.

काकतीय प्रौद्योगिकी एवं विज्ञान संस्थान, वरंगल - ५०६ ०१५ तेलंगाना राज्य, भारत

కాకతీయ సాంకేతిక విజ్ఞాన శాస్త్ర విద్యాలయం, వరంగల్ - 506 015. తెలంగాణ రాష్ట్రం, భారతదేశము

## DEPARTMENT OF MECHANICAL ENGINEERING

### Career Guidance and e-Counseling in the Academic Year 2021-22

S.No.	Session/talk	Resourse Person/Speaker	Month-Year
1	Addressing the students of Mechanical Engineering Dept. regarding the importance of registering with Hackathons, Assesment Exams & Preparations , applying for Passport .	HoD , MED	Dec 1 <sup>st</sup> & 8 <sup>th</sup> 2021
2	Session on Linux conducted for the students.	HoD ,MED	30 <sup>th</sup> Dec 2021
3	<b>Evolving Career Roles in Manufacturing: By L&amp;T Edutech Skill Exchange</b>	<b>Sanjiv Malgaonkar</b> - Vice President and Unit Head of L&T Defence IC, Hazira . <b>Debapatra Mohapatra</b> - Head Human Resource Schneider Electric India. <b>Narendren Nair</b> - EVP and CHRO Voltas. <b>Jagannath Oleti</b> - Vice President Head Human Resource, L&T Defence <b>A D Burman</b> - Ex AVP Head Human Resources Maruti Suzuki.	23 <sup>rd</sup> December 2021
4	Addressed MED Students , in regard with upcoming TechnipFMC Recruitment drive for Final Year students.	<b>Kousalya</b> , Engineer- TechnipFMC ,Hyderabad	Dec 31 <sup>st</sup> 2021
5	One Week Core training sessions conducted by Mechanical Engineering Department, for 2022 Passing out Batch	Faculty, MED	Dec -2021
6	Addressed to <b>JSW Company</b> selects ,have informed the career growth in JSW company and core companies. Have highlighted regarding the importance of gaining Experience inCore companies.	Principal and HoD of ME	10 <sup>th</sup> March 2022
7	Addressing the students of M.Tech(Design Engineering) III Sem,regarding the Career opportunities ,importance of internships.	HoD, Prof. K.RajaNarenderReddy	April 1 <sup>st</sup> 2022

8	Interaction with placed students of Mechanical Engineering Department. On 4 <sup>th</sup> June 2022. Highlighted the importance of being committed towards responsibilities and learning new things for career growth .	Principal and HoD of ME	4 <sup>th</sup> June 2022
9	Visited MED Labs and interacted with MED students	<b>Richard King</b> , Region Head - Academic Interface Programme at Tata Consultancy Services Hyderabad	June 23 <sup>rd</sup> 2022
10	Addressed the MED Students of 2 <sup>nd</sup> Year in regard with importance of registering with T&P on on	HoD and T&P Coordinators	June 26 <sup>th</sup> 2022

Dr. P. Srikanth  
Professor & Head, MED



**Fig. 1:** HoD , MED addressing the students of Mechanical Engineering Dept. regarding the importance of registering with Hackathons, Assesment Exams , applying for Passport etc..



**Fig 2:** Session on Linux conducted for the students , 30<sup>th</sup> Dec 2021.



### Extensive Use of Robotic Welding Systems

- Fully Automatic Operations
- Automatic Seam Searching & Tracking
- Automatic Preheating & Torch Cleaning



17 Axis CLOOS Robot Structure Welding

7 Axis KUKA Robot Assemblies Welding

Skill Building for In-House Robot Offline Programming

Armoured & Artillery Systems | Aerospace | Submarines & Warships | Weapon & Engineering Systems

L&T Defence



**Sanjiv Mulgaonkar**  
Vice President & Unit Head of L&T Defence IC, Hazira




Mr Sanjiv Mulgaonkar is alumni of VJTI, Mumbai in Mechanical Engineering & joined L&T as a GET in 1983.

Over the past 38 years at L&T, he has managed various diverse responsibilities which cover – Production, Production Planning, SCM, Design, Digital implementation, Change Management, Sustainability, etc.


He has represented L&T in about 25 countries including North America, Europe & Asia. He was stationed in China as a Project Manager and Site In-charge for 2 years for a prestigious Coal Gasification Project.

Under his leadership at Hazira, team has successfully completed execution & manufacturing of K9 Vajra - Tracked Self Propelled Gun, well ahead of contractual delivery schedule with Global Quality Standards.

Currently, he provides business leadership at the Hazira Manufacturing Complex where various diverse prestigious Defence projects are under execution like Under Water Platforms, Artillery Guns, Armoured Vehicles, Launchers and Bridging Systems.



**Jagannath Oleti**  
Vice President & Head Human Resources – L&T Defence



Mr Jagannath Oleti, is a seasoned HR Leader with over 30+ years' experience spanning across multiple sectors at leadership levels.

He has led HR & HR Teams across engineering / manufacturing / training / construction sectors with multi-unit, multi-location manufacturing facilities across India, Middle East, SE Asia and China.

He has made significant contributions in organizations towards

- Aligning HR strategy with business goals
- Talent Management and building leadership pipeline
- Strategic workforce planning
- Leading / Coaching / Mentoring cross functional teams for change management within matrix organizational structures.

Mr Oleti is currently the Vice-President & Head - HR for L&T Defence, which is a part of the Larsen & Toubro conglomerate.



**A D Burman**  
Ex AVP Head Human Resources Maruti Suzuki



Mr Burman has over 34 years of industry experience in senior roles, in areas of Digital HR Transformation, Legal Compliance, Business Process HR, Corporate HR, Training and Factory Administration. He also has prior experience of Marketing and Sales in Automobile and After Sales Automobile Parts.

His knowledge and area of expertise includes Leading HR Digital Transformation, Deploying Code of Conduct and Business Ethics, Learning & Development, Talent Acquisition, Organization Development, Compensation & Benefits and Leadership Development.

He is Postgraduate in management from IIM Calcutta, he also holds an Engineering degree from IIT Delhi.

He is a member of various forums, ex-Chairman of ISTD Durgam, Life member of HRSD, ex Member SIAM Human Capital Group.



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### Industry 4.0 Impacts all aspects of manufacturing

More Shift towards Engineer & Scientists Intensive Manufacturing

Area	From	To
Design	Core design aspects	Understanding of product life cycle management and Digital twin concepts
Planning	Waterfall methodology	Agile Methods
Manufacturing	Manufacturing Processes – Manual Welding / Fitment	Robotics / Internet of Things / Predictive Methods / AR VR
Quality	Measurement Based Quality	Advanced Metrology, Predictive Quality, AR / VR
Procurement	Vendor Development, Buyer	Supply Chain Control Tower, Blockchain, Robotic Process Automation
Stores	Receipt, Inventory, Outbound	QR Code / Bar Code / LoRaWAN etc.

Armoured & Artillery Systems | Aerospace | Submarines & Warships | Weapon & Engineering Systems

L&T Defence





Thank You

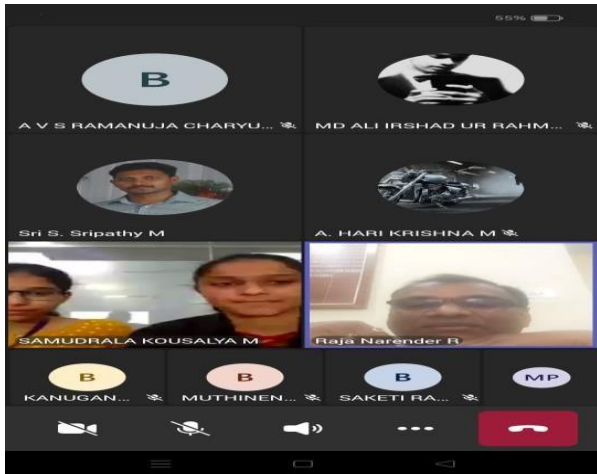


We make the things that make India Proud

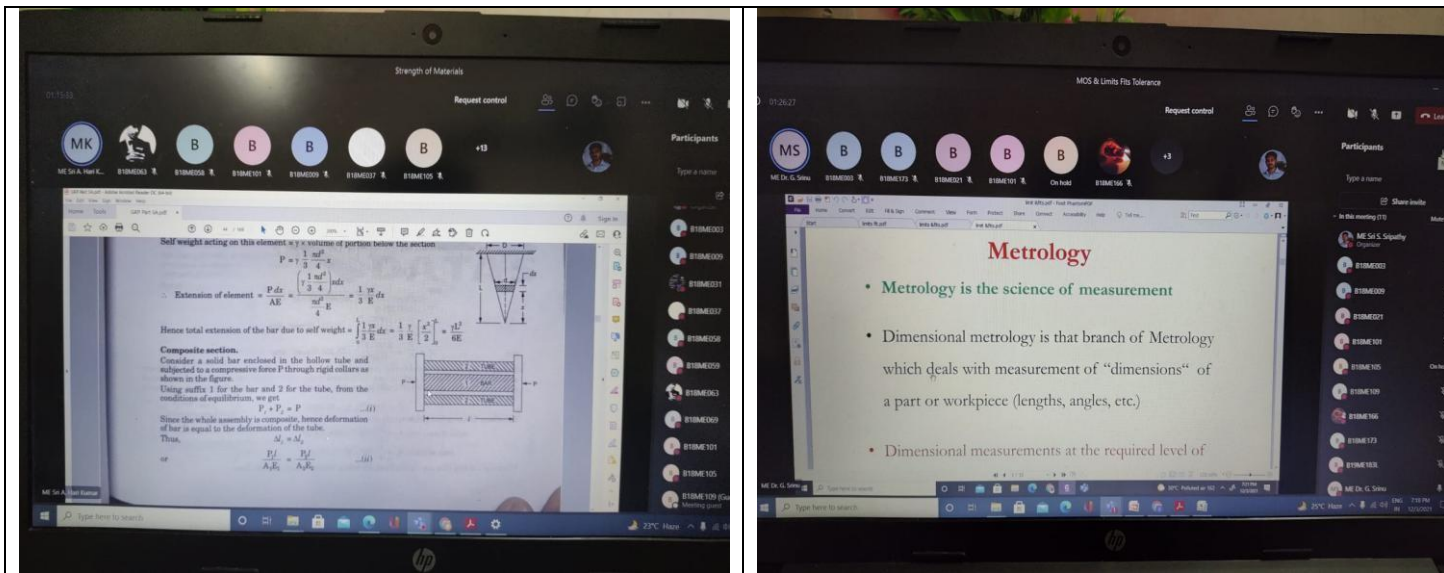
Armoured & Artillery Systems | Aerospace | Submarines & Warships | Weapon & Engineering Systems

L&T Defence

**Fig3: Delivered lectures on Evolving Career Roles in Manufacturing: By L&T Edutech Skill Exchange**  
 Sanjiv Malgaonkar - Vice President and Unit Head of L&T Defence IC, Hazira .  
 Debapatra Mohapatra - Head Human Resource Schneider Electric India.  
 Narendren Nair - EVP and CHRO Voltas.  
 Jagannath Oleti - Vice President Head Human Resource, L&T Defence  
 A D Burman- Ex AVP Head Human Resources Maruti Suzuki.  
 On 23rd December 2021

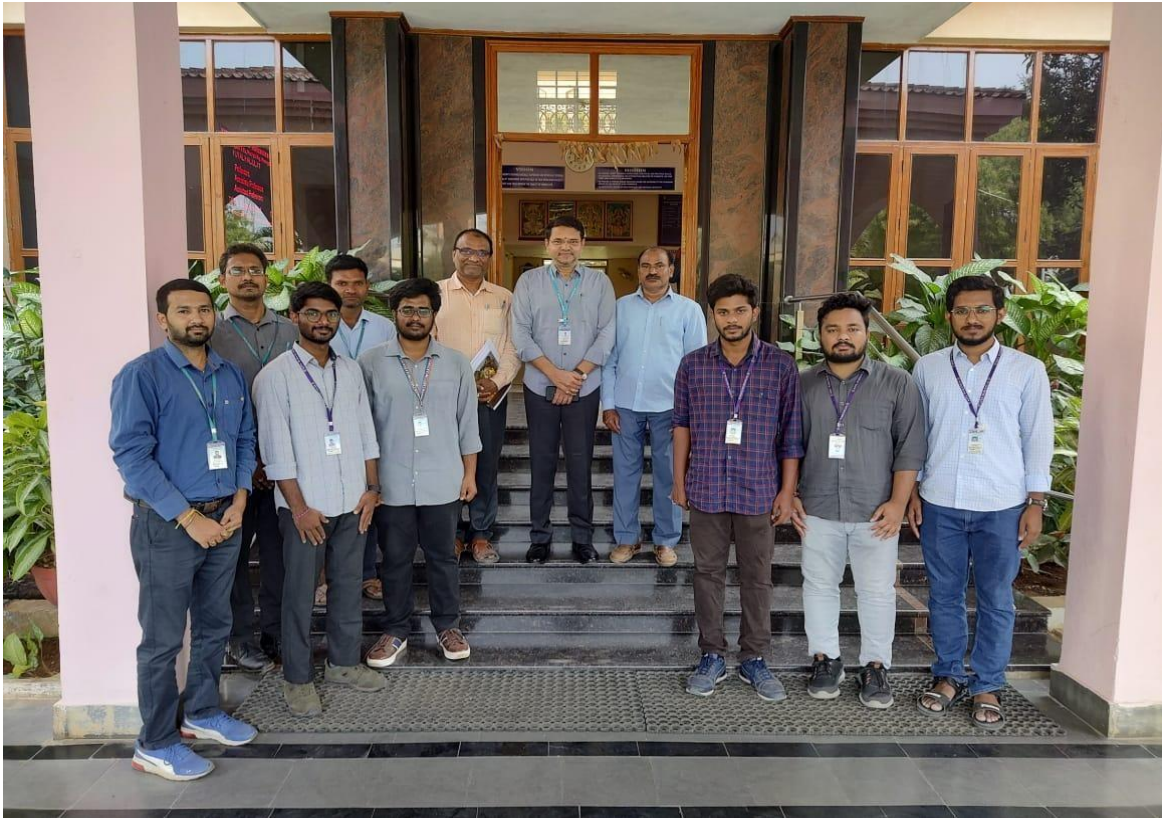


**Fig.4 :** HoD, Prof. K.RajaNarendar Reddy, T&P Coordinator Dr.G.Srinu , Sri.S.Sripathy, Assistant Professor, Kousalya , working as Engineer in TechnipFMC ,Hyderabad, have addressed MED Students , in regard with upcoming TechnipFMC Recruitment drive for Final Year students. On Dec 31<sup>st</sup> 2021.



**Fig 5:** 1 Week Core training sessions conducted by Mechanical Engineering Department, Dec -2021. For 2022 Passingout Batch.





**Fig 6:** Principal and HoD of MED addressed to **JSW Company** selects , have informed the career growth in JSW company and core companies. Have highlighted regarding the importance of gaining Experience in Core companies. 10<sup>th</sup> March 2022



**Fig 7:** HoD, Prof. K.RajaNarender Reddy addressing the students of M.Tech(Design Engineering) III Sem, regarding the Career opportunities , importance of internships. On April 1<sup>st</sup> 2022

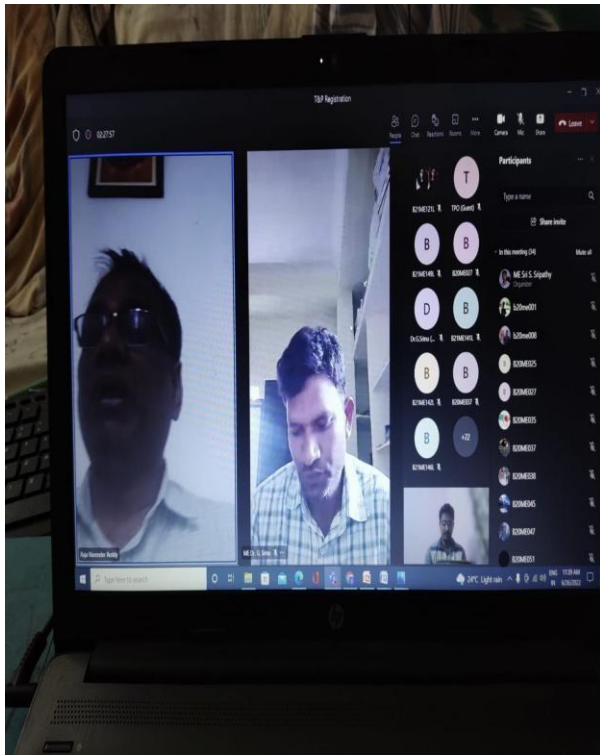




**Fig.8** Respected Principal Sir , HoD –MED interacted with placed students of Mechanical Engineering Department. On 4<sup>th</sup> June 2022.



**Fig.9** Richard King Region Head - Academic Interface Programme at Tata Consultancy Services Hyderabad, visited MED Labs and interacted with students. On June23rd 2022.



**Fig.10** HoD, Prof. K.RajaNarender Reddy, T&P Coordinators addressed the MED Students of 2<sup>nd</sup> Year in regard with importance of registering with T&P on on June 26<sup>th</sup> 2022