

# Department of MECHANICAL ENGINEERING

#### **Editorial Board**

#### Chief Editor & Advisor:

Dr. Syed Azam Pasha Quadari Professor & HOD- Mech

#### Faculty:

- 1. Mr. Ramavath Suman Assistant Professor
- 2. Mr. Mohd Ibrahim Assistant Professor

#### **Students:**

- 1. Mohammed Nemath 160921736309 B.E. (Mech) IV-Sem.
- 2. Ibrahim Haneef 160920736301 B.E. (Mech) VI-Sem.

# NEWSLETTER

# 2022-2023

(Even Semester)

# **MECHRONICLE**



LORDS INSTITUTE OF ENGINEERING & TECHNOLGOY

1

## (An Autonomous Institution)

Approved by AICTE | Affiliated to Osmania University | Estd.2002 | Accredited 'A' grade by NAAC

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#### *i*. Foreword

#### Dr. Syed Azam Pasha Quadari

Professor & Head, Department of Mechanical Engineering



Greetings...!

A hearty welcome to the **Department of Mechanical Engineering** at Lords Institute of Engineering and Technology, Hyderabad. The objective of the department is to prepare students for a successful career in industry, research and academics to meet the needs of growing technology. The department has well qualified and dedicated faculties and the department strives to impart knowledge and training of the highest standard. The department always believes in outcome-based education and also develops critical thinking, analyzing skills and inculcates research capabilities among the learners. Our efforts are to develop the ability among students to synthesize data and technical concepts for application to product design. We provide an opportunity for students to work as members of a team on multidisciplinary projects. Mechanical engineering department provides students with a sound foundation in the mathematical, scientific and engineering fundamentals necessary to formulate, solve and analyze engineering problems and to prepare them for higher studies as well as research. We promote student awareness for life-long learning and to introduce them to professional ethics and codes.

The department preserves its achievements and publishes its all activities by bi–annual magazine '**MECHRONICLE'**. I extend my sincere thanks and regards to the Management, Principal and the Staff members of the mechanical department who always support me to implement my plans for the development of the department.

It gives me immense pleasure to lead the Department of Mechanical Engineering,

Best wishes...!

#### ii. Vision & Mission of Department

#### Vision

To become center of repute for high standards of quality mechanical engineering education, research and entrepreneurial skills.

#### Mission

- DM1: To impart quality professional education that meets the needs of present and emerging technological world
- DM2: To strive for student achievement and success, preparing them for life, career and leadership.
- DM3: To provide a scholarly and vibrant learning environment that enables faculty, staff and students to achieve personal and professional growth.
- DM4: To contribute to advancement of knowledge, in both fundamental and applied areas of engineering and technology.
- DM5: To forge mutually beneficial relationships with government organizations, industries, society and the alumni.

Note: DM: Department Mission

#### *iii.* Program Educational Objectives (PEOs)

- PEO1: Exhibit strong fundamental knowledge in basic and engineering sciences to find suitable solutions of technological and real-life challenges using innovative tools.
- PEO2: Demonstrate technical competency and problems solving skills through state of art facilities for adequate technical solutions.
  - **PEO3:** Pursue good job opportunities and higher education with continuous learning, multidisciplinary activities, team work, effective communications, tools usage.
  - **PEO4:** Provide consultancy services to industrial, societal challenges with sustainable development and ethics.

# 1. Faculty Contributions

## 1.1 Ph. D Guided

Name of the Scholar	Guide Name	University /Institute of registration	Date of Completion	Торіс	Area of Research
Mohd FazalUr Rahman,	Dr. Syed Nawazish Mehdi	from Singhania Univeristy, Rajasthan	2023.	Performance Optimization of 500MW Steam Turbine	Thermal Engineering
Mohd Hasham, Ali	Dr. Syed Nawazish Mehdi	JNTUH	2023.	Design Modifications of theblade of vertical axis wind turbine rotor and its performance evaluation	Mechanical Engineering

# 1.2 Ph. D Guiding

S. No	Guide Name	Name of the Scholar	University /Institute of registration	Year of Registration
1.		Mr. Ravinder Reddy	JNTU	June 2001
2.		Mr. P. Sunil Kumar	OU	May 2003
3.		Mr. Md. Abdul Samad	JNTUH	: Sept. 2009
4.		Mr. Mir Mujtaba Ali Quadri	Mewar Univ.,	Reg. 2014
5.	Dr. Syed Nawazish	Mr. Jai Krishna S	Mewar Univ.	2015
6.	Mehdi	Mr. Mohd Hasham Ali	JNTUH	2016
7.		Mr. Mohammed Irfan Ali	OU	. 2017
8.	ſ	Mr. Md. Irfan	Mewar Univ	2017
9.	ļ	Mr. S. Irfan Sadaq	Mewar Univ	2017
10.		Mr. Md. Abdul S	Mewar Univ.	2017
11.		Mr. Kumbale Anil	OU	04-09-2018
12.		G. Bhaskar	OU	04-09-2018
13.		N. Srinivas Rajneesh	OU	04-09-2018
14.		B.Sunderlal Naik	OU	12-05-2022
		<u> </u>		

15.		S. Bhaskar	JNTUH	17-07-2009
	Dr. Mohammed Yousuf Ali			
16.		B. Raja Narender	JNTUH	2012
17		M. Udaya Kumar	JNTUH	2010

## 1.3 Ph. D Awarded.

S.No.	. Name of Author	Title	Date of awarded	Name of the University
1.	Mr. Md Misbahuddin	Optimum static and dynamic response of laser welded corrugated Core sandwich panel for different grade steel materials	28-08-2023	APJ Abdul Kalam University Indore M.P

#### 1.4 Ph. D Pursuing

S.No	Faculty Name	University of Registration	Year of registration	Торіс	Area of Research
1.	Mr. Samatham Madhukar	NIT Surat	2023	Optimization of Additive Manufacturing Processes	Manufacturing
2.	Mr. Syed Aslam	JNT UH	2016	Optimum Response of laserwelded corrugated core sandwich panel for different steel grade material	Thermal Engineering
3.	Mr. Mohd Asif Kattimani	VTU	2018	Experimental evaluation offatigue life for functionally graded material of gas turbine hub	Thermal Engineering
4.	Ms. Dunga Simhana Devi	LPU	2018	Thermo-economic analysis of diesel engine using wasteplastic as feed stock	Thermal Engineering
5.	Baquer Mohiuddin	VTU	2016	Study on the effect of various defects on vibrationcharacteristics of helical gears made of different materials	Production

S. No	Name of the Faculty	Title of the FDP/Training Activities/STTPs	Duration
1	Dr. Syed Azam Pasha Quadri	Implementation of national Education policy 2020: Industry & Institute Linkage	2 days
2	Dr. Syed Nawazish Mehdi	National Level FDP on "Teaching, Learning, and Evaluation Techniques for Effective OBE"	5 days
3	Mr. Syed Aslam	Conduction and Convection: Fundamentals and Applications	Jul-Oct
4	Mr. Ramavath Suman	ICT tools for Digital learning, students engagement and industry connect	1 day
		Emerging technologies	2 weeks
		3D Printing technology and its Application in Industry 4.0	5 days
		Implementation of national Education policy2020: Industry & Institute Linkage	2 days
		Effective teaching learning and Research	1 Week
	Mr. Mohd Khalid Ahmed	Engineering Drawing and Computer Graphics (NPTEL)	Jul-Oct
		IP Awareness/Training program	1 day
		3D Printing technology and its Application in Industry 4.0	5 days
		Unlocking Innovation: Exploring Research, Innovation and Patent	1 Week
6	Mr. Mohammed Asif Kattimani	Implementation of national Education policy 2020: Industry & Institute Linkage	2 days
		Properties of materials (Nature and properties of materials: III) (NPTEL)	Feb-Apr
		3D Printing technology and its Application in Industry 4.0	5 days
		Metal Additive Manufacturing (NPTEL)	Jul-Oct
7	Mr. K Prashanth	ICT tools for Digital learning, students' engagement and industry connect using uLektz.	1 day
		Hybrid Electric Vehicles	5 days
		Enhancing Research Ecosystem in the campus	5 days
		Recent Advancement in Heat Exchanger Technologies: Experimentations and simulations	5 days
		3D Printing technology and its Application in Industry 4.0	5 days
8	Mr. D.H Pachchinavar	Innovative methods in finite elements analysis using Ansys & Abaqus	1 week
		20 <sup>th</sup> National cyber security and cybercrime awareness session	1 day
		IP Awareness/Training program	1 day
9	Mr. Md Misbahuddin	Implementation of national Education policy 2020: Industry & Institute Linkage	2 days

## 1.5 Faculty Attended FDPS/Workshops/Seminar/Guest lectures

		Engineering Drawing and Computer Graphics (NPTEL)	Jul-Oct
		Unlocking Innovation: Exploring Research, Innovation and Patent	1 Week
10	Dr. Sumeet Hangargi	Teaching, Learning and Evaluation Techniques for Effective OBE	5 days
		Emerging Technologies	2 weeks
11	Mr. Gyara Ajay	E-QUIZ on World Wildlife Day	1 day
	Kumar	E-QUIZ on the Eve of National Science Day	1 day
		J-GATE as a search & Discovery tool to access journal literature in Engineering & technology	1 day
		EBSCO E-BOOKS awareness Program	1 day
12	Mr. Samatham	Implementation of National education policy	2 days
	Madhukar	3D Printing technology and its Application in Industry 4.0	5 days
		Product Design and Manufacturing (NPTEL)	Jan-Apr
		Automation in Manufacturing (NPTEL)	Jul-Oct
13	Mr. Sheshikanth Mohrir	Design and Development of Drone- Hands on Experience	1 day
		Enhancing Research Eco system in Campus	5 days
		Integrating Autodesk fusion-360 in Engineering subjects.	1 week
		Entrepreneurship and startup for Beginners	1 day
		Trends and Challenges in the Development of Electric Vehicles & Hybrid Electric Vehicles series -II	5 days
		ICT tools for Digital learning, students' engagement and industry connect using uLektz	1 day
		Unlocking Innovation: Exploring Research, Innovation and Patent	1 Week
		Effective teaching learning and Research	1 Week
14	Mr. Mohd Ibrahim	Effective teaching learning and Research	1 Week
15	Mr. Shaik Mohd	IP Awareness/Training program	1 day
	Hussain	3D Printing technology and its Application in Industry 4.0	5 days
16	Mr. Sarap Raghavendra	Effective teaching learning and Research	1 Week

# 2. Professional Society

## **Faculty Membership Details**

S No.	Name of the Professional Society	Total Faculty Members
01	ISTE	32
02	IAENG	29
03	ASME	01
04	The Combustion Institute	01
05	The Institution of Engineers	02
06	The National Society of Fluid Mechanics and Fluid Power India	01
07	Solar Energy Society of India	01

## **ISTE Membership**

S. No	Name of the Faculty	IEEE Membership Number
1	Dr. Mohammed Yousuf Ali	LM18527
2	Dr. Syed Nawazish Mehdi	LM22721
3	Dr. Syed Azam Pasha Quadri	LM120326
4	Mr. MOHAMMED ASIF KATTIMANI	LM120329
5	Mr. MOHAMMED IQBAL KHATIB	LM120332
6	Mr. A NIHAR	LM120331
7	Mr. PRASHANT	LM120327
8	Mr. DH PACHINAVAR	LM120325
9	Mr. BAQUER MOHIUDDIN	LM120322
10	Mr. KUMAR NAIK	LM120318
11	Mr. Ramavath Suman	LM127220
12	Mr. Guru Bramhananda Reddy	LM127331
13	Mr. Mohd Khalid Ahmed	LM127332
14	Mr. T. Hari Chandrudu	LM127333

15	Mr. C. Vikram	LM127334
16	Mr. Megavath Venu Kumar	LM127335
17	Mr. Mohammed Abdul Junaid	LM127336
18	Mr. Raghavendra	LM127337
19	Mr. Mohammad Abbas Khan	LM127338
20	Mr. Noor Mohammed	LM127339
21	Mr. Medi Rakesh Kumar	LM127340
22	Mr. Md. Misbah Uddin	LM127341
23	Ms. S. Nagarani	LM127342
24	Mr. Khaja Ameer Khusro	LM127343
25	Mr. Jeevan	LM127344
26	Mr. Roshan Zameer Ahamed	LM127345
27	Mr. Sarap Raghavendra	LM127346
28	Mr. R. Mahesh Goud	LM127347
29	Ms.Dunga Simhana Devi	LM122690
30	Mr. Pandit K	LM120328
31	Mr. Pralhad kumar	LM120321
32	Mr. Sudheer	LM120319

## IAENG Membership

Sl. No.	Name of the Faculty	Membership Number
1	Dr. Syed Azam Pasha Quadri	168876
2	Mr. Ramavath Suman	202932
3	Mr. Mohammed Asif Kattimani	202166
4	Md Misbahuddin	224274
5	Mr. Madem Guru Bramhananda Reddy	224240
6	Mr. Medi Rakesh Kumar	202281
7	Mr. Appam Nihar	202280

8		2021(5	
0	Mr. Mohammed Iqbal Khatib	202165	
9	Mr. Kumara Naik	202167	
10	Mr. Mohammed Abdul Junaid	202317	
11	Mr. Mohammed Abbas Khan	202976	
12	Mr. Dunga Simhana Devi	214440	
13	Mr. Samudrala Nagarani	214931	
14	Mr. Doddaningappa Pachinavar	202039	
15	Mr. Mohammed Khalid Ahmed	219295	
16	Mr. Prashant Khasge	203628	
17	Mr. Telugollu Harichandrudu	214982	
18	Mr. Baquer Mohiuddin	219282	
19	Mr. Khaja Ameer Khusro	219616	
20	Mr. Jeevan	219292	
21	Mr. Roshan Zameer Ahamed	219291	
22	Mr. Noor Mohammed	202930	
23	Mr. Rathnagiri Mahesh Goud	319308	
24	Mr. Raghavendra Sarap	221072	
25	Mr. Raghavendra Busappa	202162	
26	Mr. Meghavath Venu Kumar	202160	
27	Mr. Syed Aslam	245715	
28	Mr. Gyara Ajay Kumar	245717	
29	Mr. Salman Shah Quadri	244726	

## **ASME Membership**

Sl. No.	Name of the Faculty	Membership Number
1	Dr. Syed Nawazish Mehdi	6977466

#### The Combustion Institute Membership

SI. No.	Name of the Faculty	Membership Number
1	Dr. Syed Nawazish Mehdi	LMC-1174

## The Institution of Engineers Membership

SI. No.	Name of the Faculty	Membership Number
1		
	Dr. Syed Nawazish Mehdi	F108238-4
2		
	Dr. Mohammed Yousuf Ali	F1208345

## NSFM & FPI Membership

Sl. No.	Name of the Faculty	Membership Number		
1	Dr. Syed Nawazish Mehdi	L-203		

## SAE Membership

SI. No.	Name of the Faculty	Membership Number
1	Dr. Syed Nawazish Mehdi	610591

#### Solar Energy Society of India Membership

SI. No.	Name of the Faculty	Membership Number
1		
	Dr. Mohammed Yousuf Ali	0956/LM/2000

# Student Membership Details

S No.	Name of the Professional Society	Total Students
01	Institution of Mechanical Engineers (India)	108

# Institution of Mechanical Engineers Membership

S. No	Name of the Professional	Membership	Student Roll No.
	Society	Number	
1	Syed Abbas	80703418	160921736001
2	Mohammed Tafaszul Ishaq	80703411	160921736002
3	Syed Saleh	80703408	160921736003
4	Syed Ashraf Ali	80703406	160921736004
5	Mohd Sufiyan Pasha	80703403	160921736005
6	Mohammed Abdul Adnan	80703400	160921736006
7	Yawar Shah Khan	80703395	160921736007
8	Shaik Aijaz	80703391	160921736008
9	Mohammed Akram Ali	80703376	160921736010
10	Mohammed Taaha Furqhan	80703372	160921736011
11	Abdul Sameeullah Khan	80703370	160921736012
12	Syed Yahiya Mohtesham Ali	80703371	160921736013
13	Syed Mansoor Pasha	80703373	160921736014
14	Mohammed Safwan Khan	80703377	160921736015
15	Mohammed Shoeb Nawaz Khan	80703424	160921736016
16	Khaja Salwauddin	80703415	160921736019
17	Mohammed Ahmed	80703412	160921736020
18	M A Hussain	80703409	160921736021
19	Mohammed Ayman Hussain	80703407	160921736022
20	Mohammed Safwan Khan	80703405	160921736023
21	Abdulrahman Ahmed	80703397	160921736025
22	Mohammed Mateen	80703393	160921736026
23	Mohd Wasi Uddin	80703387	160921736028
24	Aamer Abdul Karim Khan	80703384	160921736029
25	Mohd Ziya Uddin	80703382	160921736030
26	Shaik Mohd Uzair	80703425	160921736031
27	Shaik Niyazuddin	80703422	160921736032
28	Mohammed Ahsan Uddin	80703419	160921736033
29	Mohammed Abdul Rehman	80703413	160921736035
	Khan		
30	Mohammed Abdul Jabbar	80703386	160921736036
31	Irfan Khan	80703410	160921736037
32	Syed Yasarullah	80703404	160921736040
33	Syed Noor Mohammed Shah	80703398	160921736042
34	Mohammed Ismail Hassan Khan	80703394	160921736043
35	Mohammed Mujtaba Khan	80703389	160921736045

20	Malana I Manage	90702402	160021726202
36	Mohammad Numan	80703402	160921736302
37	Mohammed Suleman	80703399	160921736303
38	Mohammed Abdul Rahman	80703423	160921736304
39	Mohammed Abdul Rahman	80703396	160921736305
40	Mohammed Adnan Khan	80703392	160921736306
41 42	Mohammed Arsalan	80703388	<u>160921736307</u> 160921736308
42	Mohammed Khezar Qureshi Mohd Nemath	80703385	
43	Mond Nemain Mohd Omer Ahmed	80703421 80703383	160921736309 160921736310
44	Abdul Nadeem Uddin	80565811	160919736002
45		80565902	160919736002
40	Abdul Razzaq	80565902	
	Abdul Razzaq Md Imran		160919736005
48 49	Mol Imran Mohammed Awais	80565848 80565901	160919736009 160919736014
<u>49</u> 50	Mohammed Awais Mohammed Muneem Ahmed		160919736014
50	Mohammed Museem Anmed	80565837 80565847	160919736017
51		80565847	160919736029
52	Syed Sumair   Syed Shafi Uddin Irfan	80565844	160919736033
53	Wali Mohammed Imran	80565944	160919736033
55	Mujtaba Abdul Rasheed	80565814	160919736039
56	Md.Abdul.Riyaz	80565724	160919736303
57	Md Taqui Ahmed	80565694	160919736307
58	Mohammad Abdul Azeez	80565804	160919736308
59	Mohammad Abdul Azeez	80566010	160919736309
60	Mohammad Abdul Kazi Subhan Mohammed Abdul Jawad	80565842	160919736312
61	Md Abdul Majeed	80565958	160919736313
62	Mohammed Danish	80565865	160919736318
63	Shaik Amer	80565838	160919736325
64	Shaik Ahmed	80565918	160919736327
65	Shaik Mansoor	80565976	160919736328
66	Shaik Wajid	80565961	160919736330
67	Shark Wajid Syed Sohail Ahmed	80565813	160919736333
68	Mohammad Aqheel Shaikh	80565977	160920736003
69	Mohammed Mudassir Ali Khan	80566166	160920736010
70	Syed Najmuddin Alvi	80565919	160920736011
70	Mohammed Moheb-Ul-Saqlain	80565974	160920736018
72	Syed Mudabbir Moinuddin	80565964	160920736024
73	Syed Shujauddin	80565910	160920736025
74	Abdul Wasay	80566009	160920736026
75	Ahmed Abdul Mujeeb	80566005	160920736027
76	Mohammad Shahid	80565912	160920736031
70	Mohammed Hazim Sharief	80565921	160920736034
78	Mohd Abdul Quader	80565708	16M21A03A4
79	Syed Abrar Pasha	80565707	16M21A03B8
80	Mohd Aamer Uddin Qadri	80565765	16M21A03E9
81	Mohammed Hussain	80565713	16M21A03L5
82	Mohammed Abdul Shahid	80565709	16M21AO390
83	Md Aamir Hojeil	80565896	17M21A0389
84	Mohammed Abdul Salam	80565773	17M21A03B1
85	Istehsan Ahmed Khan	80565809	17M21A03C5
05	istensun / milleu Kliuli	0000000	1/1/12/17/03/03

86	Mohammed Khaiser	80565764	17M21A03E3
87	Mohammed Firdous	80565692	17M21A03F0
88	Arshad Ali	80565956	18M21A0307
89	Pavan Kumar Ghanathe	80565704	18M21A0310
90	Humer Bin Ali	80565803	18M21A0311
91	Javvad Ali	80565954	18M21A0312
92	Mahed Bin Ali	80565893	18M21A0316
93	Mohd Abdul Adnan Haq	80565703	18M21A0343
94	Mohammad Abdul Wakeel	80565963	18M21A0344
95	Mohd Asad Uddin	80565699	18M21A0346
96	Muzarrif Alam	80565905	18M21A0355
97	Pathakoti Kiran	80565693	18M21A0356
98	Shaikh Md Ayan	80565726	18M21A0363
99	Siddiq Ahmed	80565915	18M21A0366
100	Syed Abdul Mannan Hussaini	80565705	18M21A0367
101	Mirza Ibrahim Baig	80565715	19M25A0307
102	Mohammed Talha	80565816	19M25A0310
103	Mohammed Abdul Mannan	80565962	19M25A0312
104	Mohammed Aga Nawal-Ur	80565779	19M25A0314
105	Shahzoor Khan	80565843	19M25A0318
106	Shaik Zameer	80565701	19M25A0323
107	Syed Khasim	80565836	19M25A0324
108	Zoeb Saber Khan	80565935	19M25A0327

# 3. NPTEL Certifications

# Faculty

S No	Course Name	Name of Faculty	No. of weeks course (12Wk/8Wk/ 4Wk)	Final Score	Certificate Type
1	Product Design and Manufacturing	Madhukar Samatham	12 weeks	57%	Successfully completed
2	Properties of Materials	Mohammed Asif Kattimani	8 weeks	66%	Elite

# Students

S No	Course Name	Name of Student	No. of weeks course (12Wk/8Wk/ 4Wk)	Final Score	Certificate Type
1	Product Design and Manufacturing	Mohammed Mahboob	12 weeks		Successfully completed

#### 4. Events

## 4.1 Project Expo 2K23 (ME)

Title of the event: Project Expo-2K23

#### **Resource Person**

Dr. Boda Handya, Professor, Department of Mechanical Engineering, University college University College of Engineering Hyderabad

**Description:** Project Expo-2K23 was conducted by the Department of Mechanical Engineering on 23rd May 2023. Dr. Boda Handya, Professor, Department of Mechanical Engineering, University College of En OU, . Hyderabad, was the Chief Guest for Project Expo-2K23. Mr. Syed Touseef Ahmed Vice-Chairman of the . Lords Institute of Engineering and Technology and Dr. Syed Azam Pasha Quadri, Vice Principal & Professor Department of Mechanical Engineering, LIET Hyd. And Mr. Ramavath Suman Head of the Department was present. All the projects were reviewed by a panel and appreciated by students for excelling in their academic field.

Organized by: Mechanical Engineering

Date of event: 23-05-2023

No. of students/participants attended: 62

## Banner



## **Photos:**



#### **4.2 Parent Teacher Meeting**

Name of the event: Parent-Teacher Meeting

#### **Department:** Mechanical Engineering

**Description:** The meeting was started as per the schedule and the department was ready with all the required data to be presented during the PTM like progress report card, attendance status, events etc. The meeting was started by the address of class in-charges with the parents after which the Head of the Department has addressed the parents followed by the principal's address.

The arrangements were made to interact one-to-one with Parent-Teachers so that each and every aspect of the ward's performance can be discussed and informed to the parents, in presence of their ward. The Mentors, Class In-charges and the Head of the Department have interacted with the parents & students. Also, discussed about the Result of CIE-I, Attendance & Academic Progress. During the discussion it was also informed the required support which department is extending towards the development of each and every child and at the same time the supports which are required from the parents for growth of their ward. All the Parents of second year students were also informed about the CRT, Internships, Syllabus Coverage, Attendance, Marks, Guest lectures, Seminars, Mentoring Process, Peer Learning and other activities which department is providing to the students.

**Venue:** 1<sup>st</sup> Floor (Room No.120)

#### Date: 24/06/2023

#### No of Parents attended: 50

#### Banner



#### **PTM Photos**



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#### 5. Placements





# 5. Internships

Sr No.	Name of Company	Number of Students	Duration
1	BHEL	01	1 Month
2	Macro Industries Pvt. Ltd.	01	1 Month
3	Kukatpally Hyd.     Mekuva Technologies Pvt. Ltd. Hyd.	03	1 Month
4	Rane Enigne Valve Pvt. Ltd.	01	1 Month
5	DMRL Hyd.	03	1 Month
6	Shiva CNC Solutions and Technologies Pvt. Ltd. Nacharam Hyd.	01	1 Month
7	Hitech India Private Limited Cherlapally Hyd.	02	1 Month
8	VRU Techno Private Limited, Hyd.	01	1 Month
9	Medha Servo Drives Pvt. Ltd. Mallapur Hyd.	01	1 Month
10	Siri Power Systems Technologies Pvt. Ltd. Jeedimeta, Hyd.	01	1 Month
11	Professional Education Services	04	1 Month
12	Mechanow India Pvt. Ltd.	01	1 Month

#### **Internship Photos**





# 7. Students Participations and Achievements

S. No	Name of the Author/Autho rs	Title	Journal (Full Name)	Month & Year of Publication	Indexing
1	Mohammed Aamer Sayeed, Mohammed Abdul Jawad, Mohammed Abyan	Design and fabrication of dual mode solar panel Array cleaning machine	International Journal of CreativeResearch Thoughts(IJCRT)	May- 2023	UGC
2	Md Saklain Raza, Wasim Rahman, MdImran	Fabrication and Testing of Tilting Head Industrial Pipe,Plate and Angle Handling Vehicle	Journal of Emerging Technologies and Innovative Research (IJTIR)	May- 2023	UGC
3	Md Taqui Ahmed, Shaik Mansoor, Md.Razi Subhan	Design and fabricationof human Air comfort Jacket	International Journal of CreativeResearch Thoughts – (IJCRT)	June-2023	UGC

#### 7.1 Student Publications

## 7.2 Student Participation

S No	Name of student	Name of Event	Торіс	Venue	Date
1	Syed Taqi Hussain	Work Shop	Composite <b>Materials</b> and3D Printing	MRC Hyderabad	13-07-2023 to 15-07-2023
2	Fardeen Khan	Work Shop	Composite Materials and 3D Printing	MRC Hyderabad	13-07-2023 to 15-07-2023
3	Mohd Ismail	Work Shop	Composite Materials and 3D Printing	MRC Hyderabad	13-07-2023 to 15-07-2023

# 7.3 Awards/ Rewards

S. No	Student Name	Name of the Event	Торіс	Venue	Date	Award/ reward
1	Syed Ahmed	A National Level Technical Symposium	Technical Quiz	JCT College of Engineering & Technology, Pichanur, Coimbatore 641105, TamilNadu, India	27-04-2023	Second
2	Shaik Arbaaz	MECH ZEAL- 2K23	Cad modeling	Velalar College of Engg. & Tech. Chennai-TD	24-02-2023	Second

"Department of Mechanical Engineering strives for the holistic development of the students, Focus is laid on the growth of Life Skills along with exposing them to the latest technologies."

