

VOL. 4 ISSUE. 2  
2022  
(JUN 2022 TO DEC 2022)



**S. N. PATEL INSTITUTE OF TECHNOLOGY  
& RESEARCH CENTRE,  
UMRAKH**

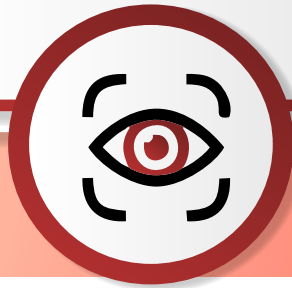
Managed By Vidyabharti Trust, Umrakh-Bardoli  
(AICTE Approved & Affiliated with GTU)

**MECHANICAL  
ENGINEERING**

# INSTITUTE VISION & MISSION

## VISION

To be recognized as a peer technical and research institution by facilitating transformation of students into ethical citizens and competent technocrats to meet the growing technological and socio-economic needs.



## MISSION

- 1 To provide high quality, innovative and competitive learning experience through creative balance of academic and extracurricular programs in collaboration with other academic and research institutions as well as government bodies.
- 2 Enable students to develop skills to solve complex technological problems of current era through industry-academia interaction and mould themselves as future leaders.
- 3 To synergize the students, staff, society and industries by developing competency, employability, entrepreneurship and research skills.
- 4 To promote new ideas, research and consultancy services for industrial and societal needs.



## VISION

To be a centre of quality technical education in the field of mechanical engineering leading to competent technocrats with ethical values through state-of-the-art teaching and research methodology.



## MISSION

- 1 To impart undergraduates quality technical education along with sound technical communication skill.
- 2 To provide the quality infrastructure, tools and teaching-learning environment.
- 3 To inculcate qualities of leadership, teamwork and entrepreneurship with professionalism and ethical values.
- 4 To bridge students with industries and research organizations so as to increase placement or higher studies preferences amongst the graduates.



# DEPARTMENT VISION & MISSION

# MERITORIOUS STUDENTS

## WINTER 2021 GTU EXAMINATION

<b>Semester 1</b>	<b>Semester 1</b>		
	<b>Enrolment No</b>	<b>Name</b>	<b>SPI</b>
	200490119037	SANJAY B KUSHWAHA	8.58
	210490119011	ABHISHEK R RAJPUT	8.32
210490119030	ANSH B PATEL	8.32	

<b>Semester 3</b>			<b>Semester 3</b>
<b>Enrolment No</b>	<b>Name</b>	<b>SPI</b>	
200490119019	HARSH C PANCHAL	9.2	
200490119011	DHAVAL K PARMAR	8.04	
200490119034	KRISHNA D RAJPUROHIT	7.96	

<b>Semester 5</b>	<b>Semester 5</b>		
	<b>Enrolment No</b>	<b>Name</b>	<b>SPI</b>
	190490119032	DHARMIN V PATEL	8.39
	190490119037	JEEL S PATEL	8.26
190490119054	KEVAL M TANDEL	8.13	

<b>Semester 7</b>			<b>Semester 7</b>
<b>Enrolment No</b>	<b>Name</b>	<b>SPI</b>	
180490119046	FENIL I THUMMAR	9.33	
180490119014	ALKA A GAMIT	9.13	
180490119040	SUFIYAN M SAIYAD	8.96	

# Activities

## Industrial Visit

### at "BHARKADEV I ICE-CREAM FACTORY"

Organized by

### Training & Placement Cell and Mechanical Engineering Department, SNPIT & RC, Umrakh

Ø OBJECTIVES OF THE VISIT: The visit was focused on the subject like manufacturing processes and organisation behaviour as the factory had their unit which include manufacturing, inventory and delivering their products at various locations in PAN India.





# Activities

## Industrial Visit

### at "JAY METAL TECH"

Organized by

### Training & Placement Cell and Mechanical Engineering Department, SNPIT & RC, Umrakh

**OBJECTIVES OF THE VISIT:** Mechanical Engineering Department of S.N.P.I.T. & R.C., Umrakh arranged an industrial visit to Jay Metal Tech Surat, Gujarat, India on 13th October 2022 with 47 students of 3rd year Mechanical Engineering. The purpose of the visit was to enhance industrial exposure of the students, get practical knowledge of manufacturing procedure of various products made by casting processes and related with other advanced machineries. The team of two faculty coordinators Prof. Hitesh Tailor and Prof. Akash Vyas took part in prestigious industrial visit.



# Activities Workshop

## “Advanced Manufacturing processes and NDT”

### Objective

The main objective of this workshop is to impart the technical knowledge and practical experience about advanced manufacturing process such as Machining on vertical milling center, Welding through TIG and MIG welding apparatus, casting process as well as some of the non-destructive methods for testing the quality of weld.

Students were able to understand the significance of the advanced machining and welding process and its appropriate utilization in industries. Students would be able to have a hands-on experience to operate VMC. Students could also visualize the defects occurring during casting and welding process and study the process of detection through NDT.





# STUDENT ACHIEVEMENTS

**Mahajan Sumit Babu**  
has successfully completed the certified  
training programme of AutoCAD and Solid Work”.



**Chaudhari Savankumar Ravindrabhai** has  
successfully completed the certified training programme  
of AutoCAD and Solid Work”.



**1.PATEL MAYANKKUMAR NAGINBHAI** has successfully completed  
the certified training programme of  
“**CNC LATH OPERATOR**” Organized by CIPET, NAVSARI  
under Vanbandhu Kalyan Yojana (Gov. of .Gujarat)  
from 11/07/2022 to 10/10/2022.



# Placement

## Mechanical Engineering

### SHISH INDUSTRIES LTD. SURAT

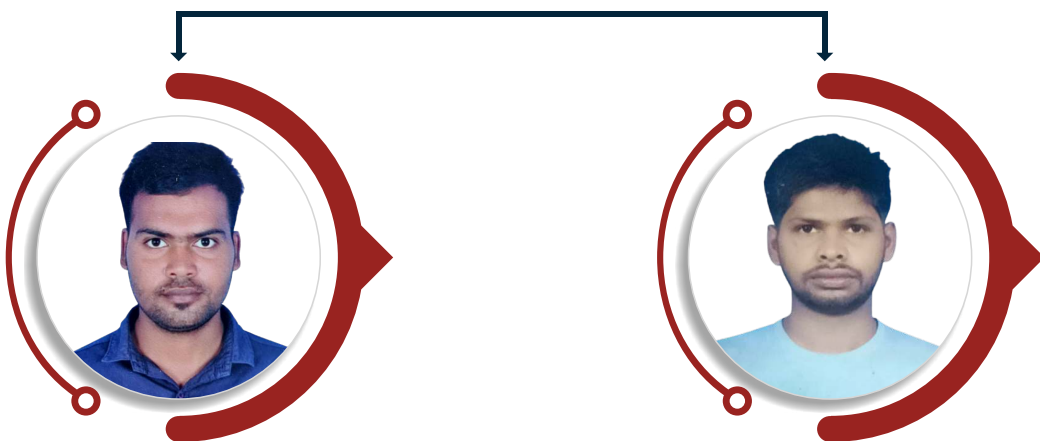


**Bhautik J. Khasiya**

**Sumit B. Mahajan**

**Chaitanya D. Chaudhary**

### VRINDAVAN INDUSTRIES



**Pravin S. Gupta**

**Vikas H. Prajapati**

### HARON RESEARCH CENTER SURAT



**Parth J. Vyas**

### ARG EQUIPMENTS PVT LTD, WEST AFRICA.



**Mit P. Majithiya**



# FACULTY ASSETS OF MECHANICAL ENGINEERING DEPARTMENT

Name	Qualification	Designation
Dr. Piyush S. Jain	Ph.D.	Principal & Professor
Dr. Arif M. Varsi	Ph.D.	Head & Assistant Professor
Dr. Shakil A. Kagzi	Ph.D.	Associate Professor
Dr. Hitesh S. Jariwala	Ph.D.	Assistant Professor
Dr. Nirav M. Patel	Ph.D.	Assistant Professor
Prof. Vishal Z. Dhimmar	Ph.D.(Pursuing)	Assistant Professor
Prof. Milan R. Patel	Ph.D.(Pursuing)	Assistant Professor
Prof. Priyank P. Dave	Ph.D.(Pursuing)	Assistant Professor
Prof. Hitesh A. Tailor	M. Tech.	Assistant Professor
Prof. Hiren B. Tamboli	M. Tech.	Assistant Professor
Prof. Rinkesh B. Patel	M. Tech.	Assistant Professor
Prof. Nilesh V. Rana	M.E.	Assistant Professor
Prof. Vivek B. Bhagat	M. Tech.	Assistant Professor
Prof. Mayank B. Parmar	M.E.	Assistant Professor
Prof. Rikesh B. Prajapati	M. Tech.	Assistant Professor
Prof. Pragnan M. Lad	M. Tech.	Assistant Professor
Prof. Akash A. Vyas	Ph.D.(Pursuing)	Assistant Professor
Ms. Bijal N. Vyas	Diploma	Lab Assistant
Mr. Ritesh A. Desai	Diploma	Lab Assistant
Mr. Hardip D. Patel	I.T.I	Fitter
Mr. Ajay I. Patel	I.T.I	W/s instructor
Mr. Kanti M. Parmar	I.T.I	W/s instructor



**S. N. PATEL INSTITUTE OF TECHNOLOGY  
& RESEARCH CENTRE,  
UMRAKH**

**Managed By Vidyabharti Trust, Umrakh-Bardoli  
(AICTE Approved & Affiliated with GTU)**

**MECHANICAL  
ENGINEERING**

