

## Organizing Committee

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Mrs. Sabiha Farzana , Secretary, MEWS

### Patron

Mr. K.M. Fasihuddin, Director, GPC

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Dr. K Sivalingam , Principal GIET

### Convenor

Mr. Aamer Sohail

Head -Dept. of Mech. Engg, GIET

### Coordinator

Mr. P Padmarao

Asst. Prof., Dept. of Mech. Engg.

## Advisory Committee

Dr. KVR Murthy,

Professor, Dept. of Mech. Engg.

Mr. Syed MustafKhadri,

Asst. Prof.,Dept.of Mech.Engg

Mr. Md. Quammer Hassan,

Asst. Prof., Dept. of Mech. Engg

Mr. G Satyanarayana,

Asst.Prof., Dept.of Mech. Engg

Mrs. K Durga,

Asst. Prof., Dept. of Mech. Engg

Mr. Md. Atharuddin,

Asst. Prof., Dept. of Mech. Engg

## About the Organization

Global Institute of Engineering & Technology (GIET) established in the year 2006, nurtures & supports a unique system of education structure in values and combines the tenets of academic excellence with corporate professionalism. The primary objective at Global Institute of Engineering & Technology is to impart quality education which leads to quality living. Affiliated to JNTU Hyderabad, the college has completed more than a decade of dedicated service to the people of India in the field of Technical Education. Located at Moinabad, in a sprawling campus spread over 30 acres of lush green environment provides an ambient study atmosphere.

### Vision

To produce technologically skilled Engineers of world class competency to address global challenges.

### Mission

1:- To offer quality education for social upliftment that is affordable and accessible to all and in particular to rural students.

2:- To provide academic freedom, generate, disseminate and preserve knowledge with interdisciplinary approach in order to meet advanced industrial standards.

3:- To enable students to master innovative methodologies for research and skills required to become an entrepreneur.

4:- To emphasize on human values, professional ethics, social responsibility and environmental sustainability.

## A Three-Day Workshop

on

## “Research Methodologies: Module-I”

20<sup>th</sup> - 22<sup>nd</sup> June 2022

### Organized by

Department of Mechanical Engineering



### Coordinator

Mr. P Padmarao



(Approved by AICTE, New Delhi, Affiliated to JNTU, Hyderabad, recognized under UGC 2(f))  
Survey No. 179, Chilkur (V), Moinabad (M),  
Ranga Reddy (D), Telangana-501504

Email: [principal.giet.u6@gmail.com](mailto:principal.giet.u6@gmail.com)

Website: [www.globalhyd.edu.in](http://www.globalhyd.edu.in)



### About the Department:

The future of the world is going to be technology driven and knowledge driven. The Mechanical Engineering Department at GIET has the most modern infrastructure to undertake high-end teaching, research and developmental activities in its laboratories like fluid Mechanics, Hydraulic Machinery Lab, Metallurgy and Metrology lab, Production Engineering lab, Heat Transfer lab, Thermal Engineering lab, Workshop Technology lab, CAD-CAM lab etc., besides highly experienced faculty. The department of Mechanical Engineering will lead broadest areas from cars to computers, from microchips to motorways including surgical robotic systems.

The faculty as well as the student community of this department are encouraged and motivated by the Head and the Management to attend workshops, seminars and conduct the same at the campus in order to keep pace with the fast moving competitive world advancing towards excellence.

### About the Workshop:

Workshops are especially important in adapting faculty members and students to their changing roles in initiating, setting the directions for curricular changes and research idea developments. The major focus of the workshop is on upgrading research skills of faculty members and students. This workshop is intended to provide opportunity for teaching faculties employed in for teaching and upgrading their knowledge in research methodologies.

### Learning Outcomes

Upon completion of this programme the participant will be able to:

- Get benefitted with the awareness on meaning of research and types of research.
- Write objective and scope of the research.
- Identify the problem and carryout the literature survey.
- Formulate the Hypothesis.
- Design and analyze the research.
- Write and publish a Paper.



### A Three-Day Workshop on “Research Methodologies: Module-I” 20<sup>th</sup> - 22<sup>nd</sup> June 2022

### REGISTRATION FORM

#### Eligibility

All the students, faculty members of Mechanical engineering and allied branches of engineering colleges.

#### Registration Details

- Registration Fee: Free
- Last Date: 18<sup>th</sup> June 2022
- The number of seats is limited
- Participants are selected on first come first serve basis and accepted participants list will be updated in website after last date.

Link for Registration:

<https://forms.gle/7dIP2jfMhqmqKuqr>

#### For Further Details

Mr. P Padmarao  
Coordinator-Workshop  
Email: [giet.mermm1@gmail.com](mailto:giet.mermm1@gmail.com)  
Mob: 9912353165



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JNTUH Code (U6) ECE – CSM – CSE - CIVIL – ME – MBA - M.Tech EAMCET Code(GLOB)

**Department of Mechanical Engineering**

**Mr. Aamer Sohail**

B.Tech., M.Tech.

**Associate Professor & Head**

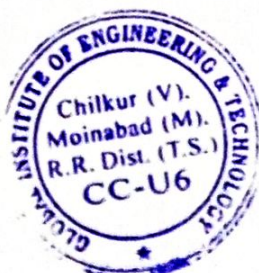
Date: 16/06/2022

## CIRCULAR

The Department of Mechanical Engineering is hosting for “**Research Methodologies- Module-I**” for the faculties and III Year II Semester Students of ME Department in ME Smart Classroom from 20<sup>th</sup> June 2022 to 22<sup>nd</sup> June 2022. All the faculties and Students are hereby informed to register for the Workshop on or before 18<sup>th</sup> June 2022. The Coordinator for the Workshop is Mr. P Padmarao, Assistant Professor, Department of ME.

Cc to:  
Principal  
Coordinator IQAC  
Mentors  
Training & Placement Cell  
Notice board  
File

  
**HEAD**  
**Department of Mechanical Engg.**  
**Global Institute of Engineering & Technology**  
Chilkur (V), Moinabad (M), R.R. Dist. T.S. - 501504







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## Department of Mechanical Engineering

### A Three Day Workshop On Research Methodologies: Module-I

(20<sup>th</sup>–22<sup>nd</sup> June, 2022)  
**PROGRAMME SCHEDULE**

	TIME	SESSION	SPEAKER
Day 1	9:30 AM - 10:00 AM	Inauguration	Mr. P Padmarao Asst. Prof.Dept of ME,GIET
	10:00 AM - 10:15 AM	Introduction of Workshop Introduction of Resource Persons	Mr. P Padmarao Asst. Prof.Dept of ME,GIET
	10:15 AM – 11:00 AM	Introduction to Research Methodology	Dr. Naseeb Khan Professor, SCET
	11:00 AM - 11:30 AM	HIGH TEA	
	11:30 AM - 01:00 PM	Computer and its role in research, Use of statistical software SPSS, GRETL in research.	Dr. Naseeb Khan Professor, SCET
	01:00 PM - 02:00 PM	LUNCH BREAK	
	02:00 PM - 03:30 PM	Ethics-ethical issues, ethical committees. Scholarly publishing- IMRAD concept and design of research paper, citation and acknowledgement.	Dr. Naseeb Khan Professor, SCET
Day 2			
	09:30 AM - 11:00 AM	Plagiarism, reproducibility and accountability, Meaning of Interpretation,	Dr. P S Rao Professor, VCE
	11:00 AM - 11:15 AM	TEA BREAK	
	11:15 AM - 01:00 PM	Technique of Interpretation, Precaution in Interpretation, Significance of Report Writing	Dr. P S Rao Professor, VCE
	01:00 PM - 02:00 PM	LUNCH BREAK	
	02:00 PM - 03:30 PM	Different Steps in Writing Report, Layout of the Research Report	Dr. P S Rao Professor, VCE
Day 3			
	09:30 AM - 11:00 AM	Types of Reports, Oral Presentation, Mechanics of Writing a Research Report	Dr. K. Dargaiah Retd. Scientist, BHEL
	11:00 AM - 11:15 AM	TEA BREAK	
	11:15 AM - 01:00 PM	Precautions for Writing Research Reports, Conclusions.Interaction Session & Doubt Clarification	Dr. K. Dargaiah Retd. Scientist, BHEL
	01:00 PM - 02:00 PM	LUNCH BREAK	
	02:00 PM - 03:30 PM	Valedictory, Feedback and Certificate Distribution	Mr.P Padmarao Asst. Prof.Dept of ME,GIET

Mr.P Padmarao  
Coordinator  
Assistant Professor  
Department of ME





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**Department of Mechanical Engineering**

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on

**Research Methodologies-Module-I**  
(20<sup>th</sup> -22<sup>nd</sup> June, 2022)

**REGISTRATION FORM**

(Please Fill in CAPITAL LETTERS)

Name : Vidit kumar  
Designation : Student  
Department : Mechanical engineering  
E-mail : vidit.giet@gmail.com  
Phone No : 77858915

Vidit  
Signature of Participant

✓  
Approved/ Not Approved

For Office use only

[Signature]  
Signature of Coordinator



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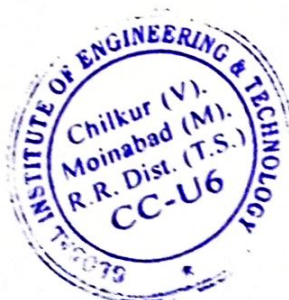
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On  
Research Methodologies: Module-I  
(20<sup>th</sup>-22<sup>nd</sup> June, 2022)

**FACULTY- LIST OF PARTICIPANTS**

S.NO	NAME OF THE FACULTY	DESIGNATION
1	Mr. Aamer Sohail	Associate Professor & Head of the Department
2	Dr. KVR Murthy	Professor
3	Mr. Syed Mustaf Khadri	Assistant Professor
4	Mr. P Padmarao	Assistant Professor
5	Mr. Atharuddin Mohammed	Assistant Professor
6	Mrs. K Durga	Assistant Professor
7	Mr. G Satyanarayana	Assistant Professor
8	Mr. Md Quammer Hassan	Assistant Professor

  
Coordinator



  
Head  
Department of Mechanical Engg.  
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**Department of Mechanical Engineering**

A Three Day Workshop

On

Research Methodologies: Module-I

(20<sup>th</sup>-22<sup>nd</sup> June, 2022)

**STUDENT- LIST OF PARTICIPANTS**

SL.NO	ROLL NO.	Name of the student	YEAR
1	18H11A0309	SARIFUL AHMED	III
2	18U61A0305	MD ABULAISH	III
3	18U61A0308	MD ASIF	III
4	18U61A0321	GODHA HEMANTH KUMAR	III
5	18U61A0322	AHMAR NASIM	III
6	19U61A0301	UDIT KUMAR	III
7	19U61A0302	MOHAMMED NAVEED	III
8	19U61A0303	MD SAIF ALI KHAN	III
9	19U61A0305	MOHAMMED MIRZA	III
10	20U65A0301	BALKI SAI KIRAN	III
11	20U65A0302	BOLLEWAR LAXMAN	III
12	20U65A0303	BUSANAGARI	III
13	20U65A0304	CHAKALI GOPAL	III
14	20U65A0305	CHERLAGUDEM ARUN	III
15	20U65A0306	DHIRAVATH AVINASH	III
16	20U65A0307	JONNALA RITHVIK	III
17	20U65A0308	K. JACOB RAJ KURMIDDA	III
18	20U65A0309	KANAPURAM SHRAVANI	III
19	20U65A0310	KETHAVATH RAJU NAYAK	III
20	20U65A0311	KUNCHALA MANOJ	III
21	20U65A0312	MD FAIZ ARSHAD	III
22	20U65A0313	MEMUGANTI SURESH	III
23	20U65A0314	MOHAMMED UMAIR	III
24	20U65A0315	MOHD MINHAI KHAN	III
25	20U65A0316	R. BRINDA	III
26	20U65A0317	SWALOLU TAYAPPA	III
27	20U65A0318	THAMALI SAI KUMAR	III
28	20U65A0319	N. SAI YADAV	III
29	20U65A0320	SYED AFFAN	III

*[Signature]*



*[Signature]*  
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**Department of Mechanical Engineering**

**A Three Day Workshop on  
Research Methodologies: Module-I  
(20<sup>th</sup>-22<sup>nd</sup> June, 2022)**

**FACULTY ATTENDANCE SHEET**

S.No	Name of the Participant	Dept.	Designation	Signature					
				Day-1 (20/06/2022)		Day-2 (21/06/2022)		Day-3 (22/06/2022)	
				FN	AN	FN	AN	FN	AN
1.	Mr. Aamer Sohail	ME	Associate Professor & Head						
2	Dr. KVR Murthy	ME	Professor						
3	Mr. Syed Mustaf Khadri	ME	Assistant Professor						
4	Mr. P Padmarao	ME	Assistant Professor						
5	Mr. Atharuddin Mohammed	ME	Assistant Professor						
6	Mrs. K Durga	ME	Assistant Professor						
7	Mr. G Satyanarayana	ME	Assistant Professor						
8	Mr. Md Quammer Hassan	ME	Assistant Professor						

Coordinator

HEAD  
Department of Mechanical Engg.  
Head of the Department  
Global Institute of Engineering & Technology  
Chilkur (V), Moinabad (M), R.R. Dist T.S.-501504

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Global Institute of Engg. & Tech  
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## Department of Mechanical Engineering

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on

### Research Methodologies: Module-I

(20<sup>th</sup>-22<sup>nd</sup> June, 2022)

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				FN	AN	FN	AN	FN	AN
1	SARIFUL AHMED	B.Tech	III	<i>Shif</i>	<i>Shif</i>	<i>Shif</i>	<i>Shif</i>	<i>Shif</i>	<i>Shif</i>
2	MD ABULAISH	B.Tech	III	<i>Ab</i>	<i>Ab</i>	<i>Ab</i>	<i>Ab</i>	<i>Ab</i>	<i>Ab</i>
3	MD ASIF	B.Tech	III	<i>Asf</i>	<i>Asf</i>	<i>Asf</i>	<i>Asf</i>	<i>Asf</i>	<i>Asf</i>
4	GODHA HEMANTH KUMAR	B.Tech	III	<i>Hemant</i>	<i>Hemant</i>	<i>Hemant</i>	<i>Hemant</i>	<i>Hemant</i>	<i>Hemant</i>
5	AHMAR NASIM	B.Tech	III	<i>Nasim</i>	<i>Nasim</i>	<i>Nasim</i>	<i>Nasim</i>	<i>Nasim</i>	<i>Nasim</i>
6	UDIT KUMAR	B.Tech	III	<i>Udit</i>	<i>Udit</i>	<i>Udit</i>	<i>Udit</i>	<i>Udit</i>	<i>Udit</i>
7	MOHAMMED NAVEED OSMANI	B.Tech	III	<i>Naveed</i>	<i>Naveed</i>	<i>Naveed</i>	<i>Naveed</i>	<i>Naveed</i>	<i>Naveed</i>

*[Signature]*  
Coordinator

*[Signature]*  
HEAD  
Department of Mechanical Engg.  
Global Institute of Engineering & Technology  
Chilkur (V), Moinabad (M)

*[Signature]*  
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Chilkur (V), Moinabad (M)





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**(20<sup>th</sup>-22<sup>nd</sup> June, 2022)**

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				FN	AN	FN	AN	FN	AN
8	MD SAIF ALI KHAN	B.Tech	III	<i>MD Saif Ali Khan</i>	<i>MD Saif Ali Khan</i>	<i>MD Saif Ali Khan</i>	<i>MD Saif Ali Khan</i>	<i>MD Saif Ali Khan</i>	<i>MD Saif Ali Khan</i>
9	MOHAMMED MIRZA AREEB BAIG	B.Tech	III	<i>Mirza Areeb Baig</i>	<i>Mirza Areeb Baig</i>	<i>Mirza Areeb Baig</i>	<i>Mirza Areeb Baig</i>	<i>Mirza Areeb Baig</i>	<i>Mirza Areeb Baig</i>
10	BALKI SAI KIRAN	B.Tech	III	<i>Balki Sai Kiran</i>	<i>Balki Sai Kiran</i>	<i>Balki Sai Kiran</i>	<i>Balki Sai Kiran</i>	<i>Balki Sai Kiran</i>	<i>Balki Sai Kiran</i>
11	BOLLEWAR LAXMAN	B.Tech	III	<i>Laxman Bollewar</i>	<i>Laxman Bollewar</i>	<i>Laxman Bollewar</i>	<i>Laxman Bollewar</i>	<i>Laxman Bollewar</i>	<i>Laxman Bollewar</i>
12	BUSANAGARI GOVARDHAN REDDY	B.Tech	III	<i>Govardhan Reddy</i>	<i>Govardhan Reddy</i>	<i>Govardhan Reddy</i>	<i>Govardhan Reddy</i>	<i>Govardhan Reddy</i>	<i>Govardhan Reddy</i>
13	CHAKALI GOPAL	B.Tech	III	<i>Gopal Chakali</i>	<i>Gopal Chakali</i>	<i>Gopal Chakali</i>	<i>Gopal Chakali</i>	<i>Gopal Chakali</i>	<i>Gopal Chakali</i>
14	CHERLAGUDEM ARUN KUMAR	B.Tech	III	<i>Arun Kumar Cherlagudem</i>	<i>Arun Kumar Cherlagudem</i>	<i>Arun Kumar Cherlagudem</i>	<i>Arun Kumar Cherlagudem</i>	<i>Arun Kumar Cherlagudem</i>	<i>Arun Kumar Cherlagudem</i>

*[Signature]*  
Coordinator

*[Signature]*  
HEAD  
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				FN	AN	FN	AN	FN	AN
15	DHIRAVATH AVINASH	B.Tech	III						
16	JONNALA RITHVIK	B.Tech	III						
17	K. JACOB RAJ KURMIDDA	B.Tech	III						
18	KANAPURAM SHRAVANI	B.Tech	III						
19	KETHAVATH RAJU NAYAK	B.Tech	III						
20	KUNCHALA MANOJ	B.Tech	III						
21	MD FAIZ ARSHAD	B.Tech	III						

Coordinator

Head of the Department  
Department of Mechanical Engg.  
Global Institute of Engineering & Technology  
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				FN	AN	FN	AN	FN	AN
22	MEMUGANTI SURESH	B.Tech	III	<i>Suresh</i>	<i>Suresh</i>	<i>Suresh</i>	<i>Suresh</i>	<i>Suresh</i>	<i>Suresh</i>
23	MOHAMMED UMAIR ABDUL RAHMAN	B.Tech	III	<i>Umar</i>	<i>Umar</i>	<i>Umar</i>	<i>Umar</i>	<i>Umar</i>	<i>Umar</i>
24	MOHD MINHAJ KHAN	B.Tech	III	<i>Minhaj</i>	<i>Minhaj</i>	<i>Minhaj</i>	<i>Minhaj</i>	<i>Minhaj</i>	<i>Minhaj</i>
25	R. BRINDA	B.Tech	III	<i>Brinda</i>	<i>Brinda</i>	<i>Brinda</i>	<i>Brinda</i>	<i>Brinda</i>	<i>Brinda</i>
26	SWALOLU TAYAPPA	B.Tech	III	<i>Tayappa</i>	<i>Tayappa</i>	<i>Tayappa</i>	<i>Tayappa</i>	<i>Tayappa</i>	<i>Tayappa</i>
27	THAMALI SAI KUMAR	B.Tech	III	<i>Sai</i>	<i>Sai</i>	<i>Sai</i>	<i>Sai</i>	<i>Sai</i>	<i>Sai</i>
28	N. SAI YADAV	B.Tech	III	<i>Sai</i>	<i>Sai</i>	<i>Sai</i>	<i>Sai</i>	<i>Sai</i>	<i>Sai</i>
29	SYED AFFAN	B.Tech	III	<i>Affan</i>	<i>Affan</i>	<i>Affan</i>	<i>Affan</i>	<i>Affan</i>	<i>Affan</i>

*[Signature]*  
Coordinator

*[Signature]*  
HEAD  
Department of Mechanical Engg.  
Global Institute of Engineering & Technology  
Chilkur (V), Moinabad (M), R.R. Dist. T.S. - 501504

*[Signature]*  
PRINCIPAL  
Global Institute of Engg. & Tec  
Chilkur (V), Moinabad (M)





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JNTUH Code (U6) ECE – EEE – CSE - CIVIL – ME – MBA - M.Tech EAMCETCode(GLOB)  
**Department of Mechanical Engineering**

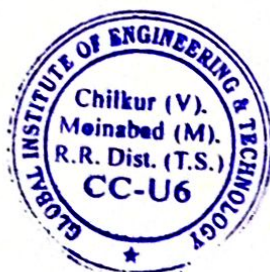
**A Three Day workshop  
On  
Research Methodologies - Module-I  
(20<sup>th</sup> – 22<sup>nd</sup> June, 2022)  
FEEDBACK FORM**

Please valuate your rating of the course by placing a tick in the appropriate box.  
1. Poor 2. Satisfactory 3. Good 4. Very good 5. Excellent

Branch :

Date:

ASPECTS	RATING				
	Excellent 5	Very good 4	Good 3	Satisfactory 2	Poor 1
Relevance of contents	✓				
Trainer was knowledgeable and skillful		✓			
Quality of input provided	✓				
Quality of presentations		✓			
Adherence to the time schedule	✓				
Opportunity given to participant to clear doubts	✓				
Identify ways to build on current skills and knowledge	✓				
Overall learning experience	✓				
How has the course enhanced your skills or understanding of this topic?					
excellent					
Specify problems faced by you during the course?					
No Problem					





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## Department of Mechanical Engineering

### REPORT ON RESEARCH METHODOLOGIES WORKSHOP (Module-I)

Department of Mechanical Engineering has organised a Three day workshop on Research Methodologies (Module-I) for the faculty members of ME Department and Students of ME III-II from 20<sup>th</sup> to 22<sup>nd</sup> June 2022.

#### DAY-1:

First day started at 9:30am with an inauguration ceremony done by Mr. P Padmarao, Assistant Professor, Dept of ME, and introduction of the workshop was given by him.

Later, Dr. Naseeb Khan, Professor, SCET has given an Introduction to Research Methodology from 10:15 to 11:00am, followed by tea break.

Later, sir explained about computer and its role in research, use of statistical software SPSS, GRETL, etc, in research.

After lunch break, sir discussed about ethics, ethical issues, ethical committees, scholarly publishing –IMRAD concept and designing a paper.

#### DAY-2:

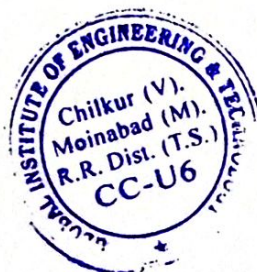
Second day session got started at 9:30am by the speaker Dr. P S Rao, Professor, VCE who discussed about Plagiarism, Reproducibility and Accountability, meaning of Interpretation which was followed by a tea break.

At 11:15am sir resumed the session by discussing about Technique of Interpretation and Precaution in Interpretation and also about significance of Report Writing.

After lunch, sir discussed about different steps in writing a Report and Layout of the Research Report.

#### DAY-3:

Third day session got started at 9:30am by the speaker Dr. K. Dargaiah, Retd. Scientist, BHEL who explained about Types of Reports, Mechanics of writing a Research Report till 11:00am, followed by a tea break.



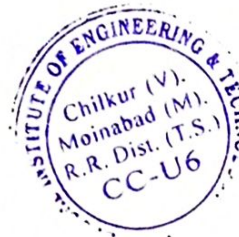


Then Sir discussed about precautions for writing a Research Report and provided the conclusion of the workshop, followed by an interaction session and doubts clarification session.

After lunch, Valedictory session was held which was followed by collecting feedback from the participants. Then the certificates were given to the participants.



Dr. Naseeb Khan delivering his lecture on Introduction to Research methodology



*P*  
P Padmarao  
Coordinator  
Assistant Professor  
Department of ME



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**A Three Day Workshop**  
**on**  
**RESEARCH METHODOLOGIES**  
**Module-I**  
**(20<sup>th</sup> June – 22<sup>nd</sup> June 2022)**

**CERTIFICATE OF PARTICIPATION**

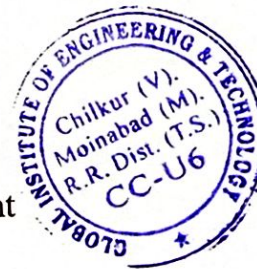
This is to certify that Ms./Mr. **UDIT KUMAR** bearing Roll number **19U61A0301** of Mechanical Engineering Department has attended a Three Day Workshop on **Research Methodologies-(Module-I)** held from **20<sup>th</sup> June – 22<sup>nd</sup> June 2022** conducted by Department of Mechanical Engineering Global Institute of Engineering and Technology.

  
Co Ordinator

**Mr. P Padmarao**

  
Head of the Department

**Mr. Aamer Sohail**



  
Principal

**Dr. E. Mohan**





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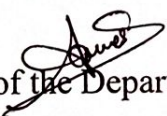
**A Three Day Workshop**  
**on**  
**RESEARCH METHODOLOGIES**  
**Module-I**  
**(20<sup>th</sup> June – 22<sup>nd</sup> June 2022)**

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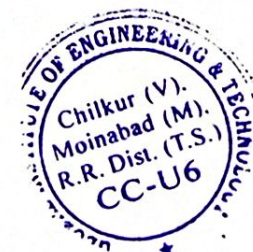
This is to certify that **Mr. G Satyanarayana**, Assistant Professor, Department of Mechanical Engineering has attended a Three Day Workshop on **Research Methodologies-(Module-I)** held from **20<sup>th</sup> June – 22<sup>nd</sup> June 2022** conducted by Department of Mechanical Engineering, Global Institute of Engineering and Technology.

  
Co Ordinator

**Mr. P Padmarao**

  
Head of the Department

**Mr. Aamer Sohail**



  
Principal

**Dr. E. Mohan**