



B.L.D.E.A's

**Vachana Pitamaha Dr. P.G. Halakatti College of Engineering & Technology,
Vijayapur-586 103.**

**A Report for
Guest Lecture**

On

“Basics of Research Methodology & Quality Outcome with a Case Study”

Organized by

Department of Mechanical Engineering

in association with

Institute R&D Cell and Institute Innovation council (IIC) On

29 – 09–2023

Coordinators:

HoD

Dr. R.N.Jeergal

Department of Mechanical Engineering

**Guest Lecture
On
“Basics of Research Methodology & Quality Outcome with a Case Study”**

Background and Need

The main objective of this guest lecture is to enhance awareness about research. This guest lecture encompasses the way in which you intend to carry out your research.

Contents of Guest Lecture

- Importance of research
- Short and long term plan
- Literature review
- Fundamental Courses
- Lab Development
- Selecting Appropriate Journal
- Writing research paper
- Writing skills and plagiarism

Target Participants

- Faculty

- Number of participants participated: 30

Name of the Resource Person

Dr. Ranjit S. Patil

Associate Professor

Department of Mechanical Engineering

BITS PILANI

KK Birla Goa Campus

Details of Resource Person

Name	Institute	Education
Dr. Ranjit S. Patil	BITS PILANI KK Birla Goa Campus	PhD (Energy) IIT Guwahati, Post-Doctorate (Energy and Process Heat Transfer_Multiphase Flow) at ENEA (Nuclear) Research Centre Italy

- Dr. Ranjit S Patil did PhD (Energy) at IIT Guwahati and worked on Circulating Fluidized Bed Heat Exchangers.
- He worked as Post Doctoral fellow researcher at ENEA Nuclear Research Centre Italy.
- He did research in the area of Energy & Process Heat Transfer in Two Phase Flow domain of Microtubes at ENEA.
- During the tenure of research work related to ENEA Italy, he has visited to France (Paris), Austria, Hungary, Switzerland.

- He has published his research work in the reputed Book chapters, and Journals published by Elsevier, Taylor & Francis, ASME, IMechE, Springer, Physics of Fluids
- He is recipient of INSA Visiting Scientist Fellowship award (2014-15) by Government of India and worked as visiting Scientist in summer 2014 at IIT Guwahati.

Dr. Ranjit S. Patil highlighted following

- What is the importance of research?
- What is literature review and how to carry out it?
- How to apply various funding agencies??
- How to select appropriate journal?
- How to write research paper

Outcome of the Seminar

The participants of the guest lecture will be able to

- How to start research work and what are the various factors to be considered during research and writing paper.

Map POs and PSOs to the Activity

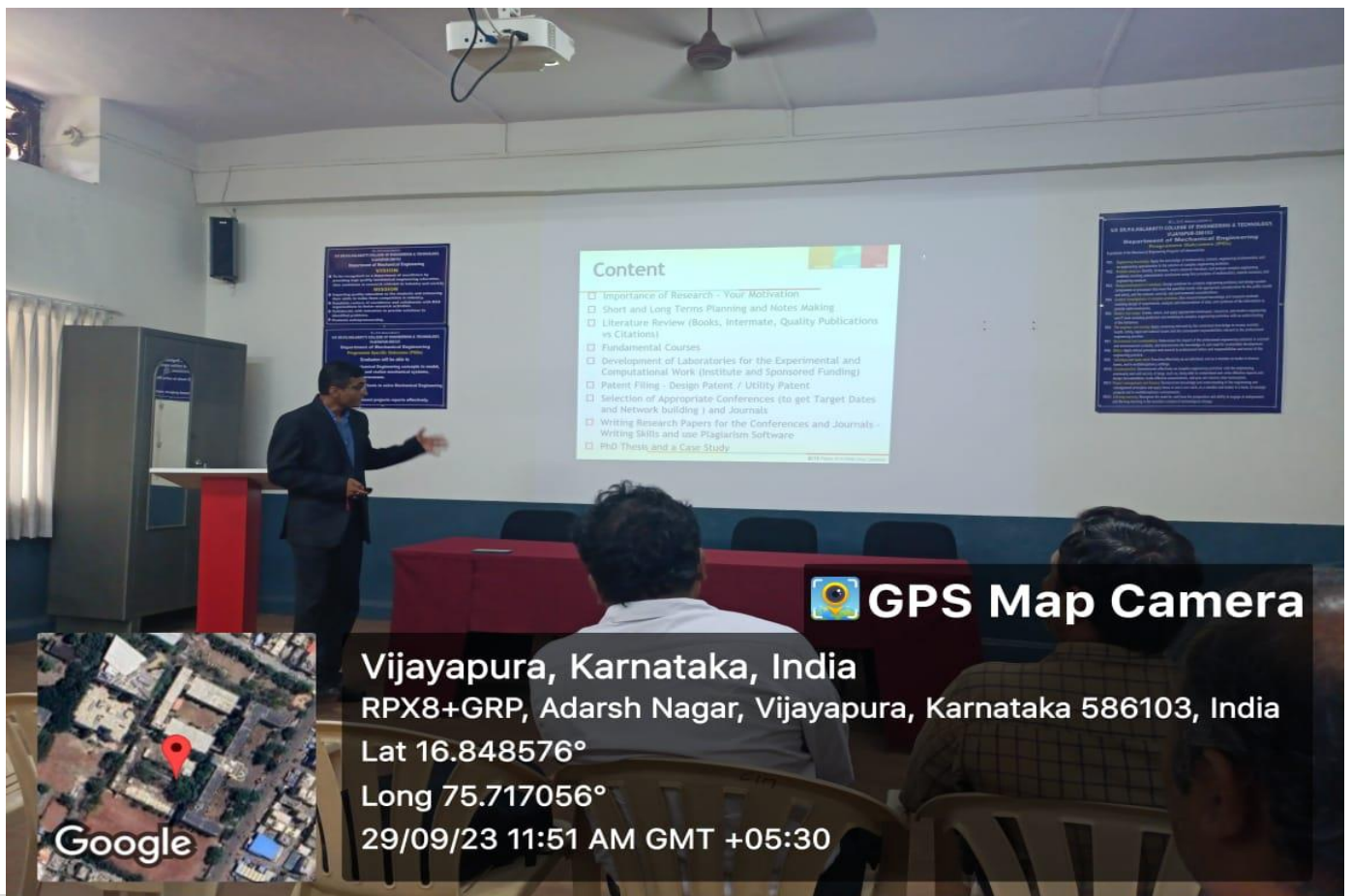
Activity	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3
Seminar	3	-	-	-	-	-	-	3	3	3	3	3	3	-	-

Event Coordinators

Coordinators:

Department of Mechanical Engineering

Snapshots of Event







DEPARTMENT OF MECHANICAL ENGINEERING

Organizes
GUEST LECTURE
on
**"Basics of Research
Methodology & Quality
Outcome with a Case Study"**

in association with Institute R&D Cell

Resource Person:

Dr. RANJIT S. PATIL

Associate Professor
Department of Mechanical Engineering
BITS PILANI
K K BIRLA GOA CAMPUS



29th SEPT., 2023

11:30 AM

Venue

Mech.Dept. Seminar Hall

Head. Mech.Dept.

Principal

Attendance Sheet

B.L.D.E.A's
V.P.Dr.P.G.HALAKATTI COLLEGE OF ENGINEERING &
TECHNOLOGY, VIJAYAPUR


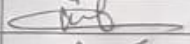
















Department of Mechanical Engineering

A guest lecture on

“Basics of Research Methodology & Quality Outcome with a Case Study”

Date: 29/9/2023

Attendance Sheet

Sr.No.	Name of the Faculty	Signature
1	Q. S. Korumus	
2	V. S. Kanak	
3	A. T. Parth	
4	S. K. Sajjan	
5	Abid. H. Syed	
6	Dr. C. R. Hiremath	
7	S. V. Hiremath	
8	R. S. Ellur	
9	V. V. NAGATHAN	
10	R. S. Kandaguli	
11	I. G. Bhanu	
12	V. C. Niranjan	
13	V. C. Horowitz	
14	M. M. Bachalapur	
15	Ch. Venkata Raju (Ph.D. Scholar)	
16	Dr. R. S. Malladi	
17	S. A. Bistrade	
18	Dr. A. D. Kotagond	

Feedback Sample

BLDEA's
V.P. Dr. P.G.Halakatti College of Engineering and Technology
Vijayapura – 586103

Department Of Mechanical Engineering

Date of Guest Lecture: 29-09-2023

Speaker: Dr. Ranjit S. Patil

TOPIC: "Basics of Research Methodology & Quality Outcome with a Case Study"

Feedback

Question	Not at all (0-1)		Moderately (2-3)		A great Deal(4-5)					
How familiar are you with the topic?	1	<input type="checkbox"/>	2	<input type="checkbox"/>	3	<input type="checkbox"/>	4	<input type="checkbox"/>	5	<input checked="" type="checkbox"/>
To what extent did the speaker explain the importance of the topic?	1	<input type="checkbox"/>	2	<input type="checkbox"/>	3	<input type="checkbox"/>	4	<input type="checkbox"/>	5	<input checked="" type="checkbox"/>
To what extent did this guest lecture discuss attributes required to carry out research?	1	<input type="checkbox"/>	2	<input type="checkbox"/>	3	<input type="checkbox"/>	4	<input type="checkbox"/>	5	<input checked="" type="checkbox"/>
To what extent did the guest lecture emphasize on Research Methodology & Quality Outcome?	1	<input type="checkbox"/>	2	<input type="checkbox"/>	3	<input type="checkbox"/>	4	<input checked="" type="checkbox"/>	5	<input type="checkbox"/>
To what extent did the speaker discuss the significance of topic presented?	1	<input type="checkbox"/>	2	<input type="checkbox"/>	3	<input type="checkbox"/>	4	<input type="checkbox"/>	5	<input checked="" type="checkbox"/>
To what extent did the speaker suggest future directions or next steps needed in this topic?	1	<input type="checkbox"/>	2	<input type="checkbox"/>	3	<input type="checkbox"/>	4	<input checked="" type="checkbox"/>	5	<input type="checkbox"/>

What were the two key points you will take away from this Guest Lecture?/ Any Suggestions

Rating Criteria	Poor		Good		Excellent	
Rate this Guest lecture for overall content	1 <input type="checkbox"/>	2 <input type="checkbox"/>	3 <input type="checkbox"/>	4 <input type="checkbox"/>	5 <input checked="" type="checkbox"/>	
Rate this Guest lecture for quality of presentation	1 <input type="checkbox"/>	2 <input type="checkbox"/>	3 <input type="checkbox"/>	4 <input type="checkbox"/>	5 <input checked="" type="checkbox"/>	

(S.A.B. Sada)

Feedback Sample

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Vijayapura – 586103

Department Of Mechanical Engineering

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[Signature]