



THAMIRABHARANI ENGINEERING COLLEGE
(Approved by AICTE, New Delhi and Affiliated to Anna University, Chennai)
Chathirampudukulam, Chidambaranagar - Vepemkulam Road
Thatchanallur, Tirunelveli 627 358, Tamil Nadu.

2.3.1 Student centric methods, such as experiential learning, participative learning and problem solving methodologies are used for enhancing learning experiences

S.No.	Student Centric methods	Learning Methodology	Page Number
1	Experiential learning	Mini Project	2
		Project	
		Lab Visit/ Demonstration	
		Industrial Visit	
		Science Day Celebration	
2	Participative learning	Quiz by students (using PPT)	10
		Tutorial by Students	
		Copy of Certificates - Conferences/ Seminar/ Webinar attended by Students	
		Group Discussion on Topic	
3	Problem solving learning	Tutorial Problem Solving by Faculty	20
		Aptitude and Programming Training	
		Internship Opportunities	

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EXPERIENTIAL LEARNING

“INDUSTRIAL VISIT”

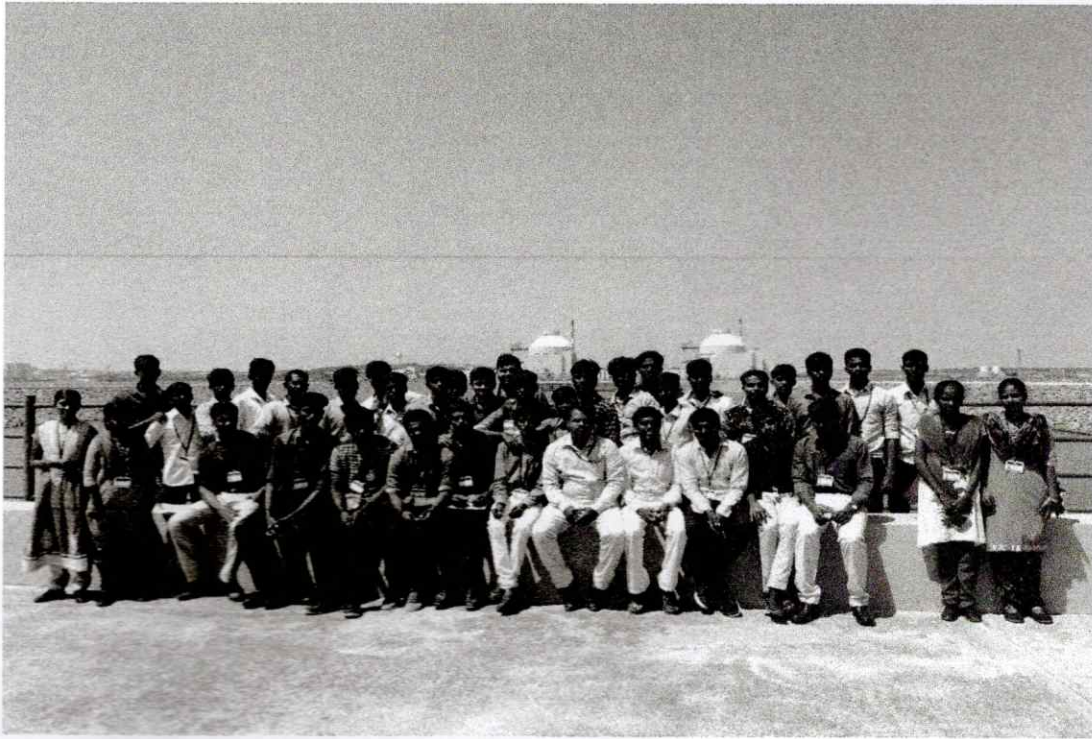


Figure 1: Students industrial visit on Kodankulam Nuclear Power Plant.



Figure 2: Students get knowledge from industrial visit.

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EXPERIENTIAL LEARNING
“LEARNING BY DOING”

EXPERIENTIAL LEARNING
“SCIENCE DAY CELEBRATION”

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Figure 4: Demonstration of laboratory experiments



Figure 5: Laboratory visit for Learning by Doing

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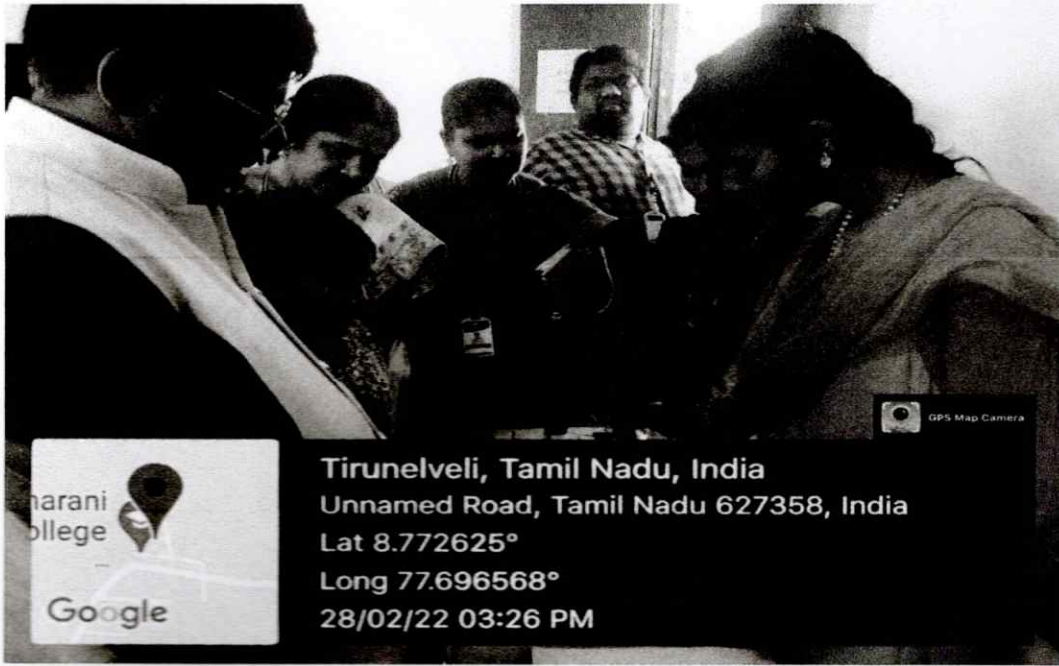


Figure 6: CSIR Scientist Dr. G. S. Iyyappan Visiting Science exhibition

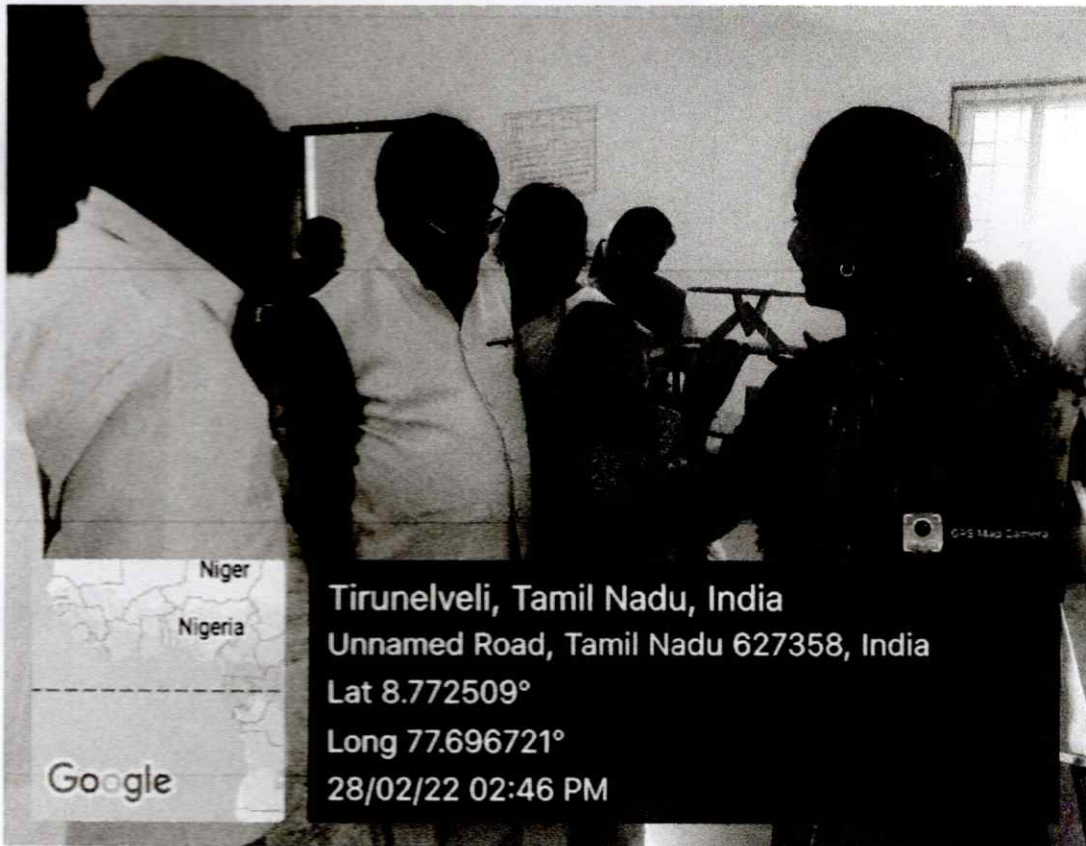


Figure 7: Demonstration of project to the Scientist

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EXPERIENTIAL LEARNING
“PROJECT”

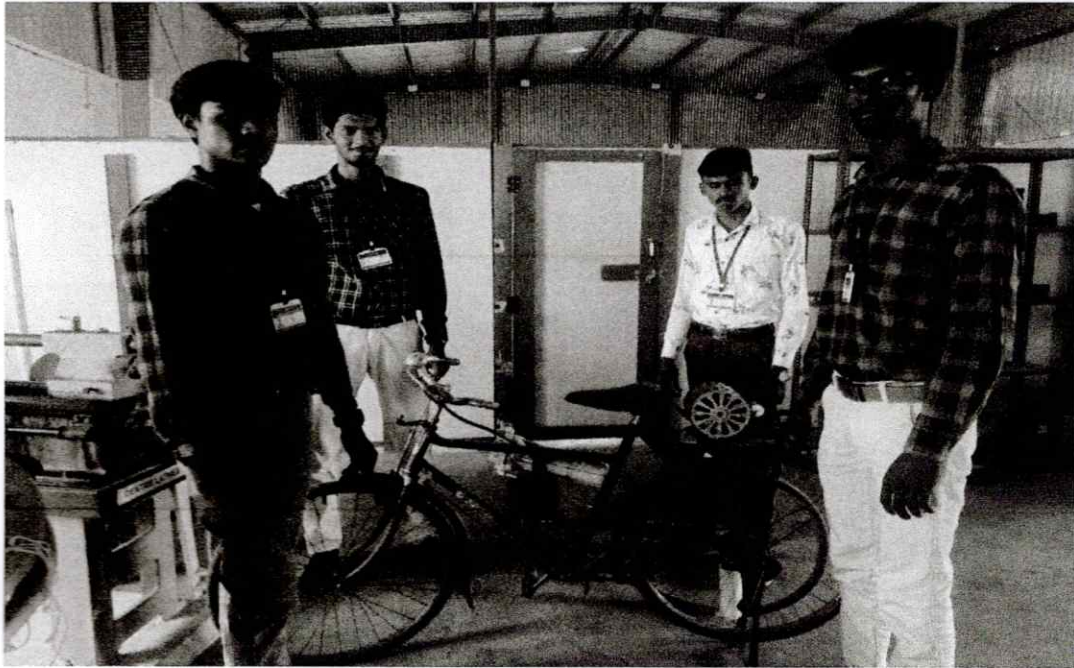


Figure 8: Project done by student

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EXPERIENTIAL LEARNING

“MINI PROJECT”

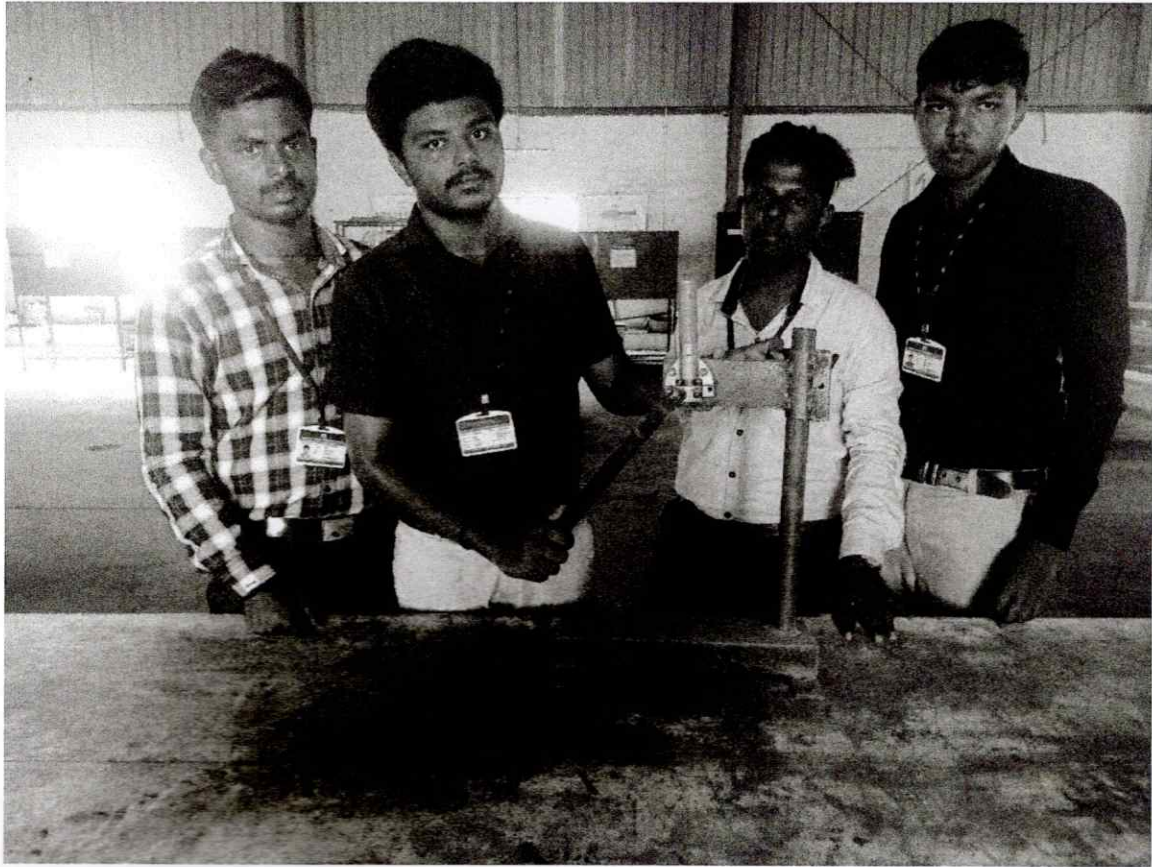


Figure 9: Mini Project done by student


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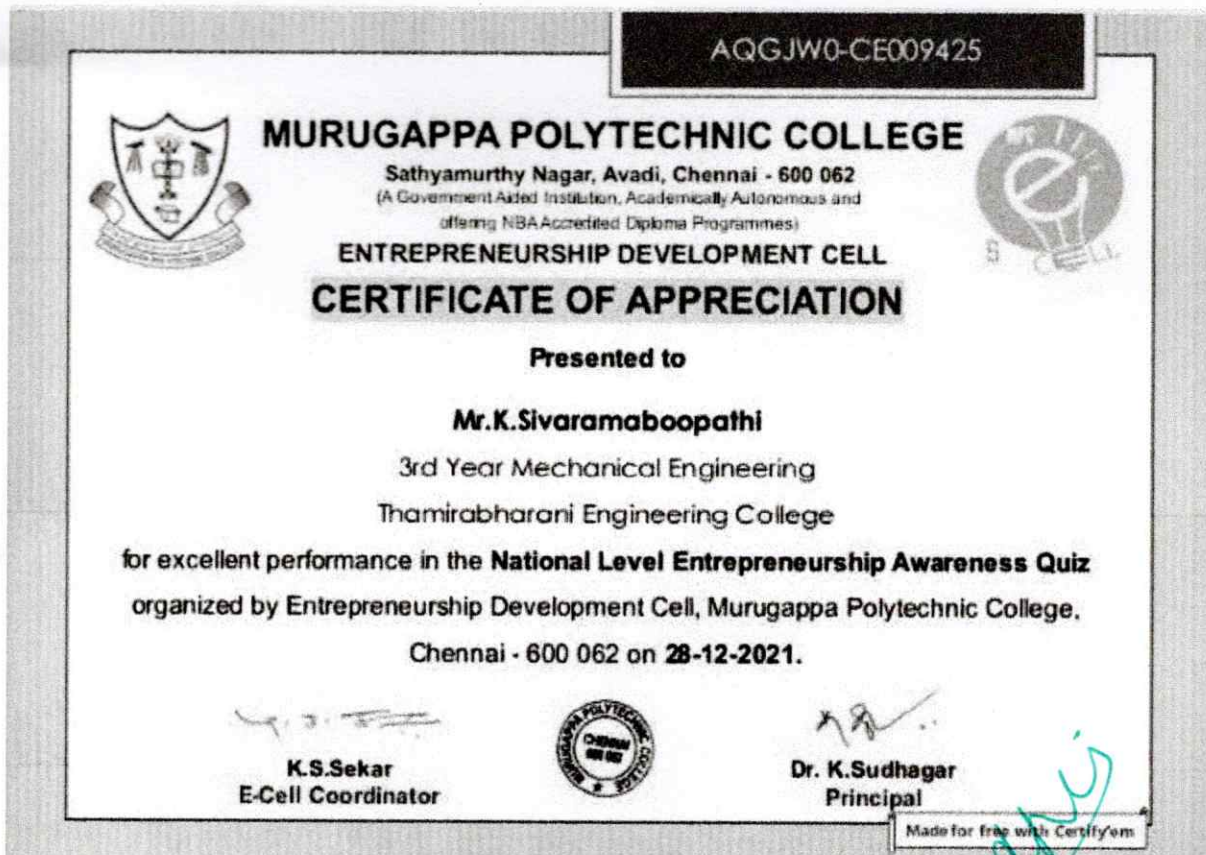
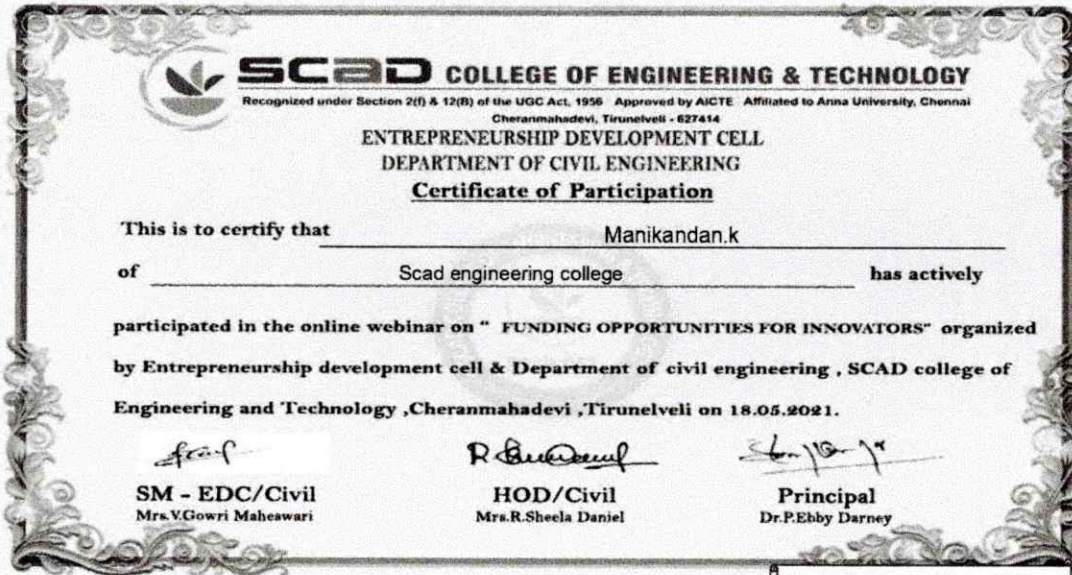
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**PARTICIPATIVE LEARNING
ON / OFF CAMPUS TECHNICAL EVENTS -
STUDENTS PARTICIPATION**

SAMPLE CERTIFICATES



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**PARTICIPATIVE LEARNING
TECHNICAL QUIZ CONDCUTED
BY STUDENTS**

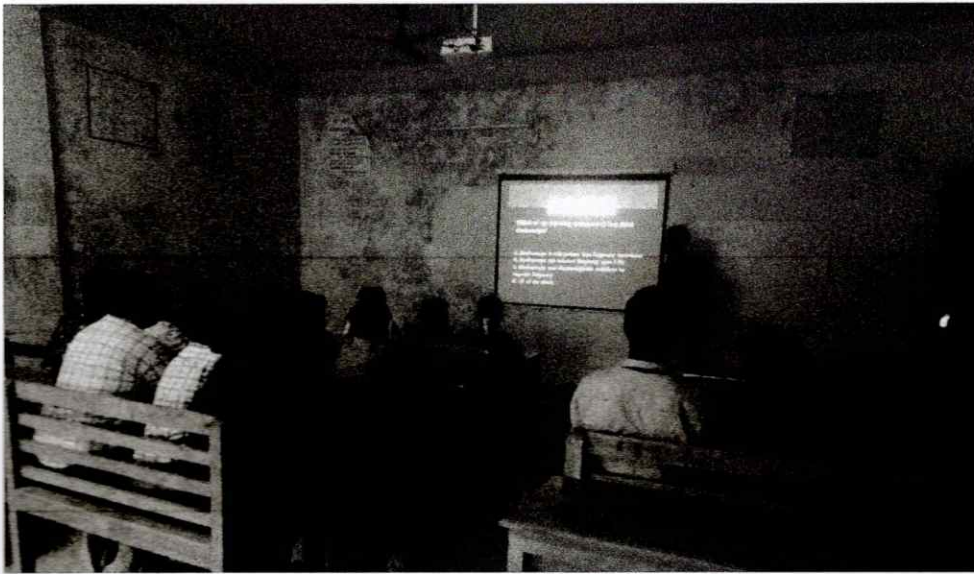


Figure 1: Technical Quiz on Thermal Engineering conducted by student

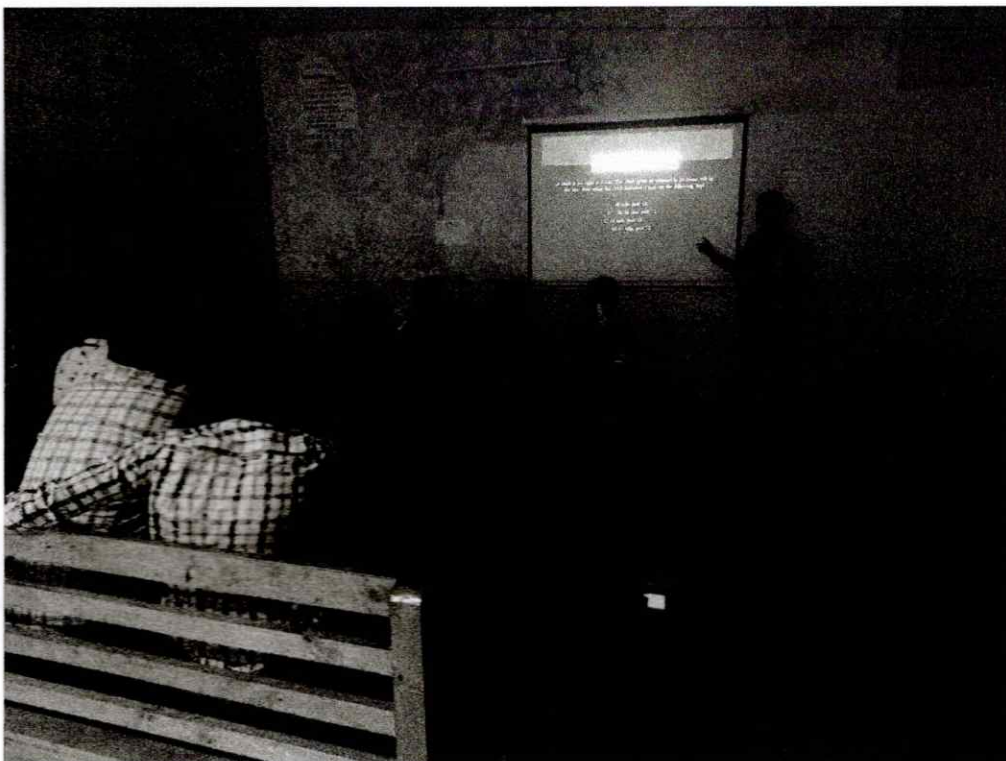


Figure 2: Technical Quiz on Automobile Engineering conducted by student

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**PARTICIPATIVE LEARNING
GROUP DISCUSSION
BY STUDENTS**

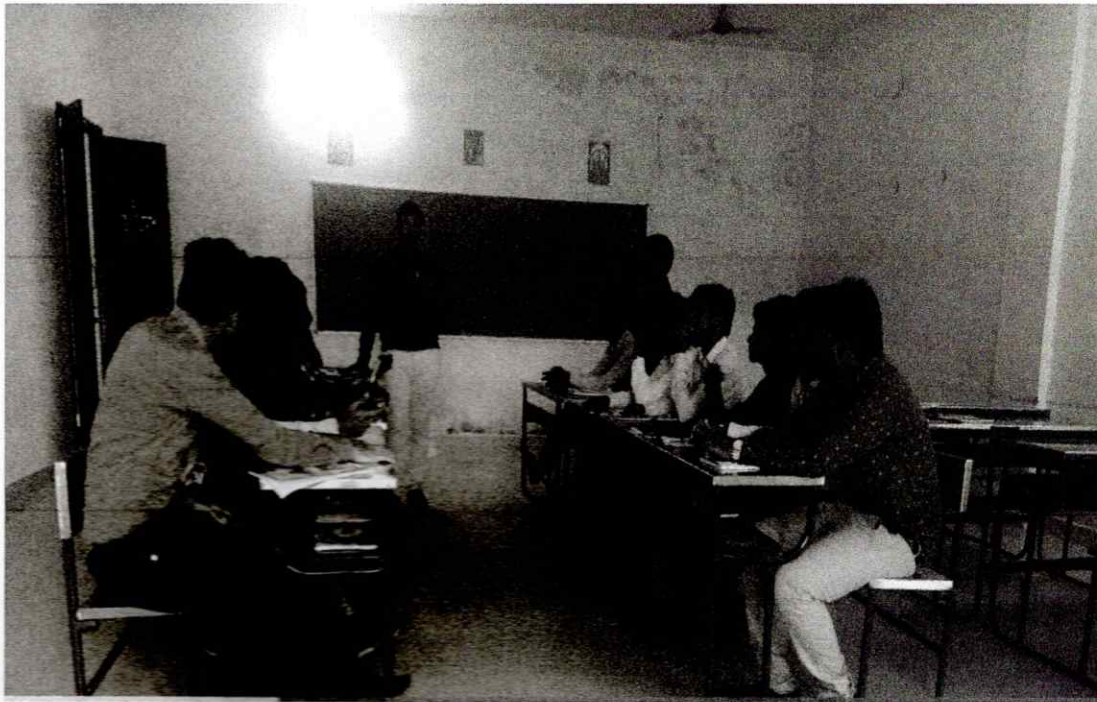


Figure 3: Group Discussion on fast learner and slow learner

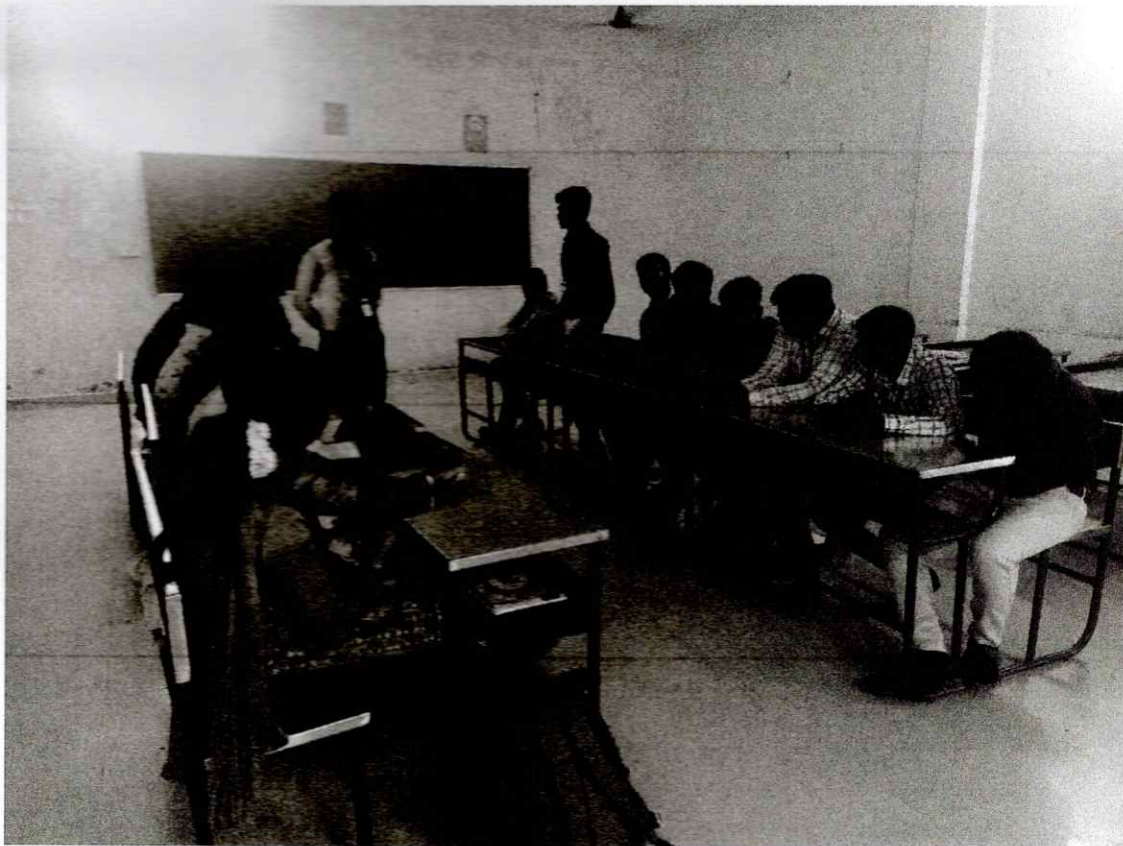


Figure 4: Group Discussion on online and offline examination

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**PARTICIPATIVE LEARNING
TUTORIAL PROBLEM SOLVING
BY STUDENTS**

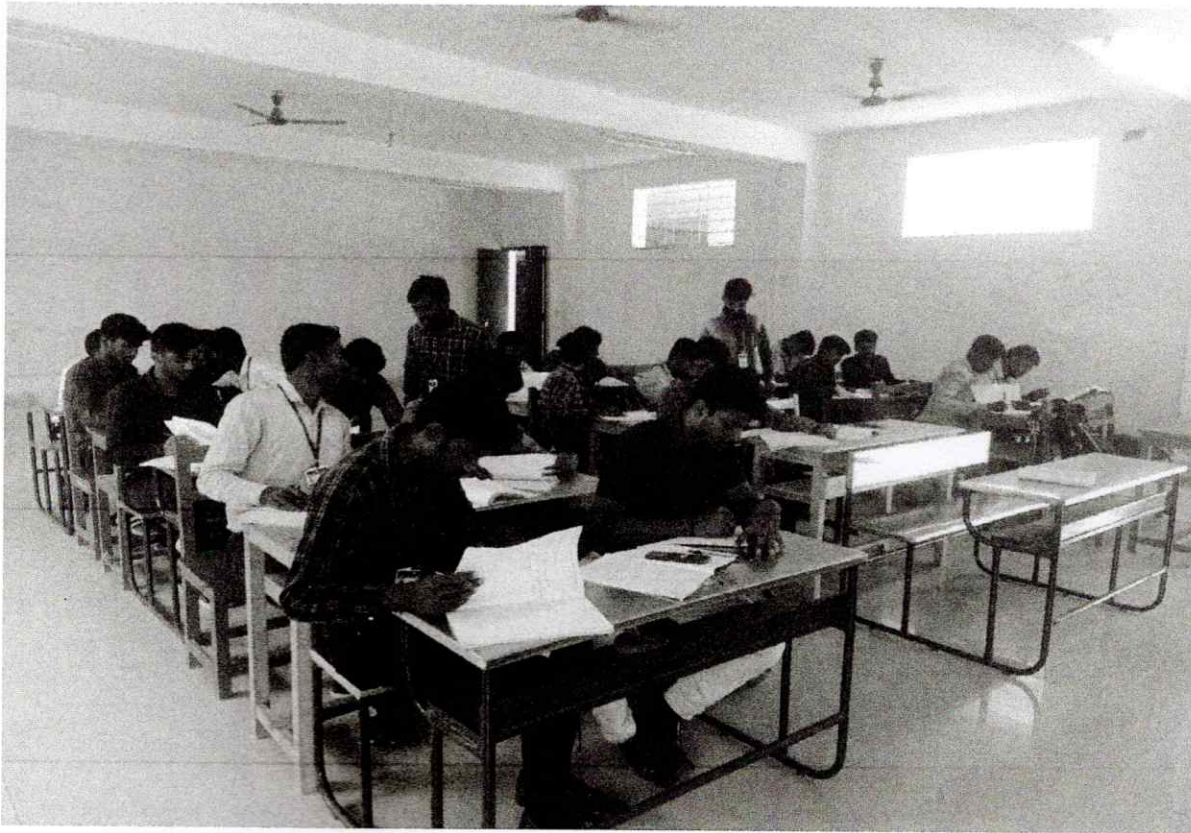


Figure 5: Tutorial problem on Thermal Engineering Subject

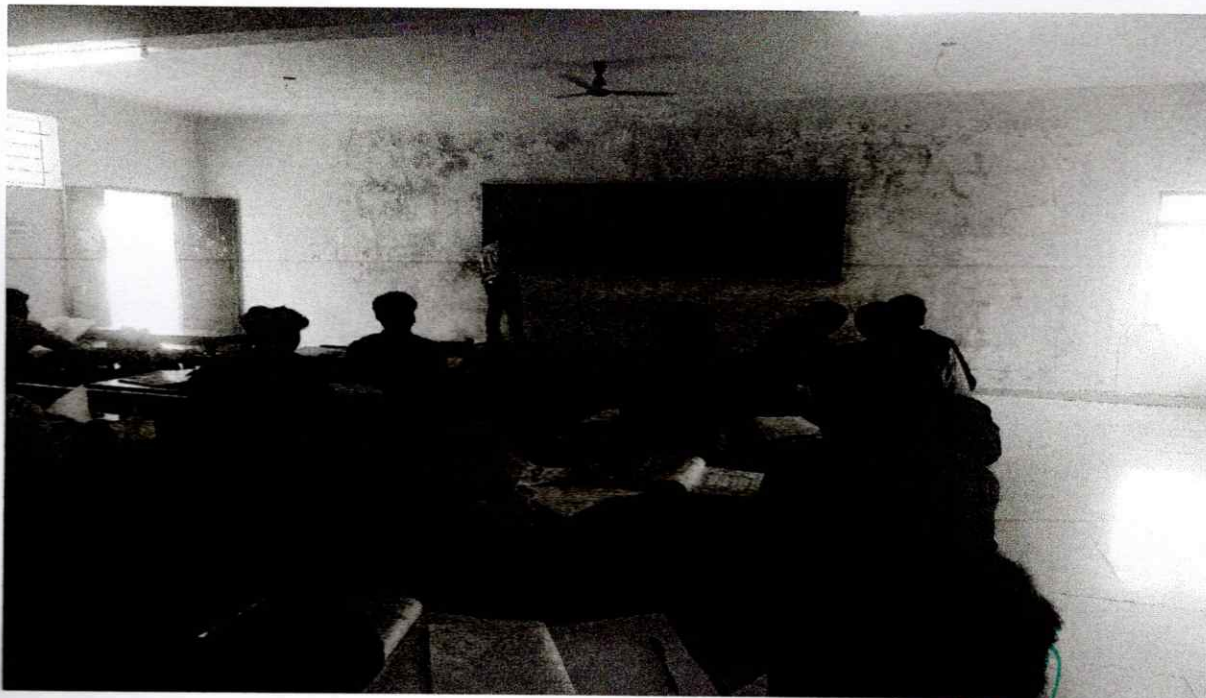


Figure 6: Students solving Tutorial problem on Design of machine

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**PROBLEM SOLVING METHODOLOGY
FACULTY HANDLING TUTORIAL
CLASS**



Figure 1: Tutorial problems solving by student



Figure 2: Two exclusive faculties solving tutorial problem at tutorial period

**PROBLEM SOLVING METHODOLOGY
APTITUDE TRAINING AND
INTERNSHIP PROGRAMME**



Figure 3: Aptitude Training by Placement officer

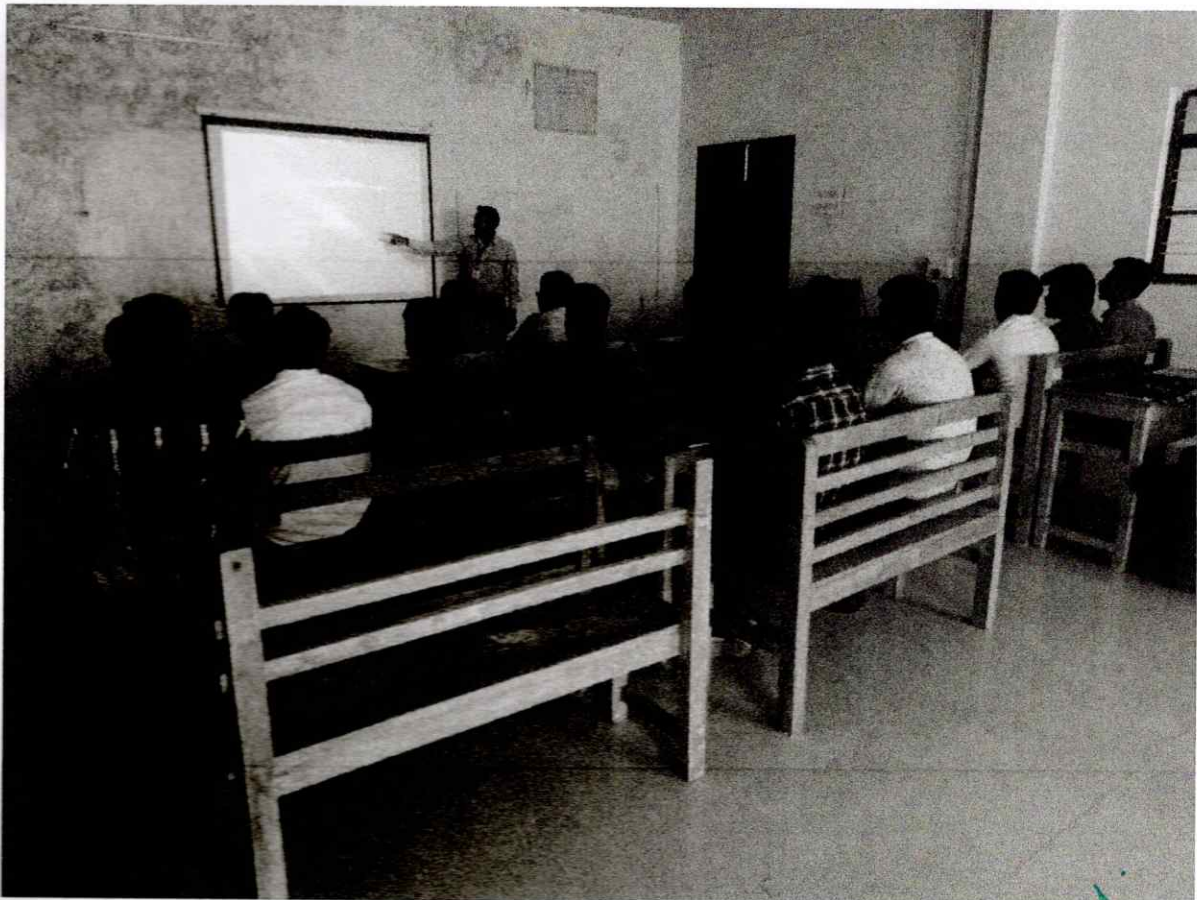


Figure 4: Aptitude Training by Placement officer


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