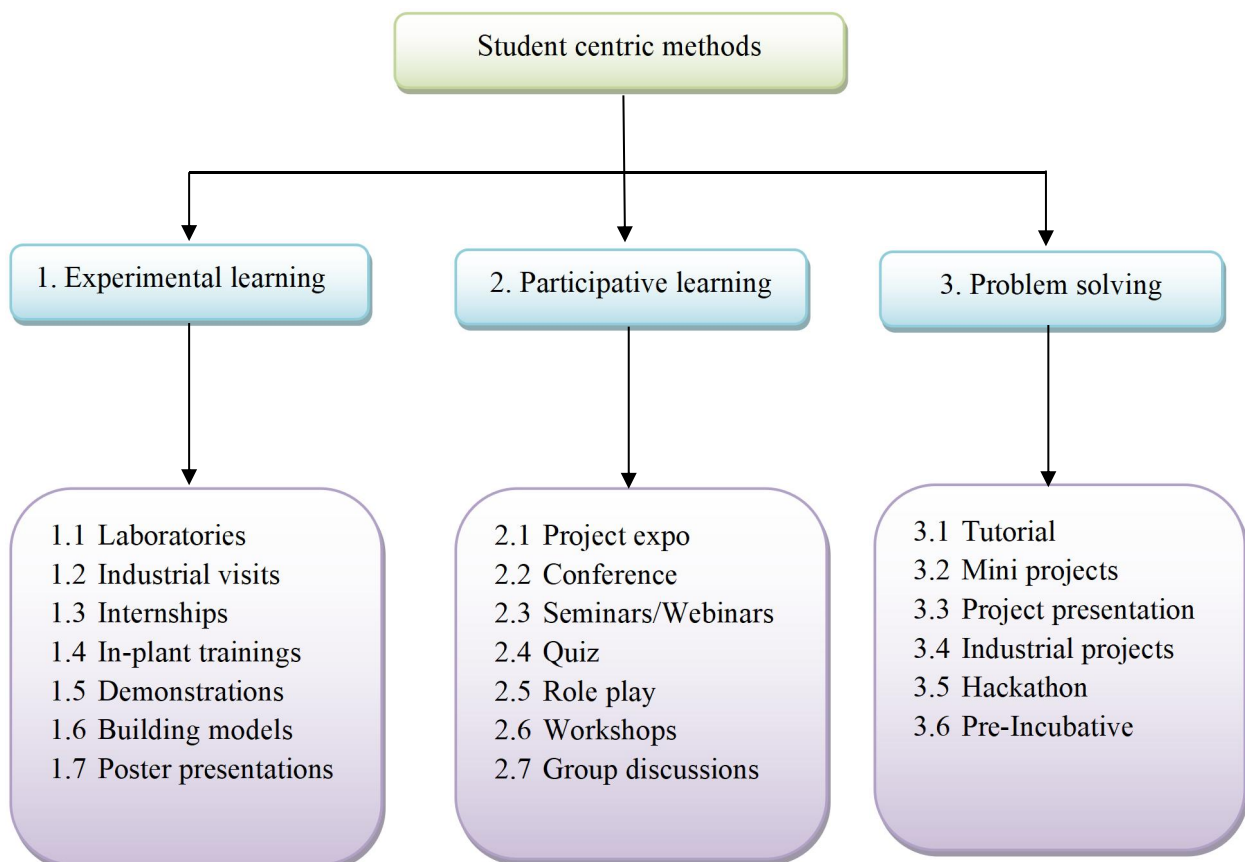


ADHIYAMAAN COLLEGE OF ENGINEERING (Autonomous)




Dr. MGR Nagar, Hosur - 635130




STUDENT CENTRIC METHODS:

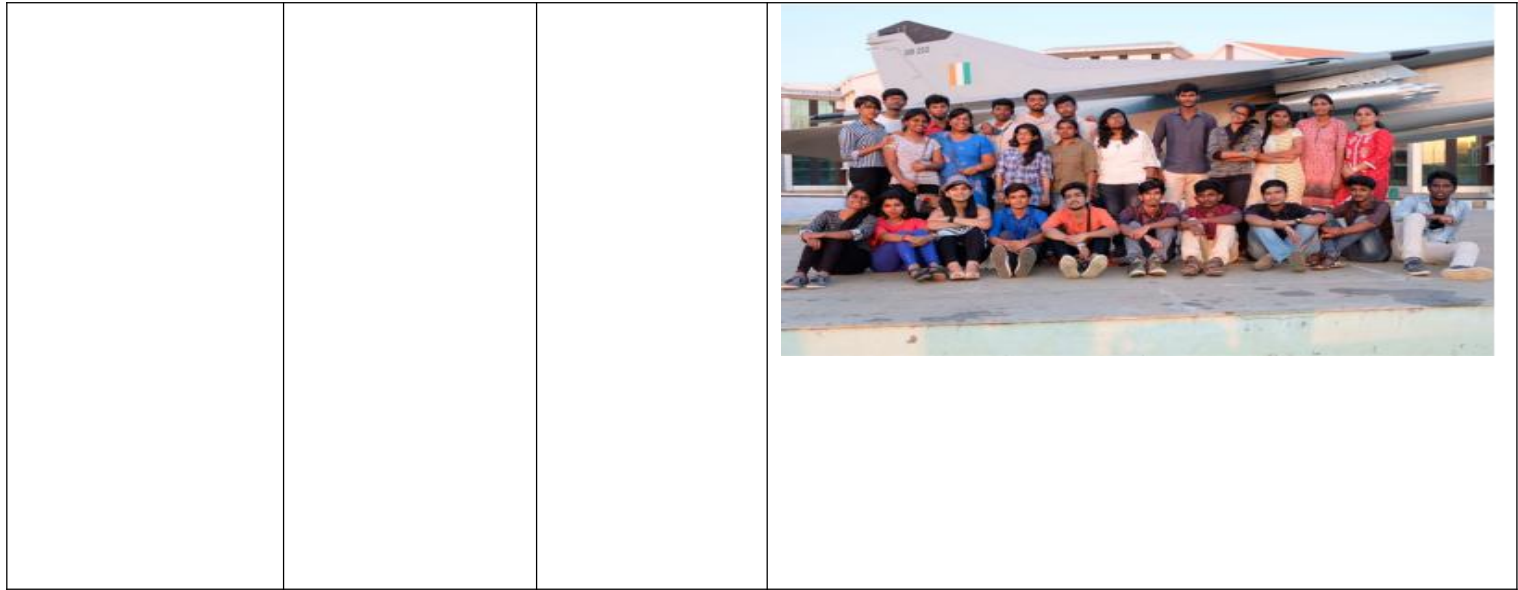
Adhiyamaan College of Engineering follows student centric methods to enhance students involvement in the areas of Experimental learning, Participative Learning and Problem solving methodologies. These are used for enhancing the learning experience for students through Revised Bloom's Taxonomy (RBT) - An outcome based learning and creative learning method with higher order thinking skills for all the courses. The following categories are involved in the above mentioned criteria.



Experiential Learning

Teaching Methodology	Students Activity	Expected Outcomes (Blooms)	Sample Photos
<p>Demonstration, Which helps the students to understand the concepts clearly</p>	<p>Participate Observes Analyzes Listens Comprehends</p>	<p>Create Apply Analyze Understand Remember</p>	 
<p>Field Visit is very helpful for the supplementing the theoretical knowledge. It aids to interlink the facts with the practical field and teaches core competencies.</p>		<p>Apply Analyze Understand Remember</p>	

			
<p>Industrial visit is to provide an exposure to students about practical working environment</p>		<p>Apply Analyze Understand Remember</p>	
<p>Educational tours are necessary to be undertaken by students to gain a more practical knowledge of their area of study</p>	<p>Participate Observes Analyses Listens Comprehends</p>	<p>Apply Analyze Understand Remember</p>	



**Poster
Presentation**

**Create
Participate
Analyses
Comprehends**

**Create
Apply
Analyze
Understand
Remember.**



Models


**Observes
Analyses
Listens
Realizes**

**Analyze
Understand
Remember**



			
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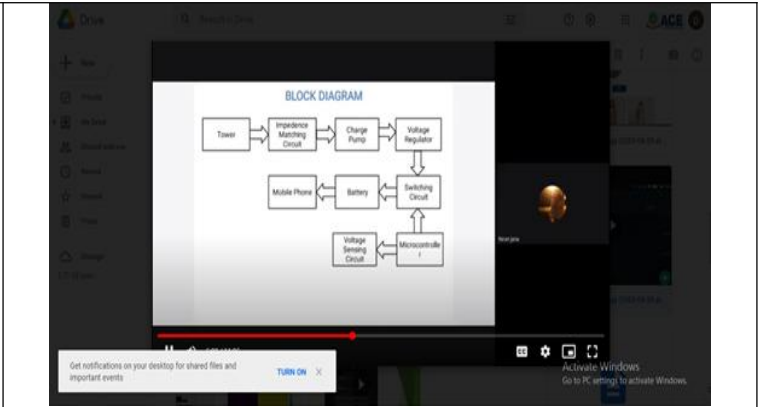
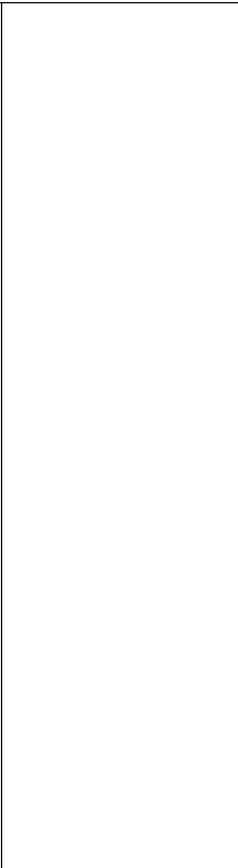
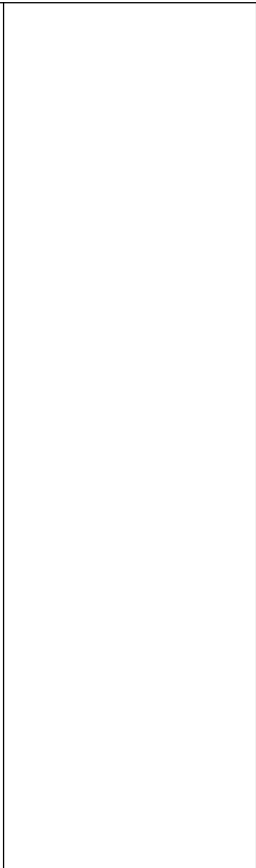
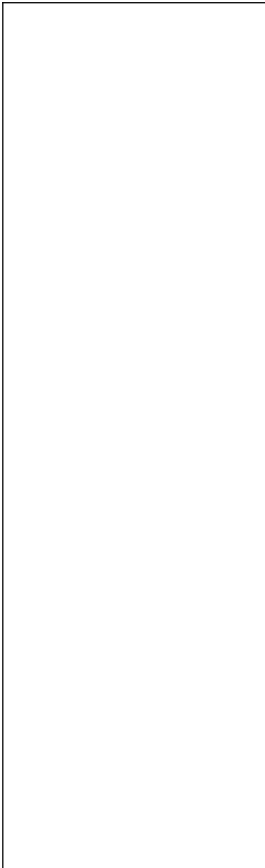
Participative Learning

Teaching Methodology	Students Activity	Expected Outcomes (Blooms)	Sample Photos
<p>Role Play</p>	<p>Participates Analyzes Observes Listen</p>	<p>Analyze Understand Remember</p>	
<p>Collaborative Learning</p>	<p>Participates Analyzes Explain</p>	<p>Apply Analyze Understand Remember</p>	

<p>Hands on training</p>	<p>Participates Observes Analyzes Listen Realizes</p>	<p>Apply Analyze Understand Remember</p>	

Participative Learning

<p>Teaching Methodology</p>	<p>Students Activity</p>	<p>Expected Outcomes (Blooms)</p>	<p>Sample Photos</p>
<p>Guided Group Discussion (Virtual classroom, Blended learning)</p>	<p>Participates Interact Analyzes Observes Listen</p>	<p>Apply Analyze Understand Remember</p>	



AI APPLICATIONS-ROBOTS

Applications of robots in COVID-19

- Teleoperator robot
- Collaborative robot
- Autonomous mobile robot
- Social robot
- Mobile robot
- Autonomous mobile robot
- Service robot
- Autonomous mobile robot
- Autonomous mobile robot
- Autonomous mobile robot

