



NETAJI SUBHAS INSTITUTE OF TECHNOLOGY

Approved by AICTE, New Delhi and affiliated to Bihar Engineering University
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STUDENT CENTRIC METHOD

2.3.1

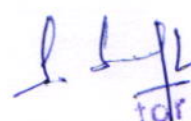
2.3.1: **Student centric methods such as experimental learning, participative learning and problem solving methodologies are used for learning experiences**

The entire teaching learning process has been revamped around the axis of a learner centric approach and the focus is to provide as much experience on a collaborative, experiential, participative learning and problem solving approach.


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2.3.I METRIC

S.NO.	LEARNING CATEGORY	STUDENT CENTRIC METHODS (HIGHLIGHTS) Student centric methods, such as experiential learning, participative learning and problem solving methodologies are used for enhancing learning experiences
1	Experimental Learning	INDUSTRIAL VISIT TO KOILWER BRIDGE NSIT encourages students to visit well reputed industries to gain hands on practical knowledge every year. <div data-bbox="560 568 1378 1249" data-label="Image"> </div> <p>Photographs : CE (Vth Semester) 2021</p>
2	Experimental Learning	INTERNSHIP AT NSMCH ,Bihta NSIT motivates students to undergo an internship which allows them to practically apply the lessons they learn in the class room to real-life situations. <div data-bbox="552 1464 1378 2047" data-label="Image"> </div> <p>Phorographs : CE (vth Semester) 2021</p>



3	Experimental Learning	<p>INPLANT TRAINING</p> <p>To enrich the practical knowledge of the students, the respective departments insist the students to offer the in-plant training.</p>  <p>Photographs: CE 7th semester 2022</p>
4	Experimental Learning	<p>VALUE ADDED COURSES</p> <p>Value Added Courses (optional) are offered by NSIT outside the curriculum to bridge the gap between academia and Industry requirements. The courses focus on development of Entrepreneurial and Employable skills.</p>  <p>Photographs: Industrial Exposure with UltraTech(2022)</p>



5	Experimental Learning	ONE DAY WORKSHOP ON CIVIL CONSTRUCTION AND ALLIED ACTIVITIES One day workshop 
		Photographs: Investigation of Box Culvert(2021)
7	Experimental Learning	ARC WELDING Experimental learning for understand the components and working of Arc welding 
		Photographs : IInd semester, (2021),Manufacturing Technolo




8	Experimental Learning	<p>FIELD VISIT TO SURVEY SITE AT RAJGIR, NALANDA</p>  
9	Experimental Learning	<p>SURVEY CAMP AT RAJGIR, NALANDA</p>  <p>This camp was aimed to groom civil engineering students with essential knowledge and exposure to the real work, and to encourage leadership and teamwork skills.</p>




10	Experimental Learning	<p>ENERGY AUDIT</p>  <p>ENERGY AUDIT AT NTPC ,BARH PATNA This audit will encourage students to examine financial benefit to reduce cost and organizational benefit to improve human comfort and the ways in which they can help conserve energy.</p>
11	Experimental Learning	<p>HACKATHON (DEPT OF MECH)</p>  <p>Hackathons emulate students what happens in the real world, this includes client meetings, data gathering, and the actual process of creating a system from scratch, something textbooks are unable to teach.</p>

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S No.	LEARNING CATEGORY	STUDENT CENTRIC METHODS (HIGHLIGHTS) Student centric methods, such as experiential learning, participative learning and problem solving methodologies are used for enhancing learning experiences
1.	Participative Learning	<p>CERTIFICATION COURSES</p> <p>NSIT encourages students to do certification courses to impart and enhance self learning initiative of the students - where their own motivation is what drives them to complete the course and not external compulsions. This fosters the habit of keeping oneself updated always by means of self-study.</p> 
2.	Participative Learning	<p>Guest lecture on "BIHAR STARTUP POLICY AND EDP"</p> 

3	Participative Learning	<p>"Teamwork is the engine for a high performance and work culture Students group activity based on managerial concepts</p>  <p>Group Discussion and gaming Activities provides students with an opportunity Gain professional values, knowledge, and skills.</p>
4	Participative Learning	<p>LAND SURVEYING BY STUDENT GROUP</p>  <p>NSIT encourages teaching and learning which focuses on the learner. We encourage learning by doing, using small groups, open questioning and peer teaching.</p>

5	Participative Learning	<p>INTER COLLEGIATE COMPETITION</p>  <p>Through the concepts of game spirit, students can learn to behave to one another, to argue their points clearly, and to analyze opposing arguments.</p>
7	Participative Learning	<p>SEMINAR PRESENTATION</p> 
8	Participative Learning	<p>ANNUAL TECH FEST</p> <p>It is organized every year for engineering students where selected projects are displayed at large platform</p> 

9	Participative learning	<p>ANNUAL CULTURAL FEST</p>  <p>Annual cultural program(CRUST) This is organized every year for the students of the college to give event to their creativity</p>
10	Participative learning	<p>SEMINAR BY NSIT STUDENT</p>  <p>Seminars, workshops and conferences are very important in student life. They are a platform for finding new ideas, alternative perspectives and updates.</p>
11	Participative learning	<p>INDUSTRY INTERACTION</p>  <p>In order to expand the core competencies and practical knowledge of the students, they are familiarized with the real working environment through industrial tours</p>

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		Student centric methods, such as experiential learning, participative learning and problem solving methodologies are used for enhancing learning experiences
<u>1</u>	Problem Solving	<p>YOU TUBE VIDEOS</p>  <p>NSIT uses the potential of YouTube videos as a tool for stimulating students' learning.</p> <p>https://www.youtube.com/watch?app=desktop&v=dk8BL9StVUg</p>
<u>3</u>	Problem Solving	<p>VIRTUAL LAB</p>  <p>Virtual laboratory is used to enhance students' problem solving, critical thinking creativity, conceptual understanding. It helps to solve the problem with limited resources and funding for experiments</p>