



**Hindusthan College of Engineering and Technology  
Coimbatore 641 032**

**NAAC  
SSR  
Cycle 2**

**Criterion II  
Teaching-Learning and Evaluation**

**AICTE - IDEA LAB**

AICTE - IDEA Lab is provides opportunity for develop a design, fabricate and test. The following are the various experiential learning activities carried out in the institution from the academic year 2017-18 to 2021-22.

**AICTE IDEA LAB**

**About IDEA Lab**

Hindusthan – IDEA Lab encouraging students for application of science, technology engineering and mathematics (STEM) fundamentals towards enhanced hands – on experience, learning by doing and even product visualization. As a common facility embedded in the institution, the IDEA Lab will make the engineering graduates more imaginative and creative, besides getting basic training in the 21st century skill like Critical Thinking, Problem Solving, Design thinking, Collaboration, Communication, Lifelong Learning etc., Hindusthan IDEA Lab can facilitate the students and faculty to ‘Engage, Explore, Experience, Express and Excel’ their innovative IDEA to Prototype to New Product Development.



Criterion II  
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IDEA Lab at HICET







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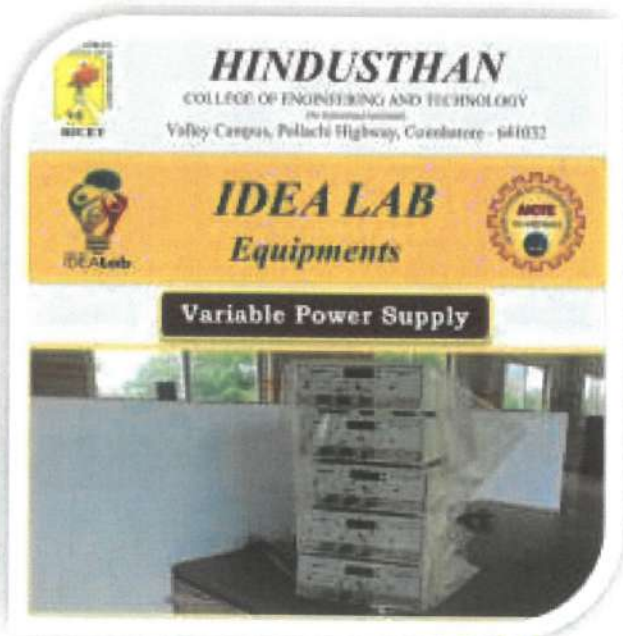
**NAAC  
SSR  
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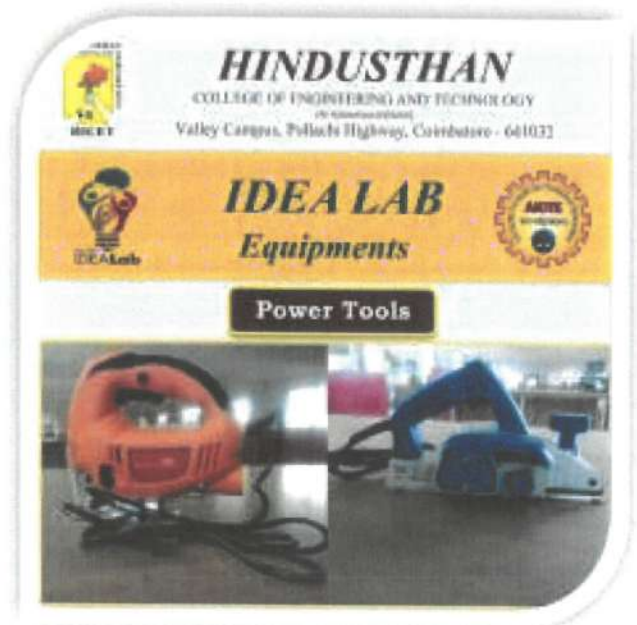
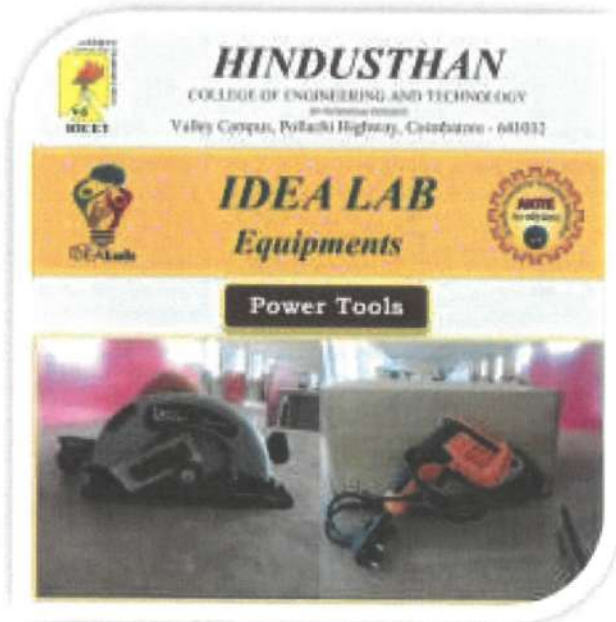
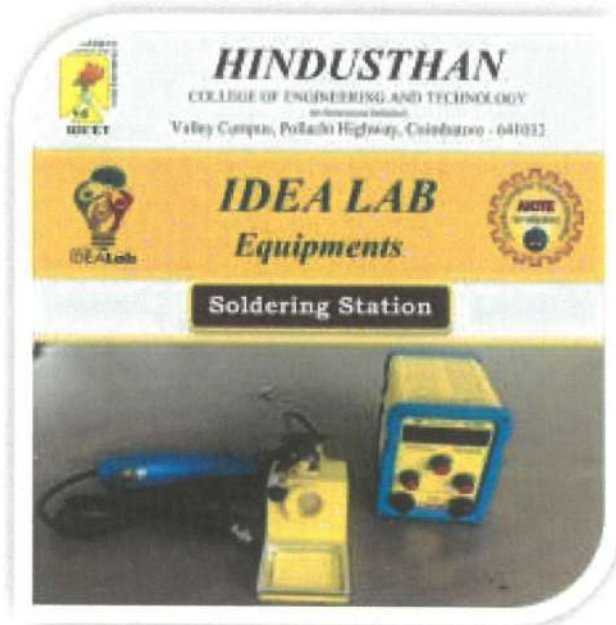
Criterion II  
Teaching-Learning and Evaluation

Equipment and Tools in IDEA Lab





Criterion II  
Teaching-Learning and Evaluation






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(An Autonomous Institute)  
Valley Campus, Pollachi Highway, Coimbatore - 641032

**IDEA LAB**  
Equipments


PCB Board Making Machine



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**IDEA LAB**  
Equipments


3D PRINTER



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**IDEA LAB**  
Equipments


Mechanical Tools



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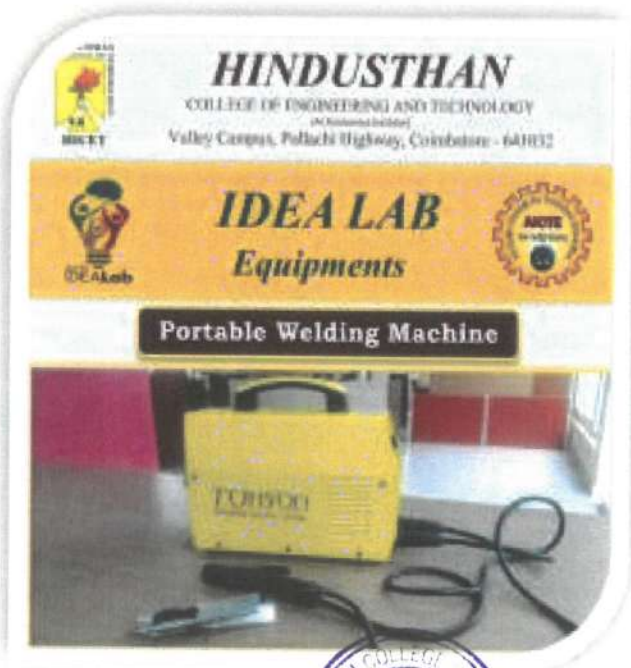
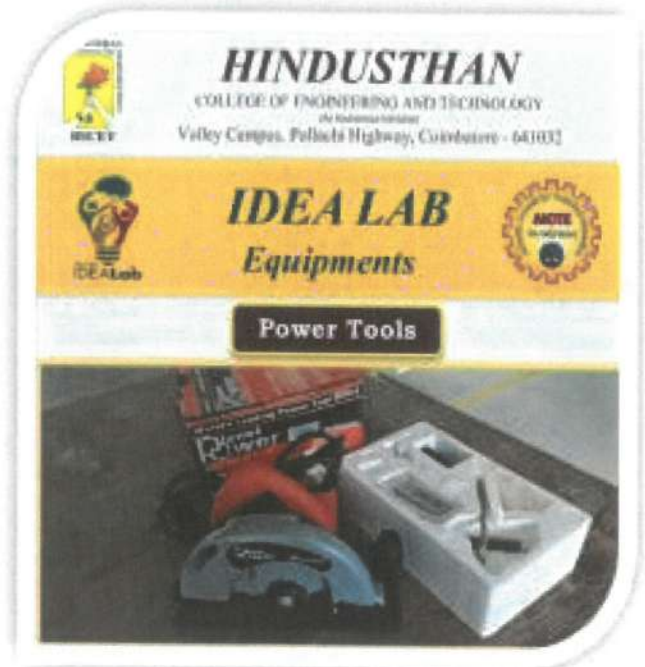
**IDEA LAB**  
Equipments

Digital Storage Oscilloscope





Criterion II  
Teaching-Learning and Evaluation





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Teaching-Learning and Evaluation**

**LIST OF EVENTS ORGANISED**

S.No.	Date	Name of the Program
1	08-08-2022	Workshop on Effective Ideation Techniques for Problem Solving
2	16-08-2022 to 20-08-2022	Five days SDP on Conceptual IDEA to Prototype using 3D Printing Technology
3	16-08-2022 to 20-08-2022	Five days SDP on PCB Design for Modern Electronics
4	18-08-2022	One Day Ideation workshop on Looking the Path of thorns from stage of roses
5	29-08-2022	One day workshop on Manthra behind Ideation skills
6	30-08-2022	One day workshop on Intellectual Property Rights
7	30-08-2022	One day Skilling workshop on Smart Phone services and Troubleshooting
8	02-09-2022 to 06-09-2022	Solar Electric Vehicle Championship 22
9	05-09-2022 to 07-09-2022	Three Days Boot Camp on Augmented and Virtual Reality Application in Industry 4.0
10	07-09-2022	Ideation Workshop and Hands on Practical Session in Application of 3D Printing Technology in Drone Development
11	15-09-2022	Higher Education Visit
12	22-09-2022 to 28-09-2022	Six days Ideation Workshop on IDEA Pitching workshop in association with IIT Bombay
13	03-10-2022 to 04-10-2022	Two days SDP on Conceptual IDEA to Prototype using 3D Printing Technology
	14-10-2022 to 19-10-2022	Five Days FDP on Electronics Circuit Design: Concept to Implementation





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15	28-10-2022 to 02-11-2022	Five days FDP on Shaping and Engraving using Wood Router Machine
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Ideation Workshop and Hands on Practical Session in Application of 3D  
Printing Technology in Drone Development



**Principal**  
PRINCIPAL

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COIMBATORE - 641 032