
	<b>Akhil Bharatiya Maratha Shikshan Parishad's Anantrao Pawar College of Engineering &amp; Research</b>		
	Record No.: ADM/D/036B Revision: 00	DoI: 02/01/2023	
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### Initiatives related to industry interaction

#### A. Industry supported laboratories

1. On 13/07/2023, with consent of our management department have established **Centre of Excellence: Construction Yard** for effective industry institute interaction by means of different activities like Hands on training for construction practices.
2. On dated 28/10/2023, we have formed and inaugurated the **Centre of Excellence: Plumbing Lab**. This Centre of Excellence is supported by our **Alumni and J Kumar Infra Projects along with Startup Research of Operational Technology Ministry of Defense (SROT)**. The main aim of this Centre is to fill the gap between academic and Industrial needs.
3. On 06/04/2024, civil engineering department established the Centre of Excellence empowered by CADD Centre in CAD Lab. Inauguration was done by SK SELVAN, Managing Director, CADD Centre Training Services Private Ltd. and Prof. (Dr.) Nitin R. Karmalkar, Former Vice-Chancellor, Savitribai Phule Pune University, Pune

**Table a) Details of Industry supported laboratories**

Type of Industries	Type of Labs	Objectives	Utilization	Effectiveness	Faculty Coordinator
Construction	Centre Of Excellence: Construction Yard	To fill the gap between academic and Industrial needs.	Hands on training of construction activities for civil engineering students	15 Days Hands on Practical Training for Rainwater Harvesting within Campus from 04 <sup>th</sup> September to 18 <sup>th</sup> September.	Prof. Neha S. Deshmukh
Construction	Centre Of Excellence: Plumbing Lab	To fill the gap between academic and Industrial needs.	Hands on training of Plumbing for civil engineering students	4 Days Hands on Practical Workshop on the PLUMBING under the Centre Of Excellence: Plumbing Lab.	Prof. Neha S. Deshmukh

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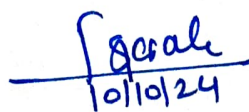
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*Signature*  
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Software	Centre Of Excellence: For Computer Aided Design CAD & Building Information Modelling (BIM) in civil engineering	1. Facilitate collaboration between academia and industry, ensuring students and professionals gain insights into real-world applications of CAD and BIM in civil engineering projects, such as construction, infrastructure, and urban planning. 2. Provide students, faculty, and industry professionals with advanced training and hands-on experience in CAD and BIM technologies, helping them stay updated with industry standards.	Hands on training of CAD, BIM and other civil engineering software	1. 15 days BIM training workshop conducted from 13 <sup>th</sup> March 2023 to 30 <sup>th</sup> March 2023.(Daily 2 hrs) 2. STAAD Pro training from 21 <sup>st</sup> August 2024 to 29 <sup>th</sup> September 2024.(Every Wednesday 3.30 pm to 5.30 pm and Saturday-Sunday 9.00 am to 5.00 pm)	Prof. Amruta A. Chavan
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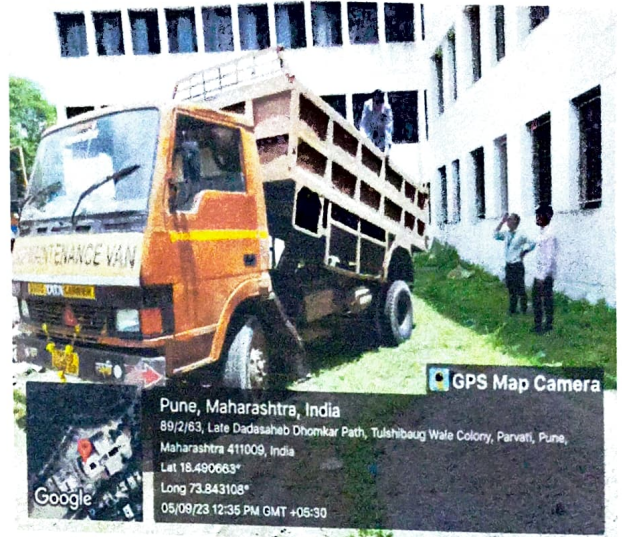
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**Figure A. Material provided by Alumni**



**Figure B. Material Provided by J.Kumar Infra Projects Ltd, Pune**



**Figure C: Excavation for sockpit**



**Figure D: Material Filling in sockpit**

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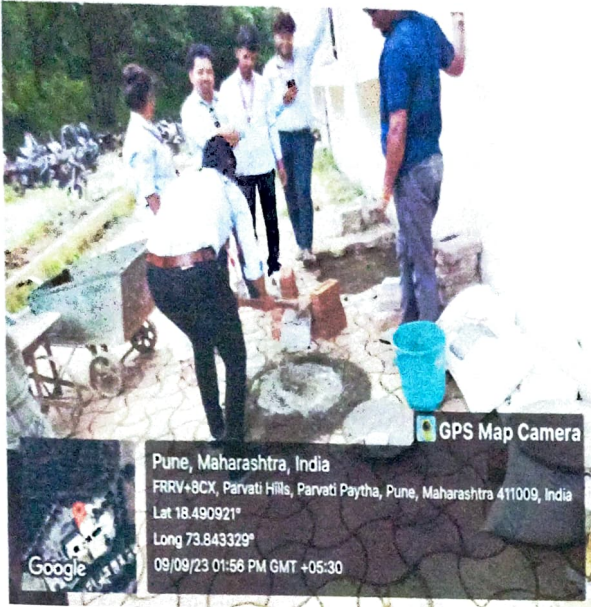
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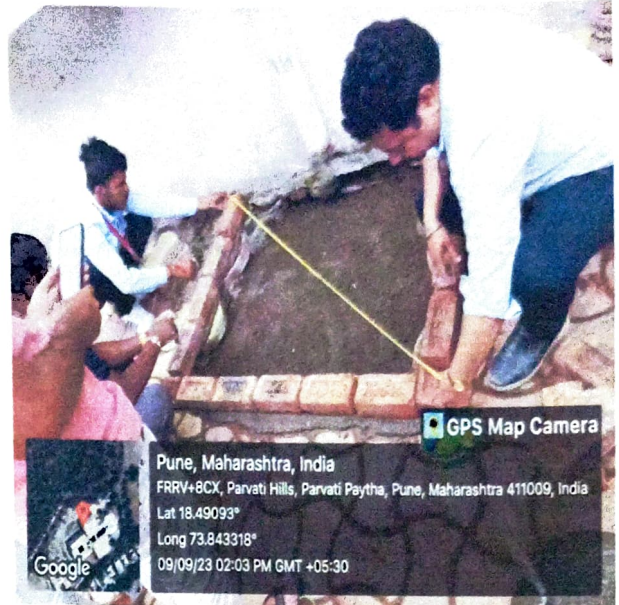
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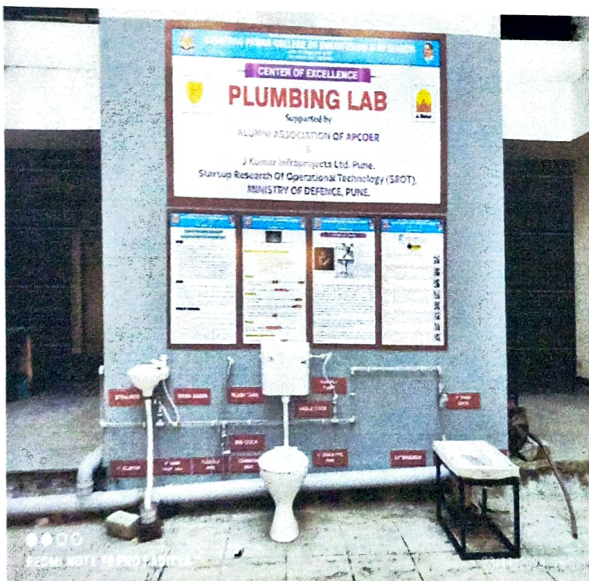
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**Figure E: Concrete Mixing**



**Figure F: Brick work activity performed by students**



**Figure G: shows the evidence of “COE-Plumbing Lab”**





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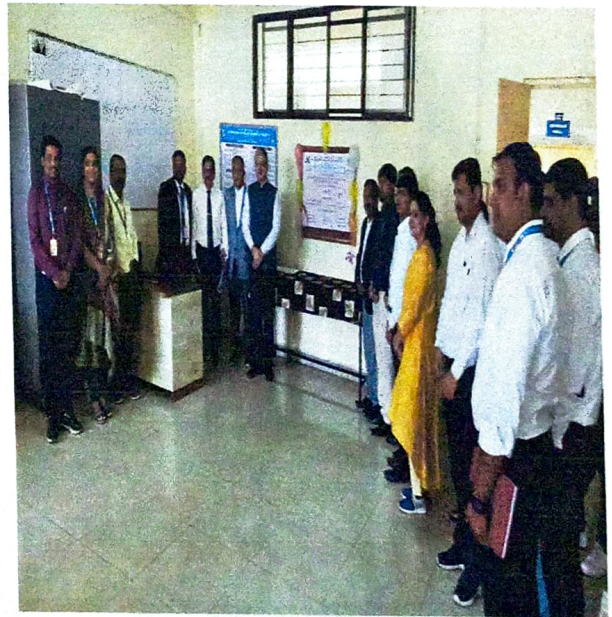
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**Figure H: 4 days Hands on workshop conducted under “COE-Plumbing Lab”**



**Figure I: Inauguration of Centre of Excellence for CAD and BIM in civil engineering in CAD lab**



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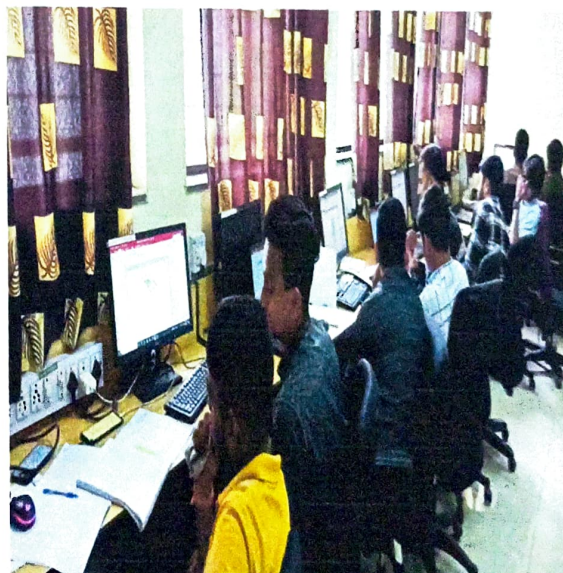
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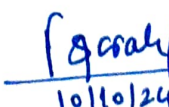

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**Figure J: Discussion with SK SELVAN, Managing Director, CADD Centre Training Services Private Ltd. and Prof. (Dr.) Nitin R. Karmalkar, Former Vice-Chancellor, Savitribai Phule Pune University, Pune in the CAD Lab for Centre of Excellence for CAD and BIM in civil engineering**



**Figure K: Students engaged in software training**

  
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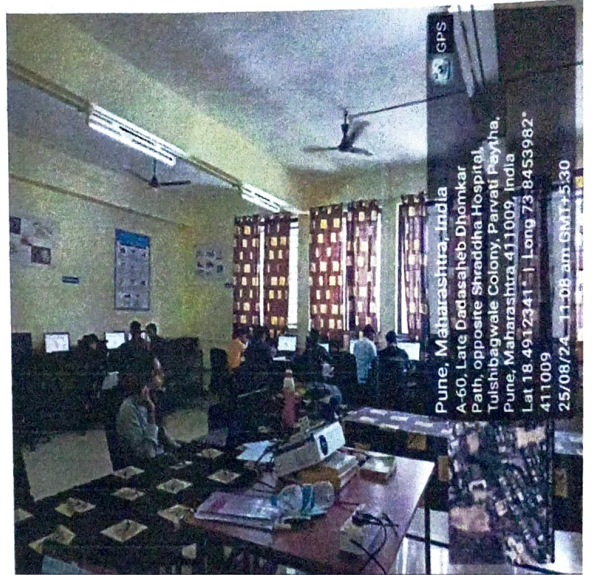
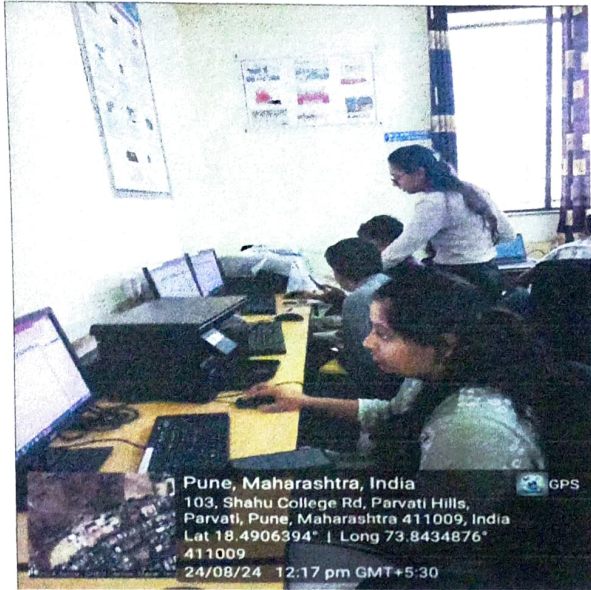
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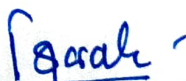
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**Figure L: STAAD Pro software training conducted in CAD Lab**

  
10/10/24  
**Dr. Raviraj R. Sorate**  
Head of Department



  
**Dr. Sunil B. Thakare**  
Principal, ABMSP's APCOER, Pune

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