

**CSMSS**


Chhatrapati Shahu Maharaj Shikshan Sanstha's  
**CHH. SHAHU COLLEGE OF ENGINEERING**

Kanchanwadi, Paithan Road, Aurangabad, 431 011  
Ph. No. : (0240) 2646373, 9922668199, 2646350 Fax: (0240) 2646222  
Website: www.csmssengg.org



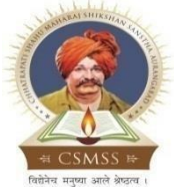
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**DTE Code: 2533**

<b>Name of the event:</b>	<b>Skilling project for Women Empowerment by Cosmo Foundation</b>
<b>Date of the event:</b>	01/10/2024 to 30/10/2024
<b>Participants</b>	50 students
<b>Location</b>	EV lab
<b>Summary of Event</b>	<p>Department of Electrical Engineering in collaboration with ISIE India Organized Skilling project for Women Empowerment by Cosmo Foundation from 01/10/2024 to 30/10/2024. The program inauguration was held in presence of Mr. Ganesh Girdhari (plant Head, Cosmo Films Ltd Shandra), Dr. Ulhas Shinde(Principal CSMSS Engineering college), Vinod K Gupta (Founder and President,ISIE) and Ms Rupali Agrawal (Zonal Manager CSR ISIEINDIA) .The program covers Theory and Hands on Projects and topics such as EV components, battery technologies, charging infrastructure, and safety standards. Hands-on training sessions were conducted to provide practical insights into EV maintenance and diagnostics. The program encourages entrepreneurship by supporting women-led EV startups. It fosters leadership through mentorship and networking in the growing EV sector. Additionally, the initiative aims to close the gender gap in technology-driven fields like sustainable energy and transportation.</p>
<b>Outcome(s):</b>	<ul style="list-style-type: none"><li>➤ To Empower Girls by Skilling</li><li>➤ Enhancing Girls Employability</li><li>➤ To Provide Financial Assistance to Girls.</li><li>➤ To get placements in various companies.</li></ul>
<b>Photo/s:</b>	 <p><b>Skilling project for Women Empowerment by Cosmo Foundation</b> <b>Venue- EV lab</b> <span style="float: right;"><b>Date- 1<sup>st</sup> Oct 2024</b></span></p>

  
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**DTE Code: 2533**

## ACTIVITY REPORT

<b>Name of the event:</b>	<b>Training session of Solar Ambassador Workshop In collaboration with IIT Bombay</b>
<b>Date of the event:</b>	03/10/2024
<b>Participants</b>	Student from Electrical Department
<b>Summary of the event:</b>	The Department of Electrical Engineering organized a <b>Training session of Solar Ambassador Workshop In collaboration with IIT Bombay</b> It was a good experience for all the students. It was an interactive session conducted by Mr. Vikas Reddy. The training session of solar making lamp was a good experience for Participants.
<b>Outcome(s):</b>	<ul style="list-style-type: none"><li>➤ Assembling of solar lamp</li><li>➤ Getting knowledge of different components used in solar lamp.</li></ul>
<b>Photographs of the event</b>	 <p>Photo during Solar Ambassador Workshop In collaboration with IIT Bombay conducted in Department Electrical engg. , date:03/10/2024.</p>

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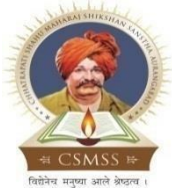
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### One Page Report

<b>Name of the event:</b>	Hands On Training On " Photovoltaic (PV) Installation Training."
<b>Date of the event:</b>	19-03-2024
<b>Participants</b>	<b>SY,TY students &amp; Faculty Members Of Electrical Engineering Department .</b>
<b>Expert(s) / Guest(s) of the event:</b>	Mr..Mahadev Kote ,Solar Operational Engineer
<b>Summary of the event:</b>	<p>The hands-on training on Photovoltaic (PV) installation provided participants with practical skills and knowledge essential for successful deployment of solar energy systems.</p> <p>Training Objective :-</p> <p>Theory Sessions: Participants were introduced to the fundamentals of solar energy, PV technology, and system design considerations. Topics included types of solar panels, efficiency calculations, and electrical concepts relevant to PV installations.</p> <p>Site Assessment and Planning: Practical sessions involved site visits for hands-on experience in assessing roof suitability, shading analysis using solar pathfinder tools, and designing PV systems using software tools like PV*SOL.</p>
<b>Outcome(s):</b>	<p>Student Import Knowledge To impart knowledge on site assessment, shading analysis, and system sizing for optimal performance.</p> <p>To train Students in the safe installation practices and wiring techniques for PV systems.</p>
<b>Photographs of the event:-</b>	<div style="display: flex; justify-content: space-around;">   </div> <p style="text-align: center;"><b>Photograph Of the Hands On Training On " Photovoltaic (PV) Installation Training." Guided By Mr..Mahadev Kote On grid Solar Plant Engineering A building CSMSS, CSCOE</b></p>

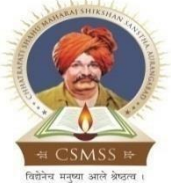
  
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## ACTIVITY REPORT

<b>Title</b>	Seminar Session
<b>Activity Name</b>	<b>Seminar on “Electrical Safety Works”</b>
<b>Date</b>	13/03/2024
<b>Time Venue</b>	11:00 AM
<b>Organized by</b>	Department of Electrical Engineering
<b>Coordinator Name</b>	Dr. M.G.Aush
<b>Resource Person</b>	Mr. Vivek Jadhav (Assistant Engineer, MSDCL)
<b>No .of Participants</b>	SY Dept. of Electrical Engineer students
<b>Program Objective</b>	<p>The Objective of this seminar are :</p> <ul style="list-style-type: none"><li>• <b>Increase Awareness:</b> Educate participants about the common electrical hazards they may encounter in everyday life and in the workplace.</li><li>• <b>Understanding Safety Protocols:</b> Provide a comprehensive understanding of electrical safety protocols and guidelines to mitigate risks.</li><li>• <b>Promote Best Practices:</b> Encourage the adoption of best practices for handling electrical equipment and installations, ensuring a safer environment.</li><li>• <b>Build a Safety Culture:</b> Promote the development of a safety-conscious culture within organizations or communities by emphasizing the importance of electrical safety.</li></ul>
<b>Program Outcome</b>	<ul style="list-style-type: none"><li>• <b>Enhanced Knowledge:</b> Participants will demonstrate a clear understanding of common electrical hazards and their implications.</li><li>• <b>Improved Safety Practices:</b> Attendees will adopt safer practices when handling electrical equipment and conducting installations, reducing the likelihood of accidents.</li><li>• <b>Effective Emergency Response:</b> Participants will be able to articulate appropriate responses to electrical emergencies, including the use of first aid and emergency services.</li><li>• <b>Increased Compliance:</b> Organizations represented will show improved compliance with electrical safety regulations and standards as a result of the seminar.</li></ul>



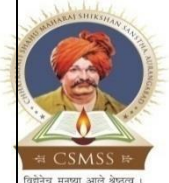
## Photograph



A seminar delivered by Mr. Vivek Jadhav (Assistant Engineer, MSDCL) on “Electrical Safety Works”, dated: 13/03/2024.

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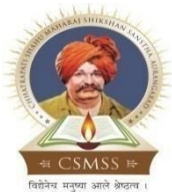
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**DTE Code: 2533**

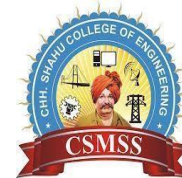
<b>Name of the event:</b>	<b>Pilot Project on EV Assembly Technician by GIZ for ITI students</b>
<b>Date of the event:</b>	12 June 2023 to 14 Dec 2023
<b>Participants</b>	180 Students (6 batches 30 students in each batch)
<b>Location</b>	EV lab
<b>Summary of Event</b>	Department of Electrical Engineering in collaboration with ISIE India Organized Pilot Project on EV Assembly Technician by GIZ for ITI students from 12 June 2023 to 14 Dec 2023. This Project aims to train young technicians in electric vehicle (EV) assembly and maintenance. The program focuses on building practical skills in EV components, including battery installation, electric motor assembly, and wiring systems. Through hands-on training and workshops, students gain valuable experience in EV manufacturing processes and safety standards. The project also introduces participants to the latest trends and innovations in electric mobility. By the end of the program, ITI students are equipped with industry-relevant skills, enhancing their employability in the growing EV sector.
<b>Outcome(s):</b>	<ul style="list-style-type: none"><li>➤ The project contributes to the growth of the electric vehicle ecosystem by preparing a qualified workforce to meet the rising demand in the EV manufacturing sector.</li><li>➤ By equipping students with in-demand skills specific to the EV industry, the project boosts their job prospects in both domestic and global markets.</li></ul>
<b>Photo/s:</b>	 <p><b>Workshop for Engineering Candidates funded by MASSIA and Tata Technologies</b> <b>Venue- EV lab</b> <b>Date- 10<sup>th</sup> Dec 2023</b></p>

  
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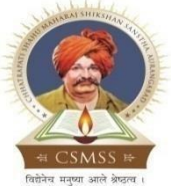


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**DTE Code: 2533**

**ACTIVITY REPORT**

<b>Name of the event:</b>	<b>Talk on Future scope in Electrical Vehicle</b>
<b>Date of the event:</b>	05/10/2023
<b>Participants</b>	Student from Electrical Department
<b>Expert(s) / Guest(s) of the event:</b>	Mr. Vikas Reddy , Director of Voltme Motors PVT LTD-Hyderabad
<b>Summary of the event:</b>	<p>The Department of Electrical Engineering organized an Expert Talk on Electrical Vehicle. It was a good experience for all the students. It was an interactive session conducted by Mr. Vikas Reddy. The speaker discussed the opportunities for the students in the industry and also talked about the new technology. The discussion was very fruitful; it has brought a positive change in the thinking of students. The Students felt grateful for getting this opportunity of interaction.</p>
<b>Outcome(s):</b>	<ul style="list-style-type: none"><li>➤ The talk was fruitful for bringing the positive change in the thinking of students.</li><li>➤ Learnt the industry opportunities for Electrical students.</li></ul>



### Photographs of the event:

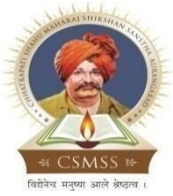


Felicitation of Mr. Vikas Reddy, (Director of Voltme Motors PVT LTD-Hyderabad) in presence of Mrs. Rupali Agrawal (Regional coordinator, ISIE India) with Electrical Dept. students by Dr. R.P. Chopade, CSMSS CSCOE. **Dated: 5/10/2023.**

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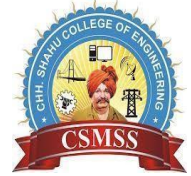
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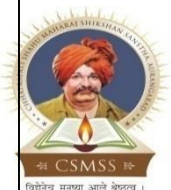


**ACTIVITY REPORT**

<b>Title</b>	Session
<b>Activity Name</b>	<b>Seminar Useful for Young Innovator</b>
<b>Date</b>	19/04/2023
<b>Time Venue</b>	01:00 PM
<b>Organized by</b>	Department of Electrical Engineering
<b>Coordinator Name</b>	Prof. N.N. Nikam
<b>Resource Person</b>	Mr. Nitin Wagh, Pragati power solution
<b>No .of Participants</b>	89 students of SE and TE
<b>Program Objective</b>	The Objective of this Seminar is to inspire creativity and ingenuity among the youth. It seeks to provide a platform for showcasing innovative ideas and projects developed by young minds. The seminar aims to foster collaboration and networking opportunities for aspiring innovators.
<b>Program Outcome</b>	<ul style="list-style-type: none"><li>➤ Awareness among students was created about Innovation.</li><li>➤ Students got the ideas and opportunities in innovations</li><li>➤ Students may gain a better understanding of the innovation process, from idea generation to implementation.</li></ul>
<b>Photograph</b>	 <p><b>Caption: A seminar Useful for Young Innovator</b> <b>Venue: B 203      Date: 19/04/2023</b></p>

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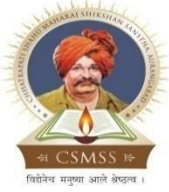
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**DTE Code: 2533**

<b>Name of the event:</b>	<b>Three Days Workshop for Engineering Candidates funded by MASSIA and Tata Technologies</b>
<b>Date of the event:</b>	25/12/2022 to 27/12/22
<b>Participants</b>	230 Students (2 batches, one batch in Dec 2022 and second in Oct 2023)
<b>Location</b>	EV lab
<b>Summary of Event</b>	Department of Electrical Engineering in collaboration with ISIE India Organized Three Days Workshop for Engineering Candidates funded by MASSIA and Tata Technologies from 25/12/2022 to 27/12/2022. Workshop offers engineering candidates a comprehensive introduction to EV technologies. Day one covers the basics of electric vehicle architecture, including battery management systems and electric motors. On day two, students explore advanced topics like electric drivetrains, thermal management, and charging infrastructure. Hands-on sessions allow participants to work on EV design and simulations. The final day focuses on software-hardware integration, with practical projects guided by industry experts. This workshop equips students with essential skills, making them ready for careers in the electric vehicle industry.
<b>Outcome(s):</b>	<ul style="list-style-type: none"><li>➤ Participants gain a deep understanding of EV architecture, battery management systems, electric drivetrains, and charging infrastructure.</li><li>➤ By developing specialized knowledge in electric mobility, participants are better prepared to meet the growing demands of the EV industry, improving their career prospects.</li></ul>
<b>Photo/s:</b>	 <p><b>Workshop for Engineering Candidates funded by MASSIA and Tata Technologies</b> <b>Venue- EV lab</b> <b>Date- 26<sup>th</sup> Dec 2022</b></p>

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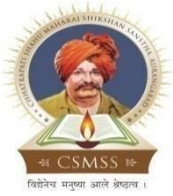
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DTE Code: 2533

<b>Name of the event:</b>	<b>Electric vehicle assembly technician by jalna Janseva group</b>
<b>Date of the event:</b>	22 October 2022 to 10 June 2023
<b>Participants</b>	200 Students (9 batches each of 15 students)
<b>Location</b>	EV lab
<b>Summary of Event</b>	Department of Electrical Engineering in collaboration with ISIE India Organized Electric vehicle assembly technician workshop by jalna Janseva group from 22 October 2022 to 10 June 2023. This workshop provided participants with essential skills in EV assembly and maintenance. The program covered key topics such as battery integration, motor assembly, wiring systems, and safety protocols. Attendees gained hands-on experience assembling electric vehicle components, focusing on both two- and four-wheeler EVs. Industry experts led practical sessions, ensuring participants understood modern assembly techniques and best practices. The workshop aimed to empower local talent with job-ready skills in the growing EV sector. By the end, participants were equipped to pursue careers as EV assembly technicians.
<b>Outcome(s):</b>	<ul style="list-style-type: none"> <li>➤ Participants learn the step-by-step process of assembling electric vehicles, including key components like motors, batteries, controllers, and wiring systems.</li> <li>➤ With the skills and knowledge gained from this workshop, participants are better prepared for technical roles in EV manufacturing, repair, and assembly</li> </ul>
<b>Photo/s:</b>	 <p><b>Workshop on Electric vehicle assembly technician</b>                      <b>Venue- EV lab</b>  <b>Date- 4<sup>th</sup> Dec 2022</b></p>

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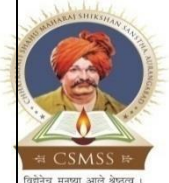


## ACTIVITY REPORT

<b>Title</b>	Session
<b>Activity Name</b>	<b>Seminar on IEEE Publications</b>
<b>Date</b>	29/09/2022
<b>Time Venue</b>	11:00 PM
<b>Organized by</b>	Department of Electrical Engineering
<b>Coordinator Name</b>	Prof. N.N.Nikam
<b>Resource Person</b>	Prof. Amit Borole
<b>No .of Participants</b>	82 students of SE and TE
<b>Program Objective</b>	The Objective of a seminar on IEEE publications would typically be to provide participants with comprehensive knowledge and skills related to publishing research papers, articles, and other scholarly works in IEEE (Institute of Electrical and Electronics Engineers) journals and conferences.
<b>Program Outcome</b>	<ul style="list-style-type: none"><li>➤ Awareness among students about Research papers.</li><li>➤ Students got the ideas about Literature Review Proficiency.</li><li>➤ Students got the ideas about Technical Writing and Presentation Skills</li></ul>
<b>Photograph</b>	 <p><b>Caption: Seminar on IEEE Publications</b> <b>Venue:B 214    Date: 29/09/2022</b></p>

  
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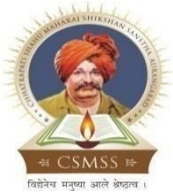
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**DTE Code: 2533**

<b>Name of the event:</b>	<b>Six-week internship for diploma students- EV design and Development</b>
<b>Date of the event:</b>	20/06/2022 to 30/07/2022
<b>Participants</b>	20 Students
<b>Location</b>	EV lab
<b>Summary of Event</b>	<p>Department of Electrical Engineering in collaboration with ISIE India Organized Six-week Internship on EV Design and development for GIT diploma students from 20/06/2022 to 30/07/2022. This Internship focuses on providing hands-on experience and in-depth knowledge of electric vehicle systems. Participants will learn the fundamentals of EV architecture, battery management, electric drivetrains, and power electronics. The internship includes practical sessions on EV design, CAD modeling, and simulation tools. Students will work on real-world projects, gaining exposure to the latest technologies in the EV industry. They will also engage with industry professionals and mentors to better understand the design and manufacturing processes. This internship prepares students for careers in electric vehicle development, enhancing their employability in the fast-evolving EV sectors</p>
<b>Outcome(s):</b>	<ul style="list-style-type: none"><li>➤ Students gain hands-on experience in designing and developing electric vehicles, including working on key components such as batteries, motors, and control systems.</li><li>➤ The internship boosts students' employability by equipping them with industry-ready skills, making them more attractive to employers in the electric mobility sector.</li></ul>
<b>Photo/s:</b>	 <p><b>Workshop on EV Design and Development</b>      <b>Venue- EV lab</b> <b>Date- 28<sup>th</sup> June 2022</b></p>

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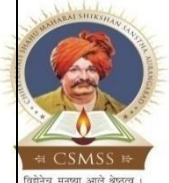


**ACTIVITY REPORT**

<b>Title</b>	Session
<b>Activity Name</b>	<b>One-day Workshop on Entrepreneurial mindset</b>
<b>Date</b>	18/02/2022
<b>Time Venue</b>	11:00 PM
<b>Organized by</b>	Department of Electrical Engineering
<b>Coordinator Name</b>	Prof. N.N. Nikam
<b>Resource Person</b>	Saurabh Chaure Senior sales executive
<b>No .of Participants</b>	88 students of SE and B. Tech
<b>Program Objective</b>	The objective of this workshop on entrepreneurship mindset is to foster a culture of innovation and risk-taking. Participants will learn to identify opportunities, overcome challenges, and think creatively. The workshop aims to instill confidence and resilience in aspiring entrepreneurs. Through interactive sessions, it seeks to cultivate an entrepreneurial mindset that embraces adaptability and problem-solving.
<b>Program Outcome</b>	<ul style="list-style-type: none"><li>➤ Awareness among students about Start up.</li><li>➤ Students got the ideas about Entrepreneur.</li><li>➤ Students got the ideas about new innovation.</li></ul>
<b>Photograph</b>	 <p><b>Caption: Workshop on Entrepreneurial mindset</b> <b>Date: 18/02/2022</b></p>

  
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**DTE Code: 2533**

<b>Name of the event:</b>	<b>One Month Internship on EV for GIT diploma college Students, Kerala</b>
<b>Date of the event:</b>	05/08/2021 to 05/09/2021
<b>Participants</b>	30 Students
<b>Location</b>	EV lab
<b>Summary of Event</b>	Department of Electrical Engineering in collaboration with ISIE India Organized One Month Internship on EV for GIT diploma college, Kerala students from 05/08/2021 to 05/09/2021. This internship provided a comprehensive learning experience focused on EV technologies. Students were introduced to key concepts like battery management systems, electric motors, power electronics, and charging infrastructure. Throughout the internship, they engaged in hands-on projects, including EV design, simulation, and testing, under the guidance of industry professionals. By the end of the internship, participants gained valuable skills in EV technology, enhancing their career prospects in the growing electric mobility sector.
<b>Outcome(s):</b>	<ul style="list-style-type: none"><li>➤ The internship focuses on skill development in areas like battery management systems, EV manufacturing, and maintenance, preparing students for roles in the EV industry.</li><li>➤ By completing the internship, participants enhance their resumes with specialized EV knowledge, increasing their job prospects in the rapidly growing electric vehicle sector.</li></ul>
<b>Photo/s:</b>	 <p><b>Internship on EV for GIT diploma college Students</b>      <b>Venue- EV lab</b> <b>Date- 5<sup>th</sup> Sept 2021</b></p>

  
Activity coordinator

  
HOD