



Centre of Excellence in Maritime and Shipbuilding (CEMS)

(A Skill Development Initiative by Govt. of India / Ministry of Ports, Shipping and Waterways / Sagarmala)

This is to certify that Ms. L.Jeevan Sai Studying

B.Tech VIII Semester of EEE Department having Roll No 17A91A0218

from Aditya Engineering College, Surampalem, Andhra Pradesh.

has successfully completed Industrial Internship Program on

Basics of PLC

Basics of SCADA

Basics of AC- DC Drives

Industrial Visit Hindustan Shipyard Limited (HSL)

Conducted by

Centre of Excellence in Maritime and Shipbuilding (CEMS), Gandhigram,
Visakhapatnam

Certificate No:

Date: 09/02/2021

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ADITYA ENGINEERING COLLEGE
SURAMPALAM - 533 437



Authorized Signatory

Handwritten signature

Cdr. Gopikrishna Sivvam, IN(Retd.)
Chief Operating Officer-CEMS

From: Livingston Francis <Livingston.Francis@cemsindia.org>
Sent: monday, february 1, 2021 9:35 AM
To: Principal <principal@aec.edu.in>;
Subject: Internship courses.

Respected Sir,
**Greetings from Centre of Excellence in Maritime & Shipbuilding
(CEMS)!!!!!!**

As we signed MoU with your esteemed organisation and looking forward for kind support to take it further. At present we are focusing on Internship program and details as follows. I would also request you to pls circulate among the interested students. It is applicable for Mechanical, ECE, CSE & Electrical Branches.

CEMS Focus:

- Qualitative improvements in Technical Education
- Improvements in labs infrastructure by adopting latest open technologies in Engineering design, Manufacturing, Analysis and Management to serve the needs of targeted industries.
- Train students in CAD, CAM, CAE, Advance Manufacturing and design to improve employability.
- Facilitate the pursuit of career opportunities by up skilling of Diploma Graduates, Under Graduates, Post Graduates, Research Scholars and working professionals
- Enable technology adoption by Students and Faculties of the colleges through the State-of-the-art Manufacturing and Digital technologies.
- Create skilled manpower pool to cater to current and future industrial landscape of the region. Availability of trained workforce to attract industries to set up units in the coastal regions.
- Promote Industry – Academia partnership. Establish industry partnerships to guide, support, and validate industry relevant learning activities
- Promote innovation, assist exploratory research projects to foster relevant Industry innovation
- Skill up-gradation of faculty.
- Update course curriculum to align with modern industrial practices.
- Serve as a knowledge base and thought leader for the targeted disciplines
- The program leverages Siemens technologies to develop curriculum as per industry processes to cultivate future professionals and academic faculty. The program offers courses for Beginner, Intermediate and Advanced Levels. The program involves continuous training, monitoring and assessment of students.
- Would create a web-based platform, where all students will be enlisted.


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- Continuous evaluation of students through tests and assignments. The students will be required to complete the assessments before they get certification.
- To enable students, transcend the knowledge barrier, Siemens has designed self-directed interactive learning solutions that can transform the process of educating novice users on complex products and processes. These self-directed learning solutions provide better retention, shorter learning curves and increase productivity.
- Self-Directed Interactive Digital training approach creates an efficient solution for users to get trained on products and processes. A student is taught to use the product or understand the process in a simulated engineering environment. The effectiveness of learning is enhanced as it engages learners with interactivity and multimedia along with the demonstration of various procedures, practicing the steps, and interactive assessment. It also provides flexibility to learn anytime with self-paced learning and evaluation.

Students Trainings (available for B. Tech & MTech students) on various technologies available at CEMS Centre's.

- Short term courses (average 40 hrs of training)
- Diploma & Certificate courses (average 200 hrs of training)
- Weekend / semester vacation courses
- Training for pass out students.
- Onsite Courses can be conducted for some courses.
- Faculty Development Program at CEMS Centres
- Internships as per AICTE guidelines at CEMS by participating institutes students

All courses of CEMS shall be certified by Siemens and Indian Register of Shipping (IRS)

The courses offered at CEMS are suitable for cross sections of Engineering Industry besides Maritime sectors. Thus the courses offered are suitable for 2nd/3rd/4th year students from BE/B.Tech or final year students from Diploma in Mechanical/ EEE/ Electrical/ Instrumentation/ Production/Aviation Engineering.

May I request you to help in disseminating the information, about the Government initiative to your students and advise them to utilize the facility so that they will be well equipped with job relevant skills and get job ready. The courses are offered by CEMS, being 'Not for Profit' company, are hugely subsidized.

8. Further Visakhapatnam campus has necessary Hostel accommodation facilities for trainees at highly affordable rates.
Soliciting your kind support.



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Warm Regards
Livingston Francis

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