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**JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY KAKINADA**  
**KAKINADA-533003, Andhra Pradesh (India)**  
(Established by A.P. Govt. Act No.30 of 2008)

**Prof. V. V. Subba Rao**  
B.Tech. M. E., Ph.D.  
**REGISTRAR**

Date: 25.01.2019

## **CIRCULAR**

Centre of Excellence in Maritime and Ship Building (CEMS) is conducting a Meeting for Principals of all Engineering Colleges on 02 February, 2019 at CEMS Visakhapatnam

***Agenda: - To spread awareness of the courses and to showcase the state of art laboratories.***

The Principals of affiliated colleges, who are interested are requested to participate in the Meeting.

**Date: 02-02-2019**

**Venue: CEMS, Indian Maritime University (IMU), Gandhigram, Vishakhapatnam.**

  
**REGISTRAR**  
**REGISTRAR**  
J.N.T. University Kakinada  
KAKINADA-533 007

To  
Copy to All Affiliated Colleges  
Copy to Secretary to Vice-Chancellor, JNTUK.  
Copy to PA to Rector, JNTUK, Kakinada.  
Copy to PA to Registrar, JNTUK  
Copy to PA to OSD  
Copy to the Principal, UCEK, UCEV, UCEN



## CENTRE OF EXCELLENCE IN MARITIME & SHIPBUILDING (CEMS)

CIN: U74999MH2017NPL300514

( A section 8 Private Limited Company promoted by Indian Register of Shipping)

Indian Maritime University (IMU), Opp. HSL Complex, High School Road, Gandhigram,  
Hindustan Shipyard Colony, Vishakhapatnam, Andhra Pradesh - 530011.

E-mail: info@cemsindia.org Website: www.cemsindia.org

GST No.: 37AAHCC2313E1Z4

To  
Dr L Sumalatha  
Director Skill Development  
JNTU  
Kakinada – 533 003

CEMS/V/2019/JNTU/01

23 Jan 19

Sub: Proposal for Conducting Conference for Engineering College Principals at Centre of Excellence in Maritime and Shipbuilding (CEMS), Visakhapatnam

Dear Madam,

1. Greetings from CEMS.
2. At the outset, I would like to convey my gratitude for the kind courtesy extended to me during my visit to your office on 22 Jan 19.
3. I am writing this letter to apprise you about the new Skill Development facility set up at Visakhapatnam by Sagarmala, Ministry of Shipping/Govt. of India, details about which are given in the succeeding paragraphs.
3. **Centre of Excellence in Maritime and Shipbuilding(CEMS) – Promoters.** CEMS is a well-funded start up in skill development for Digital Smart Manufacturing with total project cost of Rs 765.92CR. **CEMS is a Section 8 Company, set up on a 'not for profit' basis.** It has been formed to support the efforts of industry by upskilling the man power and is promoted by: -
  - **Indian Register of Shipping is an operational partner and has provided funding of Rs 50.38Cr (6.58%).**
  - **Sagarmala, Ministry of Shipping/ Government of India has provided seed funding of Rs 50.13Cr(6.55%)**

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- **M/s Siemens Industry Software (India) Private Ltd is a technology partner and has provided funding of Rs 665.41Cr(86.88%) in kind- in form of Equipment, Software, Hardware and teaching Faculty.**
4. 18 advanced state of the art laboratories have been set up at CEMS Vizag campus located in IMU campus, Gandhigram, Visakhapatnam. The details of the labs are given at enclosure. The Centre caters for following: -
- a) **Training for Industrial 4.0/ Digital 4.0 level.** The laboratories at CEMS, Visakhapatnam are equipped with the state of the art hardware, which is the same, if not of higher configuration as that used in the industry. CEMS aim to transcend manufacturing/ maintenance to **Industrial 4.0/ Digital 4.0 level**, to enhance productivity and optimize production costs.
  - **Courses are Offered in all Relevant Mechanical/Electrical/Electronics/Instrumentation/Robotics.** CEMS Courses cover all above disciplines and more and involve both theoretical as well as practical aspects and are offered in Software Design, Robotics, Mechatronics, SCADA controls, AC and DC Drives, switchgear, pumps, pneumatics and hydraulics, radar, Product Life Cycle Management, Advanced Manufacturing, Instrumentation, Dimensional Accuracy checks, Hull design etc.
  - c) **Courses in form of Internship.** CEMS Courses will simulate the manufacturing experience and will provide exposure to various labs and streams of engineering akin to Industry experience. It will also give deep insight into the manufacturing processes.
  - d) **Courses are Designed and Imparted by M/s Siemens and its Domain Partners.** The labs are equipped with the latest version of licensed software from Siemens like NX11, Technomatix and Robcad etc. They are further supported by CEMS team, which provide the latest technical and domain expertise in the respective domain areas.
  - e) The training programme is so designed as to provide maximum practical time for the participants to have hands on skills experience. The training faculty is from Industry and academic background and the participants' knowledge will be thoroughly enriched through interaction.
5. The above facility is an asset to engineering and diploma students located in and



around Visakhapatnam for learning job relevant skills at highly subsidised rates.

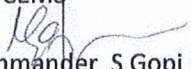
6. To showcase the facility at CEMS, Visakhapatnam and to spread the awareness of the state of art laboratories and the courses in it to reach out to the students, we are conducting a meeting for Principals of all Engineering Colleges on 02 Feb 19 at CEMS, Vizag

7. We therefore request your kind support to take forward this initiative by Govt of India by deputing Principals of all engineering colleges affiliated to JNTU Kakinada.

Regards,

Yours faithfully,

For CEMS

  
Commander S Gopi Krishna (Retd)  
Chief Operating Officer

Encl: As above.

