

MEMORANDUM OF UNDERSTANDING
Between

Swarnandhra College of Engineering and Technology
(Autonomous)

Seetharampuram, Narsapur, Andhra Pradesh 534280

&

Centre of Excellence in Maritime & Shipbuilding (CEMS)
**(A Skill Development Initiative by Govt. of India /Sagarmala-
Ministry of Ports, Shipping and Waterways)**

**Opp.HSL Complex, Gandhigram, Visakhapatnam, Andhra
Pradesh-530005**

R.V. Satyanarayana





This Memorandum of Understanding (hereinafter referred to as "MoU") is entered into this agreement on this day 5th June, 2024 by and between Swarnandhra College of Engineering and Technology(autonomous) Seetharampuram, Narsapur, Andhra Pradesh 534280 and Centre of Excellence in Maritime & Shipbuilding located at, Gandhi gram, Visakhapatnam – 530 005 for signing the **Platinum Membership for the year 2024-2025**.

Centre of Excellence in Maritime & Shipbuilding (hereinafter referred to as "CEMS"), located at, Gandhi gram, Visakhapatnam – 530 005, India is a well-funded startup in skill development for imparting training with industry 4.0 focus on advanced Design, Automation, Manufacturing and Maintenance, Repair & Overhaul (MRO) domains which caters for all industrial sectors. It is promoted by Indian Register of Shipping in partnership with Siemens and support from Sagarmala, Ministry of Shipping/ Govt of India with an aim to provide globally relevant skilled technical manpower in the latest manufacturing technologies for ship building/repair and high-end manufacturing sectors.

CEMS is a dedicated Centre for facilitating professional development and skill enhancement in maritime, infrastructure and manufacturing sectors. It is aimed to build competency in manufacturing industry with industry 4.0 focus by imparting right skills and create skilled manpower pool to cater to current and future industrial landscape of the country, thereby providing better employment opportunities to students and work force.

AND

• **Swarnandhra College of Engineering and Technology(autonomous)** (hereinafter referred to as SCET Seetharampuram, Narsapur, Andhra Pradesh 534280. SCET with a motto of providing quality engineering education in a highly disciplined environment with international standards, along with character building of students who will be able to stand up to the challenges of the present employment market with a vision to foster prosperity through technological development by means of education, innovation and collaborative research and emerge as a premier technical institution..



Centre of Excellence in Maritime and Shipbuilding (CEMS)
(An Initiative by Govt of India - Ministry of Ports, Shipping & Waterways)

Mumbai : 52A, Adi Shankaracharya Marg, opposite Powai Lake, Powai, Maharashtra 400072, India. **Tel Off:** 022-71199385

Vizag : Opp, HSL Complex, Gandhigram, Visakhapatnam, A.P-530005, India. **Tel Off:** 0891-2704010

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The mission to provide quality education of international standards for producing technocrats and future leaders in a disciplined and conducive environment as an integral part of our social commitment to promote education globally. SCET is a pioneering Institution of Higher Education in India with Potential for Excellence by the UGC. The portal of this great temple of learning has welcomed intellectual, cultural and social giants from the length and breadth of the Country who left indelible footprints on the sands of time making SCET a proud alma-mater.

AND TOGETHER HEREAFTER REFERRED AS PARTIES

Whereas the first party CEMS, Visakhapatnam, will provide above courses across 18 specializations;

And whereas the second party SCET, is an Educational Institution providing education in various U.G and P.G programs including certificate courses in Engineering. It has the vision and mission to impart quality education of international standards with a major focus on conducting skill development and outreach programs.

GENERAL Agreement

In order to facilitate industry-institute interaction for technical advancement, to develop academic and industrial relationships and support collaborative research activities, **Swarnandhra College of Engineering and Technology (autonomous) hereinafter** addressed as SCET and Centre of Excellence in Maritime & Shipbuilding, hereinafter addressed as CEMS, agree to establish this Memorandum of Understanding (MOU) as a framework for cooperative programs.

ARTICLE I **Faculty Visits and Training**

It is agreed that linkages will be strengthened by visit of faculty from SCET to CEMS and CEMS faculty to SCET. The purpose of these visits by the faculty is primarily to facilitate the following:

- * Training of SCET faculty by member of CEMS on Design, Advanced Manufacturing and as well as on Automation and MRO
- * Training and exposure of faculty with focus on Industry 4.0 Skills
- * Assist faculty and students of SCET for project studies.

Arrangements for each such visit will be made by SCET. Purpose, timing and other details concerning these exchanges and short visits in this regard shall be mutually acceptable to both the institutions. It is agreed that information concerning the purpose and duration of the visit by the faculty, the proposed topics of study, details of the personnel visiting and any further details, as required, will be provided to CEMS by SCET at least two weeks prior to the proposed visit.



K.U.Satyendra

ARTICLE II Student Training

Further to the above, it is also agreed that CEMS will support and facilitate visits of groups of students from SCET to CEMS. The purpose of these visits by the students is as follows:

- * Industrial visits at II-year level to study and understand functioning of an industrial establishment
- * Industrial visit at III-year level to undertake mini-projects and pilot studies for full-fledged projects

A. As in the case of Article I, arrangements for each such visit will be made by SCET in the form of formal letters seeking permission as well as the convenience of CEMS to send the student groups. Purpose, timing and other details concerning these exchanges shall be mutually acceptable to both the institutions. It is agreed that information concerning the number of students visiting, duration of the visit, the proposed topics of study and any further details, as required, will be provided to CEMS by SCET at least two weeks prior to the proposed visit.

Swarnandhra College of Engineering and Technology (autonomous)(SCET)Agreed to send students in a academic year for Industrial /Internship Training (Mech, EEE, Electronics, Automobile) to CEMS on chargeable basis(subsidized).CEMS will charge course fees for conducting various courses will be decided mutually. The course fees will include training fees and cost of consumables used for training. Cost of Raw Material required for projects, where applicable will be borne by the students. Study material soft copy will be provided to the trainees. Accommodation, if needed by the students can be arranged in CEMS hostei at a nominal fee of Rs 100 for accommodation. And for food the students can contact directly to the caterer. The accommodation is sharing type and can be made available on prior intimation only.

A. Trainings available for Diploma Students on various technologies available at CEMS Centre's.

- Short term courses
- Diploma & Certificate courses
- Weekend / semester vacation courses
- Training for pass out students.
- Faculty Development Program at CEMS Visakhapatnam.
- Customized courses for students & faculties as per the requirement.
- Availability of Labs for undertaking Industry Projects and experiments.
- Teaching staff or research scholars of the participating institute can use resources of CEMS for their thesis work.

1. CEMS and SCET have mutually discussed and agreed to enter into this agreement as detailed hereinafter.



*12.10.2023
R.V. Satyanarayana*

Now Therefore, in consideration of the mutual promises contained herein and other good and valuable consideration, the receipt of which is hereby acknowledged, the parties agree as follows:

1. The course fee for each of the course will be decided mutually. Fees will be revised in Mutual Discussion with the college Representatives. The tentative course fee is provided in the annexure.
2. The participating College shall provide the students of its College as per the time table decided for the course enrolled by its students. The participating College will treat the time spent by its students at CEMS as regular attendance for its academic regulations.
3. The participating College shall provide its transport facility to students wherever possible to attend CEMS classes. Otherwise, transportation will be responsibility of students.
4. CEMS shall collect the course fee either directly or the participating institute can collect the fee and remit it to CEMS.

NEFT/RTGS DETAILS FOR REMITTANCE OF FEES:

BANK NAME	ICICI BANK
A/C NAME	CENTRE OF EXCELLENCE IN MARITIME & SHIPBUILDING (CEMS)
A/C NO	A/C N0-126901000796(Saving AC)
BRANCH	HSLCOMPLEX, VISAKHAPATNAM.
IFSC CODE	ICIC0001269

Center of Excellence in Maritime & Ship Building Visakhapatnam, has excellent infrastructure and qualified trainers and man power to impart skill training and to offer Diploma and Certificate Programs

ARTICLE iii **Courses: Seminars, Workshops, Refresher Courses**

It is agreed that SCET will arrange periodic seminars, workshops and refresher courses in collaboration with CEMS. The purpose of these courses is to facilitate and maintain on-going Industry-Institute Interaction as well as provide a forum for faculty



of SCET as well as those of institutions in the vicinity to discuss on topics of current interest both to SCET as well as CEMS. Experts from CEMS as well as faculty from SCET with significant exposure in the topic of interest will coordinate and conduct these courses.

Arrangements for such courses will be made by SCET in keeping with the convenience of experts from CEMS. Purpose, timing and other details concerning these courses shall be mutually acceptable to both the institutions. It is agreed that information concerning the duration of the visit, the proposed topics of the course and any further details, as required, will be mutually discussed by SCET with CEMS by SCET at least one month prior to the schedule of the course or workshop.

CEMS and SCET will also work jointly to hold a International Conference at SCET (with Scopus indexed conference proceedings) in emerging technologies.

ARTICLE IV Cooperative Research

It is anticipated that significant opportunities, of which a few have been identified, exist for cooperative research between SCET and CEMS. Such clearly beneficial activities may require specific arrangements. In view of the importance of cooperative research, CEMS will provide necessary support to visiting faculty from SCET to study research problems at CEMS. Such problems will be analyzed and solutions suggested by SCET.

ARTICLE V Competence in Consultancy

It is also anticipated that significant opportunities exist for taking up consultancy works with industries. SCET has state-of-the-art equipment ideally suited to taking up consultancy work for industries in the area of materials testing, machinability testing, fabrication of complicated parts, dynamic testing or equipment etc. CEMS will provide necessary assistance and guidance to SCET to develop such consultancy capabilities initially by working on challenges faced by CEMS and later extending the expertise gained to other industries.

ARTICLE VI Exchange of Scientific Materials

Both the collaborating parties agree to exchange as widely as is practicable such items as scientific publications and journals, college calendars, prospectuses, text books, course outlines and reference materials that may be necessary and of use to either party.



ARTICLE VII **Duration of Memorandum of Understanding**

The effective date of this MOU shall be one year.....1 year. The MOU shall extend for a period of 1 (One) year and may be renewed upon mutual written agreement. The MOU may be modified by mutual written agreement. The MOU may be terminated by either CEMS or by SCET with notification to the other party six months prior to the effective date of termination.

ARTICLE VIII **Indemnification**

Centre of Excellence in Maritime & Shipbuilding (CEMS) and SCET shall each indemnify and hold harmless the other, its faculty/officers, agents and employees, for any and all liability, damages and costs attributable to the negligent acts or omissions of the indemnifying party, its faculty/officers, agents and employees while acting in the scope of their employment and in furtherance of activities described in this Memorandum of Understanding.

ARTICLE IX **Liability Insurance**

Each party shall maintain its own insurance in amounts deemed appropriate for its operations. Such insurance shall provide coverage for negligent acts, errors, or omissions and provide protection against bodily injury or property damage claims. It is expressly understood that each party shall be solely responsible for its own actions and such insurance shall not extend to protect any other party.

ARTICLE X **Conduct**

Each party shall abide by the rules and regulations of the host institution especially in regard to visits by the faculty/students of SCET to CEMS.



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ARTICLE XI

Our Offerings to Platinum Member

Head	Description
Access to all Labs at discounted rates. - 1 day visit	Access to all the Labs in CEMS. Shall be treated as an Industrial visit for Students
FDP - 3 days	FDP as per the domain. Dates and domain shall be decided by CEMS in consultation with the members. This FDP shall be on technical subjects. Per member is eligible for nominating 10 persons per batch. Duration is 4 times per year.
Webinar for Students & Faculty -	Webinar on latest trending technologies.
Discount to Students for Internship	Annual Internship
Industry Experts - Seminar	Seminar on Best practices and by HR
Campus Ambassadors	Represent CEMS in the campus
Workshop	Workshop in college
Credit Course	15 hrs for a batch of 30 students
Placement assisted program	CEMS shall conduct placement assisted programs in 2,3 in campus 7 & 4 th year in hybrid mode.



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Sl.No	Offerings	Platinum
1	One year access to all Labs at discounted rates	Yes
2	Faculty training programs -Technical & Pedagogy	Yes- 4 times, 10 faculty
3	Technical & Motivational Webinars for students and faculty.	Yes- 4 times a year
4	Discount for internship & Projects	Yes -30%
5	Interaction – HR and Industry Experts	Yes
6	Campus Ambassadors	Yes
7	MOU for NAAC Accreditation	Yes
8	Workshop in College	4 Nos
9	Credit Course	30 Hrs , 60 Students
10	Placement assisted program -Discount	Yes -30% for 200 students
	Total Benefit to the Institute	35.9 Lakhs

	Subscription Plan	3.2 Lakhs
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Annexure for Platinum Plan.

1. Access to all Labs - 1 day visit.
 - a) Actual price per student = Rs 250/-
 - b) Discount given per Student =Rs 150/-
 - c) Net Price per Students = $(250-150)$ = Rs 100/-
 - d) 150 students participating for 1 day visit so the college gets benefit of $150 * 100$ = **Rs15000/-**
2. FDP - 3 days.
 - a) No of Participant = 10
 - b) The cost per participant = Rs 8000/-
 - c) No of FDP in a year =4
 - d) Direct benefit to the college of $10 * 4 * \text{Rs } 8000$ = **Rs 320000/-**
3. Webinar for Students & Faculty.



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- a) No. of Participant =150.
- b) The cost per participant =Rs 400.
- c) No of webinar in a year =4.
- d) Direct benefit to the college of Rs 400 *150*4= **Rs 240000/-**

4. Industry Experts – Seminar.

- a) No. of Participants = 500
- b) The cost per participant =Rs250.
- c) Direct benefit to the college of Rs250 *500= **Rs 125000/-**

5. Campus Ambassadors.

- a) No of Participant =2
- b) The cost per participant =Rs 25000
- c) Direct benefit to the college of Rs25000*2= **Rs 50000/-**

6. Discount to Students for Internship

- a) Actual Price per student = Rs 8000
- b) Discount given per Student =Rs 2400/-(30% of Actual Price)
- c) Net Price per Students = (Rs 8000-Rs 2400) = Rs 5600/-
- d) 150 students participating for Internship so the college gets benefit of 150 *2400= **Rs 360000/-**

7. Placement assisted program

- a) Actual Price per student = Rs 30000
- b) Discount given per Student =Rs 9000/-(30% discount per students)
- c) Net Price per Students = (Rs 30000-Rs 9000) = Rs 21000/-
- d) 200 students participating for PAP so the college gets benefit of 200 *9000= **Rs 1800000/-**

8. MoU for NAAC Accreditation-

- a) Free of Cost.

9. Workshop in College

- a) No. of Workshop in a year=4
- b) The cost per workshop =Rs 50000.
- c) Direct benefit to the college of Rs 50000 *4= **Rs 200000/-**

10. Credit Courses@15hours

- a) No. of participant =60
- b) No of Credit Courses in a year =2.
- c) Cost per participant =Rs 4000
- d) Direct benefit to the college of Rs 4000*60*2= **Rs 480000/-**

- **Total Benefit to the Institute shall be**
(1D+2D+3D+4C+5C+6D+7D+8A+9C+10D) = Rs 3590,000/-
- **Offer Price for Platinum Membership – Rs 3.2 Lakhs.**



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- We are not charging any fee for Webinar for students and Faculty, Industry Experts Seminar, Campus Ambassadors, MoU for NAAC Accreditations, Workshop in college & Credit courses
- Platinum Membership is valid for 1 year from date of signing.

In witness hereof, the Centre of Excellence in Maritime & Shipbuilding (CEMS), and Swarnandhra College of Engineering and Technology(autonomous) (SCET) have executed those presently in manner hereinafter mentioned on the 05 day of JUNE. 2024 at .. SCET, Narasapur.

<u>SIGNED ON BEHALF OF</u>	
Centre of Excellence in Maritime and Shipbuilding (CEMS)	Swarnandhra College of Engineering and Technology(Autonomous)
Signature:  S. Gopi Krishna 5/6/24	K.U. Satyanarayana.
Chief Operating Officer (COO)	Designation: Chairman Swarnandhra College of Engineering & Technology Seetharamapuram - 534 280, W.G.Dl.
<u>Witness</u>	
Name: Livingston Francis Signature 	Name: DR. B. Ramana Kumar Signature 
Designation: Marketing Manager	Designation: Professor/ECE dept.



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