



University of Louisiana at Lafayette, College of Engineering

MarineTech



STEM Preparation through Marine Engineering, Science and Technology Experiences



Goals:

1. Increase students and parents awareness about careers in the STEM workforce, specifically in marine engineering and technology.
2. To attract students towards marine engineering and technology careers to meet the critical shortage of workforce in this area.
3. To train students in the use of information and communications technology tools to work collaboratively on group projects.
4. To equip teachers with resources and professional development to improve mathematics and science

Program Summary

- Instructional modules for 4 marine kits will be developed
- 20 teachers from each area will be trained in the use of 4 Marine Kits and related instructional modules
- Teachers will implement Marine Kits and instructional modules in classroom before bringing students to the Marine Career Day during Year 2 and Year 3



Summer Workshops for Teachers: (Two Days per Year)

1. Marine Kits 1-4: Inquiry Based Learning
(July 10-11, 2012)

Expectations from Teachers:

- Summer Workshop (Two days / year)
- Implementation of Marine kits and Sea Perch in classrooms
- Mentor and guide students through communication, follow-up, showcases and competitions.

Teacher Workshop Location

University of Louisiana at Lafayette
Dept. of Mechanical Engineering
Room no. 324, Rougeou Hall, E. Lewis St, Lafayette, Complimentary Parking Available.

Workshop Organizer & Contact for Workshop :

Dr. Suren N Dwivedi
Professor, Dept. of Mechanical Engineering
University of Louisiana at Lafayette
Lafayette, LA-70504, Ph: 337-482-5361 (Office)
Email: suren7483@gmail.com

Invited Speaker

Dr. Alok K. Verma, ODU.

For Registration :

Dr. Suren N Dwivedi, Professor
University of Louisiana at Lafayette
Email: nsfworkshop2012ull@gmail.com
Please email: Name, Address, Tel No, E-mail,
Courses you teach, Grade level and School address.



Selected Registered participating teacher will receive a stipend of \$400 (Seats are limited)