

## MTS INDIA SECTION PRESENTS

**TECHATHON - MARITIME COMPETITION-2018**  
22<sup>nd</sup> -23<sup>rd</sup> January at SRM University, Kattankulathur

### About the Competition:

The theme of the maritime competition will be based on remote communication at sea. The challenge of the project would be to develop a communication system for marine purpose without GSM or satellite phones.

### About MTS India Section:

MTS-India section is one of the newest additions to MTS to spread the awareness, understanding and advancement of marine technology around the world in India.

**Dr.R.Venkatesan**- Chairman, MTS India Section

**Mr.K.Nandakumar**- Secretary, MTS India Section

### Problem Statement:

- 1) Source a technology that enables peer to peer connectivity.
- 2) Find a way to send and receive chat messages
- 3) Send and receive geo locations.
- 4) Show rest of your team with range and bearing from you.
- 5) Range two Km line of sight

### Significance Factors (SF) maximum- 6:

SF1: Identify appropriate technology-10 points	SF2: Transmit 100 characters between devices-30 points
SF3: Transmit geo location to second device-40 points	SF4: Range achieved for transmission (max 2Kms)- 40 points
SF5: Show range and bearing of your buddies-40 points	SF6: Ergonomics, design and cost of the production- 10 points

### Note:

- Abstract submission need to be submitted to the mail mentioned below.
- The participants need to give 15 mins presentation and the prototype of the setup need to be explained with demo.
- The participants should bring all the required components for the demo.
- Boarding and lodging for required participants will be arranged inside the campus at affordable cost.

### Registration fees:

Participants per team-INR 500/-

MTS members per team -INR 250/-

**LAST DATE OF SUBMISSION:** 14.01.2018.

### Team criteria:

- A team should contain maximum of **3 members** only.

**Registration Link:** <https://in.explara.com/e/srm-mts-maritime-competition-2017>

**For more information:** <http://www.indiamts.com>

All Communication should be addressed to:

**Dr.J.Preetha Roselyn** - MTS Faculty Mentor, SRM University

Mail id: [preetharoselyn.j@ktr.srmuniv.ac.in](mailto:preetharoselyn.j@ktr.srmuniv.ac.in)

\*Attractive prizes: Prizes worth 50,000/- will be given to the winner and 10000/- for runner-ups along with medals and winners will be mentioned in MTS US website\*

\*All participants will be awarded certificate of participation from MTS international chapter.

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