



Course	Mobile Computing	Year / Semester	IV / I
Topic	Mobile Adhoc Networking	Innovative Method Chosen	Flipped Classroom

### Flipped Classroom:

Flipping the classroom is an inverting the classroom approach to teaching. In this approach, the traditional in-class teaching is "flipped" to better meet the needs of individual learners. Students gain control of the learning process through studying course material outside of class, using readings, pre-recorded video lectures. It helps the faculty/lecturer to redefine in-class activities and include homework problems and keep the students engaged in the content.

### Justification:

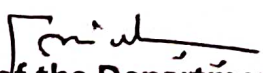
MANET and VANET is an important topic in telecommunications. The activity of group discussion makes it easier to learn the topic of MANET and VANET. It helps the students to get a comprehensive knowledge on this topic. Students think individually and share their ideas with their classmates, which improves creative thinking and oral communication skills.

### Details of the Implementation:

- ↓ **Plan:** Mobile ad hoc networking (MANETs) already learnt in the subject mobile networks and few topics related to MANETs is given as self-learning through self-exploration.
  - ↓ **Identify and Share:** Related materials are identified and I posted relevant references/materials/notes of mobile computing to the students and given as self-learning. The Figure.1 shows the activities / discussion as a team on the self-exploration topics.
  - ↓ **Evaluate:** Faculty have prepared few questions related to the content shared and ask those questions in the class session and make the students to write/present in class. The Fig.1 images shows the student --- **B. HARSHA (229P1A0522)** and **B DEVI SAI (229P1A0512)** explaining the self-explored concepts on Mobile Ad hoc Networks.
- Make the students to find out the answer by their own by learning.



  
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