



## DEPARTMENT OF ELECTRONICS AND COMMUNICATION

### Report on Three day workshop on “Problem solving skills-An Innovative and Creative approach” by Tomorrows Engineers Club

MVJ College of Engineering, “Tomorrow’s Engineers club” had organized a three day workshop on “**Problem solving skills: An innovative and creative approach**” from 18<sup>th</sup> Aug 2016 to 20<sup>th</sup> Aug 2016. This workshop was organized for 30 participants from various disciplines of engineering.

The objective of the “Tomorrow’s Engineers club” is to make its members successful inside and outside the class room, by taking up engineering as a team sport , get involved with other student fellow members , discover new areas of interest and develop practical and leadership skills.

Understanding the role of an engineer in the society and recognizing the need for problem solving capability in tomorrow’s engineers ,the workshop provided a platform for the participants to think out of the box and come out with ideas to solve some open ended problems around them.

In this three day workshop the student participants had an insight of

1. What is engineering? and marvels in engineering field.
2. Importance of problem solving skills, creativity and innovation in engineering.
3. A systematic approach towards problem solving.

The 30 participants from different disciplines were grouped into diverse teams. Each team had to identify an open ended problem around them. The problems that the teams chose were “**Reduce the impact of disability (e.g. Visual disability)**”, “**urban flooding**”, “**waste management**”, “**Intelligent transport system**” and “**crime control**”. Each team came out with amazing ideas to solve the open ended problem. Further the teams are expected to carry this as a technical hobby and implement their ideas in a period of 3 months.

The workshop ended with a valedictory note by Dr. B N Suresh, Governing Council Chairman, MVJCE. The driving forces behind this club are Dr. B N Suresh, G C Chairman, Prof .M Brindha Vice Principal, MVJCE, Dr. Thyagarajan, Director of Research and Development, MVJCE, and the entire team and crew of “Tomorrow’s engineers club”



**Welcome Address by Prof. Brindha M, Vice Principal, MVJCE.**



**An Introductory talk by Prof. Muralidhara R, Associate professor, Dept of Civil Engg.**



**Prof. Keerthi Pai, Department of Chemical Engineering giving a talk on creativity and Innovation.**



**A talk on real time examples of creativity and Innovation by Prof. Kavyashree, Dept of CSE.**





**Teams presenting their ideas on the chosen open-ended problems.**



**Students as diverse team members discussing their ideas to solve a given problem.**



**Students as diverse team members discussing their ideas to solve a given problem.**



**Presentation by students on open ended problems having societal impact.**



**Student presentation on problems and the stake holders involved in a problem.**



**Student presentation on problems and the stakeholders involved in a problem.**



**Feedback given by students regarding the workshop.**







**Valedictory Address by Dr. B N Suresh , Chairman, GC, MVJCE.**



*M. Prasad*

Signature of the Principal with Seal

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