



B M S Institute of Technology and Management

Avalahalli, yelahanka, Bengaluru-560064

Department of Electronics and Communication Engineering.

Activity Report

Activity Title	Project Based Learning exhibition
Brief Description	The main aim of this exhibition was to improve innovative spirit, transform theoretical knowledge to practical applications ,to enrich knowledge on new technologies and improve problem solving skills by working in a team. It also brought together academicians, industry personnel and students to exchange and share their experiences, observations, theoretical models, experimental results to solve the current and latest problems we try to face in real world.
Intended Participants	Industry personnel, Students and academicians
Prepared by	Dr.Shobha Rani
Date of Conference	16 th May, 2017.

Mapping of Program Outcomes



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Map the activity to the PO's intended to be achieved with correlation

PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2
3	3	2	2	3	2	2	3	3	3	2	3	2	2

Justification for the correlation.

The conference is correlated

1. Highly to PO1 as the knowledge of mathematics, science and engineering fundamentals are applied to the solution of complex engineering problems.
2. Highly to PO2 as identification and formulation of the problem by reviewing the literature is done and also analysis of complex engineering problems to reach substantial conclusions using mathematics is obeyed.
3. Moderately to PO3 as design and development of solutions is carried out to meet some of the specific needs (public health, safety etc...)
4. Moderately to PO4 because research-based knowledge and research methods are employed to provide valid conclusions.
5. Highly to PO5 as modern tools are employed to arrive at accurate solutions.
6. Moderately to PO6 since appropriate reasoning by the contextual knowledge to assess societal, health, safety issues to certain extent.
7. Moderately mapped to PO7 as there is scope in understanding, demonstrating the knowledge acquired for sustainable development using engineering solutions.
8. Highly mapped to PO8 because the candidates have stood by ethics and followed the norms in preparing a paper.
9. The solutions are designed and developed together in a team and therefore highly correlated to PO9.
10. Since writing a conference paper ensures building technical writing skills and then during presentation, their work is communicated effectively so it is highly correlated to PO10.
11. Moderately correlated to PO11 as there is a scope to manage projects in multidisciplinary environments.
12. The knowledge acquired in the entire process will develop the ability to engage in independent and lifelong learning and hence highly correlated to PO12.
13. Few of the projects presented in this exhibition can exhibit competency in Embedded System and VLSI Design so moderately correlated to PSO1.
14. Some of the projects exhibited included the technological Advancements in Communication and Signal Processing fields and hence moderately correlated to PSO2.

Brief Description of the Exhibition: The PBL exhibition was organized in the department to improve innovative spirit, transform theoretical knowledge to practical applications, to enrich knowledge on new technologies and improve problem solving skills by working in a team. Nearly 78 teams from second, fourth and sixth sem participated in this event. Four teams of faculty members evaluated the first round and selected 18 teams. The final round was judged by Mr. Shashidhara H N and 1 best projects from 4th and 6th were selected for the prize.



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Conclusion

1. The event was organised very well and the judge from industry gave his valuable inputs to the students.
2. For students it was a different experience and they enjoyed learning new concepts through this new approach.

Photos:





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