



Department of MCA

Report on PBL

Objectives of Project Based learning (PBL):

- To improve the ability to analyze the given problem, design solution, implement and to arrive at the valid conclusions.
- To motivate self-learning.
- To be able to map the concept to programming.
- To bring awareness on integrity
- To promote team work with members of different backgrounds

Course Specific PBL Objectives:

- Learn the Java Programming language fundamentals and run time environment.
- Acquire knowledge and skills necessary to write Java programs.
- Implement the OOP concepts in Java and use packages.
- Apply inheritance and multithreading concepts.
- Design client side programs and networked applications.

Assessment Tools/Documents

A1: Synopsis presentation and its evaluation –[Document: Synopsis]

A2: Evaluation of programming approaches as applicable to the project work
[Document: Project Report]

A3: Evaluation of application and its development as a team [Project Demo]

A4: Evaluation of project report. [Document : Project Report]

A5: Ensure that licensed/permitted tools are used for development of projects

SINo	Project	Guides	Students	Prizes
1	Thread Deduction in Audio Files	Dwarkanath G V	Rohith	First place
2	Airlines Reservation System	Ms. M.Sridevi	Mahesh K and Jayashree	Second place
3	Simpsons 1/3 Rule using OPENMP	P Ganesh	Gayathri E Jayashree C S	Third place



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At MCA dept. PBL was held on **4th November 2018**, it started with the inauguration by the HOD Dr. Arunkumar and Judges for the PBL exhibition are Veena S, IT official, High Court, Bangalore. Sriram Mali Reddy, Senior Architect, Cognizant, Bangalore, who were the judges/evaluators for project Exhibition. Dr. Arunkumar BR, HOD, MCA welcomed and honoured the judges. He explained significance of PBL. Mrs. Drakshaveni G, Asst. Professor, Coordinator for project exhibition presented the vote of thanks.

Out of 26 projects, 8 selected projects were presented in the exhibition. Projects were catering to the different domains such as JAVA, Computer networks and ADA

Projects were evaluated based on the rubrics with an importance to innovation and social/environmental relevance.

Judges gave valuable inputs for future enhancement.



HOD inaugurated the PBL exhibition and welcomed the gathering



PBL coordinator was giving instruction for presentation



Judge explained about the students projects and improvement needed.



Student explanation to Principal ,HOD & Main PBL coordinator



Student explanation to Principal ,HOD & Main PBL coordinator



Group photo with judges, HOD ,staff and students



Judges and PDL coordinator honoring first prize winner



Hod honoring Judge