



Project Based Learning Contest (PBLC)-2023

IEEE Students branch of JSPM's Jayawantrao Sawant College of Engineering, Pune (STB-12401) in association with IEEE Region 10 Educational activities , IEEE Pune section and SIG Smart City IEEE Pune Section organising event "Project Based Learning Contest (PBLC)-2023"

About PBLC

- **Background:** Project-based learning Contest (PBLC) involves students designing, developing, and constructing hands-on solutions to a problem. The educational value of PBLC is that it aims to build students' creative capacity to work through difficult or unkind-organized problems, commonly in small teams. There is a need to publicize information about these developments among students at all levels.
 - **Objective of PBLC:** Main Objective of PBLC is to prepare Engineering Students for obtaining need-based solution for real life problems using latest technologies. Along with finding solution, publicize it among school children from urban and rural locality
 - **Organizer:** IEEE Student Branch JSPM's Jayawantrao Sawant College of Engineering, Hadapsar, Pune (STB-12401) under the guidance of IEEE Pune Section and IEEE Region 10 Educational Activities.
 - **Eligibility for participants:** This is a National level Contest and full time Engineering Students (First year or Second year BE/ B.Tech) are eligible. **There is no registration fee for participation.**
 - **Registration Link:** <https://forms.gle/YVvVbLSFk5HbsSah8>
 - Topics for participation
 - ❖ Technologies for recent trends in Communication Engineering.
 - ❖ Technologies for Smart city Developments.
 - ❖ Technologies for Medical emergencies, Healthcare and Welfare.
 - ❖ Technologies for Environmental sustainability, climate change and natural disasters.
 - ❖ Technologies for green energy and its applications.
- *Topic list is just indicative others topics with good idea are welcome.
- **Prizes :** Three groups will be awarded prizes as under (please note eligibility criteria)
 - First Prize: Rs. 7000/-
 - Second Prize: Rs. 5000/-
 - Third Prize: Rs. 3000/-

Eligibility Criteria: *These prizes shall be given only if there is at least one IEEE student member among that group. Otherwise only a certificate will be awarded.

PBLC-2023 will be conducted as per the following schedule

Stage No	Details of Process	Responsibility	Dates for completion of activity
1	Group Formation and Registration at college <ul style="list-style-type: none">Each group can consist of 3, 4 or 5 students of that college (first or second year / any discipline)	IEEE Counselor/ Staff In charge at college will report to Convener.	May ,12,2023 May, 18,2023
2	Delivery at Institute level : <ul style="list-style-type: none">Participating institute will conduct contest at their own institute under the guidance of IEEE Counselor / Staff In chargeParticipating groups will Prepare teaching materials for the selected topic (PPT, Charts, models, video, Project Demonstration etc)Conduct the Institute level contest and send report to convener of the event with best two groups elected among the participated groups.	IEEE Counselor/ Staff In charge at college will report completion of activity of each group to Convener.	May ,22,2023
,3	Final Selection : <ul style="list-style-type: none">Selected two groups from each college will give a presentation at JSPM's JSCOE ,Pune. Place as decided by IEEE Pune Section. All groups should use the same materials as used by them during conduct of courses at the institute level.Prize Distribution Function.	JSPM's JSCOE,Pune	May,26,2023

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Convener

Dr.Surekha Deshmukh
Chair, IEEE Pune Section

Dr.R.D.Kanphade
Principal, JSCOE

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