ELECTRONIC STUDENT PROJECT PROPOSAL (E-PP)

PROJECT REFERENCE NO.: 40S_BE_2311

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Introduction:
Student Project Programme (SPP) is a unique experiment in Karnataka which was started in the year 1977-78 by Karnataka State Council for Science and Technology (KSCST) with an objective of encouraging and motivating by providing financial and academic support for the Bachelor of Engineering projects. SPP Program initiated by KSCST would perform various phases through manual processing and handling. This is a very big problem for KSCST as large amount of hard-copy of submitted project applications to processed, evaluated, allotment of grants, reviewed, manually. The problems of manual handling of project applications are clumsy, hassle, insecure, redundancy, big-data problem and a probability of data tampering and misplacement. Manual system starts from very first phase of programme till the last phase of the programme.

Objectives:
The objective of this project is to design and develop a unique, efficient online web based portal of portals which eliminates the manual system and processing of the programme and also the problems associated with it and this facilitate the ease of work in all terms and the smooth functioning of SPP Program from the very first phase (projects submission) till the last phase (allotment of grants) and various other phases involving in it.

Methodology:
Using various latest web technology tools and technology, integrating with friendly UI modules the entire process of applying, evaluating and managing SPP will be made simple and easy. Using web programming tools, databases and UI will make this task more effective and user friendly.

Hardware requirements:
Latest Computer with internet connection

Software requirements:
- PHP enabled web server.
- MySQL.
- Apache server.
- Photo viewer.
Results & conclusion:
Tested online with relevant data and inputs. The results are found correct and as per the requirements of KSCST SPP guidelines.

Conclusion:
ESPP has been tested and evaluated by various experts within organization and industry experts. The work is found to be satisfactory and complete.

Scope for Future work:
Various suggestions have been suggested like, Payment gateway integration, online verification of emails etc… The said suggestions can be incorporated in to the portal in due time.