Foundation for Advancement of Education and Research

G5, Swiss Complex, 33, Race Course Road, Bangalore- 560001
E-mail: office@faer.ac.in, Website: www.faer.ac.in

FAER - McAfee
SCHOLAR PROGRAMME: 2018-2019

Proposal Format

1. Name of the Students :

   Degree registered :

   Branch :

   Year :

   Address (residential) :

   E-mail address :

   Phone / Cell no :

   Address of the College
   (including pin code) :

   Web site of the college :

   Phone No :

   Name of the Supervisor /
   Project Guide with E-mail address
   and mobile Number :

2. Whether the students belong to SC / ST : Yes / No

   (If yes, a certificate from principal to this effect
   for SC/ST students should be submitted)

3. Title of the Project :

   Area :

   Relevance to the area
   of the contest (Explain) :

   Type of Project : Concepts /
   (Tick one)   Experimental / Technology dept., / Application
                   / Computer based / Product

   Objective of your project :

   Brief description :

   Unique features of the project :

   Deliverables from the project :

   Existing Approaches :

What is new in the project	:	
How is this proposal different from existing approaches based on	:	
• Originally	:	
• Performance	:	
• Costs/ benefits	:	
References (literature)	:	
Approach to solving the problem (Implementation details)	:	
▪ Modelling	:	
▪ Construction / experiments / programming	:	
▪ Testing	:	
▪ Results	:	
▪ System integration issues	:	
Support infrastructure required	:	
Problems that may be encountered	:	
Reasons why this proposal should be considered for selection	:	
Budget estimates	:	

(Should not include equipment's, instruments,
travel, software packages, books, etc.,
that are normally available in the college)

Declaration

We will take up this project if selected, for FAER Scholar Project only and will not submit this to any other contest.

Signature of Students

Signature of Project Advisor / Project Guide

Date: Signature of Principal

DECLARATION / UNDERTAKING

This is to certify that Mr. / Ms. .... …………….................. is a bonafide student of .... year in the degree program of our college. If the proposal is selected by FAER, we will provide the requisite laboratory/computer support in our college.

Date: Signature of Principal

Seal of the institution

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Rules of the Contest

1. Bonafide students doing B.E. in recognized institutions are eligible to participate in this contest.
2. Some of the related subtopics are
   - Computer Science and Information Technology
   - Communications technologies and concepts (digital, optical, wireless, satellite etc.)
   - Power and Energy Systems
   - Signal Processing
   - Applications
   - Innovative applications of systems for problems related to rural areas and disadvantaged people - health, education, renewable energy, labour saving technologies, rural technologies, etc.
3. The project proposals submitted by participants should pertain to any of the above topics or related areas. It should discuss the merits of the topic chosen. It should deal with new ideas / experiments / devices; innovation and details of implementation as well as its impacts on society.
4. The project team (batch) can have up to a maximum of **four** students.
5. The team should submit a letter from the principal of their institution stating that they are bonafide students of the institution studying for the degree in the final year.
6. The team should submit the project proposal in the prescribed form signed by their project advisor and principal.
7. The team should submit a declaration that the work proposed will be taken up exclusively for the FAER Scholar Contest.
8. The team should also submit an undertaking that if the project is selected, they will take it up, complete within three months and submit the detailed project Report to FAER.
9. The Principal / HoD should give us an assurance that facilities required will be provided to the selected students. This may be part of the proposal.
10. Project proposals should be sent both **hard copy** and **soft copy** (by email) containing all details as per the format declaration and undertaking to our address by 31st October 2018.
11. Project proposals will be reviewed and evaluated by a team of experts. The experts will select projects suitable for funding and also decide on the grant. The announcement of

projects selected for this programme will be on 18th January 2019.

12. Evaluation will be based on
    - Relevance to our focused areas
    - Originality / innovation / novelty
    - Technical strength
    - Utility / applicability and Feasibility

Methodology and approach including implementation.
    - Analytical capabilities

Proposals without proper details may be rejected.

13. Selected teams will be informed by us along with conditions and details for submission of the project report by 18th January 2019.

14. The teams should submit the project report by 13th May 2019.

15. A team can send only one project proposal

16. The completed projects will be reviewed. A Seminar-cum-Exhibition will be arranged at Bangalore. The FAER scholars will be selected in the seminar. Seminar invitations will be sent to all project teams.

17. The FAER Scholar Awards - The first prize will be Rs. 1,00,000/- (Rs. 80,000/- to Students Team and Rs. 20,000/- to Project Guide), The second prize will be Rs. 75,000/-(Rs. 60,000/- to Students Team and Rs. 15,000/- to Project Guide), Third prize Rs. 50,000/- (Rs.40,000/- to Students Team and Rs. 10,000/- to Project Guide). The scholars will be selected by experts. The awards and grants to all selected teams will be presented at the Seminar-cum-Exhibition.

18. Kindly note that the topic chosen should be a focussed one - not very general or diffused; should be preferably an experimental one - not just programming work / simulation; and should be feasible and implementable in 3 - 4 months in the institutions.

19. Kindly visit our website for details and other relevant information and further announcements.

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