



FAER - McAfee SCHOLAR PROGRAMME : 2019-2020

Website : www.f aer.ac.in

Foundation for Advancement for Education and Research (FAER) announces FAER – McAfee Scholar Program to select scholars from engineering colleges based on a project in the areas of 1) Computer Science and IT 2) Cyber Security 3) AI and Robotics 4) Mobile Communications 5) Renewable Energy Systems 6) Signal Processing 7) Rural Technologies 8) Health care Technologies 9) Labour saving technologies for Women and 10) Ecology and Environment 11) Mobile Applications.

Selections will be done by Foundation for Advancement for Education and Research (FAER). It consists of two stages.

Stage 1 : FAER will receive project proposals from students in engineering colleges, screen them with the help of experts and select projects for funding. An amount to a maximum of Rs. 5000/- will be reimbursed to the project team after their completion of the project.

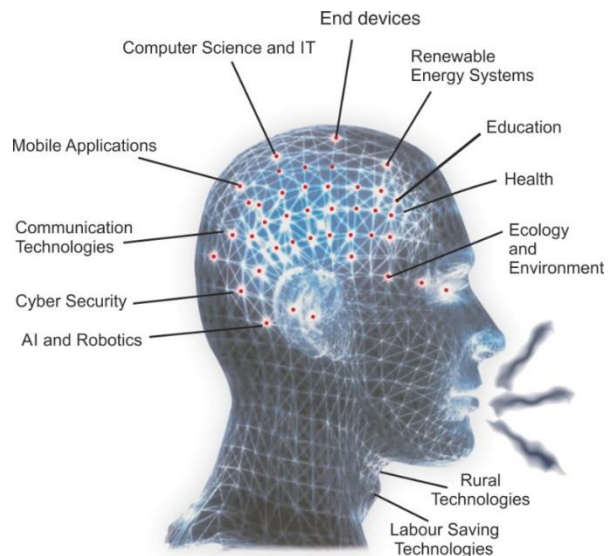
Stage 2 : Selection of “**FAER–McAfee Scholars**” based on the evaluation of the completed projects through a Seminar-cum-Exhibition and best projects will be awarded with Cash Prize and Certificates in FAER Scholar Awards Presentation Function.

Dates to Remember

Last date for receipt of hardcopy of the proposals for projects	:	15th October 2019
Project Approvals by FAER	:	18th January 2020

FAER Scholar Awards

First Prize	:	Rs. 1,00,000/-
Second Prize	:	Rs. 75,000/-
Third Prize	:	Rs. 50,000/-



For further details, format for submitting project proposals please visit FAER website.



Foundation for Advancement of Education and Research

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FAER - McAfee SCHOLAR PROGRAMME : 2019-2020 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
 - Cyber Security
 - AI and Robotics
 - Communications technologies and concepts (Digital, Optical, Wireless, Satellite etc.)
 - Renewable 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 upto 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
15th October 2019.
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 2020.**
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 2020.**
14. The teams should submit the project report by **20th May 2020.**
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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