

NETAJI SUBHASH ENGINEERING COLLEGE

Techno City, Garia, Kolkata-700152

NSEC Entrepreneurship Development Cell (NSEC-EDC)

NOTICE

Ref. No. NSEC/EDC/19-20/02

Date:9.09.2019

This is to inform all students of Netaji Subhash Engineering College that AICTE and other academic bodies are regularly organizing different competitions for promoting innovative spirit and scientific temperament of the students of AICTE approved institutes. This will encourage the students to focus on hands on skills and also to foster Convergence and Collaboration, so as to bring about sustainable solution to real life problems.

In this context NSEC-EDC is inviting innovative ideas/proposals/projects in the area mentioned below and beyond that in the prescribed format attached herewith within **20th September, 2019** to the email: edc@nsec.ac.in.

1. **Livelihood** – It may include small scale manufacturing, handicraft, pottery, tourism (desert tourism, water tourism, village tourism), rural infrastructure, rural health care, education (app base technology, e-education in rural area, etc.) and many more.
2. **Waste management** – management of agriculture waste, non-agriculture waste, human waste (on site sanitation), household waste, livestock waste, manufacturing waste, etc.
3. **Crop waste management** (parali/para etc.) — onsite technology/ mechanization for converting into manure and other valuable products etc.
4. **Value addition of Agriculture produce, Agro industry and Rural handicraft**—marketing models (farm to fork), warehouse, packaging, innovation in traditional agricultural practices, etc.
5. **Farm and flock** – Hybrid farming, Polyhouse farming (through simple and cost effective technology), enhancing output from livestock, agriculture, allied activities like sericulture, horticulture, Dairy farming, etc.
6. **Water** – Water resource replenishment and management, low cost water purification, water conservation, rain water harvesting, water recharge, making saline water potable, innovation in irrigation practices, etc.
7. **Land** – land management, soil improvement, land record management, soil nutrient enhancement, organic farm practices, etc.

8. **Energy** – Low cost Renewable energy, Nano and Micro grade energy management, innovation in solar energy, innovation in battery technology, etc.

This initiative is aimed for motivating our young individuals, inspiring leaders to raise their performance in their specific domains leading to significant contribution towards the growth and development of the society and the nation as a whole.

[Handwritten signature]
9/9/19

Principal,

NSEC



ANNEXURE

GUIDELINES FOR SUBMISSION OF STUDENT PROJECT DETAILS

The proposal should carry complete details about the student projects including financial requirement and the possible market for the product. The project information may cover the following aspects:

THE BUSINESS

- The product/service/idea/proposal
- The technology behind the product/service/proposal
- Possible innovation at a later stage
- Scalability
- The market (the size of the market and its growth potential)
 - Comparative study of the proposed product

THE TEAM

- Brief description of each member of the team stating stream, year and other details

THE FINANCIAL REQUIREMENT (BUDGET)

- The cost of purchase of raw materials
- The cost of contingencies
- Product development cost/ Consultancy cost and
- Any other expenditure



ANNEXURE

GUIDELINES FOR SUBMISSION OF STUDENT PROJECT DETAILS

The proposal should carry complete details about the student projects including financial requirement and the possible market for the product. The project information may cover the following aspects:

THE BUSINESS

- The product/service/idea/proposal
- The technology behind the product/service/proposal
- Possible innovation at a later stage
- Scalability
- The market (the size of the market and its growth potential)
 - Comparative study of the proposed product

THE TEAM

- Brief description of each member of the team stating stream, year and other details

THE FINANCIAL REQUIREMENT (BUDGET)

- The cost of purchase of raw materials
- The cost of contingencies
- Product development cost/ Consultancy cost and
- Any other expenditure

