



## ABOUT THE PROGRAMME

### RATIONALE:

In recent time, biotechnology has the promise to generate huge business. While the biotechnology based industries scarcely generate capital or employment. Thus the need of hour is to perpetuate biotechnological entrepreneurship by wide scale education and training programmes to young generation.

In view of this, the DST of Odisha Govt. has taken an initiative to motivate young professionals to pursue career in entrepreneurship. In the present programme, young intending entrepreneurs from biotechnology and life science background will be trained, motivated, facilitated to pursue entrepreneurship carrier.

### OBJECTIVE:

This programme aims to train and motivate young professionals in self-employment as well as generate employment. Upon completion of this programme, one will gain sufficient knowledge on applicability of biotechnology for setting up industry, an exposure to sources of finance and management practices required for industry as well as marketability of the product(s).

### FACILITIES:

**No registration fee will be charged for participants.** Arrangement for accommodation of the participants of the SEDP programme will be made by the organizing committee. Arrangements for tea, snacks and lunch during the course will be made by the organizers. TA/DA will be provided to the participants for the outstation industrial visit during the SEDP programme.

## APPROACH AND METHODOLOGY

The programme will include class room lectures from eminent speakers and industrial personnels who are having vast expertise in the fermentation, enzyme and pharmaceutical biotechnology. Balanced emphasis will be given on both the theory and hands on practical sessions with arrangements for outstation industrial visit. After completion of the fifteen days training programme, the participants are encouraged to prepare a project report citing their experience and knowledge gained in the course of training programme. The participants will be presented with a certificate on completion of the programme.

## STRENGTH OF THE COLLEGE:

Apart from the regular academic curricula, department of Biotechnology of College of Engineering and technology has been successfully conducting various training programmes and symposiums on different aspects of biotechnology. At present the department has established various laboratories on microbiology, fermentation technology, bioinformatics and molecular biology with advanced equipments which enables to implement and run many projects funded by DST, Govt. of Odisha, UGC-DAE, CSR-Kolkata and TEQIP-II, MHRD, Govt. of India.



## PEDAGOGIC METHODS:

The course content is designed to develop entrepreneurial motivation and competencies to initiate and advance in setting up an enterprise.

- *Lecture-cum-discussion by the experts on potential, applicability of biotechnology in initiating small business.*
- *Hands on practice sessions*
- *Interaction with experts in entrepreneurs skill development.*
- *Study visits to industry and small enterprise*
- *Business opportunity identification*
- *Modern approaches of Fermentation technology.*
- *Industrial enzyme production, real life application.*
- *Bioethanol production from lignocellulosic material*
- *Biofuel from algal biomass.*

## HOW TO REACH

The College is located in the Techno-campus at Ghatikia, Kalinga Nagar, Bhubaneswar , Odisha, India, about 2.0 km. away from Khandagiri caves and 3 km from Baramunda Bus stop.

