CHILDREN'S EDUCATION SOCIETY (Regd.)
THE OXFORD COLLEGE OF ENGINEERING
(Recognised by the Govt. of Karnataka, Affiliated to Visvesvaraya Technological University, Belagavi
Approved by A.I.C.T.E. New Delhi.
Recognised by UGC Under Section 2(f)
Bommanahalli, Hosur Road, Bangalore - 560 068.
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7.3.1 Distinctiveness of the Institution

Distinctiveness of the institution is portrayed in its academic, Research and Development activities.

The institution has a well-established Research & Development ecosystem that is an amalgamation of Research & Development Cell, IPR, Entrepreneurship cell, Institution Innovation Cell and R&D Centres for the creation and transfer of knowledge. The Institute has recognized Research and Development Centre inall the department with eminent professors recognized to guide candidates forDoctoral degree. The Students have excelled in academics and the overall pass percentage for the year 2022-23 is 92%

The institute has implemented a number of measures to improve the research culture and ecosystem for innovation, including:

• Seed funding for idea proposals and proof-of-concept development

• Incentive for research grants—faculty who get research grants will receive a monetary incentive

• Financial support for research publishing – Faculty will get funding to publish their research findings in reputable journals.

Research & Development Cell

In order to develop technical knowledge among the students, the R&D cell encourages student involvement in a variety of Hackathon, Ideations, symposium/conferences, exhibits, and fairs. By utilizing the infrastructure and resources available throughout the Oxford Group of Institutions, the research and development council promotes interdisciplinary/multidisciplinary, inter-institute, and intra-institute initiatives. The Center regularly hosts Review sessions to go over the results of supported projects and research being done for PhDs. The Center also regularly hosts seminars on research technique, drafting research proposals, writing research articles, searching for patents, researching patents that have expired or been abandoned, and entrepreneurship possibilities, startup programmes, etc. In the year 2022-23, total 112 international papers were presented by the faculty – 78 Scopus indexed, 16 SCI indexed, 17 Google scholar and 1 web of science, and 12 book chapters were published.

Research Grants

The Research Committee aim is to serve as interface between faculty and funding agencies (Government and Non-Government) through gathering and disseminating information

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about the availability of various research grants toexecute their novel innovative ideas. For the year 2022-23, a total grant of Rs.45, 63,000/- was received from various funding agencies.

IPR Cell

The oxford KSCST-VTPC patent and innovation cell provides Technical and financial assistance for Patent filing through Institution IPRcell. The faculty with novel ideas, innovative concepts, and research findings will be identified, and technical assistance in prior art search, literature review, and evaluating novelty, non-obviousness, and commercial potential of their research findings is provided. The patent and innovation cell provides support for IPR filing with assistancefrom government schemes through KSCST IP Cell, NRDC, DBT, MHRD KAPILAscheme, TIFAC schemes etc., 26 patents were published and 2 patents granted during the year 2022-23.

Institution's Innovation Cell

An Industry Institute Interaction Cell works in close coordination with theindustries and the institute for encouraging both students and faculty towork on live projects. Motivates faculty and students to take up appropriate problems of theindustry relevance for their R&D projects.The Institute initiate and promote MoUs with industries and R&Dorganizations for consultancy, collaborative research, sponsored projects,industry institute interactions etc.To arrange brainstorming sessions through talks by eminent personalitiesfrom industry, R&D organizations and institutions of repute for the betterunderstanding of research methodology and practices currently followed. A total of 145 events were organized and conducted across the departments during the year 2022-23. The institution got 4 star ranking for the IIC activities. 4 ideas were converted into prototypes and 10 innovative ideas were nominated for the Skill India Hackathon on the Yukthi portal of MOE.

MOUs

The Institute initiate and promote MoU's with industries and R&D organizations for consultancy, collaborative research, sponsored projects, industry institute interactions etc.

The Institute's R & D Cell offers "Techno-platforms" to its faculty and students by planning Webinars, Symposiums, Conferences, and Techno-meets, during which eminent Scientists from around the world who work for various Research institutes, Industry, and Academia visit the facility and engage in dialogue with the staff and students. A total of 27 MOUs were signed across all the departments for the year 2022-23.

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