**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 & Accredited by NBA New Delhi and Recognised by UGC Under Section 2(f))
Bommanahalli, Hosur Road, Bangalore –560068.
Ph: 080 -61754601/602, Fax: 080 – 25730551
E-mail: engprincipal@theoxford.edu   Web: www.theoxford.edu

### 7.3 Institutional Distinctiveness

Provide the details of the performance of the institution in one area distinctive to its vision, priority and thrust

### 7.3.1- Distinctiveness Of The Institution

### (1) Faculty And Student Involvement In Innovation And Research:

TOCE being established to train graduates in their respective branch, have holistic outlook towards life and have desire to work for national needs and beyond. The graduating student must have excellent knowledge and skills in the area of his / her study. However, he/she must have broad understanding of society and relationship. Characters need to be nurtured as an essential quality by which he/she would understand and fulfil his /her responsibility as an Engineer, a citizen and a human being. Besides the above, several meta-skills and underlying values are need. Research experiences have a positive impact on academic performance, cognitive skills and intellectual growth. They also give students a sense of the subject beyond the lecture, lab and seminar. Research experience develops skills that cannot be gained in the classroom.

Research is a robust technique to explore new concepts through proper observation and facilitates to take the right decision at the right time. Research is the backbone and prerogative to quality work for almost every field. No matter how competent and experienced a person is in his or her field, without proper research, things go wrong and the success rate declines.

Research is the pursuit of knowledge through analysis, observation, exploration, description and explanation of the unexplored idea, facts or methodologies. It enables students to evolve a proper strategy to carry a definite work or project without digging too much into unnecessary things and facilitates to take the right decision when situations demand.
Research unfolds many unexplored things that stimulate working capability and develops understanding and decision making of learners. Without research, one has to believe in his or her intuition or imagination which can't be accurate. That is why research is important for scaling up performance and better results.

Research is a broad concept required in almost every field to improve performance and quality of work. Research is important to build a better understanding, decision making and, discerning and analytical ideas to facilitate better results. Without extensive research projects can get derailed and minimize the success rate. The work without proper research would be filled with faults and failures that affect the reputation of a company and researcher.

Research generates novel ideas, builds credibility, and develops understanding and analytical skill so a researcher could implement his or her guts to rationalize the work and build a better foundation for followers on the career field and so they could take the right decision at the right time without facing hurdles.

During the research, the student will learn how to:
- Develop a research proposal
- Carry out a literature search and write a research gap
- Carry out the research processes
- Analyze results
- Write-up the body of work as a technical report

Outcomes:

Provide an opportunity to pursue research in a topic within the broad area of the student's interest.

**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 & Accredited by NBA New Delhi and Recognised by UGC Under Section 2(f))
Bommanahalli, Hosur Road, Bangalore –560068.
Ph: 080 -61754601/602, Fax: 080 – 25730551
E-mail: engprincipal@theoxford.edu  Web: www.theoxford.edu

Estd 1974

Undertaking the research will enable the student to:

- Development of problem solving skill
- Survey of topic
- Analyze and carry out an independent study
- Enhancing  best writing and presentation skills for scientific communication

**Head of the Institution**
**The Oxford College of Engineering**

PRINCIPAL
The Oxford College of Engineering
Bommanahalli, Hosur Road
Bengaluru-560 068