



# THE OXFORD COLLEGE OF SCIENCE

#32, 17th B Main, HSR Layout, IV Sector, Bangalore - 560 102

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www.theoxfordscience.org



## THE OXFORD SCIENCE SKILL ENHANCEMENT CENTRE (TOSSEC)

Youth employability is a very crucial factor for developing countries like India. According to the UNICEF report (2021), youth are unable to access skills required for today's job market. Every year around 28 million youth gets added to India's workforce. As per India Skills Report 2021, only 10% of the fresh graduates are employable and rest of the 90% lack industry-ready skills. Organizations today seek proficient and productive people. The Government of India has been focusing on skill development and employability of the youth. With the vision of providing skill training at affordable cost and improving employability among students, we established The Oxford Skill Enhancement Centre (TOSSEC) in the year, 2019.

### Advantages of skill development

- Improve their visibility & employability
- Enhance their proficiency & technical skills
- Increase their performance & productivity
- Inspire their entrepreneurial instincts

### Salient Features

- Qualified experts from academia and certified trainers from industry
- Courses providing corporate defined training curriculum
- Courses supporting entrepreneurial ventures

## Courses Offered in three different modules - Vocational Educational Trainings (VET), Value Added programs (VAP) and Certificate Programs (CEP)

### LIFE SCIENCES

- Good laboratory practices
- Research methodology
- Scientific writing and presentation
- Environmental health and safety
- Purification of natural dyes
- Organic farming
- Vermiculture and Vermicomposting
- Introduction to Bioinformatics and its applications
- Risk assessment of Genetic abnormalities/ disease by pedigree analysis and dermatoglyphics
- Analytical testing in food manufacturing
- Basics in clinical research
- *In vitro* and *in vivo* testing of genotoxicity
- *In vitro* screening of bioactive compounds against multidrug resistant bacteria
- Essential tools in pharmaceutical analysis
- Essentials of HPLC analysis
- Fluorescence microscopy and advanced microscopic techniques
- Essentials of nanoscience and its applications
- Regulatory affairs in pharmaceutical industry

### FASHION AND APPAREL DESIGN

- Self-Grooming
- Technology of Product Development

### CHEMICAL SCIENCES

- Phytochemical analysis
- Food adulteration and safety measures
- Bench to business

### PHYSICAL SCIENCES

- Interfacing microcontroller for real time applications
- Internet of things & wireless sensor network
- PCB design and fabrication
- Python Programming
- Toyagator
- Eye Power: An introductory course on optometry
- Accounting for Stars
- Foundation Course on Data Science

### COMPUTER SCIENCES

- SQL fast
- Rapid mobile application development
- .Net certification
- Python programming certification
- Web designing
- Cyber security and ethical hacking

### PAYMENT DETAILS: -

Bank Name: Bank of Baroda,  
Account Name: The Oxford College of Science TOSSEC,  
Account No.: 89600100015409,  
IFSC Code: BARB0VJHSRL (Fifth character is zero)

Cost ranges from Rs. 1000 to Rs. 5000  
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