

Course Start Dates:

Level I :

15 March, 2021 to 25 April, 2021

Instructors



Prof. I Ramabrahmam

Vice Chancellor,
Central University of Odisha.



Prof. C. Muralikrishna

Dept. of English, Osmania University.



Prof. Sunita Mishra

Centre for English Language Studies,
University of Hyderabad.



Dr. G. Padmaja

Centre for Health Psychology,
University of Hyderabad.



Mr. Attaluri Viswanath

Industry Expert.

Technical Support



Mr. Saurabh Mishra, CEMCA



Dr. Monica Nagpal, CEMCA

Registration
at

www.mooc4dev.org/lifeskills12021

Schedule: 15 March, 2021 to 25 April, 2021

Workload: 4 to 6 hours per week

Level: Introductory

Language: English

Prerequisites: None

About CEMCA

The Commonwealth Educational Media Centre for Asia (CEMCA) is the only regional centre for Commonwealth Asia, established at New Delhi in 1994, by Commonwealth of Learning (COL), Canada. CEMCA is an intergovernmental organization working in Bangladesh, Brunei Darussalam, India, Malaysia, Pakistan, Singapore & Sri Lanka, to promote meaningful and effective use of media technologies for Education & Training leading to Sustainable Development.

About COL

The Commonwealth of Learning (COL) is an intergovernmental organisation created by Commonwealth Heads of Government to encourage the development and sharing of open educational resources and technologies enhancing Open Distance Learning to achieve Learning for Sustainable Development. Hosted by the Government of Canada and head quartered in Burnaby, British Columbia, Canada, the COL is the world's only intergovernmental organisation solely concerned with the promotion and development of distance education and open learning. COL is helping developing nations improve access to quality education and training.

CONTACT

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 **LifeSkills for
Engineers**

By



CEMCA

Commonwealth Educational Media Centre for Asia (CEMCA)

in Collaboration with



University of Hyderabad,
Hyderabad



Osmania University,
Hyderabad

Course Description

In the age of complexity and turbulence, resulting from unpredictable factors coming together, one must develop the capability to think, strategize, plan, execute & lead successfully. Globalization, digital technology and a new demographic are colluding to create a new environment of complexity and are demanding new ways of thinking. Inculcating & imbibing Life Skills in addition to Engineering knowledge is essential, desirable & vital in addressing current and future challenges. Engineering is not just about designing, planning, implementing, executing and measuring the impact of various technologies. A good engineer needs to be a perfect amalgamation of the knowledge in his discipline and life skills.

Life Skills bring tremendous refinement in professionals' and engineers' behavior, prepare them for the change and the way to approach their professional work, job market and finally their life. Inculcating Life Skills can make youth, students and engineers more positive in their attitude and will bring overall wellbeing to them.

The youth, students and engineers will find this Massive Open Online Course (MOOC) on Life Skills more informative and engaging. This MOOC is powered by mooKIT, made available under a collaboration between Indian Institute of Technology (IIT), Kanpur and Commonwealth of Learning (COL), Canada. Using up-to-date learning design and simple, accessible technology, the course runs on an easy-to-use learning platform (mooKIT) available via the Internet. It will run over six to seven weeks for each Level and requires approximately three to five hours of time each week. Designed to accommodate learners' busy schedules, the course offers flexibility with options for learning the content. The learner will learn from readings, videos, discussions with co-learners and instructors, meaningful exercises, quizzes and short assignments. Certification is available for those who wish to complete all required exercises and quizzes.

Objectives

To introduce various concepts of Life Skills for Engineers like:



Course Details

The Massive Open Online Course (MOOC) includes the following Modules in two Levels.

Course structure under Level I:

- **Module I:** Effective Communication Skills for Engineers - 1 (Basic-LSRW & Non-Verbal Skills)
- **Module II:** Effective Communication Skills for Engineers - 2 (Job Application, Oral Presentation Skills)
- **Module III:** Thinking Critically - 1
- **Module IV:** Importance of Ethics in engineering profession 1 - Introduction & evolution
- **Module V:** Building Leadership Capabilities in Engineers - An introduction
- **Module VI:** Effective Leadership - Models, Traits and Qualities

Course structure under Level II:

- **Module I:** Effective Communication Skills for Engineers - 3 (Interview Skills and Group Discussion)
- **Module II:** Effective Communication Skills for Engineers - 4 (Report Writing and Technical Writing)
- **Module III:** Thinking Critically - 2
- **Module IV:** Teamwork and Group Dynamics
- **Module V:** Engineering ethics 2 -Codes & standards and Case Studies
- **Module VI:** Engineering ethics 3 - (Accuracy and rigour; Honesty and integrity; Respect for life, law and public good)
- **Module VII:** Models or approaches of leadership

Participants

This MOOC is open to All but will bring greater benefits to engineering students and in service engineers.

Duration

The duration of the course has been grouped in two parts:



Registration

To register, Please go to: www.mooc4dev.org/lifeskills12021