

### ABOUT THE INSTITUTE:

Veer Surendra Sai University of Technology (VSSUT), Odisha formerly known as University College of Engineering, (UCE) Burla was established in the year 1956 as the first engineering college of the State at the foot hill of the world famous Hirakud dam. VSSUT, Odisha has carved a niche for itself among the best technical institutes in India and is a dream institute for many budding engineers. The University offers B.Tech., M.Tech., M.Sc., MCA and Doctoral research programmes. The University is surrounded by a large number of Government, public and private industrial sectors such as MCL, OHPC, HINDALCO, NALCO, NTPC, OPTCL, Vedanta Aluminium Ltd and Bhusan Steel Plant to name a few. The institute has an excellent placement record with a number of top ranking companies visiting the campus every year.

### ABOUT DEPARTMENT OF EEE

The department of Electrical & Electronics Engineering (EEE) was established in the year 2010, combined with existing EE Department. It becomes operational as an independent department in year 2020. The current intake in to UG program B.Tech. (EEE) is 60. The department is offering an excellent academia environment to pursue B.Tech. in EEE and Ph.D. in experts available with the department in specialized domain of research. This department also aims to establish itself as a forefront in R&Ds in the areas of Smart Grid, Power System Optimization, Power System Automation, Smart Sensors, Image Processing, Digital Signal Processing, Industrial Communication, Internet of Things & Cyber Physical System. The department has dedicated and qualified faculty pools with 2 Professors, 2 Associate Professors, 7 Assistant Professors.

### ABOUT THE FDP:

#### Theme of the FDP:

**Engineering Ethics** is the study of moral issues and decisions confronting individuals and organizations engaged in **Engineering**. The objectives of this course on 'Professional Ethics and Human Values' are:

- To understand the moral values that ought to guide the Engineering profession,
- Resolve the moral issues in the profession, and
- Justify the moral judgment concerning the profession.

This course is intended to develop a set of beliefs, attitudes, and habits that engineers should display concerning morality. **The prime objective** is to increase one's ability to deal effectively with moral complexity in engineering practice. The benefits of this FDP is:

- ❖ Faculty members / PhD scholars/ industry fellows will be exposed to the code of ethics to be followed while working in / associated with an engineering discipline.
- ❖ Ethics help us navigate the gray area between absolute right and morally wrong. They provide the structure that helps us make a decision we can be proud of. Without ethics, society would be reduced to the type of animal behavior that is seen in nature.

By successful completion of this FDP course, a faculty member/ PhD scholar/ Industry person will be:

- ✓ able to understand and conceptualize the role and importance of "Engineering Ethics" as **Engineers** play a key role in ensuring the growth and development of a country's economy as well as improving the **Quality of Life (QoL)** for citizens within the country.
- ✓ Practice moral judgement in situations of dilemma.
- ✓ Relate the Code of Ethics to social experimentation.
- ✓ Resolve moral responsibilities during complicated situations.
- ✓ Defend one's views in supporting the moral concerns.

### Tentative Topics:

1. Micro Ethics
2. Macro Ethics
3. Moral issues
4. Moral Dilemmas
5. Moral Autonomy
6. Professional Ethics
7. Models of Professional Roles
8. Uses of Ethical theories
9. Metaethics
10. Normative Ethics
11. Applied Ethics

Resource persons from  
IITs, NITs, Foreign Universities and Industries

#### Chief Patron

Prof. Atal Chaudhury  
Vice Chancellor, VSSUT, BURLA

#### Patron

Prof. U. R. Jena  
Dean, CDCE  
VSSUT, Burla

#### Coordinator

Dr. Gyan Ranjan Biswal, Associate Professor & HOD,  
EEE Dept, VSSUT BURLA

#### Steering Committee

Dr. Gyan Ranjan Biswal, Associate Professor & HOD, EEE

Dr. Manas Ranjan Kabat, Associate Professor & HOD,  
CSE Dept, VSSUT BURLA

Prof. S. Panda, Professor, EEE Dept, VSSUT BURLA

Prof. R. K. Sahu, Professor, EEE Dept, VSSUT BURLA

Dr. Papia Ray, Subject Expert & Co-Coordinator,  
Associate Professor, Dept. EE, VSSUT BURLA

#### No Registration Fee

Number of participants are limited to 40  
Registrations will be closed by 01:00 PM on 18-11-2020  
Webinar links will be shared on 20-11-2020  
The Link for registration is  
<https://forms.gle/DKsgTtbG1UxgFgYv6>

Timings: 10.30 a.m-12.30 p.m (1<sup>st</sup> Session), Lunch Break:12.30 p.m-2.30 p.m, 2.30 p.m-4.30 p.m (2<sup>nd</sup> Session)

E-Certificate will be issued to participants who will attend for all the sessions.



AICTE Sponsored STTP Under AQIS  
Scheme (Online)

on

Engineering Ethics  
(EE-2020)

21 - 26 Nov 2020

Organized by

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BURLA, ODISHA

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