

TEQIP-III SPONSORED WORKSHOP

ON URBAN INFRASTRUCTURE PLANNING & DESIGN

COORDINATORS

PROF. SUDHANSHU SEKHAR DAS
&
DR. BHARATI MOHAPATRA



ORGANISED BY

DEPARTMENT OF CIVIL ENGINEERING
AND
ARCHITECTURE

VEER SURENDRA SAI UNIVERSITY OF TECHNOLOGY

SIDDHI VIHAR, BURLA, SAMBALPUR - 768018
ODISHA

[WWW.VSSUT.AC.IN](http://www.vssut.ac.in)

ELIGIBILITY:

THE WORKSHOP IS OPEN FOR FACULTY MEMBERS /
PRACTICING ARCHITECTS AND ENGINEERS/RESEARCH
SCHOLARS.

REGISTRATION AND FEE

INTERESTED PARTICIPANTS ARE REQUIRED TO SUBMIT THE
PRESCRIBED APPLICATION FORM TO THE COORDINATOR OF
THIS WORKSHOP ON OR BEFORE **15TH FEBRUARY 2018.**

THERE IS NO REGISTRATION FEE FOR PARTICIPANTS AND
THERE IS NO TA, DA, ACCOMMODATION AND OTHER
FOR ATTENDING THIS WORKSHOP. SELECTION WILL BE BASED
ON FIRST COME FIRST SERVED BASIS AND THE NUMBER OF
PARTICIPANTS IS LIMITED TO **50**. SELECTED PARTICIPANTS
WILL BE INTIMATED THROUGH EMAIL ON OR BEFORE **20TH
FEBRUARY 2018.**

VENUE

VEER SURENDRA SAI UNIVERSITY OF TECHNOLOGY
**C-220, SEMINAR HALL, CIVIL ENGINEERING
DEPARTMENT, VEER SURENDRA SAI UNIVERSITY OF
TECHNOLOGY, BURLA.**

IMPORTANT DATES

LAST DATE OF SUBMISSION OF APPLICATION:
15 . 02 . 2018

INTIMATION TO SELECTED PARTICIPANTS:
20 . 02 . 2018

WORKSHOP SCHEDULE:

22ND – 24TH FEBRUARY 2018

VEER SURENDRA SAI UNIVERSITY OF TECHNOLOGY BURLA-768018,
ODISHA

TEQIP-III SPONSORED WORKSHOP ON

22ND – 24TH FEBRUARY, 2018

APPLICATION FORM

1. NAME (BLOCK LETTER):

2. DESIGNATION AND BRANCH:

3. ORGANIZATION:

4. DATE OF BIRTH:

5. ADDRESS FOR COMMUNICATION:

PIN CODE:

MOBILE:

6. E-MAIL:

7. ACADEMIC QUALIFICATION (PLEASE TICK)

- (A) B. TECH. / B. ARCH
(B) M. TECH. / M. ARCH
(C) PH. D. SPECIALIZATION:

8. EXPERIENCE (IN YEARS):

(A) TEACHING (B) INDUSTRIAL (C) RESEARCH

PLEASE REGISTER FOR THE WORKSHOP ENTITLED “ **URBAN
INFRASTRUCTURE PLANNING & DESIGN** ” TO BE HELD AT VSSUT,
BURLA DURING 22ND -24TH FEBRUARY, 2018.

PLACE:

DATE:

SIGNATURE OF THE APPLICANT

22, 23, 24 FEBRUARY, 2018

ABOUT THE UNIVERSITY

VEER SURENDRA SAI UNIVERSITY OF TECHNOLOGY (VSSUT), ODISHA (FORMERLY KNOWN AS UNIVERSITY COLLEGE OF ENGINEERING (UCE), BURLA) WAS FORMED BY ODISHA ACT 9 OF 2009 BY UPGRADING TO A UNITARY STATE UNIVERSITY, WHICH CAME INTO FORCE FROM 1ST DAY OF JULY 2009. VSSUT IS LOCATED AT THE FOOTHILL OF FAMOUS HIRAKUD DAM — LONGEST IN ASIA. BURLA IS KNOWN AS INTELLECTUAL CAPITAL OF ODISHA WITH VSSUT, VSS INSTITUTE OF MEDICAL SCIENCE AND RESEARCH, SAMBALPUR UNIVERSITY, MCL, WESCO AND IIM SAMBALPUR. IT IS LOCATED 12 KM AWAY FROM SAMBALPUR RAILWAY STATION AND 3 KM AWAY FROM HIRAKUD RAILWAY STATION. VSSUT, BURLA 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., DUAL DEGREE, M.SC, INT. M.SC., MCA AND PH.D. THE UNIVERSITY IS SURROUNDED BY A LARGE NUMBER OF GOVERNMENT, PUBLIC AND PRIVATE INDUSTRIAL SECTORS SUCH AS OHPC, HINDALCO, NALCO, NTPC, OPTCL, VEDANTA ALUMINIUM LTD. AND BHUSAN STEEL PLANT. THE INSTITUTE HAS AN EXCELLENT PLACEMENT RECORD WITH A NUMBER OF TOP RANKING COMPANIES VISITING THE CAMPUS EVERY YEAR.

ABOUT THE DEPARTMENTS

DEPARTMENT OF CIVIL ENGINEERING

THE DEPARTMENT OF CIVIL ENGINEERING HAS BEEN IN EXISTENCE SINCE 1956 WITH THE INCEPTION OF VSSUT, BURLA AND IS PRODUCING HIGH QUALITY TECHNICAL MANPOWER NEEDED BY INDUSTRY, R&D ORGANIZATIONS, AND ACADEMIC INSTITUTIONS. THE DEPARTMENTAL ACTIVITIES EMBRACE PLANNING, DESIGN, CONSTRUCTION AND MANAGEMENT. THE SYLLABI OF THE DEPARTMENT HAVE BEEN TREMENDOUSLY AUGMENTED WITH MANY ADVANCED COURSES. THE DEPARTMENT OFFERS B.TECH DEGREE IN CIVIL ENGINEERING AND M.TECH. DEGREE IN CIVIL ENGINEERING WITH FIVE SPECIALIZATIONS, I.E., STRUCTURAL ENGINEERING, GEOTECHNICAL ENGINEERING, TRANSPORTATION ENGINEERING, WATER RESOURCES ENGINEERING, AND ENVIRONMENTAL ENGINEERING. BESIDES THIS, THE DEPARTMENT ALSO OFFERS 5 YEARS DUAL DEGREE B.TECH IN CIVIL ENGINEERING AND M.TECH IN STRUCTURAL ENGINEERING AND PH.D DEGREE.

DEPARTMENT OF ARCHITECTURE

THE DEPARTMENT OF ARCHITECTURE WAS ESTABLISHED IN THE YEAR 2013 IN VSSUT, BURLA. PRESENTLY, THE DEPARTMENT IS OFFERING A FIVE-YEAR UNDERGRADUATE B. ARCH COURSE WITH AN EMPHASIS ON PROFESSIONAL TRAINING. IT ALSO OFFERS PH.D DEGREE. ITS TEACHING PROGRAM COVERS THE BROAD SPECTRUM OF UNDERSTANDING, DESIGNING AND CONSTRUCTING HUMAN HABITAT AND ENVIRONMENT. THE COURSE OPENS UP OPPORTUNITIES FOR ADVANCED STUDIES AND PROFESSIONAL CAREER IN DESIGNING, PLANNING AND MANAGING OF BUILT ENVIRONMENT AND EXTENDS TO NEW FRONTIERS OF ALLIED DISCIPLINES.

THE DEPARTMENT HAS THE UNIQUE ADVANTAGE OF DEVELOPING WITHIN A REPUTED TECHNICAL UNIVERSITY AND CONNECTING WITH THE OLDEST AND HIGHLY EXPERIENCED MULTI-DISCIPLINARY FACULTY OF ODISHA. THE DEPARTMENT ENVISIONS TO ACHIEVE EXCELLENCE IN LEARNING, RESEARCH AND INNOVATION IN THE FIELD OF ARCHITECTURE, AND CREATE AN ENABLING ENVIRONMENT OF CONFIDENCE AND CAPABILITY TO TAKE UP ACADEMIC AND PROFESSIONAL CHALLENGES BY ENCOMPASSING PROGRESSIVE TECHNOLOGICAL KNOW-HOW WHILE BEING SENSITIVE TO THE ENVIRONMENTAL AND CULTURAL ETHICS.

THE THEME

THE WORKSHOP IS ORIENTED TO PROVIDE AN INSIGHT INTO DIFFERENT APPROACHES AND METHODS FOR ANALYSING AND ASSESSING URBAN SYSTEMS FOR PLANNING AND DESIGNING URBAN INFRASTRUCTURES. DIFFERENT PROCESSES FOR CONDUCTING EVIDENCE BASED STUDY OF URBAN ENVIRONMENTS AND SIMULATION OF URBAN GROWTH DYNAMICS FOR POLICY MAKING ARE TO BE HIGHLIGHTED. WITH THE GROWING REQUIREMENT OF INTEGRATING SPATIAL, ENVIRONMENTAL AND SOCIAL DATA FOR DESIGNING AND DECISION MAKING FOR URBAN INFRASTRUCTURE, UNDERSTANDING OF EMPIRICAL APPROACHES AND COMPUTATIONAL APPLICATIONS HAVE BECOME IMPORTANT. DEVELOPMENT AND EFFICIENT MANAGEMENT OF URBAN INFRASTRUCTURE OCCUPIES THE MAIN AGENDA OF THE 'SMART CITY' MISSION, WHEREIN, ANALYSIS OF SPATIAL INFORMATION IS REQUIRED TO ENABLE APPROPRIATE PLANNING AND DESIGN. IN VIEW OF THIS THE WORKSHOP IS FRAMED TO GIVE AN OVERVIEW OF APPLICATIONS OF QUALITATIVE AND QUANTITATIVE APPROACHES FOR PLANNING, DESIGNING AND MANAGING DIFFERENT URBAN INFRASTRUCTURES.

THE WORKSHOP INTENDS TO BENEFIT ACADEMICIANS, PROFESSIONALS AND RESEARCH SCHOLARS FROM ARCHITECTURE AND CIVIL ENGINEERING BACKGROUND.

CONTENT

- CHANGING TRENDS IN URBAN INFRASTRUCTURE PLANNING AND DESIGN
- EVIDENCE BASED APPROACHES FOR URBAN DEVELOPMENT
- SUSTAINABLE URBAN TRANSPORTATION SYSTEM
- QUANTITATIVE METHODS FOR URBAN INFRASTRUCTURE PLANNING AND DESIGN
- APPLICATION OF COMPUTATIONAL TECHNIQUES IN URBAN INFRASTRUCTURE PLANNING AND DESIGN
- EMPIRICAL APPROACHES FOR URBAN ENVIRONMENTAL STUDIES
- GREEN INFRASTRUCTURE
- SMART URBAN UTILITIES

SPEAKERS

LECTURE SESSIONS BY THE FACULTY MEMBERS OF VSSUT, BURLA AND SPEAKERS FROM NATIONAL LEVEL INSTITUTIONS OF INDIA.

COORDINATORS

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