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Advanced Technical Training Program

On

“BIM SOFTWARE TOOLS”

at

**VASIREDDY VENKATADRI INSTITUTE OF
TECHNOLOGY**

Namburu, Guntur Dist.

Registration Form

Name: _____

Year:_____ Roll No -----

Name of the Institution:_____

Address for Correspondence: _____

Phone:_____

Email Id: _____

Place:

Date: _____ Signature of the Applicant

Sponsorship Certificate

Mr. /Ms. _____ Studying/

working in _____ (College/organization)

has been sponsored for the above Training Program and

he/she will be permitted to attend the Training Program if

selected.

Date:

Signature of the Principal
With seal



Advanced Technical Training Program

On

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2nd to 3rd MARCH 2018



Organized by

Department of Civil Engineering

**VASIREDDY VENKATADRI INSTITUTE OF
TECHNOLOGY,**

Accredited By NBA-AICTE & NAAC-UGC

Namburu, Guntur, Andhra Pradesh, Ph:0863-2293336

Email: hodcivil@vvit.net

www.vvitguntur.com

About VVIT:

Vasireddy Venkatadri Institute of Technology was established under the aegis of Social Educational Trust, Guntur in the year 2007. It is permanently affiliated to Jawaharlal Nehru Technological University, Kakinada and approved by AICTE. The departments of ME, EEE, CSE ECE and IT are accredited by NBA, New Delhi and awarded “A” grade by NAAC. In a short span of ten years, with an annual intake capacity of 1080, 126 and 60 students into B.Tech (CE, EEE, ME, ECE, CSE and IT), M. Tech (CSE, DECS,VLSI&ED, PEED, MD, SE) and MCA programs respectively. Today almost 4000 students, 255 teaching staff and 213 non-teaching staff strive to fulfil the vision of VVIT. The college has well qualified and experienced faculty including 35 Doctoral Degrees. VVIT has emerged as one of the top Ten Engineering Colleges from the 200 engineering colleges affiliated to the J N T U Kakinada. All the classrooms are Air condition equipped with ICT tools. The high-speed Wi-Fi internet connectivity with 100Mbps is provided. Siemens Centre of Excellency with 12 high technology laboratories including robotics laboratory have been set up to provide training to the students of all the surrounding colleges and unemployed rural youth. It is the youngest Engineering College in the state to achieve this recognition. MoUs with Google Inc. USA for establishing Google Code labs, Stanford University USA under University Innovative Fellowship (UIF) program and Venture Development Centre established by North-eastern University, Boston signify our commitment to quality technical education where VVIT is lauded by the press as the first institution in the state to seal the agreements. VVIT is the first college in the Coastal Andhra Region to install a 100KW solar power plant under Green Technology initiative. A central library with student book bank for all students with access to e-journals, DELNET, NPTEL and IUCEE caters to the academic and research needs of the students. Realizing the slogan that “Everyone Counts,” VVIT has the unique achievement of having placed most of its students in MNCs like Tech Mahindra, Infosys, TCS, Wipro, Athena Health Care, Open Text, Genpact, Sutherlands, CSS Corp, Convergys, Apps Associates, etc. (almost 50 companies) every year. Ten student clubs such as music club, culinary club, dancing club etc. cater to the extracurricular needs of the students. Since 2010, 17 students have been selected as national players and participated

as JNTUK university members in various games and sports events at various universities. Three villages were adopted by NSS Units to contribute services for their overall development. NCC units 10(A) and 2(A)-armed squadron adds luster to the campus.

Every year Darga to Durga program is being organized to imbibe the national integration among the students. Student Activity Council (SAC) is a very active student body that organizes all the events on the campus effectively and smoothly.

About Civil Engineering Department:

The Department of Civil Engineering was established in the year 2010. It has well qualified, experienced and dedicated faculty and committed supporting staff. The laboratories of the department are well-equipped with sophisticated equipment and instruments to fully satisfy the training needs of the students as well as the research and consultancy needs of the department. The department offers UG program with two sections and PG program in Structural Engineering. This department received Academic Excellence Award from the JNTUK in the year 2014. Department organizes seminars, workshops, conferences and expert lectures on the recent advances in Civil Engineering practices on a regular basis

About the Work Shop:

A shift in process and expectation is happening in the Indian construction market following the economic bloom and gloom, and architects are stepping up to the challenge. The focus is shifting from traditional 2D based to a practical reality with respect to functional, economic, energy, etc. All disciplines involved with a project can share a single database. Architecture, structure, mechanical, electrical, infrastructure, and construction are tied together and challenge to coordinatING them is unprecedentedly possible. Energy analysis can be done at early stage of design, and construction costs are becoming more predictable. BIM allows use of a parametric 3D model to auto generate traditional building documents such as plans, sections, elevations, details, and schedules. Drawings produced using BIM supported Software are not of manually coordinated lines, but interactive representations of a model. The changes made in this Model are automatically coordinated throughout the project, which eliminate the coordination mistakes, improve overall quality of the work. Building Information Modeling (BIM) is widely seen as a catalyst for innovation and productivity in the construction industry. BIM can assist a more sustainable construction

process that in turn may contribute to eradicating poverty in developing countries.

A Building Information Model is a digital representation of the physical and the functional characteristics of a facility. As such it serves as a shared knowledge resource for information about a facility, forming a reliable basis for decisions during its life cycle from inception onward. To create a BIM, a modeler uses intelligent objects to build the model. The Architecture, Structural, interior design Modelling, Geotechnical engineering, Environmental, Mechanical Engineering and Plumbing, Landscape architecture modelling are required to implement BIM in construction. The main objective this workshop is to train engineers in BIM software tool to meet industrial demand

Schedule of the Program

DATE	KEY AREAS SCHEDULE	
	Technical Session I	Technical Session II
2/3/2018	Basic concept of BIM, Evolution of BIM, Advantage of BIM, Role of Participants in BIM process	Building Information Modeling (BIM) in India, Barriers in implementation of BIM, BIM standards, BIM Tools
3/3/2018	Architecture and Structural tools, Revit Architecture and Structures, Revit structural analysis	Robot structural analysis, Energy analysis tools, Shadow analysis tool Lighting analysis tool

A certificate will be given to all the participants and a computer system will be provided to each participant for hands on Training, during technical sessions.

TIMINGS:

- Technical Session I : 9 AM-1:00 PM**
- Technical Session II : 2:00 PM-4:00 PM**
- Registration Fee : Rs.400**

Selection:

Maximum number of participants per college: 5

Registration Link:

<https://goo.gl/forms/gTFpM2WJLBUygNzF2>

