



**VALLURUPALLI NAGESWARA RAO VIGNANA JYOTHI
INSTITUTE OF ENGINEERING AND TECHNOLOGY**

An Autonomous Institute, NAAC Accredited with A++ Grade
NBA Accredited for CE, EEE, ME, ECE, CSE, EIE, IT B.Tech Courses
Approved by AICTE, New Delhi, Affiliated to JNTUH
Recognized as "College with Potential for Excellence" by UGC

EAMCET CODE: VJEC

PGECE CODE: VJEC1



**DEPARTMENT OF CIVIL ENGINEERING
A BRIEF REPORT ON
TWO DAYS WORKSHOP ON
BUSINESS OPPORTUNITIES IN WASTE MANAGEMENT
(BOWM-2019)
OCTOBER 3rd & 4th, 2019**



THEME OF WORKSHOP:

The generation rate of solid waste in Indian context is in an exponential way. The increasing market potential and consumerisms are the major reasons for the huge increase in solid waste generation. Disposing the generated waste to the landfill or treating that in a most conventional formal way only will not solve the exact persisting problems. Therefore, introducing the innovative ideas which can be the pathways where the solid waste can be converted into useful business products in a formal way. After considering the above phenomenon and its need of hour, the following objectives were framed for this workshop.

- i. To disseminate the ideas and concepts related to waste management and create awareness,
- ii. Technical methodologies for the treatment and conversion of waste to energy or wealth,
- iii. Business opportunities in the field of:
 - a. Biogas generation,
 - b. E-waste recycling,
 - c. Plastic waste management,
 - d. Bio-medical waste treatment,
 - e. Municipal solid waste management,
 - f. Wastewater treatment.

The two day national workshop on “**BUSINESS OPPORTUNITIES IN WASTE MANAGEMENT (BOWM-2019)**”, was inaugurated on 3rd Oct 2019, by chief guest **Mr.KS.Venkata Giri, Executive Director & Head CII, Green Business Center**. Nearly, 30 participants from industries, academics and research scholars have registered for the workshop.

Followed by the inauguration, **Chief Guest, Mr.KS.Venkata Giri, Executive Director & Head CII, Green Business Center** has given an enlightened speech in business opportunities available in each sectors of waste management.

Dr.C.D.Naidu, Principal, VNRVJIET have given the presidential address and spoke about the importance of this workshop. He praised the department to organize this workshop at the right time.

Dr.B.Chennakesava Rao, Director for Advancement & Dean (Administration) has given the overview of business opportunities available in the waste management. He asked the students to get the various aspects of knowledge on opportunities in waste management sector.

Dr.A.Mallika, Professor & Head, Department of Civil Engineering has given a thought provoking speech on how we are daily dealing our domestic solid waste, and its problems during monsoon seasons.

Followed by the dignitaries address about the workshop

The workshop was concluded with a valedictory and certificate distribution to participants by **Dr.B.Siva Prasad**, Scientist & Head, Biotech Division from EPTRI, Hyderabad. **Dr.B.Chennakesava Rao**, Director for Advancement & Dean (Administration) and **Dr.A.Mallika**, Professor& Head, Department of Civil Engineering. Vote of thanks was read by **Mr.PVS.Gopi Raghunath**.



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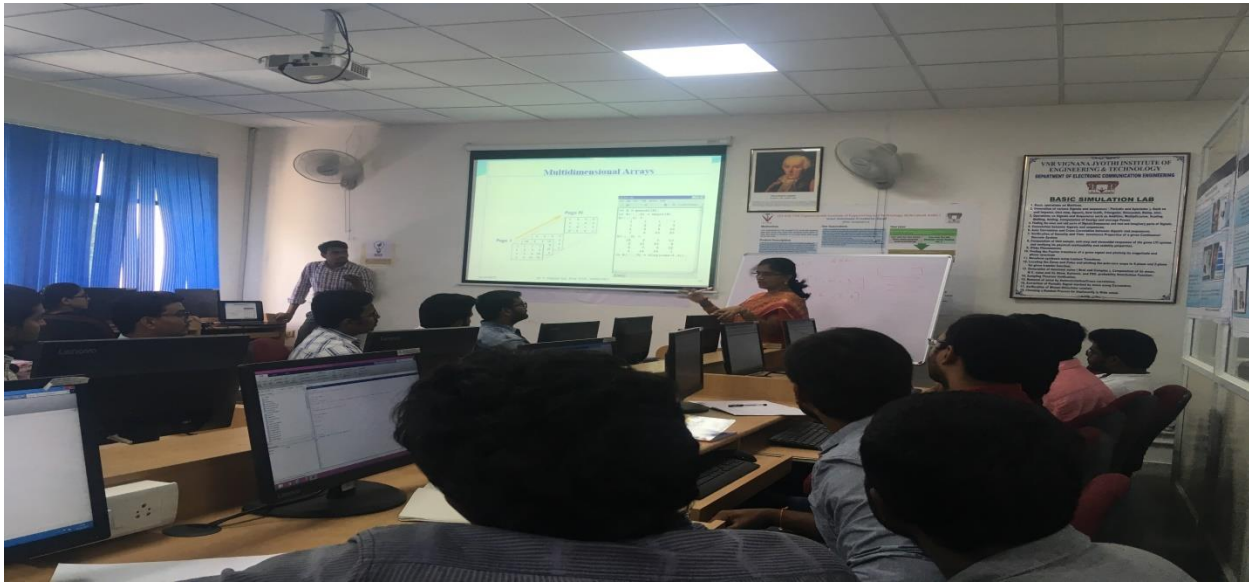
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**DEPARTMENT OF CIVIL ENGINEERING
A BRIEF REPORT ON
TWO DAYS WORKSHOP ON
SOFT COMPUTING SKILLS
AUGUST 30th & 31st 2019**



THEME OF WORKSHOP:

The workshop is organized for the benefit of Post Graduate students of all specializations of Civil Engineering Department. Students got enriched with data analysis and modelling procedure.

- Data Sanitisation
- Data Preparation
- Exploratory analysis of data.

- Plotting graphs
- Developing linear regression models.

The students also learnt basics of Excel and MATLAB software for analyzing the data and developing regression models.