About the Institute

Shri Vishnu Engineering College for women (SVECW) is the seat of vibrant education ecosystem under the aegis of Sri Vishnu Educational Society (SVES). SVECW is dedicated to its objective of empowering women by providing equal opportunities of learning and creating a competitive advantage of inclusive growth.

SVECW is located on a sprawling 100 acres serene campus at Vishnupur, Bhimavaram, West Godavari Dist. of Andhra Pradesh. Permanently affiliated to Jawaharlal Nehru Technological University (JNTU) Kakinada, The self contained campus provides an ideal ambience for balanced approach to academic learning and extracurricular activities. With a scalable infrastructure supported by nationally renowned faculty, stream specific laboratory, project based learning using in-house developed pedagogic tools and hands on industry exposure, SVECW offers unmatched resources and facilities to its talent pool which include: centers of excellence established in collaboration with industries like IBM, Texas Instruments India and foreign Universities like University of Massachusetts Lowell, USA .The institute also has its own campus radio "Radio Vishnu 90.4" and an on campus TV network "Vishnu TV academy" setup to telecast college specific academic and non academic activities.

About the Department

The Department of Electronics and Communication Engineering of Shri Vishnu Engineering College for Women (SVECW) was established in the academic year 2001-02 with an annual intake of 60.The Department is accredited by NBA (National Board of Accreditation, AICTE, New Delhi). The intake was increased to 120 from the academic year 2004-05 and later the intake was increased to 180 from the academic year 2011-12. In addition to this intake, the Department has 20% lateral entry students at II B.Tech. level.

The B.Tech. (ECE) program is duly approved by the AICTE and Government of Andhra Pradesh and has a permanent affiliation to Jawaharlal Nehru Technological University (JNTU), Kakinada. The Department has a number of well-equipped laboratories and provides excellent facilities for learning. The Department periodically organizes seminars, symposia, workshops and guest lectures for the benefit of both the students and the faculty. The department has an excellent blend of well experienced and young faculty.

Vision

To become leading centre of learning that incorporates the academic excellence and latest trends in research to make a significant contribution to the society in the field of Electronics and Communication Engineering.

About the Faculty

The faculty in the department of ECE is actively involved in the research and development activities. The department has received a funding of worth Rs. 2 cores from different agencies. The department has received funding for the development of DSP and Microwave labs from AICTE under MODROBS scheme 10 lakhs from each lab. The department of ECE received so many laurels at the state, national and international level as well for the projects developed by the students under the guidance of the efficient faculty in the department. They have won laurels and cash awards in competitions like Imagine cup organized by Microsoft, Innovation Jockeys organized by Yahoo, Accenture and Texas Instruments etc.

About the Workshop

The main objective of the workshop is to train the academicians to understand the concepts related to Speech Recognition and implement the same in practice for real world applications.

The workshop is envisioned to provide a unique bilateral forum to establish conversation and idea exchange amongst the resource persons and fellow faculty which helps to improve their skill set related to Speech Recognition.

The workshop would have a serial activity of events for three days which revolve around finding and sharing solutions for typical challenges in the field of Speech Recognition.

Who shall attend?

Faculties of Engineering Educational Institutions who are interested in Speech Recognition are eligible to apply.

Why should you attend?

The workshop will provide a platform to share research/application work of participants with leading minds in Speech Recognition

Registration:

Persons who are interested to take part in the event should register themselves by filling the registration form attached and send it to the mailing address given in the brochure. Participation is limited to only 30 persons.

Important Dates:

Last date for registration   : 17th July,2016.
Intimation to the participants: 19th July,2016.

Program

- ➢ *Introduction to Speech Processing and its applications.*
- ➢ *Speech recognition*
- ➢ *SPHINX installation*
- ➢ *Speech recognition system building using SPHINX*
- ➢ *Practicing Speech recognition building*
- ➢ *Speech recognition in Mobile Environment*
- ➢ *Speech recognition systems building using different database*
- ➢ *Speech recognition in noisy conditions.*
- ➢ *Current Challenges in Speech Processing*
- ➢ *Deep Understanding of ASIC Implementation*
- ➢ *Frequency response and Compensation of Amplifiers-Performance Analysis*

Chief Patrons
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  Chairman, Sri Vishnu Educational Society
- Sri. Ravi Chandran Rajagopalan
  Vice Chairman, Sri Vishnu Educational Society
- Sri P. Krishna Ganga Raju
  Secretary, Sri Vishnu Educational Society
- Sri K Aditya Vissam
  Joint Secretary, Sri Vishnu Educational Society

Patrons
- Dr. G. Srinivasa Rao, Ph.D.
  Principal, SVECW
- Dr. P. Srinivasa Raju, Ph. D
  Vice Principal, SVECW

Organizing Committee

Dr.K.Padmavasavi,Professor
Mr.S.Hanumantha Rao, Assoc.Prof.
Mr. V Srinivasa Rao, Assoc.Prof.
Mr K.Murthy Raju, Assoc.Prof.
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A Three Day Workshop

On

Speech Recognition:: Hands on Experience

21-23 July, 2016
Under TEQIP-II

Convener
Dr. G. R. L. V. N. Srinivasa Raju
Professor and Head, Department of ECE

Coordinators

Dr. K. Pushpa,
Professor, Department of ECE

Mr. M.V.Ganeswara Rao
Assoc.Professor,Department of ECE

Organized

By

Department of Electronics and communication Engg.

Shri Vishnu Engineering College for Women (Autonomous)
(Affiliated to JNTUK, Accredited by NBA)
(Winner of IMRCB National Quality Trophy)
(Winner of APQO International Award)
Vishnupur, Bhimavaram-534202
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