

Registration Information

GENERAL INFORMATION

- Faculty members of ECE, CSE, EEE, Mechanical Engineering and related disciplines from AICTE approved engineering colleges are invited to participate in this workshop.
- Number of participants is limited to 30.
- Registration fee : Rs. 1000/-
- Course material and kit will be provided to all the Participants.
- All the participants are request to bring their laptops with Matlab installed (preferably)
- Lunch and snacks will be provided during workshop.
- Accommodation will be provided to a limited number of participants on first come first serve basis subjected to the availability.
- The list of shortlisted candidates will be notified through email on 07.04.2018
- Register Online using the link provided in the website
- **Last date for Registration : 05.04.2018**

ADDRESS FOR CORRESPONDANCE

Dr. Sudheer Kumar Terlapu and Mr. V Srinivasa Rao
Coordinators, Department of ECE,
Shri Vishnu Engineering College for Women (A),
Vishnupur, Bhimavaram-534202,
Andhra Pradesh, India
Email: profsudheer@ieee.org
Mobile : +91-9866 27 87 97/ 8331 842 841.

Programme Committee

CHIEF PATRONS

Shri K. V. Vishnu Raju, *Chairman, SVES*
Shri R. Ravi chandran, *Vice-Chairman, SVES*

PATRONS

Dr. G. Srinivasa Rao, *Principal, SVECW*
Dr. P. Srinivasa Raju, *Vice-Principal, SVECW*

CONVENER

Dr. GRLVN Srinivasa Raju, *Professor and HOD-ECE*

COORDINATORS

Dr. Sudheer Kumar Terlapu, *Associate Professor*
Mr. V Srinivasa Rao, *Associate Professor*

ORGANIZING COMMITTEE

Dr. K. Pushpa, Professor
Dr. K. Padma Vasavi, Professor
Mr. S. Hanumantha Rao, Associate Professor
Mr. K. Murthy Raju, Associate Professor
Dr. M. Prema Kumar, Associate Professor
Mr. M.Pradeep, Associate Professor
Mr. M.V.Ganeswara Rao, Associate Professor
Mr. P. Akhendra Kumar, Associate Professor
Mr. N Prasad, Associate Professor
Mr. D. Murali Krishna, Sr. Assistant Professor
Mr. P.Ravi Kumar, Sr. Assistant Professor
Mr. R.Viswanadham, Assistant Professor
Mr. M.Padmanabha Raju, Assistant Professor
Mr E.R.Praveen Kumar, Assistant Professor
Mr. A. Narayana Kiran, Assistant Professor
Mr. K.S.N.Raju, Assistant Professor
Ms. K.Priyanka, Assistant Professor
Mr. K.Praveen Kumar, Assistant Professor
Mr. J. Kiran, Assistant Professor
Mr. R. Ashok Chaitanya Varma, Assistant Professor
Mr. M. V. Subba Rao, Assistant Professor
Mr. T. Sairam Vamsi, Assistant Professor
Mr. M. A. S. Mohan Raju, Assistant Professor
Ms. P. Selva Rosaline, Assistant Professor
Ms. Ch. Jaya, Assistant Professor
Ms. T. Sruthi, Assistant Professor
Mr. D Krishna Madhav, Assistant Professor

Faculty Development Programme

ONE WEEK NATIONAL LEVEL FDP
On
Evolutionary and Nature Inspired
Meta-Heuristic Algorithms for
Engineering Applications
13 – 17 April, 2018



Organized
by
Dept. of Electronics & Communication Engineering
SHRI VISHNU ENGINEERING COLLEGE FOR WOMEN (A)
(Permanently Affiliated to JNTUK,
Accredited by NBA & NAAC with 'A' Grade)
(Winner of IMCRB National Quality Award 2017)
(Winner of APQO International Award)
Vishnupur, Bhimavaram – 534202, W. G. District,
Andhra Pradesh., India
www.svecw.edu.in

About the College

Shri Vishnu Engineering College for women was established during academic year 2001-2002 to empower women in professional courses. This institute has witnessed significant growth within a period over 15 years and stands out as one of the best engineering colleges in AP. This institute is accredited by NAAC with 'A' grade. This institution is under autonomous status from the academic year 2014-15 and it is the first women's college under JNTUK to get such an autonomous status.

In recognition of its progressive strides, the World Bank has granted TEQIP Phase-II project to SVECW. Indian Merchant's Chamber (IMC) recognized the services of SEVECW with its Ramakrishna Bajaj National Quality award in education sector.

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 Both UG and PG courses (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.

About the FDP

To provide a platform for the academicians and industrial communities with a view to explore the soft computing methodologies for engineering applications. Soft Computing Techniques have been recognized as attractive alternate to standard hard computing paradigms. Traditional hard computing methods require a precisely stated analytical model and often a lot of computational time. Soft computing techniques which emphasize gains in understanding behavior in exchange for unnecessary precision have proved to be important tools for many contemporary problems. In recent years, Evolutionary optimization algorithms play a vital role in solving real time optimization problems in various fields which includes more number of objectives and constraints.

Topics to be covered

- Overview of Evolutionary Optimization Algorithms and their applications.
- Constrained and unconstrained Optimization.
- Genetic Algorithm (GA)
- Differential Evolution Algorithm (DE)
- Particle Swarm Optimization (PSO)
- Clustering and Classification using PSO
- Cat Swarm Optimization (CSO)
- Ant Colony Optimization (ACO)
- Social Group Optimization (SGO)
- Flower Pollination Algorithm (FPA)
- Applications of Optimization Techniques

Resource Persons

1. Prof. Ganapati Panda, IIT-Bhubaneswar
2. Prof. B K Panigrahi, IIT-Delhi
3. Prof. Suresh Chandra Satpaty, PVPSIT-Vijayawada
4. Dr VVSS Chakravarthy, RIT-Visakhapatnam
5. Dr. T Sudheer Kumar, SVECW(A)-Bhimavaram

Registration Form

ONE WEEK NATIONAL LEVEL FDP on Evolutionary and Nature Inspired Meta-Heuristic Algorithms for Engineering Applications 13 – 17 April, 2018

Name:

Designation:

Organization:

Official Address:

Mobile:

Email:

Accommodation Required: (Yes/No)

Date:

Signature

SPONSORSHIP

Dr/Mr./Ms./Mrs. _____

employed as _____ in our

organization is sponsored to attend the above Faculty Development Programme on Evolutionary and Nature Inspired Meta-Heuristic Algorithms for Engineering Applications during 13-17 April, 2018.

Place:

Date:

Signature of Sponsoring Authority