

One Week Faculty Development Program (FDP)
on
Soft Computing and Applications (SCA-2018)
(August 10-14, 2018)



SCA-2018 @ ABV-IIITM Gwalior

Soft computing or computational intelligence methods are search and optimization methods that find inexact solutions to the computationally hard problems for which no known conventional (hard) methods exist. These methods are different from conventional computing methods in a way that they are tolerant to imprecision, uncertainty, and partial truth. Therefore, these methods find their applications in every walk of life be it engineering, design, and management or history, arts and geography. This course aims to provide an exposure to such methods with applications in diverse fields along with latest research trends.

Organized by

The course is being organized by the **ABV-IIITM Gwalior** in collaboration with the **E&ICT Academy** at **PDPM IITDM Jabalpur**.

About ABV-IIITM Gwalior

ABV-IIITM Gwalior is a premier institute incepted by MHRD, Government of India in the year 1997 as a center of excellence in the field of Information Technology and Management. It is NAAC 'A' certified and has also been declared as an institute of national importance by the Government of India. It is located in the city of Gwalior in the northern part of the state of Madhya Pradesh, India. The Institute activities are aimed at developing a culture of inquiry and research through highly competitive academic environment, and close interaction between institute and corporate world.



About E&ICT Academy, PDPM-IITDMJ

The Ministry of Electronics and Information Technology, Govt. of India, has instituted 7 Electronics and ICT Academies, with an aim to provide specialized training to Faculty of Engineering, Polytechnics, etc., in the advanced areas of engineering disciplines. The E & ICT Academy, established at PDPM-IITDM Jabalpur, envisages to induct activities on training, consultancy work and entrepreneurship programs that will cover the states of Madhya Pradesh, Maharashtra & Chhattisgarh.

Eligibility

Faculty members from degree level academic institutions dealing in engineering and technology are eligible to attend. However, research scholars and personnel from R&D Labs and Industries are also most welcome.

Registration Fee and Registration Details

Registration Fee: Rs.1,500/- (For all - Academia / R&D Lab / Industry)

Last Date of registration: 01 August 2018

Payment details:

Without accommodation: Rs.3,000.00 (It includes registration fee; conference kit; tea/snacks and lunch during the course.)

With accommodation (Single): Rs.8,000.00 (It includes registration fee; accommodation for (5+1 days); breakfast, lunch and dinner for (5+1 days); and conference kit.)

With accommodation (Twin sharing): Rs.6,500.00 (It includes registration fee; accommodation for (5+1 days); breakfast, lunch and dinner for (5+1 days); and conference kit.)

Payment modes:

Demand Draft: DD should be in favor of **ABV-IIITM FDP Account** payable at **Gwalior**

NEFT: A/c Name: ABV-IIITM FDP Account; A/c Number: 945210110009380; Bank and Address: BOI, IIITM Campus Gwalior; IFSC: BKID0009462

More details can be found on <https://iiitm.ac.in/>

Course Coordinator and Contact Detail

Pramod Kumar Singh

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Resource Persons

Anand Kulkarni	Symbiosis Pune	Cohort Intelligence Algorithm and its Applications
Bijaya Ketan Panigrahi	IIT Delhi	Evolutionary Computation and its Application to Engineering Problems
Jagdish Chand Bansal	SAU Delhi	Swarm Algorithms and Performance Indicators
Manoj Thakur	IIT Mandi	Classical Optimization, Evolutionary Computation and Applications
Nishchal Kumar Verma	IIT Kanpur	Fuzzy Systems, Type-2 Fuzzy Systems Deep Fuzzy Networks and Applications
Pramod Kumar Singh	ABV-IIITM Gwl	Meta-heuristic Optimization, Multi-Objective Optimization
Ravipudi Venkata Rao	SVNIT Surat	TLBO and Jaya Algorithms and Applications
Sankalp Arora	DAV Uni Jalandhar	Butterfly Optimization Algorithm: Recent Advances and Applications
Swagatam Das	ISI Kolkata	Swarm and Evolutionary Algorithms, Deep Learning and Deep Neural Network

- A prime attraction of the program (course) is a face-to-face interaction with four eminent speakers who are developers of soft computing methods.
- Ample number of practice sessions and demonstrations are also part of the course.

How to Apply

1. Make Payment
2. Send duly filled registration form along with DD or NEFT receipt to the coordinator.

Kindly note, total number seats are limited to 40.

Reaching ABV-IIITM Gwalior

Gwalior is located centrally to India. Hence, it is well connected to major cities of India through rail and road. Air connectivity is available to Mumbai and Delhi on select days. The ABV-IIITM Gwalior is 7 Kilometers from railway station and 12 Kilometers from airport.

Registration Form Soft Computing and Applications (SCA - 2018) August 10 – 14, 2018

Name:

Designation:

Department:

Institution/Organization:

Address (Institution/Organization):

Email:

Mobile:

Educational Qualification (M. E./M. Tech./PhD):

Category: Gen ☐ OBC ☐ SC ☐ ST ☐

Areas of Research Interest:

Whether Accommodation is required: Yes ☐ No ☐

If Yes, Single ☐ Twin-sharing ☐

Fee details

Amount:

DD No. / NEFT Details :

Date:

Amount:

Bank Details:

(Please do not forget to mention “<your name> + SCA-2018” in remarks in case of NEFT.)

Signature of the Applicant

Signature and Seal of Head of the Institute/Organization