

BRACT's  
Vishwakarma Institute Of Information Technology  
Kondhwa (Bk), Pune - 411048

DEPARTMENT OF COMPUTER ENGINEERING

FDP Organized

Year	Name of Co-ordinator	Title Of the FDP	Total No of days	Start Date	End Date
2021-22	Mrs. Madhuri P. Karnik	Recent Trends in Smart Computing	5	10/18/2021	10/22/2021

R&D  
Committee

HOD

## Chief Patron

**Hon. Shri. Rajkumarji Agarwal**  
Chairman, BRAC, Pune

## Patron

**Hon. Shri. Bharatji Agarwal**  
Managing Trustee, BRAC, Pune

## Advisory Committee

<b>Dr. Ramprasad Irshad</b> Professor., AUAS, Amsterdam, Netherlands	<b>Dr. Reza Esmaili</b> Professor., AUAS, Amsterdam, Netherlands
<b>Dr. Varsha Patil</b> Chairman, BOS (Comp), SPPU	<b>Mr. Abhishek Agrawal</b> Chairman, CSI Pune Chapter
<b>Mrs. Pradnya Kulkarni</b> Ex-Chairman, CSI Pune Chapter	<b>Dr. Abhijit Chitre</b> Dean Academics, VIIT, Pune
<b>Dr. M S. Karyakarte</b> Professor, Dept of Computer Engg., VIIT, Pune	<b>Dr. Rajendra Talware</b> Dean R&D, VIIT, Pune

## Director

**Dr. Vivek S. Deshpande**  
Director, VIIT, Pune

## Convener

**Dr. Sachin.R. Sakhare**  
Head, Department of Computer Engg.

## Co-convener

**Mrs. Snehal R. Rathi**  
Assistant Prof. Department of Computer Engg.

Contact No. 9890969897  
ID: [snehal.rathi@viit.ac.in](mailto:snehal.rathi@viit.ac.in)

## Schedule

Date	Topics to be Covered	
18 <sup>th</sup> Oct. 2021	4-4.15pm	Inauguration
	4.15pm-6.15pm	RPA Overview
	4.15-6.15pm	Emerging trends in Cloud Computing & AWS hands-on
19 <sup>th</sup> Oct. 2021	4.00pm-5.30pm	Smart diagnosis using ML with Medicinal Images
	5.30pm-7.00pm	Emerging trends in Quantum Computing
20 <sup>th</sup> Oct. 2021	4.00pm-5.30pm	Publication Ethics and good Practices
	5.30pm-7.00pm	Intelligent Computing and Optimization
21 <sup>st</sup> Oct. 2021	4.00pm-5.30pm	Recent trends in Blockchain
	5.30pm-7.00pm	Recent trends in Security
22 <sup>nd</sup> Oct. 2021	4.00pm-5.30pm	Developing Cyber Security Program
	5.30pm-7.00pm	Recent trends in Healthcare Domain

## Objective of STTP

1. To provide a forum to exchange views, ideas and; the latest innovations in the field of recent trends in smart computing.
2. To offer learning on basics, emerging trends and; challenges in the emerging fields of Computer Engineering and Information Technology.
3. To introduce emerging domains and to provide opportunities to further widen the knowledge and to pursue research.
4. To motivate participants for the research in the contemporary technology areas.



**Faculty Development Program (FDP)**  
On

## RECENT TRENDS IN SMART COMPUTING

**Duration : 18/10/2021 to 22/10/2021**  
**Time: 4.00PM-7.00PM**

Organized by:  
**Department of Computer Engineering**

In association with  
**Computer Society of India (CSI)**  
**Pune Chapter**  
and  
**CSI Student Branch & R&D Cell, VIIT**

## VISHWAKARMA INSTITUTE OF INFORMATION TECHNOLOGY

An Autonomous Institute Affiliated to SPPU, Pune  
NBA and NAAC Accredited with 'A' grade  
ISO 9001-2015 Certified Institute  
Sr. No. 3/4,3/5 Kondhawa (BK), Pune-48

## About the Institute

Vishwakarma Institute of Information Technology (VIIT) was established in 2002 by Bansilal Ramnath Agarwal Charitable Trust and is approved by AICTE and is affiliated to Savitribai Phule Pune University. VIIT was started with the mission of imparting quality technical education to develop employable engineers for industry. The institute offers degree courses in Electronics and Telecommunication Engineering (E & TC), Computer Engineering, Information Technology (IT), Civil Engineering, Mechanical Engineering, AI & DS and Post Graduate courses in E&TC (Signal processing), Computer Engineering, Civil (Structures, Water resources and Environmental engineering) and Mechanical Engineering (Design). It also offers research programs (PhD) in Computer, E&TC and Civil Engineering. Vishwakarma Institute of Information Technology (VIIT) recently received autonomy status from University Grants Commission (UGC), New Delhi. Department of Computer and IT are already accredited by National Board of Accreditation (NBA) for 3 years. VIIT also received 'A' grade from NAAC.

## About Department

Since 2002, the Department of Computer Engineering, VIIT is dedicated to imparting quality education in the field of Computer Engineering. We now offer a four-year full-time Undergraduate (B.Tech.) degree program with an intake of 240. We offer a Postgraduate program as well, and this year we start with our Ph.D. program too.. The Computer Engineering program has been accredited three times by the National Board of Accreditation (NBA) up to the year 2021. The department has state-of-art well-equipped laboratories and well qualified, experienced faculty who follow the NBA prescribed philosophy of outcome-based education (OBE). Our teaching is learner-centric, with importance given to achieving the objectives of the learning process. Our

## Resource Person

Resource persons are eminent speakers from Industries and academia

### Coordinator

#### Mr. Y. K. Sharma

Assistant Professor, Department of Computer Engg.

Contact No. 9422282219

E-mail ID: yogesh.sharma@viit.ac.in

#### Mrs. M. P. Karnik

Assistant Professor, Department of Computer Engg.

Contact No. 8421502068

E-mail ID: madhuri.chavan@viit.ac.in

## Organizing Committee

Dr.K. H. Wanjale

Prof.L. A. Deshpande

Dr. L. A. Bewoor

Prof. M.P.Mali

Prof.P. R. Rege

Mr. Y.V. Dongre

Prof. P.D.More

Prof.S.A.Tiwaskar

Mrs. V.A. Meshram

Ms. V.A. Mishra

Mrs. V.V. Meshram

Ms. V.S. Gaikwad

Prof.S. B. Tatale

Mrs. D.S. Wankhede

Prof.A.P.Katade

Mr. N.N. Sakhare

Mr. V.K. Kolekar

Mrs. P.G. Chavhan

Mrs. N.G. Kharate

Mrs. D.A. Verma

Dr. N.S.Bhirud

Dr. G. R. Shinde

Prof. S.Y. Nigam

## Session Link

### Zoom Link for all sessions :

<https://us02web.zoom.us/j/83193176516?pwd=a0VKOG4yS0hoQzMvUDZnYzZQRVdKUT09>

## Registration Link

<https://forms.gle/BunEi56hyPZibKDLA>

### Eligibility for Registration:

Faculties, students, industry persons, and anyone interested can attend the STTP.

### Certification:

- Attendance will be taken in every session.
- E-Certificate will be provided to all the participants with 80% attendance

**NO REGISTRATION FEE.**

Limited Seats are Available. Registration is on First Come First Serve basis.

## Significance of STTP

Smart computing is a significant multi-disciplinary area where exceptional computational techniques and innovations are joined with engineering approaches to deal with creation of systems, applications and new services that address the issues of society. Smart Computing is already making waves in commercial/business space. In equal, there are great deals of R&D endeavours in progress covering different areas. How about we peep into this little more to comprehend the areas which are making some noise today. However there are numerous such areas, we attempt to pick few which are truly nascent and gearing up like health-care, security, surveillance, industrial systems, Quantum Computing, Image Computing and Social Computing. In all these areas, innovation requires both conceiving new applications and services, as well as improving the efficiency, reliability, and sustainability of the existing ones. So it is really important to make awareness of this field.