



MHRD

Government of India
Ministry of Human
Resource Development



**Pandit Madan Mohan Malaviya National Mission on
Teachers and Teaching
(PMMMNTT)**

Faculty Development Programme in Cyber Security

For

Faculty in Universities, Colleges and Institutes of Higher Education

(16th September to 21st September 2019)

Call for Registration and Participation

**Venue: Vishwakarma Institute Of Technology, 666, Upper Indiranagar,
Bibwewadi,
Pune, Maharashtra 411037**



Shivaji University, Kolhapur.



Vishwakarma Institute Of Technology, Pune

Jointly Organized by

Shivaji University, Kolhapur

And

Vishwakarma Institute Of Technology, Pune

About Shivaji University, Kolhapur

Shivaji University, established in 1962, is named after the Great Maratha Warrior and founder of the Maratha Empire Chhatrapati Shivaji Maharaj. One of the major objectives behind foundation of this University was to cater to the regional needs of South Maharashtra. The jurisdiction of the University is spread over three districts viz. Kolhapur, Sangli and Satara with strength of about 3,00,000 students studying in 280 affiliated colleges and recognized institutes. The recent phase of the University can be termed as "a pursuit of academic excellence". Since last 4-5 years, several attempts are being made to overcome the image of University as a regional University. The University's efforts towards excellence are being recognized by the substantial grants received from funding agencies like UGC, DST, DBT etc. Another indicator of recognition of University is collaborations with premier institutes in the country. Shivaji University has recently signed MOU with Bhabha Atomic Research Centre, Mumbai for research in Material Science. It has also joined hands with Indian Institute of Geo-Magnetism, Mumbai and industries like Phyto-Pharma. Prestigious institutes like Maharashtra Police Academy, Nashik and Centre for Social Studies, Surat have sought affiliation with the Shivaji University. Shivaji University has been re-accredited by National Assessment and Accreditation Council (NAAC) Bangalore, with "A" Grade (CGPA-3.16) (2014). Shivaji University has bagged the 28th position in the rankings announced by the National Institutional Ranking Framework (NIRF) of Union Ministry of Human Resource Development (MHRD). As per the INFLIBNET report, Shivaji University stands second in use of Nature publications Group's (NPG) e-journal usage in the country. The University has also signed MoU with Centre for Development of Advanced Computing (C-DAC), Pune. Under the agreement, the two institutions will exchange information and communication technology.

About Vishwakarma Institute Of Technology, Pune

Vishwakarma Institute of Technology, Pune, obtained '**A++**' **grade in NAAC accreditation** a highly commendable private institute, occupies a place of pride amongst the premier technical institutes of the western region of India. Established in the year 1983, financed and run by the Bansilal Ramnath Agrawal Charitable Trust, Pune. It is affiliated to the University of Pune. Within three decades, the institute marched towards the pinnacle of glory through its remarkable achievements and laurels in the field of engineering education of high calibre. According to Indian history, 'Vishwakarma' is a divine architect-engineer. It is believed that He fashioned this world with His rare engineering skills. The Trust adopted this name with a vision to develop engineers of high calibre, who could take up challenges of any type of engineering job and become successful in the chosen career. The campus spread over 17.625 acres of land, boasts of lush green lawns that provide an ambience and a serene atmosphere of ancient Gurukuls far from the madding crowd. Vishwakarma Institute of Technology hereafter called, as 'The Institute' is one of the leading autonomous Institutes permanently affiliated to Savitribai Phule Pune University. It was started in 1983 with an objective to impart quality technical education for the overall development of students and the latest need of Society in general and Industry in particular.

- The Institute is running 9 under graduate, 8 post-graduate & 6 Ph.D. Programme which are affiliated to the University of Pune.
- The Institution was selected under the world bank project TEQIP Phase- I i.e. Technical Education Quality Improvement Programme by Ministry of HRD, New Delhi.
- The Institution is ISO 9001-2015 certified by BSI, India.

About FDC Centre in Cyber Security:

National Resource Centre in Cyber Security is established under the guidance RUSA Maharashtra from the grants received from the MHRD, Government of India under the 'Pandit Madan Mohan Malaviya National Mission on Teachers and Teaching (PMMMNTT)' scheme. Objective of this centre is capacity building of human resource which is recognized as a critical element to strengthen not only the organization/ institutions but even the people at grassroots level by spreading awareness Cyber security. There is a large gap between demand and availability of trained human resource in Cyber Security, who can beneficially utilize the available information for cyber safety. Cyber security trained human resource is needed both as the provider and user of Technology. This is vital for sustainable development so that informed decision making can be done at all levels.

Cyber security refers to the body of technologies, processes, and practices designed to protect networks, devices, programs, and data from attack, damage, or unauthorized access. Cyber security may also be referred to as information technology security. The field is becoming more important due to increased reliance on computer systems, the Internet and wireless network standards such as Bluetooth and Wi-Fi, and due to the growth of "smart" devices, including smartphones, televisions, and the various devices that constitute the "Internet of things". Due to its complexity, both in terms of politics and technology, cyber security is also one of the major challenges in the contemporary world.

About the Training:

Cyber security is need of the time, as estimated by National Association of Software and Services Companies (NASSCOM)'s Cyber security Task Force, there is need of 1 million trained cyber security professionals in India by 2025. But, currently there are only 62,000, so to fill this gap there is need to introduce cyber security courses at graduate and postgraduate *levels*. Our aim is to train teachers with practical skills so that more and more cyber security experts can be shaped every year. It is expected that the 'Train the Trainers' approach shall percolate to the students in colleges and make them suitable to take up challenges in the domain of Cyber Security which is the need of this decade and will thus improve their employability enhancing campus placement. In addition, Cyber Security courses will help in start-ups and employment opportunities. The faculty shall be also trained specifically as knowledge creator with strong practical 'skills' and theoretical details.

Objectives of the Training:

- Train 2000 faculties.
- Building networks of professional.
- Forming consortium of industries specialized in cyber security which will interface with Shivaji University, Kolhapur.
- Sensitizing cyber security to masses at large for strengthening cashless transactions.

Eligibility:

Faculty Members from Science and Technology, Humanities, Social Sciences, Commerce and Management discipline from Universities, Colleges, NITs, IITs, Engineering Colleges and other Institutions of Higher Education.

Programme Schedule:

Dates: 16th September to 21st September 2019

Venue: Conference Hall, Building No.1, Department of Information Technology, Vishwakarma Institute Of Technology, Pune

Day and Date	Course Contents
Day 1: Monday, 16/09/2019	Introduction and Computer Security- I
Day 2: Tuesday, 17/09/2019:	Computer Security – I
Day 3: Wednesday, 18/09/2019	Network Security I
Day 4 Thursday, 19/09/2019	Network Security II and Email Security, I
Day 5: Friday, 20/09/2019	Website Security I
Day 6: Saturday, 21/09/2019	Website Security II and Cyber Law, Mobile Security and Cloud Security

The eligible candidates will be given confirmation is available on web-portal and it will also be informed through email. All confirmed participants will have to submit a relieving letter from their institution on the first day of the training.

Registration:

Participants must register through online web-portal only. No need to send any printed documents to the Resource Centre Shivaji University, Kolhapur.

Registration Link: <http://sangnaksuraksha.com>

Registration details: Registration for participants is free of cost.

As the number of participants is limited to 40, preference will be given on First Come First Serve basis. And Certificates of course completion will be given to the participants who will attain all the session, which are compulsory.

Instructions for the Participants:

- Attendance at all sessions is mandatory.
- Working Lunch and Tea will be provided.
- Outstation participants will be provided accommodation only on advance intimation with charges applied.
- No TA /DA will be given to out station Participants.

Technical Requirements from participants:

- Participants should carry their own laptop as well as debit cards, credit cards, payment wallets, net banking, UPI, mobile banking, paypal, aadhar, PAN card with them for sample demos.
- Participants should carry Smartphone either android / ios with them.
- Participant should focus on smartphone apps like Truecaller, PayTM, PhonePe, Google Pay, PayZApp, Authenticator, Facebook, WhatsApp, Instagram.

Important Note:

This FDP under PMMMNMTT is applicable for CAS promotions as per UGC gazette.

Organising Committee

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