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

Faculty Development Programme in Cyber Security

For

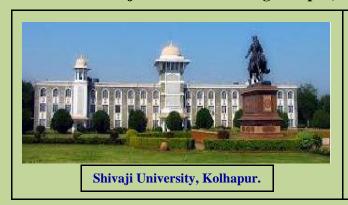Faculty in Universities, Colleges and Institutes of Higher Education

(23rd September to 28th September, 2019)

Call for Registration and Participation

Venue: Department of Computer Engineering

MVP Samaj's KBT College of Engineering, Nashik

Udoji Maratha Boarding Campus, Gangapur Road, Nashik-422013

Shivaji University, Kolhapur.

MVPS's KBT College of Engineering, Nashik

Jointly Organized by

Shivaji University, Kolhapur

&

Department of Computer Engineering
MVP Samaj's KBT College of Engineering, Nashik

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 MVPS's KBT College of Engineering, Nashik

Maratha Vidya Prasarak Samaj is the pioneering organization established in 1914 helping common masses to acquire education in all the fields. There are around 488 schools & colleges all over Nashik District in Maharashtra.

The MVP Samaj's KBT College of Engineering was established in 1999 having 7.5 acres areas in the heart of the Nashik city. The College is approved by AICTE New Delhi, affiliated to Savitribai Phule Pune University. The College is accredited with 'A' grade by NAAC. KBT College of Engineering aims to educate and train common masses through undergraduate, post graduate by inculcating the values for discipline,

quality, transparency and foster career and professional development for employment thereby contributing to the development of society.

Department of Computer Engineering was established in 1999. The Vision of the Department is to be the Centre for excellence for training the world-class engineers to work with multidisciplinary domain based on the state-of the-art of technology enabled academic system blended with industrial and business practices. Department has fully equipped labs with 100 Mbps leased line. All labs have latest powerful systems, blade servers, workstations, printers, scanners, etc. connected with Wi-Fi. Software's for database management, computer graphics, low level programming, networking, internet applications and big data Hadoop, machine learning etc. are used for developing customized applications.

About FDC Centre in Cyber Security and Data Sciences:

National Resource Centre in Cyber Security and Data Sciences 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 (PMMMNMTT)' 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.

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 about 50 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, IIITs, Engineering Colleges and other Institutions of Higher Education.

Programme Schedule:

Dates: *23rd September to 28th September, 2019*
Venue: *Department of Computer Engineering, MVPS's KBT College of Engineering, Nashik*

Day and Date		Course Contents
Day 1: Monday	23/09/2019	Introduction and Computer Security- I
Day 2: Tuesday	24/09/2019	Computer Security – I
Day 3: Wednesday	25/09/2019	Network Security I and Email Security
Day 4: Thursday	26/09/2019	Network Security II and Email Security-I
Day 5: Friday	27/09/2019	Website Security and Cyber Law
Day 6: Saturday	28/09/2019	Mobile Security and Cloud Security

The eligible candidates will be given confirmation 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 and participation is free of cost.

As the number of participants is limited to 30, 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.

Hard copy of the registration form duly forwarded through the Head of the Institute should be submitted to the Co-coordinator on the first day of the programme.

Instructions for the Participants:

- ➢ Attendance at all sessions is mandatory.
- ➢ Working Lunch and Tea will be provided.
- ➢ 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, Authenicator, Facebook, WhatsApp, lnstagram.

<u>**Important Note:**</u>
This FDP under PMMMNMTT is applicable for CAS promotions as per UGC gazette.

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