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

(16th December to 21st December, 2019)

Call for Registration and Participation

Venue: SKN Sinhgad College of Engineering,

Korti, Pandharpur

Shivaji University, Kolhapur.

SKN Sinhgad College of Engineering, Korti, Pandharpur

Jointly Organized by
Shivaji University, Kolhapur
And
SKN Sinhgad College of Engineering, Korti, Pandharpur

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 SKN Sinhgad College of Engineering, Pandharpur

SKN Sinhgad College of Engineering is housed in beautiful campus of 20 acres and developed under dynamic leadership of Hon'ble Prof. M. N. Navale. The Institute offers five B. Tech., four M. Tech. and two Ph. D. degree courses in Engineering and Technology under Punyashlok Ahilyadevi Holkar Solapur University, Solapur. It also offers five various courses under PMKVY. Since its establishment, the institute has made considerable progress in the field of Engineering education and research. As a result of this, the institute is accredited with 'A' grade by NAAC. The institute ensures the overall development of students through well-defined teaching learning process and skill based activities. Students will have an exposure for experiential learning through value based Education and on campus projects. The team of faculty members of SKNSCOE are committed to prepare our students as tomorrow's leaders to match the need of fast changing world under the

guidance of Dr. Kailash J. Karande, Principal, SKNSCOE. All the laboratories of each department have modern and state-of-art equipment's with all required hardware's and software's. The fully fledged library with all required reference books, Journals and periodicals.

To understand academic progress and individual problems, a scheme of Local Guardian Teacher for every 20 students exist in each department and this initiative helps for shaping our students as good human beings.

The campus of SKNSCOE is fully residential with excellent infrastructure and facilities. The institute has well equipped hostel facilities, computer centre, hygienic mess and canteen, dispensary, ATM, Gymnasium, etc. within the campus.

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: 16th *December to 21st December 2019*
Venue: *SKN Sinhgad College of Engineering, Korti, Pandharpur*

Day and Date		Course Contents
Day 1: Monday	16/12/2019	Introduction and Computer Security- I
Day 2: Tuesday,	17/12/2019	Computer Security – I,
Day 3: Wednesday,	18/12/2019	Network Security I and Email Security
Day 4: Thursday,	19/12/2019	Network Security II and Email Security-I
Day 5: Friday,	20/12/2019	Website Security and Cyber Law,
Day 6: Saturday,	21/12/2019	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 Center 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.

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 True caller, PayTM, PhonePe, Google Pay, PayZApp, Authenticator, Facebook, WhatsApp, Instagram.

Important Note:

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

Organizing Committee

Chief Patrons

Hon. Prof. M. N. Navale
President, STES and SPSPM

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Secretary, STES

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