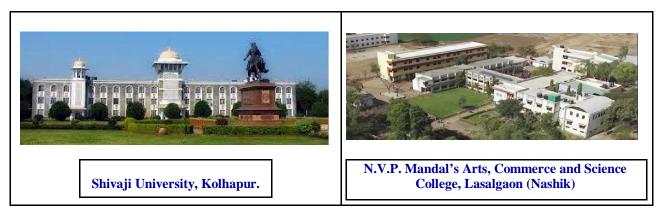# Pandit Madan Mohan Malaviya National Mission on Teachers and Teaching (PMMMNMTT)

Faculty Development Programme in Cyber Security

For

Faculty in Universities, Colleges and Institutes of
Higher Education

(26thSeptember to 1st October, 2019)

Call for Registration and Participation

Venue: N.V.P.Mandal's Arts, Commerce and Science College, Lasalgaon (Nashik)

Shivaji University, Kolhapur.

N.V.P. Mandal's Arts, Commerce and Science College, Lasalgaon (Nashik)

Jointly Organized by
Shivaji University, Kolhapur
And

N.V.P.Mandal''sArts, Commerce and Science College, Lasalgaon (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 N.V.P. Mandal's Arts, Commerce and Science College, Lasalgaon

Since June 1967 our college has been imparting quality education in Lasalgaon, located in rural area having population of around 17,360. The college has three faculties i.e. Arts, Commerce and Science at undergraduate level. The professional degree course B.B.A. in Computer Application runs under the Commerce faculty. The professional degree course in Computer Science is run under the Science faculty.

The management of the college has taken various initiatives to develop infrastructural facilities in the last five years such as renovation of examination centre, IQAC office, Cafeteria, extension of annex building, four laboratories, covered vehicle parking for staff, girls and boys, R. O. drinking water stations, internet access to students and the teachers, sanitary blocks, sports ground, audio-video equipments, open auditorium with separate changing rooms for boys and girls etc. To safeguard the college our campus is under 72 CCTV cameras surveillance. In recent past the college has started harnessing non conventional energy with solar photovoltaic ongrid system. We have constructed a new recreation centre for girl students with sanitary napkin vending machine, incinerator facility, courtyard, staff room for lady teacher and sufficient number of sanitary blocks. At present the college has started the professional level swimming pool to shape students with multifaceted personality.

The college is situated on 32 acres of spacious land with nine Building. The college has separate building of girl's hostel with 35 intake capacity and a solar water heater system.

The college is affiliated to the Savitribai Phule Pune University, Pune. The college was assessed and accredited for its third cycle by the NAAC in November 2017 and was awarded 'A' grade with 3.30 CGPA.

Considering the dehumanising factors of today's world, transforming human beings into machine, our college gives emphasis on inculcating universal human values in students by conducting common assembly for prayer and National Anthem every day. Our college is unique in having 100% value educated staff, as we have organized the workshop for teaching and non teaching staff on 'Education in Universal Human Values' in collaboration with Bahai's Academy Panchgani. Moreover, we have made MoU with Bahai Academy to inculcate these Universal Human Values in our students.

We are proud for receiving various awards such as, S.P.P.U.Pune's Best college,Maharashtra Governments Vanashri First Prize, District Level First prize of Rs.100000/- in the programme *'Jaagar Jaaniwancha,* District Level Second prize for *'Rasta Suraksha Abhiyan'* (Road Safety Campaign), State Level Appreciation Certificate Award for NSS Programme Officer by Govt. of Maharashtra. At the same time, our college annual *'Nakshatra'* has received University awards consecutively for five years. Our college was assessed and certified with ISO Integrated Management System (IMS). Under this we have acquired EMS (Environment Management System) with ISO 14001:2004 Certification and QMS (Quality Management System) with ISO 9001:2008. Our college is one of the very few colleges in India to receive EMS.

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 securityexperts 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: 26th*September to 1st October 2019*

Venue: ***N.V.P.Mandal's Arts, Commerce and Science College, LasalgaonDist. Nashik***

Day and Date		Course Contents
Day 1: Thursday	26/09/2019	Introduction and Computer Security- I
Day 2: Friday,	27/09/2019	Computer Security – I,
Day 3: Saturday,	28/09/2019	Network Security I and Email Security
Day 4: Sunday,	29/09/2019	Network Security II and Email Security-I
Day 5: Monday,	30/09/2019	Website Security and Cyber Law,
Day 6: Tuesday,	01/10/2019	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 CenterShivaji University, Kolhapur.

Registration Link: http://sangnaksuraksha.com/

Registration details:

Registration and participation 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.

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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, Authenicator, Facebook, WhatsApp, lnstagram.

Important Note:

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

Organizing Committee
Chief Patrons

Hon. Shri. Sanjay C. Holkar
President, N.V.P. Mandal,Lasalgaon

Hon. Shri.Govindraoji Holkar
Secretary, N.V.P. Mandal,Lasalgaon

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Vice Chancellor,Shivaji University, Kolhapur

Hon.Dr.DineshNaik
Principal, N.V.P. Mandal,Arts,Commerce and Science College,Lasalgaon

Hon. Prof. Dr. D. T. Shirke
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Head, Department of Computer Science,
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Co-Investigator
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