1. Title of the Practice: CYBER SECURITY AWARENESS PROGRAMS FOR A SECURE DIGITAL WORLD

2. Objectives of the Practice:

1. To make students aware about cyber-crimes.
2. To trigger young minds towards day to day challenges faced in communication technology.
3. To aware students about fake accounts, use of personal information on social media sites.
4. To give information about types of offences in case of cyber-crime and various aspects of cyber law

3. The context:

Cyber security has gained major importance; it is no longer a choice but a need. With India being among the top 10 countries facing cyber-attacks, the need for cyber security awareness has become even more critical. Data has become the new oil in the contemporary digitalised world, and the protection of data has become even more critical. To make the system robust and to avoid intruders filtering in, the youth must be educated on Cyber security.

The digital world offers tremendous benefits to all of us. It provides platforms that allow us to connect and collaborate. It opens up opportunities to learn about new and important issues, and it empowers innovation in ways that were unimaginable just a few years ago. Majority of the activities including financial are done digitally. People must know the threats for which this symposium was organized by Suryadatta College of Management Information Research & Technology, Pune.

4. The practice

National Symposium on Cyber Intelligence for a Secure Digital World was organized by Suryadatta College of Management Institute Research and Technology, Pune. Program was held on Wednesday, 11 September 2019 in Bansi Ratna Auditorium of SGI. Renowned resource persons from Police EOW & Cyber Crime as well as cybercrime investigators, cybercrime lawyers and cyber investigators were invited on this occasion.

Details of sessions are as follows-

Mr. Sambhaji Kadam, Deputy Chief Commissioner of Police EOW & Cyber Crime said there is a threat of cybercrime while using various social networking sites like Twitter, Facebook, What's App etc. as well as shopping websites like OLX, Amazon OTP and password should be kept confidential. One should be very careful while communicating with the stranger online and should not disclose personal information to others.

Shri Jayram Paigude, Sr. Police Inspector, Cyber Police Station, Pune Police said total 5,000 crimes have been registered. One should be careful of fake accounts, uploading selfies and personal information on social media sites, writing bad words to others on the social media site.

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He advised not to entertain unknown calls. He explained how Cosmos Bank Robbery and the investigation for the same were carried out.

Mr. Sandeep Gadia, Cyber Crime Investigator explained the impact of negative and positive use of mobile. He said you are always under the vigilance of Google wherever you go; Google tracks your location anytime, anywhere. He explained the use of mobile in German Bakery Bomb Blast. He also explained the punishment given in different cybercrimes like using somebody else's mobile; changing the SMS which has come from somebody else's mobile. He explained about phishing, SMS spoofing, juice jacking and denial of service attacks. He gave safety tips for the mobile.

Adv. Rajas Pingale, International Cyber Law Expert & Cyber Crime Lawyer said sensitive information should not be disclosed to anyone. He explained types of offences in case of cybercrime. He also explained what is meant by online agreement. He said online agreement is also a valid agreement even if it is sent by mail. He explained what is meant by cyber stocking, hacking and unauthorized access.

Dr. Harold D'Costa, President, Cyber Security Corporation & CEO Intelligent Quotient Security Systems explained the care to be taken while using social media apps like Facebook, What's App etc. One should be careful about the server location & the jurisdiction. If the location of the server is outside India then it becomes difficult to find the details of the cybercrime. One should check the security of the website by checking its certificate and the protocol https. He also explained how to tackle the situation of hacking of the bank account.

Adv. Prashant Mali, International Cyber Law & Privacy Law Expert explained the threats while copying and downloading apps like movie apps which can hack your mobile. He explained problems with the Google Alerts and the apps like Big Torrent Software, True caller app. All of these apps can upload your personal information.

Air Marshal Bhushan Gokhale explained about cybercrime on the borders and space frontiers. He explained the revolution in military affairs. Role of mobile in satellite communication and the cybercrime related to it. Lieutenant General P.V. Shekatkar said the new generation is becoming mobile savvy and this addiction is misleading them. Use of mobile to the large extent should be stopped to secure the future of India.
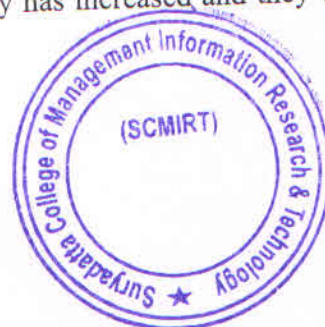
5.   **Problem encountered:**

The content being discussed under the symposium being vast, time devoted towards it seemed small. So more such targeted programs in this field are been planned for staff and students, in the upcoming terms.

Resources required: Cyber security expert team of Professionals, seminar hall.

6.   **Evidences of Success:**
- Students have attended the symposium and have given positive feedback after completion successfully

- Students' awareness for cyber security has increased and they carefully work on various digital platforms.

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1. Title of the Practice: Effective functioning of Innovation & Incubation Cell

2. Objectives of the Practice:
- To nurture the culture of innovation at campus.
- To create a startup ecosystem at campus.
- To encourage solving real problems
- Helping ideas to translate into reality and upgrade them to the level of commercial value.
- To inculcate entrepreneurship attitude and inclination in students.
- To promote various Government initiatives like Make in India, Atma Nirbhar Bharat,etc.

3. The context: SCMIRT –SPPU-Centre for Innovation Incubation and Linkages (CIIL) is catalyzing the entrepreneurship ecosystem in the college through its various interventions and initiatives. CIIL was set-up in March 2018-19 in association with SPPU.

4. The Practice:
SCMIRT-SPPU- CIIL includes facilitating the following inter-related domains:
- **INNOVATION**: Support innovative solutions to solve societal problems, Creation and Protection of Intellectual Property Rights.
- **INCUBATION**: Support student Business Plans and Start -Up activities.
- **ENTREPRENEURSHIP**: Technology Transfer and Commercialization, Foster collaboration with Alumni and Industry for entrepreneurial activities.

Incubation Centre enables most of what may be required by entrepreneurs through incubation, mentoring, training, knowledge dissemination and best practice research. Through all these interventions, College CIIL helps entrepreneurs turn ideas into viable businesses.
In order to create a successful startup, student teams are required to address various issues in startup creation: market research, competitor analysis, customer development, technology viability, product development, marketing & sales strategy, team formation, legal compliance and fund raising.
Each team is assigned an experienced Industry and Start-Up expert faculty as a mentor who guides them through the semester and beyond. The teams compete with each other and the top teams are felicitated and motivated to pursue the business idea for incubation eventually to launch the business. SCMIRT Centre for Innovation organizes AIMA Biz lab sessions for the student teams to get the real-world business operations. Students along with Faculty members attended an event organized by The YI group- A group under the aegis of the confederation of Indian Industries (CII), in Navi Mumbai on 10 Feb 2020.In this workshop many young and established entrepreneurs addressed the students & encouraged them to to hone their entrepreneurial skills.

5. Problems encountered:
- The students are more academically inclined and so feel that venturing into startup would affect their studies & academic performance.

6. Evidence of success:

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1. Cup Bean Model:Mihir Ganeshwade & Team

Mihir Ganeshwade studying in Second Year B.Com. He explored an innovative product   Cup Bean for hygienic ways to disposable used cups with his 10 team members .The creation has been registered for the Patent and it is in the process. SCMIRT Faculty Mentors valuable guidance made his start – invention developed into a marketable product.

2. Yadnesh Abhyankar BSc SY (2019-22 Batch): 3D printer by assembling parts

He has designed a 3D printer by assembling parts during the lockdown. The backend support software he uses is the Designing software-CAD

3.Sakshi Battuwar : Keshav Oils

Sakshi has innovated the herbal Keshav oil with the mixture of various useful and magic herbs and launched the product in the market as well .Sakshi has expressed her gratitude towards the College and faculty mentors for the support

4. Gayatri Mahajan BBA IB (2018-21batch): Maitri T-Shirt Printing

She prints the T-Shirts as per the demand and requirement given by the consumers through her own brand 'Maitri'

5. Kareena Manekar BBA IB (2019-22 Batch):

Our student Kareena is making her own ideas convert into beautiful jewelry through her own brand "Jewelk".her efforts in marketing and communication skills at this age made her the young innovator. College awarded her with the appreciation certificate for her achievement

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