

BEST Practice-I (2020-2021)

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

Accelerating Digitalization: Cyber Security

A. Objectives of the Practice:

1. To make students aware about Ethical Hacking
2. To make students aware about various cyber-crimes.
3. To trigger young minds towards the precautions to be taken in this digital world.
4. To aware students about Hacking & Cracking and various important concepts related to that.
5. To give information about types of offences in case of cyber-crime and various aspects of cyber law.

B. The context:

In the world of digitalization, where the internet has brought people across the globe closer, it has also caused many issues in terms of online crime and theft. Multiple options and tools are coming up that disrupt the privacy of the person. The best way to deal with it is to understand how it works and actually works accordingly to that mind map itself. Ethical hacking is one such field that has got a reputation and a great scope in terms of career.

Over the years, technology has been paving new paths for the development of organizations all over the world. Information is one of the critical assets of any organization. It is very essential to manage and protect this valuable information from falling into the hands of Hackers. Hacking always revolves around information

To save themselves from these kinds of severe attacks, companies are looking for candidates with excellent ethical hacking skills, and the opportunities for these people are going to be vast and evergreen. The demand for ethical hackers has been growing over the years due to rising the number of data hacks and information leaks of companies.

To make the system robust and to avoid intruders filtering in, the youth must be educated on Cyber security. By keeping this in mind 13 days virtual lecture series was organized by Suryadatta College of Management Information Research & Technology, Pune.



C. The practice:

The virtual lecture series was organized by Suryadatta College of Management Institute Research and Technology, Pune from 27th October 2020 till 10th November 2020. The session was conducted by Adv. H B Keshava, Managing Attorney Baskaran & Associates,Pune. were invited on this occasion.

Details of sessions are as follows-

Adv. Keshva started his session by giving brief idea about the history of Hacking and continued the session of Hacking & Cracking strategies with the help of live cases.

He also explained the various vulnerabilities in our day to day usage of our various electronic devices and the innumerable applications that we use. He covered various topics like Types of Hackers, Technologies used in Hacking, various terminologies used in hacking, Skills in Ethical Hacking, various processes involved in Ethical Hacking, explanation of Virus – Types and what harm they do, concept of Bugs, Threats and Social Engineering.

He further explained the various attacks in Hacking like Keylogger, Denial of Service, Waterhole attack, Eavesdropping, Phishing, Virus, Trojan, Malware etc. Adv Keshava picked up some important Hacking cases from abroad and India, to bring about the enormous scrutiny and sensitive monitoring required in order to avoid such fraudulent cases happening in future. He also emphasised the importance of training on the part of students to become expert professionals in this field and help secure systems, for self, organisations they will work with, society in general and nation in particular.

The session concluded with the students presentations based on various topics and cases covered in the sessions.

D. Problem encountered:

The content being discussed under the session 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 and systems.



E. Evidences of Success:

- Students' awareness for cyber security has increased and they carefully work on various digital platforms. Even students become aware of what kind of precautions need to be taken in this digital world.
- Students successfully gave presentations organized at the end of session based on various cases of Hacking.



BEST PRACTICE-II (2020-2021)

1. Title of the Practice: Stat up fest Innovation& Incubation Cell

A. Objectives of the Practice:

- To nurture the culture of innovation at campus.
- To nurture the entrepreneurship culture among students and exemplify the power of innovation.
- 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.

B. **The context:** SCMIRT –SPPU-Centre for Innovation Incubation and Linkages (CIIL) organized a ‘Suryadatta Start-up Fest’ on 21st June 2021. The objective of the Start-up Fest was to nurture the entrepreneurship culture among students and exemplify the power of innovation.

C. The Practice:

SCMIRT-SPPU- CIILSuryadatta Group of Institutes recently organized a ‘Suryadatta Start-up Fest’ on 21st June 2021. The objective of the Start-up Fest was to nurture the entrepreneurship culture among students and exemplify the power of innovation.

The highlight of this event was gathering of start-up founders/budding entrepreneurs, eminent jury, experts and mentors under one roof and students from innumerable sectors participated, including manufacturing, furnishing, construction, body art, food processing, e-commerce, hospitality/waste management, food processing, Pharmaceuticals, retail jewellery, production, printing, home décor, architecture, and fashion designing.

The Fest received a huge response. Students actively showcased their brilliant entrepreneurial ideas and their products. The eminent jury, guest and mentors guided the participants and gave fruitful inputs on how to expand their start-up business.

The event saw the presence of eminent jury, guest and mentors including

- Dr. Sanjay Chordiya, Founder President and Chairman, Suryadatta Education Foundation
- Dr.ApoorvaPalkar, Director, Innovation Incubation, Linkages
- Dr. Deepak Shikarpur, Member, IT Board AICTE Former Chairman, Fellow CSI Advisor & RPI
- Mrs. SushamaChordiya, Vice President, Suryadatta Education Foundation
- Dr.SwaroopMulchandani, Managing Director, SAR Distribution House Pvt. Ltd.

- Mr. Ali Reza Dehqanpour, Executive Director, RAM Ratna Infrastructure, Pvt. Ltd.
- Prof. Dr. Shailesh Kasande, CEO and Group Director, Suryadatta Group of Institutes
- Mr. Deepak Toshniwal, International Ambassador, IBD QATAR
- Mr. Siddhant Chordiya, Executive Development Officer, Suryadatta Group of Institutes

Dr. Sanjay Chordiya, Founder President and Chairman, Suryadatta Education Foundation, said that entrepreneurship and ideas are everywhere, but converting those ideas into a project or startup is the real challenge. Developing at least minimum 5-10 entrepreneurs every year from the respective programs we have at Suryadatta, is the aim.

Speaking on the occasion Mr. Deepak Toshniwal, applauded the participants. He guided the students saying that always try to develop a product which will be some use to the society. He threw a light on patent point and encouraged students to do so and promised more guidance in future.

Mr. Ali Reza Dehqanpour, said that startups play a vital role for any entrepreneur. The initial stage is difficult to handle, but if you have good mentors, guidelines, and good friends to support you for your growth that will help you flourish. He concluded by saying that life goes on, just trust the process.

Dr. Deepak Shikarpur said that all the students have immense potential but it has to be converted into reality. In the 21st century you will have pleasure to do so as the world has changed. Due to pandemic, along with disaster, many ideas and opportunities have also come up in virtualization, pharma, health care. He further congratulated and wished the students luck for their venture.

Dr. Apoorva Palkar said that some of the participants have come up with beautiful minimum viable products and have the potential to really grow. In times to come, there are two things which are going to be important from an academic perspective, one currency for future is going to be innovation and second currency is going to be education. Platform of this nature that the Suryadatta Group of Institutes has provided to you is something that everyone craves to have. She concluded by wishing the students luck.

Dr. Swaroop Mulchandani said that there is a lot of spirit of innovation and entrepreneurship among the participants. All the participants require an individual mentor because if they want to succeed, they got to have big plans. He suggested all the participants to expand their views, scale up to convert their ideas into business.



D. Problems encountered:

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

E. Evidence of success:

The Startups were assessed on criteria such as Value Proposition /Benefits, Monetization & Business Model, Financials (Cash Flow, Break Even etc.), Presentation / Interaction, and Competition Analysis by the Jury. The competition was very close and it was difficult to pick the winners. Finally after much deliberation and discussion, 3 winners were chosen.

The 'Eleven Design- Cup Bin' concept from the Hospitality/ Waste management sector by MihirGaneshwade and team bagged the first prize. They were presented with a trophy, memento, certificate and a cash prize of Rs. 11,000/-

The first runner up prize with a trophy, memento, certificate and a cash prize of Rs. 7,000/- was presented to SatishZende, 'Tanvi Dreams' (Manufacturing/ Furnishing) and the second runner up was awarded with a trophy, memento, certificate and a cash prize of Rs. 5,000/- to MayurAtkari, - ThirdBite (FMCG Food processing).

All the other participants were provided with certificate and a cash prize of Rs. 1,000/- per team.


Principal, SCMIRT