# 7.1.9 - Sensitization of students and employees of the Institution to the constitutional obligations: values, rights, duties and responsibilities of citizens

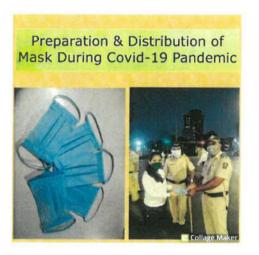
- When the city of Mumbai was battling with COVID -19 pandemic, staff and students in many departments came to the fore to provide their services. They supplied food kits and ration to needy families for six to seven months. One of the staff organized and conducted COVID-19 screening tests for people in Sion area. Some of the staff donated blood at the BMC blood bank. Many staff members helped needy people in their area with COVID-19 kits which contained sanitizers, masks, grocery items, etc. and by paying tuition fees of needy students. As Covid warriors, students voluntarily distributed food kits to factory workers, participated in mass screening programmes, drew social distancing circles in front of essential goods shop, etc. 32 cadets participated in an inter-company poster and video making competitions organized online by NCC on 22/04/2021 to spread awareness about COVID-19. Attractive and meaningful messages and videos were posted on their social media account.
- Cadets participated in International Day against drug abuse and illicit trafficking on 26/06/2020.
   Posters were designed to create awareness on treacherous effects of drug abuse and illicit trafficking in a Poster competition.
- 26 cadets participated in a Poster competition conducted on 10/12/2020 on Human rights.
- Cadets participated in blood donation activity organized by Kirti college along with K. E. M. hospital and Jagjivan Ram hospital, Parel at Dadar railway station on 11/02/2021.
- Joy of giving activities was carried out near Dadar station area on 02/03/2021. 10 Cadets distributed food to poor people following covid protocols.
- In their pursuit of environmental conservation in an innovative manner, Cadets prepared and distributed seedballs to be planted besides sapling plantation on 06/06/2020 at different locations in Mumbai.
- Lectures on preservation of mangroves and importance of coral reefs were organized online on 03/02/2021 and 11/03/2021 respectively to spread awareness of nature's gifts to mankind and the need for their conservation.
- An attempt has been made to create a butterfly garden in the campus.
- A beach cleaning involving Kirti College NCC Cadets in collaboration with Siddharth College was organised at Girgaon Chowpatty on 14<sup>th</sup> December, 2020.
- An awareness webinar was organised for students on 04/11/2020 to foster digital empowerment, a safe cyber experience and ensure mental well-being in cyber space.
- An informative lecture on "The Sexual Harassment Of Women (Prevention, Prohibition And Redressal) Act, 2013" on 04/11/2020 addressed the role of Internal Complaints Committee (ICC) in implementation of the policies relating to the prevention of sexual harassment, and its redressal at the work place. The lecture also discussed provisions of the POSH Act 2013.
- An online workshop "Building Digital Guardians", was conducted on 06/11/2020 for parents to train them in safe guarding their child online by equipping them as proactive digital guardians.
- An online workshop on IPR was organised on 03/04/2021
- ✓ to motivate and inculcate the culture of creativity and innovations in academics and research scholars
  with respect to provisions of IPR
- ✓ to provide insights on the patent regime in India and the filling procedures for patents and copyrights
- ✓ to disseminate information about copyrights framework of protective rights of the creator and the
  purview of what can be copyrighted
- ✓ to suggest pathways to build a culture of research, innovation and industry-academia collaborations towards intellectual property
- Syllabi of CS IT students include topics related to Intellectual Property Rights, Cyber Laws and Cyber Forensics and various standards in interest of National Security and Integrity along with IT Industry



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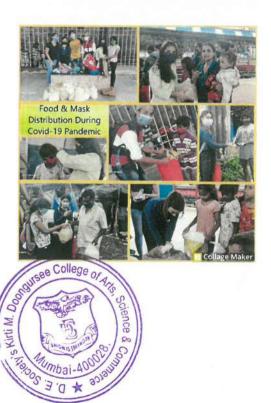
## COVID-19 Service



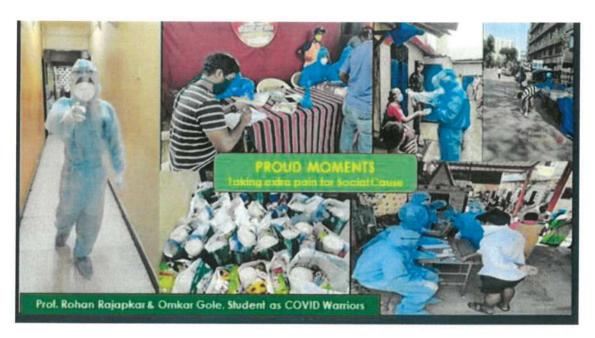












Students and teachers worked as Covid Warriors....



Staff & Students of Department of BAF along with The Principal Kirti College contributed & distributed masks and sanitisers to the front line workers and the poor people around on 17th May, 2020.

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## **PLOG RUNNING**

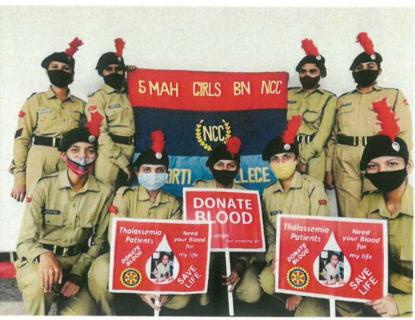






## **BLOOD DONATION**





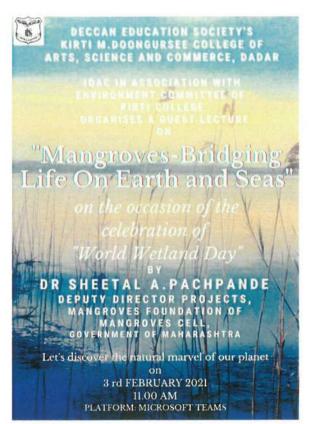


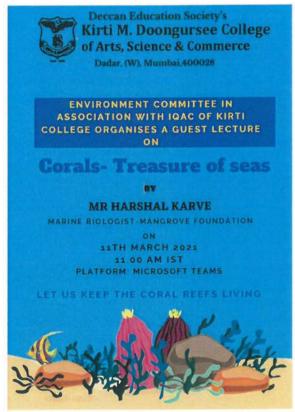
#### JOY OF GIVING



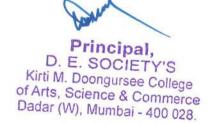


#### **ENVIRONMENT COMMITTEE PROGRAMMES**









#### **BUTTERFLY GARDEN**





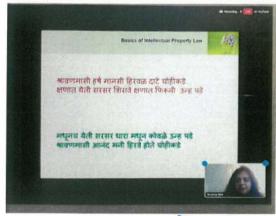
#### **IPR WEBINAR**

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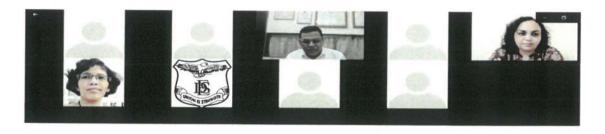


















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# CS SYLLABUS SHOWING CYBER FORENSCIS AND ETHICAL HACKING

Textbook	(1)	
15 M	astering Cloud Computing, Rajkumar Buyya, Christian Vecchiola, S Thamarai Selvi	. Tata
M	Graw Hill Education Private Limited. 2013	
2) Oy	enStack in Action, V. K. CODY BUMGARDNER, Manning Publications Co. 2016	5
Additions	d Reference(s):	
1) Op	enStack Essentials, Dan Radez, PACKT Publishing, 2015	
2) O <sub>5</sub>	enStack Operations Guide, Tom Fifield, Disne Fleming, Anne Gentle, Lonn Hochs	tem.
	asthan Proulx, Everett Toews, and Joe Toppian, O'Reilly Media, Inc. 2014	
3) hm	pt://www.openstack.org	
Course	TOPICS (Credits :03 Lectures/Week:03)	
USCS603	Cyber Forentics	
suditing :		
information Expected The stude	and investigation of network and host system intrusions, analysis and documents to gathered  Learning Outcomes  at will be able to plan and prepare for all stages of an investigation - detection and management interaction, investigate various media to collect evidence, report the	initia
information Expected The studentesponse a	on gathered  Learning Outcomes  at will be able to plan and prepare for all stages of an investigation - detection and management interaction, investigate various media to collect evidence, report the ould be acceptable in the court of law.	initia
information Expected The studentesponse a	on gathered  Learning Outcomes  at will be able to plan and prepare for all stages of an investigation - detection  and management interaction, investigate various media to collect evidence, report the	initia

	concerns. Black box vs. White box vs. Black box. Vulnerability assessment and	
	Penetration Testing	
	Approach : Planning - Threat Modeling, set up security venification standards.	
	Set up security testing plan - When which systems apps, understanding	
	functionality, black gray white, authenticated vs unauthenticated internal vs. external PT. Information gathering, Perform Manual and automated (Tools:	
	Weblinspect Qualys, Nessus, Proxies, Metasplost) VA and PT. How	
	Weblinspect Qualys tools work: Crawling Spidering, requests forging, pattern matching to known vulnerability database and Analyzing results. Preparing report, Fixing security gaps following the report	
	Enterprise strategy Repeated PT, approval by security testing team.	
	Continuous Application Security Testing.	
	Phases: Reconnaissance foot-printing Enumeration, Phases Scanning, Sniffing	
	Ethical Hacking :Enterprise Security	-
	Phases: Gaining and Maintaining Access: Systems hacking - Windows and	
	Linux - Metasploit and Kali Linux, Keylogging, Buffer Overflows, Privilege	
	Escalation, Network hacking - ARP Poisoning, Password Cracking, WEP	
Unir III	Vulnerabilities, MAC Spoofing, MAC Flooding, IPSpoofing, SYN Flooding.	
	Smurf attack Applications backing SMTP/Email-based attacks VOIP	
	vulnerabilities, Directory traversal. Input Manipulation. Brute force attack. Unsecured login mechanisms. SQL injection, XSS. Mobile appr security, Mahware analysis: Netcet Trojan, wrapping definition, reverse engineering	
	Phases: Covering your tracks: Steganography, Event Logs alteration	
	Additional Security Mechanisms IDS IPS Honeypots and evasion	
	techniques. Secure Code Reviews (Fortify tool, OWASP Secure Coding	
	Guidelines)	
Textbook(	W 1	
	ified Ethical Hacker Study Guide v9, Sean-Philip Oriyano, Sybex, Study Guide iou.2016	
2) CEF	Hofficial Certified Ethical Hacking Review Guide, Wiley India Edition, 2007	

#### KARGIL VIJAY DIVAS





Deccan Education Society's

Kirti M. Doongursee College

NCC Department & IQAC Organises

A National Webinar on

' Kargil Victory - An Inspiration for Indian Youth'

Speaker: Maj Gen Shishir Mahajan. SM,VSM (Retd)

Date: 26th July 2020 Time: 11.00 am Registration Link and joining link will be forwarded shortly. No Registration Fee

