



Since 1962

# Vivekanand Education Society's Institute of Technology

(Affiliated to University of Mumbai, Approved by AICTE & Recognised by Govt. of Maharashtra)

**Dr. (Mrs.) J. M. Nair**

M. Tech., Ph.D. (IIT-B)  
Principal

Ref. No.: VESIT/ JMN/1325/2023-24

Date: 26/10/2023

## TO WHOM SO IT MAY CONCERN

I, Dr. (Mrs.) Jayalekshmi M Nair, Principal (HOI), Vivekanand Education Society's Institute of Technology, do hereby state that the documents uploaded on NAAC portal are duly signed by Principal (HOI).

The additional documents uploaded on Institute's website (<https://vesit.ves.ac.in/>) are also authentic and does not need any extra validation.

**Dr. (Mrs) Jayalekshmi M Nair**  
**Principal**

Vivekanand Education Society's Institute of Technology  
Hashu Advani Memorial Complex,  
Collector's Colony  
Chembur, Mumbai, Maharashtra 400074





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## Best Practice 6 -Skill Enhancement Lectures (SEL) Reports 2021-22

All round development, a desire to expand one's horizons, and a commitment to excellence is inculcated in the students of VESIT in a disciplined environment ensuring a strong foundation. To achieve this institute arranges expert lectures Skill Enhancement Lectures (SEL) from industry/ institute.

Skill Enhancement Lectures (SEL) are arranged by the Subject Teachers for their respective subject during the Semester. Each Subject Teacher must arrange at least two such sessions (i.e, Lectures, Workshops etc...) per Semester that pertains to Content Beyond Syllabus. Each individual Faculty initiates the process of inviting Experts from Industry / renowned Institutes like BARC, TIFR, IIT, CDAC etc.

After each such session, the Subject Teacher fully documents the event and evaluates the Student Feedback.

### Department of Information Technology

Sr. No.	Name of the Skill Enhancement Initiative	Year of Implementation	Number of students Enrolled	Name of the Agencies Involved with Contact details
1	SEL on Evolutionary Algorithms(Genetic Algorithms)	2021-22	50	Dr.(Mrs). Ujwala Bharambe, Assistant Professor, TSEC
2	Expert talk on "IPR and Patenting" and "How to file Copyright"	2021-22	98	1. Dr Vikram Patil from Annasaheb Dange College of Engineering and Technology, Ashta,2.Dr Kranti Ghag from Shah and Anchor Kutchhi Engineering College.,3. Mrs Dhanashree Toradmalle from Shah and Anchor Kutchhi Engineering



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				College.
3	SEL on Computer Network Security	2021-22	166	Mr. Kamlesh Ahuja Lead, Common Criteria certifications and FIPS 140-2, Mumbai, Maharashtra, India, working as Lead for UL India Pvt.Ltd in Cybersecurity compliance domain.
4	SEL on "The importance of the Corporate Social Responsibility and the activities undertaken by SUDLife under CSR"	2021-22	93	"Rakesh Kumar (CS), Gnana William" from Star Union Dai-Chi Life Insurance Co. Ltd., Navi Mumbai
5	SEL on "Types of Business Structures and Their Tax Implications."	2021-22	114	Maitreyi Thosar is an experienced SOX control testing Testing & Assurance Specialist with a demonstrated history of working in the Silicon Valley Bank, Bengaluru.
6	Web Application and Cyber Security	2021-22	82	Mr. Nayab Falke, Manager IT, The Clearing Corporation Of India Ltd
7	Introduction to PHP and Database connectivity with PHP	2021-22	54	Megha Shahri, Final Year

**SEL Conduction photos**



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**IPR Illustrated & Patent Creation**

Dr. Vikram S. Patil  
Director  
ADCET - Ashta

	Protects	Infringement	Registration Process	Term	Comparative Costs	
Patent	Utility Patent	Functional Aspects	Make, Use, Offer, Sale, Import	Yes	20 years upon filing	Expensive
	Design Patent	Ornamental Features	Make, Use, Offer, Sale, Import	Yes	15 years upon filing	Moderate
Trademarks	Brands	Used in commerce	Optional	Potentially indefinite, limited by use	Intermediate	
Copyrights	Works of authorship	Copying, etc.	Optional	Life Plus 70 Years	Intermediate	
Trade Secrets	Information	Misappropriation	No	Potentially indefinite, limited by secrecy	Depends	



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## Department of Computer Engineering SEL cum NPTEL Summary for the Academic Year 2021-22

### SEL (2021-22) ODD Semester

1. "Recent Trends in Computer Graphics" By Dr. B. Vaidyanathan on 02/10/2021 for Second year students for the subject "Computer Graphics"
2. "Industrial Application of Computer Network" By Mr. Gigy Joseph on 10/8/2021 for Third year students for the subject "Computer Networks"
3. "Supply Chain Management" By Mr. Kunal Kumar, Fasoos, Mumbai on 14 May 2021 for Third year students for the subject "Software Engineering"
4. "Stochastic Processes in Big Data Analytics" By Dr. Prasun Chakrabarti on 20/10/2021 for Final year students for the subject "Big Data Analytics"

### SEL (2021-22) EVEN Semester

1. "OS Architecture Operating System Applications & cloud - VM, Hypervisor, Containers - Kubernetes \* Producer-Consumer Problem & Implementation" By Mr. Mohan Pawar on 26th March 2022 for Second year students for the subject "Operating System"
2. "Technology Frontiers and High Energy Physics" by Prof. Shashikant Dugad Affiliated to TIFR, Mumbai on 8th April 2022 for Third year students for the subject "Artificial Intelligence"
3. "let us Design User Experience by Mrs. Geeta Shivram, Mr Varun Mevada " Affiliated to Interaction Designer, Ultimatrix User Experience CoE, Tata Consultancy Services for Final year students for the subject "HMI"

### NPTEL (2020-21)

1. "Graph Theory & Set Theory" by Prof. Sudarshan Iyengar, IIT Ropar for the subject of Discrete Mathematics on 12th Nov 2020
2. "Transformation in 2D" by Prof. Sukhendu Das, IIT Madras for the subject of Computer Graphics for Second Year students on 2nd Dec 2020.
3. "Concurrency Control" by Dr. Partha Das, IIT Kharagpur for the subject of



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Database Management System for Third Year Computer Students on 2nd Dec 2020

4. “Fundamentals of Blockchain” by Prof. Praveen Jaychandran, IIT Kharagpur for the subject of Cryptography and System Security for Third Year students on 10th May 2021.

5. “India wide Cross-Lingual Information Access - NLP Application IR” by Prof. Pushpak Bhattacharya, IIT Mumbai for the subject of Natural Language Processing on 12th May 2021.

6. “User Centric Computing for Human-Computer Interaction” by Prof. Samit Bhattacharya, IIT Guwahati for the subject of Human Machine Interaction on 13th May 2021.

7. “Concurrency Control” by Dr. Partha Das, IIT Kharagpur for the subject of Database Management System for Second Year Computer Students on 15th May 2021.