



Nirmala Memorial Foundation College of Commerce and Science

**Permanently Affiliated to University of Mumbai
Accredited by NAAC, ISO 9001-2015 Certified
Recognised under section 2(f) & 12(B) of the UGC Act 1956**

D.S. Road, Asha Nagar, Thakur Complex, Kandivali (East), Mumbai – 400 101. Tel.: 022 69436400

5.1 Student Support



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5.1.2

**Following capacity development and
skills enhancement activities are
organised for improving students'
capability**

**Awareness of trends in technology
programs**



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5.1.2

Index

Awareness of trends in technology

Sr. No.	Year	Name of the capacity development and skills enhancement program	Link
1	2022-23	Seminar on Cyber security and Ethical Hacking	Click Here
2		Seminar on "Data Science Concepts with Machine Learning".	Click Here
3		Seminar on Trending Technologies in IT Sectors	Click Here
4		Seminar on Robotics & Artificial Intelligence	Click Here
5		Seminar on "BI Tools (Snowflakes & Tableau) & Job Search"	Click Here
6		Seminar on Cyber Security Awareness	Click Here
7		Peer Learning Session On "Career As A Full Stack Developer & Project Guidance"	Click Here
8		Workshop on Blockchain Hacking	Click Here

Academic Year 2022-2023

SEMINAR ON CYBER SECURITY AND ETHICAL HACKING

Report

The Department of B.Sc.IT and B.Sc. CS had organised a Technical Session on “Cyber Security and Ethical Hacking” for the First Year Students of B.Sc. IT and B.Sc. CS. Co-ordinator of Dept. of B.Sc. IT and B.Sc. CS Ms. Vaishali Mishra welcomed Mr. Parshuram Vhatkar, Mr. Websecure Infosolutions Pvt Ltd and Prof. Shivkumar Chandey introduced them in front of the audience at 11.00 am. Speaker started the session by sharing basic information about cyber security and the basic terminologies associated with it. The introductory part was very informative to kick start the cyber security session. After the brief introductory part, the speaker gave live examples and demonstrated hacking practically in front of the audience. All the students took a lot of interest in such activities. Speaker discussed the SQL Injection attack also. Speaker has also shared the roadmap to make a career in the Cyber World. Knowledge shared by the speaker was good. All the students learned and enjoyed a lot. Finally, Prof. Aparna Panigrahy has proposed the formal vote of Thanks to the speaker and entire team involved in it.

Speakers: Mr. Parshuram Vhatkar, Mr. Websecure Infosolutions Pvt Ltd

Date: 15th October, 2022 (Saturday)

Time: 11:00 am - 12:30 pm

Venue: Room No. 311, 3rd Floor.

Beneficiaries: F.Y. B.Sc. IT and B.Sc. CS Learners

Coordinated By: Prof. Tanvi More and Prof. Vaishali Mishra

No. of Beneficiaries: 124

SEMINAR ON CYBER SECURITY AND ETHICAL HACKING

Photographs



SEMINAR ON DATA SCIENCE CONCEPTS WITH MACHINE LEARNING

Report/ Photographs

The Department of B.Sc.IT and B.Sc. CS had organised a Seminar on “Data Science Concepts with Machine Learning” for the Second Year and Third Year Students of B.Sc. IT and B.Sc. CS. Ms. Vaishali Mishra, Coordinator of Dept. of B.Sc. IT and B.Sc. CS welcomed the guest Ms. Babita Kachroo and Prof. Shivkumar Chandey introduced her to the audience at 10.00 am. Ms. Babita Kachroo started the session by interacting with the students by discussing the Data Science Concepts. Madam had given a wonderful seminar with a practical proven approach. Statistical and Mathematical concepts were discussed which were required in DS and ML. Information given by the speaker was amazing. Ms. Kachroo had also thrown light on the career opportunities in DS and ML.

Event details:

Speakers: Ms. Babita Kachroo (Data Science Trainer, ExcelR)

Date: 16th November, 2022 (Thursday)

Time: 10:00 am - 12:30 pm

Venue: Room No. 311, 3rd Floor.

Beneficiaries: Second- and Third-Year Learners of B.Sc. IT and B.Sc. CS

Coordinated By: Prof. Aparna Panigrahy and Prof. Shivkumar Chandey

No. of Beneficiaries: 47

SEMINAR ON DATA SCIENCE CONCEPTS WITH MACHINE LEARNING

Report/ Photographs



Seminar on Trending Technologies in IT Sectors Report

The Department of B.Sc.IT and B.Sc. CS had organised a Seminar on “Trending Technologies in IT Sectors” for the Second Year and Third Year Students of B.Sc. IT and B.Sc. CS. Mr. Yayati Jadhav, Senior Manager in NIEL SENIQ, started the session by discussing various latest and recent technologies. During his interaction he started testing the learner’s knowledge about recent trending topics in IT Sectors by asking basic questions related to Robotics, AR-VR, Big Data Analytics, Quantum Computing, 5G, IOT, Cyber Security, Blockchain, Cloud Computing and Artificial Intelligence.

Event details:

Speaker: Mr. Yayati Jadhav (Senior Manager, NIEL SENIQ)

Date: 19th November, 2022 (Saturday)

Time: 11:30 am - 12:30 pm

Venue: Room No. 311, 3rd Floor.

Beneficiaries: Second- and Third-Year Learners of B.Sc. IT and B.Sc. CS

Coordinated By: Prof. Shivkumar Chandey and Prof. Aparna Panigrahy

No. of Beneficiaries: 33

Photographs





SEMINAR-ROBOTICS & ARTIFICIAL INTELLIGENCE

Report

The Department of B.Sc.IT and B.Sc.CS had organised a Seminar on “Robotics & Artificial Intelligence” for the Second Year and Third Year Students of B.Sc. IT and B.Sc. CS. Mr. Rahul Gupta started the session by interacting with students. The speaker had brought two functional Robots such as Traffic Sign Tracking Robot and Spidey Bot, A small robot which makes moves like dance, greeting, and moving forward and backward.

This part of the session was very interactive, and informative with maximum involvement of students.

Speaker had also given the products in students' hands to know more about them. He taught the students about the components used to build these two products. Furthermore he explained the importance of components and their uses. Knowledge shared by the speaker was amazing. All the students learned and enjoyed a lot. Further they demanded the speaker and co-ordinator to organize the workshop for Robotics and IOT in which the students will get the opportunities to build such small robots.

Speakers: Mr. Rahul Gupta (Founder, Passion 3D World)

Date: 19th November, 2022 (Saturday)

Time: 09:00 am - 11:00 am

Venue: Room No. 311, 3rd Floor.

Beneficiaries: S.Y and T.Y students of B.Sc.IT and B.Sc. CS

Coordinated By: Prof. Aparna Panigrahy and Prof. Shivkumar Chandey

No. of Beneficiaries: 45

SEMINAR-ROBOTICS & ARTIFICIAL INTELLIGENCE

Photographs



SEMINAR ON BI TOOLS (SNOWFLAKES & TABLEAU) & JOB SEARCH

Report

On Friday, 25th November, 2022 the Department of B.Sc. IT and B.Sc. CS had organized a Seminar on “BI Tools (Snowflakes & Tableau) & Job Search Tools” for students of SY Learners of B.Sc. IT and B.Sc. CS.

Ms. Shweta Shikarkhane, Data Analyst, Boston, Massachusetts, was the Guest Speaker. 52 Students attended the seminar and benefited from it. The program was conducted in the mini-Auditorium of the college from 11:30 am to 12:30 pm

SEMINAR ON BI TOOLS (SNOWFLAKES & TABLEAU) & JOB SEARCH

Photographs



SEMINAR ON CYBER SECURITY AWARENESS

Report

On Saturday, 10th December, 2022 the Department of B.Sc. IT and B.Sc. CS had organized a Seminar on “Cyber Security Awareness” for the students of B.Sc. IT and B.Sc. CS. This program was conducted by Maharashtra Cyber cell in association with Quick Heal Foundation.

The Speaker started the session by sharing basic information about cyber security and the basic terminologies associated with it. The introductory part was very informative to kick start the cyber security session. 120 Students attended the seminar and benefited from it. The program was organised from 09:00 am - 09:45 am in Room No. 311, 3rd Floor.

PHOTOGRAPH OF SEMINAR ON CYBER SECURITY AWARENESS



PEER LEARNING SESSION ON “CAREER AS A FULL STACK DEVELOPER & PROJECT GUIDANCE”

Report

The Department of B.Sc.IT/CS had organized a Peer learning session on “Career as a Full Stack Developer & Project Guidance” for the students of First year and Second year B.Sc.IT and B.Sc.CS .

This session was organized to let the students know the concept of Full Stack Development and its current Job perspective in the industry. The session was quite interactive with maximum involvement of students.

Speaker: Mr. Rahul Dayal

Designation: Student of Third year B.Sc.IT

Date: 23rd April 2022

Time: 12.30 PM -1:30 PM

Mode: Online

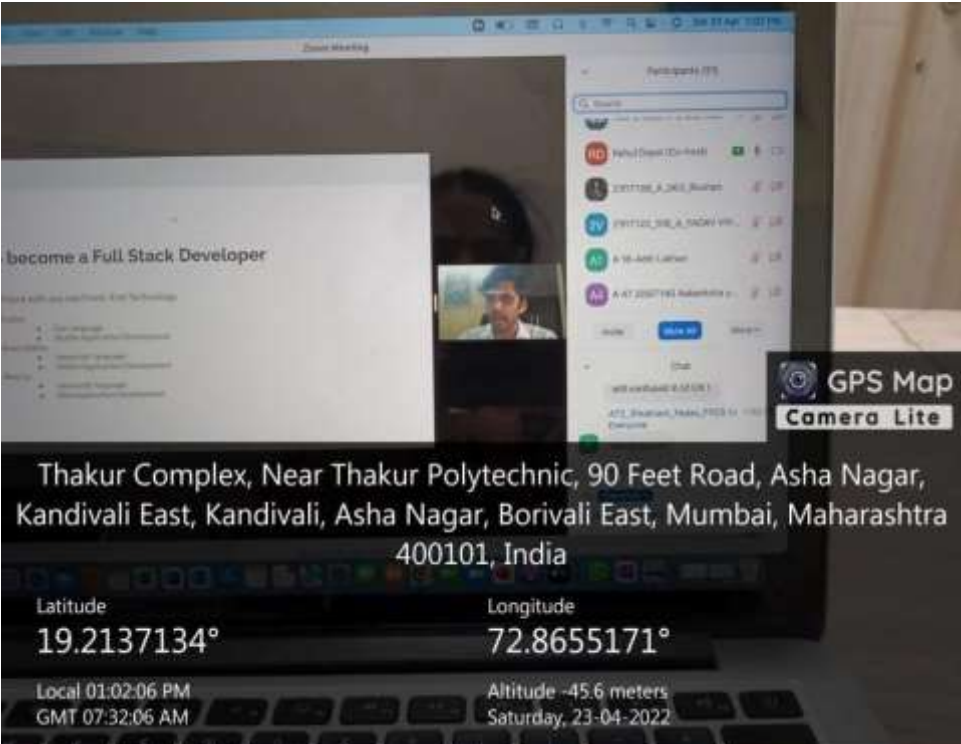
Targeted Audience: Intra-collegiate students

Coordinated By: Prof. Aparna Panigrahy

No. of Participants: 64 Intra-collegiate students

PEER LEARNING SESSION ON “CAREER AS A FULL STACK DEVELOPER & PROJECT GUIDANCE”

Photographs



WORKSHOP ON BLOCKCHAIN HACKING

Report

Ms. Aparna Panigrahy, Asst. Professor had felicitated the resource person Mr. Vaibhav Khanderao, CEO of Scienox Technologies, initiated the workshop with a small welcome address and welcomed all the attendees of the program.

The Blockchain Hacking workshop was conducted for the students of M.Sc. IT Students by the speaker Mr. Vaibhav Khanderao. The Speaker had demonstrated the topics live during the session covering the majority of the topics from basics to advanced level. Students learnt a lot during this one day hands-on workshop and given amazing feedback for the speaker and course contents.

Students were very interactive and asked many questions on the blockchain, ethereum, smart contracts, etc. Students were given an assignment, which was the criteria to grab the course completion certificate. All the students have submitted the assignments and made it possible to achieve the certificates.

Ms. Swiddle D'Cunha, I/C Principal presented the Certificate of Course Completion to all the attendees. Mr. Shivkumar Chandey, Asst. Professor, assisted the I/C Principal for the same.

Resource Person: Mr. Vaibhav Khanderao, CEO, Scienox Technologies

Date & Time: Thursday, 27th April 2023 [10.00 a.m. to 06.00 p.m.]

Venue: Computer Lab No. 04, 3rd Floor

Attendees: M.Sc. IT Students

No. of beneficiaries: 12

Take away from workshop: Course Completion

Certificate Criteria to get the certificate: Assignment Submission

WORKSHOP ON BLOCKCHAIN HACKING

Report

