



SST COLLEGE OF ARTS & COMMERCE DEPARTMENT OF SCIENCE (IT & CS)



2019-20



S.S.T. College of Arts & Commerce

(Affiliated to University of Mumbai, Mumbai)
Ulhasnagar - 421 004, Dist. Thane.



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Orientation Program

Report

Date: 13th June, 2019

Venue: SST College (Room No. 104)

Time: 11.30 am

No. of Participants: 47

Resource Person: Asst. Prof. Gunjeet Kaur

On June 13th, 2019, at 11.30 a.m. an Orientation Program for students of SY and TY B.Sc. (I.T) and SY and TY B.Sc. (CS) was held in Room No. 104. The program introduction was given by Asst. Prof. Gunjeet Kaur.

Ms. Bhavika Mulchandani, Assistant Professor of IT and CS Department, provided the students a quick overview of the syllabus, importance of attendance, test pattern, college rules and regulations, and the discipline that must be followed on the college premises throughout the program. The students were given a PowerPoint presentation that offered them an overview of the college's activities.

Principal Dr. J. Purswani, also addressed the students and greeted them with best wishes for the future endeavor around 1:00 p.m., the programme came to an end. The vote of thanks was given by Asst. Prof. Deepa Agrawal.

Glimpses



Students Interaction session

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IT Forum Inauguration & Seminar - Internet of Things

Report

Date: 28th June, 2019

Venue: SST College (Room No. 208)

No. of Participants: 36

Resource Person: Mr. Manoj Kavedia

A one day ceremony had been conducted on 28th JUNE, 2019, at S.S.T College of Arts and Commerce, Ulhasnagar-4 in order to introduce the IT FORUM Committee among the students and other faculties of our college.

The guest speaker was heartily welcomed by the students of the Information Technology and Computer Science Department. The Guest speaker Manoj Kavedia, has 15+ years of experience in Information Technology and Computer Science Field.

He covered the following topics:

- Evolution of Internet
- Impact of Internet
- Internet Usage
- Definitions of IOT
- IOT Architecture
- Enabling Technologies
- Cloud Centric IOT
- Applications of IOT

At the end, Asst. Prof. Deepak Dubey offered a vote of thanks to all including Mr. Manoj Kavedia. He thanked all the invited guests and students for gracing the occasion by their presence.

The entire seminar was coordinated with the support of the IT FORUM of the department of Information Technology and Computer Science, S.S.T College of Arts and Commerce.

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Felicitation of Prof. Manoj Kavedia (guest) by Asst. Prof. Deepak Dubey

Prof. Manoj Kavedia briefing about IoT



Guest speaker with IT forum members



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SEMINAR - HYPERLOOP

Report

Date: 29th June, 2019

Venue: SST College (Room No. 101)

No. of Participants: 49

Resource Person: Mrs. Kalpana Talande

IT Forum organized a one day seminar on "HYPERLOOP" on June 29th 2019 in Room no. 101. The seminar focused on career planning. The program started at 11:30 a.m. with the welcome speech addressed by Asst.Prof. Bhavika Mulchandani. The dignitaries on the dais were Mrs. Vina Patil and Mrs. Kalpana Talande from SEED INFOTECH, Asst. Prof. Deepak Dubey and Principal Dr. J.C. Purswani of S.S.T College.

Opening remarks and introduction of the program was given by Asst. Prof. Deepak Dubey. He highlighted the importance of Hyperbola, the fourth mode of Transportation and detailed information of Hyper loops to the Students. He further explained the different positions of Hyperloop capsule, Current version, types of Hyper loop, Construction cost, travel time and operating system of Hyperloop capsule by using a computer system.

He continued the session by giving examples of Hyperloop in India. He had also given information about the Andhra Pradesh Economic Development Board who had signed a memorandum of proposal on Hyperloop connectivity between the city centers of Vijayawada and Amravati & proposed different routes in India. All the information delivered to students with the help of a Projector.

The program was concluded with a vote of thanks by Asst. Prof. Bhavika Mulchandani. She thanked the Management, Principal, HODs and students and all those who contributed to the success of the program.

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**Guest speaker
addressing the
students**

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Faculty Development Program

Ms-Office

Report

Date: 1st July, 2019

Venue: SST College (Room No. 104)

No. of Participants: 15

Resource Person: Asst. Prof. Deepa Agrawal

A one day workshop on MS-Office was conducted on 1st July 2019, at S.S.T College of Arts And Commerce, Ulhasnagar-4 to give Basic introduction of MS - Office among the Faculties of various departments of our college.

Total of 15 faculties from different departments, namely, BA, BCOM, BAF, BMS, BMM and BBI participated in this workshop.

Asst. Prof. Deepa Agrawal provided practical knowledge of MS-WORD and covered the following topics.

The following topics were covered in MS-WORD

- Create a new document and insert text.
- Insert and format graphics.
- Insert and modify text boxes and shapes.
- Change document and paragraph layout.
- Create and modify lists.
- Correct and reorganize text.
- Use of hyperlink

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Asst. Prof. Bhavika Mulchandani provided practical knowledge of MS Excel and covered the following topics.

The following topics covered in MS Excel:

- Introduction to Excel
- Setting Up Your Excel Environment
- Starting a Workbook
- Modifying Columns, Rows, and Cells
- Formatting Text
- Creating Simple Formulas
- Working with Cells
- Creating Complex Formulas
- Working with Basic Functions
- Formatting Tables
- Aligning Text
- Working with Worksheets

Asst. Prof. Rishika Pali explained the features of PPT and provided practical knowledge of MS-POWERPOINT and covered the following topics.

The following topics were covered in MS- POWERPOINT

PowerPoint

- Create a new presentation.
- Edit a presentation in normal view.
- Add pictures to a presentation.
- Print and view a presentation.
- Format numbered and bulleted lists.
- Insert text boxes and shapes.
- Format objects.
- Customize slide backgrounds and themes.

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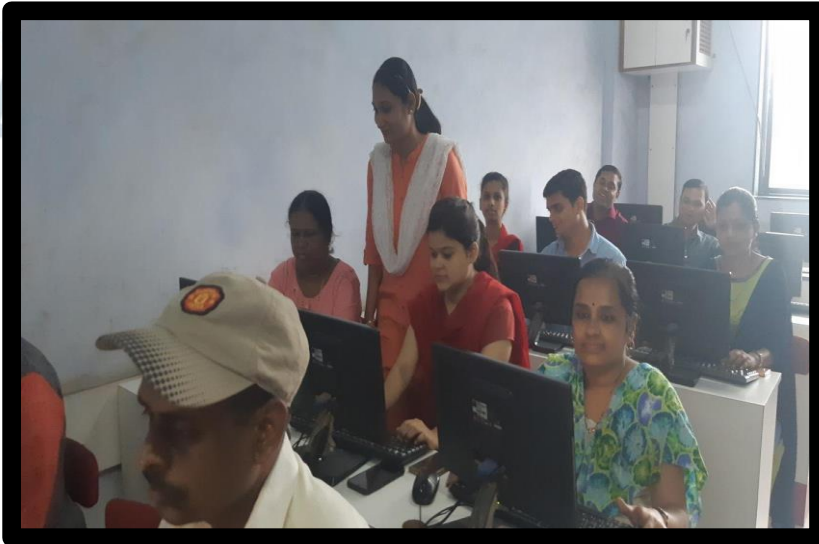


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Asst. Prof. Rishika Pali guiding faculties about Microsoft PowerPoint

Hands-on Session to faculties on Ms-Word



Interaction session with the participants



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SEMINAR ON “PROJECT DISSERTATION”

Report

Date: 13th July, 2019

Time: 11.30 am

Venue: Room No. 104

No. of Participants: 29

Resource Person: Asst. Prof. Rishika Pali

A one day Seminar on Project Dissertation conducted on 13th July, 2019, at S.S.T College of Arts and Commerce, Ulhasnagar-4 in order to guide students of Final Year about Project Selection and its completion. A total number of 29 students from TYIT have participated in this seminar.

Seminar on PROJECT DISSERTATION was presented by Asst. Prof. Rishika Pali. The Purpose of the seminar was to guide TYBsc.IT students about how to create projects for final year examinations. With the help of PowerPoint presentations, they were shown the examples of different Projects which were very useful for all the students.

Following were the highlights of the Seminar:

- How to choose a project for Final Examination?
- University Rules for project selection and completion.
- Different components involved in Project.
- Software development life cycle.
- Platform dependencies.
- Back end dependencies.
- Different Phases of Project.
- UML in detail.
- Project documentation.

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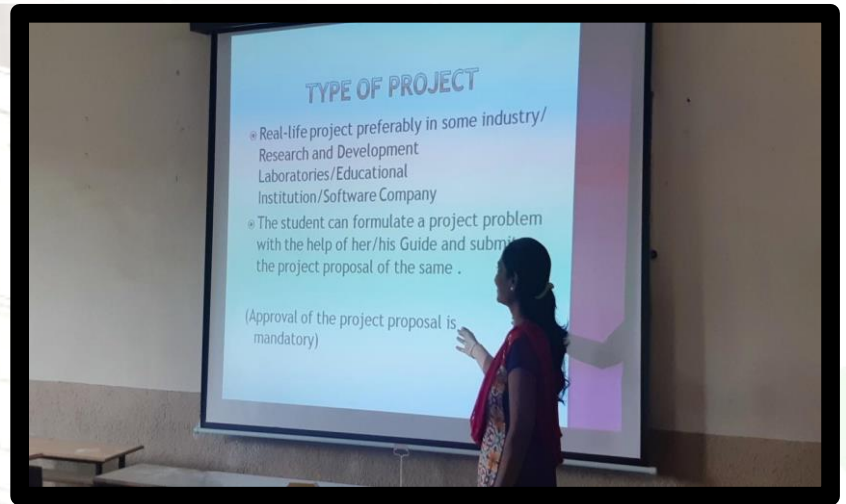


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**Asst. Prof. Rishika Pali
Addressing Participants**



**Asst. Prof. Rishika Pali
with Project Presentation**

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Induction Program

Report

Date: 8th August, 2019

Venue: SST College (Room No. 104)

No. of Participants: 61

Resource Person: Asst.Prof. Mayra Lachhani

The transition from Junior college to Degree College can be challenging for new First Year students. In this aspect, we arranged an induction session for First Year students on 8th August, 2019. The focus was on overall curriculum, extracurricular activities. Induction program also addressed different aspects like a new timetable, new subjects, new teachers and the layout of a new institute. A total of 61 students participated in this program which was conducted on 8th August, 2019. Faculty and student volunteers from other programs worked extensively to ensure that the induction was well organized.

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SEMINAR - NETWORKING

Report

Date: 19th August, 2019

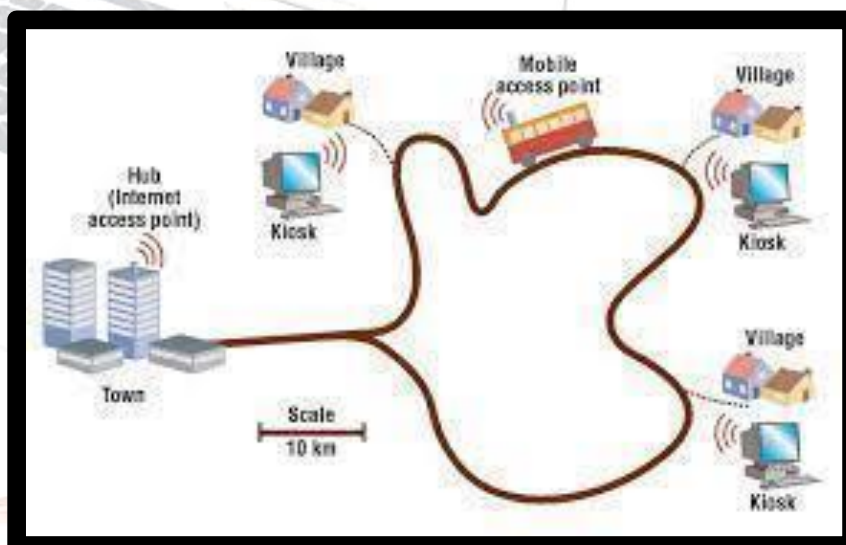
Venue: SST College (Room No. 101)

No. of Participants: 87

Resource Person: Asst.Prof. Bhavika Mulchandani

IT Forum organized a one-day seminar on “**Networking**” on 19th August 2019 at 11.30 am in Room no. 101. Brief understanding about computer networks and defined as a set of two or more computers having interconnection to the same resources, such as exchange files, printers, CDs and other similar equipment. The networks are in a computer built with a great combination of software and hardware. Mr. Ravindra Jaiswal explained the main purpose of the networks was to facilitate communication through video conferencing, email, instant messaging, etc. Additionally, multiple users were enabled to share a single hardware device, such as a scanner or printer. All the information was shared with the students with the help of the Projector. The programme was wrapped up around 2:30 pm and the vote of thanks was given by the Asst. Prof. Athar Jamal

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SEMINAR ON WINDOWS INSTALLATION

Report

Date: 4th September, 2019

Venue: 104

No. of Participants: 52

Resource Person: Asst. Prof. Ravindra Jaiswal

A One day Seminar on Basics of Computer Network has been conducted on 4th September 2019, at S.S.T College of Arts And Commerce, Ulhasnagar-4 in order to spread Computer Network literacy among the students of our College. A total of 52 students from FY and SY classes participated in the seminar.

The Seminar was conducted by Asst. Prof. Ravindra Jaiswal from SST College of Arts & Commerce. He covered the following topics:

- The seminar gave a detailed procedure of installation of Windows 7 Operating System.
- The steps were shown live by installing the OS on the machine and it was shown to students with the help of a projector.

An assignment was given to students to write the steps of installation of windows 7 which is part of their syllabus.

This seminar helped students to understand the actual procedure of installation. Many queries of the students were solved.

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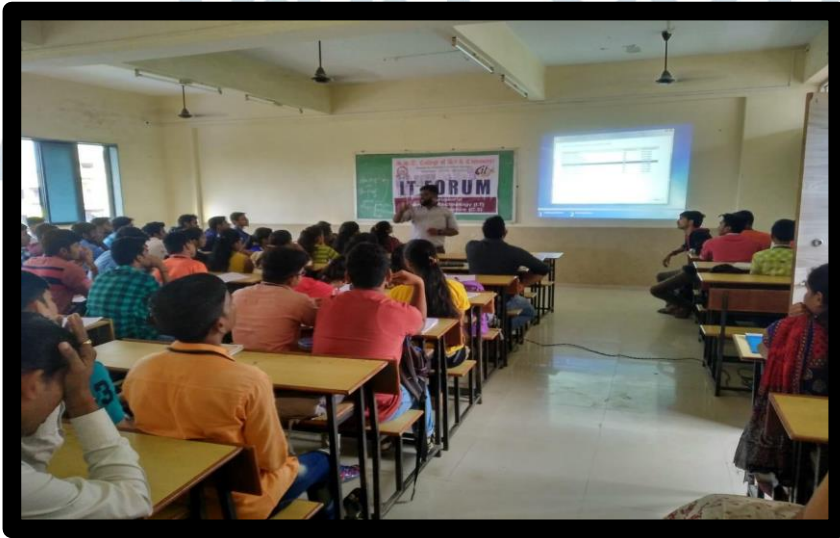
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**ASST. PROF. RAVINDRA
JAISWAL CONDUCTING
SEMINAR ON WINDOWS
INSTALLATION**

**ASST. PROF. RAVINDRA
JAISWAL ANSWERING
QUERIES OF PARTICIPANTS**



2019-20



“CODE EXECUTION CHAMPIONSHIP”

Report

Date: 2nd December, 2019

Resource: Competition

No. of Participants: 64 students

Venue: SST College, Computer Lab and Virtual Platform

A Code Execution Championship conducted on 2nd December, 2019, at S.S.T College of Arts and Commerce, Ulhasnagar-4.

A total of 64 IT and CS students participated in this seminar. Code Execution Championship 2019, a Mumbai suburban programming competition organized by “Sheth L.U.J. College of Arts and Sir M.V. College of Science and Commerce, Andheri.

Phase 1 is an online objective-based examination which was held on 2nd December, 2019 in computer lab 1.

IT FORUM organised lectures for students on Programming Language so they could appear for phase 1 exam. Asst. Prof. Deepa Agrawal guided students about Java Programming language. Asst. Prof. Bhavika Mulchandani guided students about C-Programming and Asst. Prof. Mayra Lachhani about Python Programming. Ms. Rishika Pali guided students about online exams, how to login for exams and how to appear for the exam.

OUTCOME:-

In **stage 1** total 64 students from First year, second year and Third year appeared for the exam out of which 29 students were selected for stage 2, which was held on 7th December, 2019 at Sir M.V College of science and commerce, Andheri. out of which 10 students were eligible for the certificate.



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**STUDENTS APPEARED
FOR CODE EXECUTION
CHAMPIONSHIP 2019**

COLLEGE OF
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DEPARTMENT OF
TECHNOLOGY

**WINNERS OF THE
FIRST STAGE CODE
EXECUTION
CHAMPIONSHIP 2019**



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SEMINAR ON “LINUX ADMINISTRATION”

Date: 7th December, 2019

Time: 3:00 to 4:30pm.

Venue: Room No. 104

No. of Participants: 54

Resource Person: Asst. Prof. Ravindra Jaiswal

On 7th December 2019, the seminar on Linux administration was conducted in our college in Room no. 104. The seminar was marked with the attendance of 54 students. The speaker for the seminar was Asst. Prof. Ravindra Jaiswal and Asst. Prof. Athar Jamal

The aim of the seminar was to give knowledge about the role of Linux administrator and make them aware of the responsibility and opportunity available to them in the Linux field.

Following this session, participants heard about specific examples of persons working as Linux administrators and their profile and duties which helped them to get clear the scenario of Linux profile in market.

Following were the highlights of the Seminar:

1) Introduction:

- a) How to Pronounce Linux?
- b) Linux Vs. UNIX
- c) Distributions of Linux:
 - The Fedora Project: RedHat-sponsored community effort OS.
 - Mandrake
 - Debian
 - Turbo Linux
 - Slack ware

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- SuSE

- Knopp

2) Hardware Requirements for Linux Installation.

3) Current application of Linux systems.

4) Quickstart Commands.

OUTCOME:-

The seminar was very informative and the students had shown much interest

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**Seminar on Linux
Administration addressed by
Asst. Prof. Ravindra Jaiswal**

**Participants raising their
queries in seminar of Linux
administration**





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“SEMINAR ON COMMUNICATION SKILLS”

Report

Date: 20th December 2019

No. of Participants: 41 students

Venue: SST College, Room No. 101

Resource Person: Asst. Professor Vandana Soni

The Seminar on “Communication Skill” was conducted on 20th December 2019, at S.S.T College of Arts and Commerce, Ulhasnagar-4. Students understood how skills are required so that the message is conveyed properly. It includes skills such as active listening, non-verbal communication (i.e. body language), and many more. Asst. Professor Vandana Soni explained the concepts in detail and assisted them with these kinds of skills which are important not only for efficient cross-cultural communication but also for effective communication strategies after school.

An activity on Body language was also conducted. The activity focused on raising awareness on the importance of body language as well as creating an opportunity for students to learn to notice more the body language of their interlocutor and realize how this interferes with the message sent.

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VISIT TO TECH FEST IN IIT BOMBAY

Report

Date: 4th January, 2020

Venue: IIT Bombay

No. of Participants: 120

IT Forum organized a one day visit to IIT Bombay for TECH FEST 4th January 2020. Techfest is the annual science and technology festival of Indian Institute of Technology Bombay where 120 students willingly participated.

Techfest 2019-20 was based on the theme "Da Vincian Spectacle" which was inspired by the idea that art and science are really closer than we think. The legacy of moving the benchmark higher and higher was continued by bringing lecturers like RoboThespian and Einstein Robot. With lecturers like Zaheer khan (Indian Former Cricketer) , Vidya Balan (Actress), N. R. Narayan Murthy (Co-founder of Infosys) and B.S .Dhanoa (Ex. Air Chief Marshal of India).

Following were the highlights of Tech fest:

1. India's first Indigenous Air Taxi.
2. World's First Actor and Performer Humanoid Robot.
3. Indro 3.0 and Indro 4.0 are Autonomous humanoid robots of India, having capacities like Face detection and AI.
4. Techfest presents the International Robowars! India's Largest Robot Combat Competition where participants from around the globe battle each other for the coveted Robowars Champion Title.
5. RoboVR was a championship where students / Robot makers/tech enthusiasts build 1-2 sized robots and compete in various sports like boxing, football, Tug of war, and Other games performed by Robots against other Robots.



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**Students and Faculty Members at
Techfest - IIT Bombay**



**India's first Indigenous Air Taxi
at Tech Fest 2020**



**Indro 3.0 Autonomous humanoid
robots of India at Tech Fest 2020**



**World's First Actor and
Performer Humanoid Robot at
Tech Fest 2020**

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**ASST. PROF. RAVINDRA
JAISWAL ANSWERING
QUERIES OF PARTICIPANTS**



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