

TechPioneers Annual Report 2018-19

TechPioneers Council 2018-19

Convener: Ms. Mona Adlakha

Co-Convener: Dr. Priti Jagwani

To,
The Principal
Aryabhatta College
University of Delhi

70 - 676
24/9/18

Date: 24/9/2018

Subject: TechPioneers Council 2018-19

Respected Sir,

The faculty of the Computer Science Department decided to select the office bearers for the TechPioneers Council 2018-19 by a two-step process.

Step 1: The interested students of the department were asked to fill a Google Form

Step 2: Interviews for these students were conducted on 19th & 20th September 2018.

The following students were selected:

TECHPIONEERS COUNCIL - OFFICE BEARERS (2018-19):

PRESIDENT: Kshitij Jain (16/CS/012)

SECRETARY: Raghav Jaggi (16/CS/025)

EXECUTIVE COUNCIL:

LOGISTICS	CORPORATE RELATIONS
HEAD: Ujjwal P. Singh (16/CS/005)	HEAD: Suraj Pandey (16/CS/041)
Deepak Tripathi (16/CS/004)	Alok K. Chaudhary (17/CS/033)
Chandranshu Gupta (17/CS/034)	Nikhil Grover (17/CS/070)
Mohammad Arman (CSC/18/80)	Rahul Pandey (CSC/18/57)
	Pratyasha (CSC/18/67)
CREATIVE	MARKETING
HEAD: Vishal Yadav (16/CS/030)	HEAD: Utkarsh Raghav (17/CS/025)
Aastha Goel (17/CS/020)	Vinit Bhat (17/CS/086)
Mehek Khazanchi (17/CS/019)	Neeraj Singh (CSC/18/6)
Nitin Mahour (17/CS/084)	Anushka Sharma (CSC/18/13)
Samarjit Mahi (CSC/18/99)	

The above is for your information and record.

Thank you for your guidance and support to TechPioneers.

Sincerely,

Mona Adlakha
24/9/18
Convener, TechPioneers

Priti
Co-Convener, TechPioneers

2nd In-House Skill Development Activity:

PYTHON PROGRAMMING WORKSHOP

TechPioneers, the Computer Science Society of Aryabhata College, organized its 2nd IN-HOUSE SKILL DEVELOPMENT WORKSHOP ON PYTHON PROGRAMMING in the month of September 2018. The 2-day workshop aimed at providing the learner with the basic knowledge of programming with Python and hands-on experience in the Python Programming Language. The session was attended by over 50 students where our own students Yash Sharma and Ishant Malik conducted the workshop. The workshop further increased the interest of the participants in other fields of computer science like web development, app development or any general purpose applications. A quiz was conducted at the end to test the effectiveness of the workshop. The participants also filled a feedback form at the end of the workshop.

ARYABHATTA COLLEGE
UNIVERSITY OF DELHI

TECHPIONEERS: COMPUTER SCIENCE SOCIETY

PRESENTS IT'S 2nd
SKILL DEVELOPMENT ACTIVITY (IN-HOUSE)

Python
Programming Workshop

27th Sept '18
Session 1
1:30 - 3:00 pm

29th Sept '18
Session 2
9:30 - 11:00 am

29th Sept '18
Session 3
11:30 - 1:30 pm

Venue
Old Computer Lab
(Report 15 min before start of the session)

Contact:
Yash Sharma (971-826-8388)
Ishant Malik (863-025-2808)



Orientation for Internship by Beyond Alphabets

Beyond Alphabets, a start-up company, approached the department for interns for Summer 2019. They were interested in selecting students from BSc(H) Computer Science II Year.

A Google form was floated to get details from interested students and the faculty shortlisted 13 students (based on CGPA of I year result).

On 15th December 2018, the shortlisted students were interviewed by Mr. Neeraj Arora and Mr. Sanjay Kumar (founders of Beyond Alphabets). A team of nine students was selected.

Beyond Alphabets is working on generic IoT Platform that will facilitate rapid development of Smart Solutions like - Connected Worker, Smart Factory, Asset Monitoring/tracking, Smart Energy etc. The initial scope for team was to work on first version of building blocks for "Connected worker IOT application" targeted for manufacturing industry. For this they will be working on 4 small prototypes. The winter vacation (December 2018) would orient the team on project and technologies with mindset to complete prototype during 2-months summer vacation internship (summer 2019).

The orientation started on 19th December 2018. Five days of the orientation, by Mr Neeraj Arora and Mr. Sanjay Kumar, was done in the New Computer Lab. On the other days the students were allotted tasks for home. The students were divided into groups and assigned the task of exploring different technologies. The founders acquainted the students with the technologies being used in the current/upcoming projects at Beyond Alphabets.

Six students - Rahul Sharma, Aastha Goel, Rupender Kumar, Vinit Bhat, Arunesh Abhishek and Deepak Kumar, successfully completed the orientation. The students found the orientation very enriching and insightful. They were asked to continue to explore the technologies in the coming months. The orientation helped bridge the gap between what is taught in the curriculum and what is required in the industry.

At the end of the 2-week orientation, Beyond Alphabets offered Summer Internship (for June-July 2019) to seven students - Rahul Sharma, Aastha Goel, Rupender Kumar, Vinit Bhat, Arunesh Abhishek, Deepak Kumar and Deep Gaurav.

The Department of Computer Science looks forward to a long association with Beyond Alphabets.

Seminar by Unique Shiksha on 'Future Prospects in Government Jobs'

On 6th February 2019

No. of participants: 74

Unique Shiksha is an initiative by Unique Publishers to help Civil Services aspirants fulfil their dreams. It is the first and only Civil Services Preparation Institute with 'Top UPSC Gurus' and 'Personal Mentor' for every student. It also is the only institute to provide fixed class schedule for the entire year at the commencement of the batch.

Many candidates just dream about success but that is not enough. One has to toil hard with proper guidance as said by the speaker.

The speaker motivated the students with many examples on who people achieved the success despite many hurdles.

The right guidance is provided by the experienced mentors at Unique Shiksha.

The speaker also addressed many questions asked by the students towards the end of the session.

Seminar on Opportunities after MCA
by Prof. Ritukar Chadha of Landmark Institute
on 13th February 2019

No. of participants: 74

Landmark Institute is a very well renowned institute in the hub of central Delhi. The institute prepares students for MCA Entrance examination for top universities like DU/JNU/NIT's/BHU/HCU/JAMIA/IP and others for last 13 years.

The speaker talked about the importance of doing MCA after graduation. It is like cheery on the cake as it opens many job opportunities for the candidates. Prof. Ritukar explained the importance of building confidence, self-discipline, the drive and the motivation to excel.

During the talk right path to crack MCA examination was discussed. Students showed a lot of interest by asking questions.

Seminar by T.I.M.E Institute

on 20th February 2019

No. of participants: 71

Triumphant Institute of Management Education Pvt. Ltd. (T.I.M.E.) is India's leading test-prep institute with a pan-India presence and is headquartered in Hyderabad. Established in 1992, T.I.M.E. today operates out of 200 offices located in 100 towns and cities across the country. Over 40 IIT/IIM graduates form part of the core team at T.I.M.E.

The speaker highlighted the different career paths that a student can take after graduation, one such is doing MBA from top management college. The speaker pointed the common mistakes that a candidate makes while preparing for the CAT examination. The mantra for success in CAT is right mindset an access to structured content.

During the session, many questions were asked like how many hours should read and which are the top college from MBA. The speaker answered each of these elaborately.

At the end of the session, Vote of Thanks was given by the TechPioneers Council President.

E-Waste Collection Drive

Understanding the importance of proper e-Waste management, **TechPioneers**, along with **Karo Sambhav** planned an **E-Waste Collection Drive on 26th & 27th February 2019**. Students, teachers and staff were encouraged to bring their e-waste. The collected e-Waste was taken by Karo Sambhav, who would sort the waste and send it to e-waste recyclers empaneled with them.

Seeing the encouraging response, TechPioneers plans to periodically organize such collection drives.



The poster is for an E-Waste Collection Drive organized by TechPioneers and Karo Sambhav. It features logos for Aryabhata College (University of Delhi), Karo Sambhav, and TechPioneers. The event is scheduled for February 26th and 27th, 2019, at the Outside Multipurpose Hall. A list of collectible e-waste items is provided, including mobile phones, headphones, chargers, tablets, batteries, desktop monitors, LCD monitors, computer cooling fans, printers, cables, boards, and power supplies. Social media links for Instagram and Facebook are also included.

TECHPIONEERS
COMPUTER SCIENCE SOCIETY
Aryabhata College
(University of Delhi)
Along with

KARO SAMBHAV
Cohesive e-waste movement

organizes:

e-waste Collection Drive

26 th February 2019		12:30PM-2:30PM	Venue
27 th February 2019		11:00AM-3:00PM	

e-waste items to be collected
Mobile phones, HeadPhone/HeadSet, Earphone, Charger, Tablet, Battery,
Desktop(CPU+Monitor), LCD Monitor, Computer Cooling fans,
Printers (including Cartridge), Cables, Boards, Regular Boards- Power Supply.

<https://www.instagram.com/techpioneersofficial>
<https://www.facebook.com/techpioneersofficial>

<https://celis19.tech>

Annual Computer Science festival of Aryabhata College - CELESTECH'19

The other major event of the department was the 2nd Computer Science festival of Aryabhata College - CELESTECH'19. This annual Inter-college fest was organized with the objective to provide a platform for the students to showcase their talent with a competitive spirit. CELESTECH'19 held multiple technical and non-technical events on the 1st day. Several innovative events were organized - Quizosity: Codathan; Junkyard Wars; IT Tambola; Unicon; Lan Gaming; Chasse Au Tresor; and the fun One minute games in which a participation of 300 students was observed.

CELECTECH'19 received overwhelming response from students of various undergraduate and graduate colleges of Delhi. It was a great success.

Inauguration -



Quizosity -



Codathon -



Junkyard -



IT Tambola -



Unicorn -



Chasse Au Tresor -



One Min Games -



Photo Booth -



Technical Session: “Artificial Intelligence - the Double-Edged Sword”

On the 2nd day of Celestech’19, Prof. Vasudha Bhatnagar (Head, Department of Computer Science, University of Delhi), was invited to enlighten the students on the topic “**Artificial Intelligence-the Double-Edged Sword**”.

Prof. Bhatnagar gave a brief introduction of Artificial Intelligence; its significance in the modern day and implications on human society with further development.



Awareness Drive on Environmental Hazards of e-Waste

Day 2 of Celestech'19 also had another interesting session. **An awareness drive by Karo Sambhav, one of India's leading Producer Responsibility Organisation (PRO) on the topic “Environmental Hazards of e-waste” under the Ministry of Electronics and Information Technology’s (MeitY), was organized.** Ms. Ritika Jain, Manager (EPR); Ms. Sakshe Vasudeva, Karo Sambhav Ambassador Programme Coordinator; and Mr. Kevin Valsan, Manager (EPR) were the guest speakers. **The programme is also being supported by the Ministry of Environment, Forest and Climate Change (MoEFCC).**

The students were made aware about e-waste and its inappropriate management across India, explaining the harmful hazards they pose to human health and environment.

Interesting games were organized, at the end of the session. Students won exciting prizes made out of recycled items. **It was indeed an informative session which motivated the students and faculty members to handle e-waste properly by handing it over to the authorized recyclers.**

The session ended with the Karo Sambhav team presenting an Acknowledgement Certificate to our Principal, for the college’s participation in the awareness campaign.

