

# Computer Science Society

# Annual Report

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Ashoka University  
1st May, 2021



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## About Us

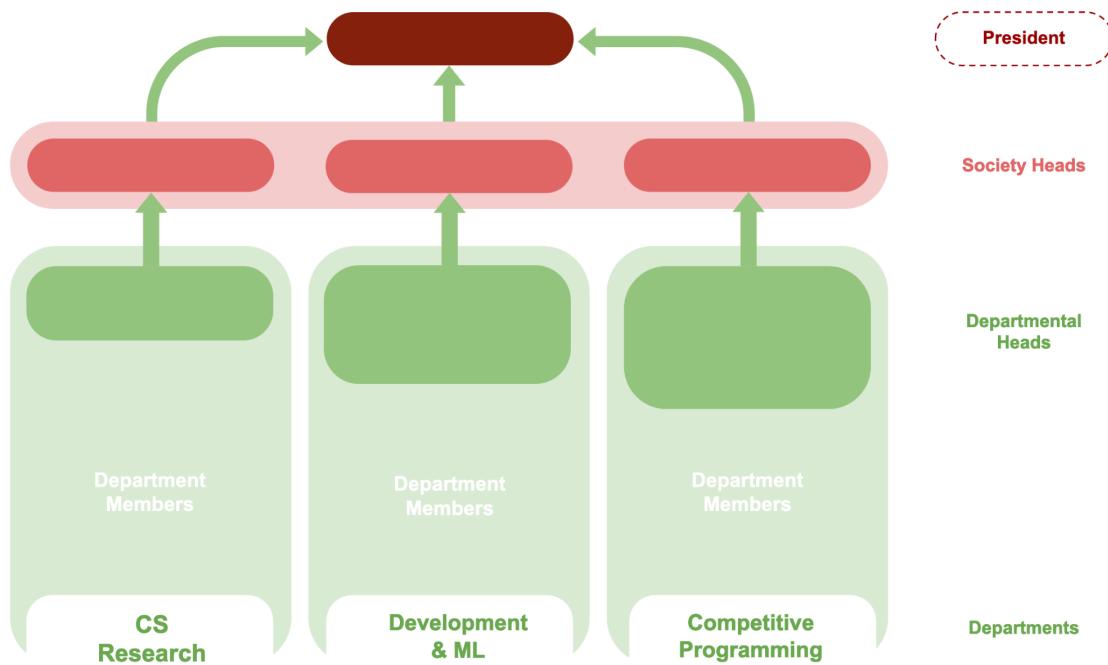
The CS Society was formed in 2016. In 2020, it underwent major restructuring, with changes in internal-structure and leadership. 2020-21 has been a very active and rewarding year for the CS Society. Despite functioning entirely online, we have conducted a record number of events and have received the highest ever participation from members and non-members alike. We are therefore proud to present our annual report 2020-21.



# 1. Organisation

## Factsheet:

<b>Category</b>	: Academic Society (Office of Academic Affairs)
<b>Budget</b>	: 5000 INR/annum
<b>Inception</b>	: 2016 (restructured in 2020)
<b>Faculty Advisor(s)</b>	: Mahavir Jhawar (officially, Prof. Ravi Kothari)
<b>Flagship Event(s)</b>	: Mahavamsa, RedBrick Hacks
<b>Departments</b>	: Research, Development, Competitive Coding
<b>Partnerships</b>	: CodeChef, DigitalOcean, WiCS, WireByte, (upcoming: ACM, Google DSC)
<b>Communications</b>	: <a href="mailto:cs.society@ashoka.edu.in">cs.society@ashoka.edu.in</a> , @cs.ashoka (IG)
<b>Current Leadership</b>	: Tanvi Roy (PoC), Soham Bagchi, Soham De, Manish Rajani (PoC), Yashvardhan Jain (PoC), Akshat Singh, Vibodh Nautiyal



**Society Hierarchy:** Each department has Departmental Heads (the most active members) and a single PoC (chosen among the Heads). The 3 PoCs are nominal positions, and collectively form the Society Heads. The President of the Society is elected every semester, among the Departmental Heads

## 2. Events

### Academic Year 2020-21

#### 1. Resume Review

- **Organiser:** Onish Garg, Archit Checker
- **Date:** Aug 6, 2020
- **Description:** The first event of the Academic Year was conducted by Archit and Onish. We welcomed Resume/ CV submissions from rising 2nd and 3rd years at Ashoka. Valuable and personalized feedback was provided to all submissions, by our volunteers. We received an overwhelming number of responses for this event.

#### 2. Launch of CS Students' Guide

- **Organiser:** Dev Wing (CS Society)
- **Date:** Aug 21, 2020
- **Description:** The CS Society released the first version of the CS Students' Guide, in collaboration with CS Representatives, CS Faculty (Prof Gupta and Prof Awasthi), as well as some useful tips from CS Alumni. This has now been taken up as a yearly project (to keep it updated) with the CS Department and CS Representatives

#### 3. Introduction to Git/ Github

- **Organiser:** Dev Wing (CS Society) x WiteByte
- **Date:** Oct 3, 2020
- **Description:** As a part of Hacktoberfest, this was an introductory, beginner-friendly, hands-on workshop on git and Github. Topics covered included types of version control systems and the most useful git commands. As a part of the workshop, participants were required to create accounts on Github (if they didn't have one already) and make their first pull-request! All these pull-requests were combined in a final class-project, with links to their personal webpage/ GitHub profiles. [Here's](#) the final project deployed.

#### 4. Introduction to Web Development

- **Organiser:** Dev Wing (CS Society)
- **Date:** Oct 16, 2020

- **Description:** As a part of Hacktoberfest, this was an introductory, beginner-friendly, hands-on workshop on web development. Topics covered included basics of HTML, CSS all the way up to JavaScript. Three different projects were undertaken during the workshop, including a Google Clone, a Personal Webpage, and a dynamic web-page using JavaScript.

## 5. Worlds' Worst Website Ever Challenge

- **Organiser:** Dev Wing (CS Society)
- **Date:** Oct 18, 2020
- **Description:** Participants were challenged to make the worst (least aesthetically pleasing) looking websites possible. Good looking websites are easy to make, we feel. Making something intentionally bad makes one wonder what annoys them and is a very fun activity in general. Prizes worth 500 INR were distributed among winners. The most promising submissions are exhibited [here](#).

## 6. ML without Code

- **Organiser:** Soham De (CS Society)
- **Date:** Nov 15, 2020
- **Description:** A beginner-friendly, intuitive introduction to Machine Learning without using any code. Visually appealing presentations were used. As a part of the workshop, participants also engaged in a hands-on workshop where they built a live image classifier. This was also integrated with their favorite video-calling platform of choice, to make it more engaging.

## 7. Explore CS Research

- **Organiser:** Research Wing (CS Society)
- **Date:** Feb 2, 2021
- **Description:** A session conducted by Professor Debayan Gupta, and moderated by the CS Society, for getting the student body up to speed with everything that CS research at Ashoka entails, detailing the various interdisciplinary opportunities at their disposal.

## 8. De-Buzzwording Sessions

- **Organiser:** Research Wing (CS Society)
- **Date:** Dec 29, 2020

- **Description:** A closed session within the Research wing of the CS Society aimed at breaking down complex and intimidating buzzwords in the current world of Computer Science.

## 9. Introduction to Competitive Programming

- **Organiser:** CP Wing (CS Society)
- **Date:** Oct 13, 2020
- **Description:** A brief introduction to Codechef, the in-built IDE, IO for Competitive Programming.

## 10. Beginner-friendly Codechef Contest

- **Organiser:** CP Wing (CS Society)
- **Date:** Oct 17, 2020
- **Description:** A day long beginner-friendly contest for participants to apply their learnings from the preceding session.

## 11. CP Winter Peer-Group Session

- **Organiser:** CP Wing (CS Society)
- **Date:** Dec 22, 2020
- **Description:** Aimed at drafting a plan-of-action and forming a peer-group of individuals interested in honing their CP skills over the month-long winter break

## 12. A Users' Tutorial to LaTeX

- **Organiser:** Soham Bagchi (CS Society)
- **Date:** Feb 6, 2021
- **Description:** A robust introduction to the popular science and math typesetting platform known as LaTeX, conducted right as Spring 2021's assignments (with mandatory LaTeX submissions) began. As an Users' Tutorial, it covered actual useful packages and environments which the students would be using, rather than a lot of other topics that are typically more relevant to advanced users. Wrapped up by introducing LaTeX templates.

## 13. CS Townhall with Prof Jhawar (HoD)

- **Organiser:** CS Society
- **Date:** Jan 29, 2021
- **Description:** The CS Society conducted a CS Townhall with the HOD (Prof Mahavir Jhawar) and every CS Major/ Minor. This was a significant step forward in improving

faculty-student interaction and resolving long-lasting grievances among the student body. This event was moderated by the CS Society leadership and the CS Representatives.

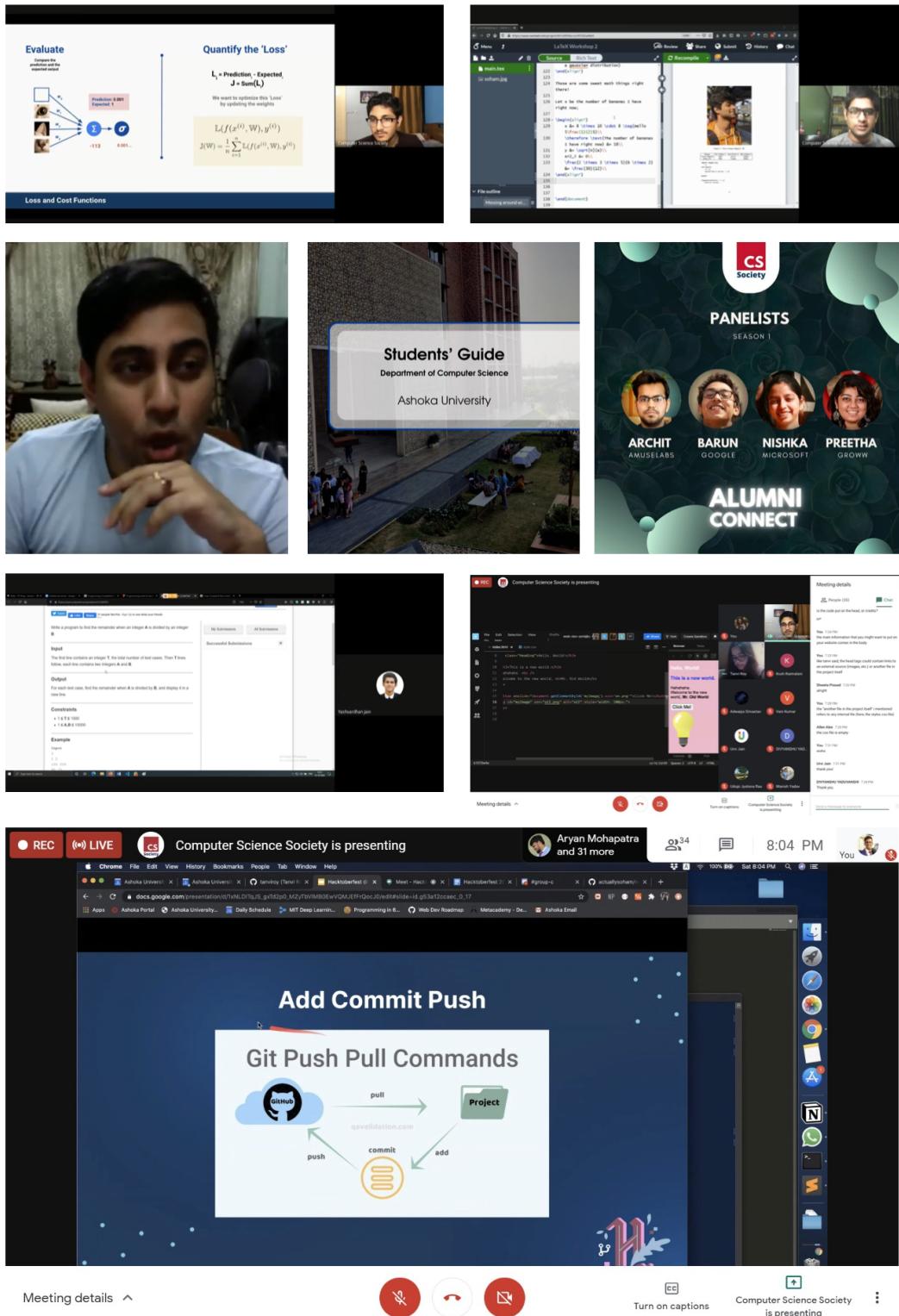
## 14. Alumni Connect

- **Organiser:** CS Society
- **Date:** Apr 3, 2021
- **Description:** The Alumni Connect with Archit Checker, Barun Parruck, Preetha Datta and Nishka Dasgupta was a platform where current CS@Ashoka UG students could get their queries and concerns about CS@Ashoka and CS@TheWorld clarified - ranging from current CS courses at Ashoka, UG Research, Internships, all the way to globally in-demand skills, Start-Ups vs Big Tech. Ended with a fun and informal discussion about the Alums' individual CS experiences - from long sleepless coding nights to dangerously fun final exams.

## Society and External Collaborations 2020-21



## Events Montage (2020-21)



## Social Media Posters (2020-21)

The screenshot shows the Instagram profile for 'cs.ashoka'. The profile picture is a white circle with a red 'CS Society' logo. The bio reads: 'The CS Society at Ashoka The official Instagram page for the Computer Science Society at @ashokaniv'. The account has 15 posts, 128 followers, and 29 following. The posts are a grid of 15 images, mostly promotional for events like 'ALUMNI CONNECT', 'A USER'S TUTORIAL TO LATEX', 'EXPLORE CS RESEARCH @ASHOKA', 'Machine Learning WITHOUT CODE', 'Hacktober FEST 2020', 'Movie Night', and 'The CS Student's Guide'. There are also several abstract designs featuring the letters 'G', 'CS', and circuit boards.

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## Regular Events:

- **Alumni Connect** - UG students connect with CS Alumni for advice on grad school, internships and beyond
- **Hacktoberfest** (in partnership with DigitalOcean)
- **Project Showcase**: Undertaken by the Development Wing
- **Competitive Coding Contests** (in partnership with CodeChef)
- **Research Reading Groups**: Undertaken by the Research Wing
- **Resume Reviews**: Reviewed by Alumni and seniors

## Other (Past) Events:

- **Workshops**: These are technical workshops meant to introduce UGs with new skills and technologies. Previous workshops include: Introduction to LaTeX, ML without Code, Introduction to Web Development, Introduction to Git/Github etc
- **Competitions**: These often accompany workshops to nudge participants to apply skills learnt during the workshop, and get some monetary reward in return
- **Talks**: We invite distinguished speakers from around the world to give talks and inspire students
- **Member-led Workshops**: We encourage members to lead workshops on any topic they are interested and proficient in
- **Sasta ICP**: A UG21 students-led initiative to teach the basics of programming

### 3. Internal Guidelines

#### Brand Guidelines:

- **Logo:** The CS Society logo<sup>1</sup> uses 2 fonts (League Spartan, Open Sans) and 2 colors (red (196,18,47) and blue (13,56,98))
- **Logo Usage:** There are 2 permitted lockups. Logo must be used on white background
- **Ashoka Logo:** Ashoka Logo to be used according to university-wide brand guidelines

#### Promotion Guidelines:

- Members to be promoted to Departmental Heads after at least 1 semester of active membership
- Promotion should be transparent and based on engagement/ commitment levels - metrics for evaluating engagement can be decided by Department
- Inactive members to be impeached from leadership by a strong majority vote among all Department Heads

#### Amendment Guidelines:

- Current leadership is advised to consult previous leadership while amending this constitution.
- All amendments must receive a strong majority vote among Departmental heads to be approved

#### General Guidelines:

- **Affirmative Action:** Leadership is advised to non-cis male member at any point
- While most leadership roles are renewable, senior leadership is advised to step down to an advisory position after multiple terms to increase participation of newer members in the leadership

<sup>1</sup> Brand Guidelines: [https://docs.google.com/presentation/d/1f6T4SiE44QwDoK2Dcr9ab\\_vHS-B1j831xsQnShXSTZQ/edit?usp=sharing](https://docs.google.com/presentation/d/1f6T4SiE44QwDoK2Dcr9ab_vHS-B1j831xsQnShXSTZQ/edit?usp=sharing)