

MANIFESTO
Institute Web and Coding Secretary 2020-21
Latika Patel
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I, Latika Patel, intend to apply for the post of Institute Web and Coding Secretary.
If elected, I intend to do the following -

Vision

As the secretary I wish to bridge the gap between beginners and seniors by providing various opportunities for them to come together and work towards the ultimate goal of community growth and learning. I wish to see WnCC as a platform which all coding enthusiasts can associate with.

Initiatives

Hands-On Workshops

- Conduct a series of workshops starting with an introduction followed by a Hands-On session.
- Cover simple but interesting examples like Web scraping, APIs and Timetable generator.

Advanced Topics

- Invite **Profs** or seniors to take introductory sessions on topics like Machine Learning, Cloud Computing, Computer Vision, Image Processing aimed to pique the interest of students.
- Organise a workshop to introduce students to python libraries like TensorFlow, Pytorch etc.

DevCom

- Organise the structure for DevCom, recruit freshies who will work under Project Leads on projects related to the institute. Work with DevCom to discuss ideas for future projects to be undertaken by them and handle other logistic requirements as needed by them.
- Encourage DevCom and tty13 members to participate in Hackathons for shared learning.

Web/App Development

- Conduct an Android/React Native App making Workshop followed by a Hackathon.
- Organise a website development workshop to teach the basics of HTML, CSS and Javascript

Hackathons

- Promote other Hackathons conducted like InOut through online posts from our social media handles and organise an informal session for students with past hackathon participants.

Miscellaneous

- **"Getting Started with Coding"** - An Introductory session on how to pursue coding in insti where seniors will be invited to share their experience followed by an informal Q/A session.
- Conduct atleast one GC per semester. **Machine Learning GC** and Competitive Coding GC. Host ML GC on Kaggle and CC GC on Codeforces.
- Reviving **RattleSnake**- Gamify the experience by conducting it as a competition with increasing levels of difficulty of tasks aimed at introducing the participants to different python libraries.
- **WnCCC** - Ensure frequent sessions in H15 mess on topics like jekyll, terminal, servers etc.
- Conduct workshop on **Matlab** and **LaTeX** in the beginning of odd semester targeting sophies.
- **Website Revamp** - Work with the conveners in the summer break to redevelop the website.
- Publicise the wiki articles with "Article of the Week" posts on Facebook and Instagram pages.
- Plan a **visit** for the students to the HPC Supercomputer facility in the CC Department.
- Prepone the Seasons of Code timeline and conduct a session for releasing SoC Projects.

Credentials

- Convener, Web and Coding Club, IIT Bombay

[April '19- Present]