

Manifesto for the post of Technical Affairs Secretary, Alakananda Hostel

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AGENDA

- **Guide and motivate 2nd years**, introduce them to all the tech events and provide opportunities to them for developing their interest in Institute tech activities.
- **Maintain Alak's top ranking in Tech-Soc** and increase the participation of hostel members in intra-hostel as well as inter-hostel technical activities, Shaastra and CFI.
- To provide every tech enthujunta of our hostel with the required facilities and equipments.
- To manage and maintain the tech room.
- Ultimately, win the **Tech-Soc championship for Alakananda Hostel**, again.

TECH-SOC PLAN

- **Freshie orientation:**
 - **Fundae Sessions and Videos** regarding Tech-Soc and Shaastra events like Robotics, Fire n Ice, HTW, etc will be shown.
 - A **Tech Brochure**, containing information about Tech-Soc events and other tech opportunities available in Insti, will be distributed to all 2nd years during the orientation.
 - To increase participation, **Intra hostel events** like **Inter-Wing RC Car**, HTW Quiz, Tech Meetings and other such events will be organised.
 - Regular Fundae sessions and tutorials for **softwares** like Solidworks, Matlab, Eclipse, Eagle etc. will be given to 2nd years.
 - **Previous year's projects and new equipments, like omni-directional wheels, etc., which are being used by CFI will be displayed.**
- **Tech-Soc and Support**
 - Brain-storming and preparation for the events will start as soon as the PS is released.
 - Proper practise before events will be ensured.
 - Regular meetings will be held with the 2nd years, to increase their involvement in hostel tech activities.
 - Google group and Hostel website will be updated for information and tech related articles.

INITIATIVES

- Maintaining a separate **Tech-Board** on which regular updates about the Tech-Soc, Points Tally, Tech-Soc calendar and PS will be put up.
- A **Hostel Tech Project** will be introduced to the upcoming freshies, in which they will have to design a technical solution to a common hostel problem or, for example, device a prototype for saving electricity in hostel.
- Intra-hostel **online coding contest** will be organised and prize money will be given.
- **Android And Windows App development** tutorials and fundae sessions will be given and groups will be formed to implement the same.
- **An Idea portal** will be made in which people can update their views and ideas for a Tech-Soc Event's Problem Statement.
- Every week, a **tech related article** will be put up on the Tech-Board.
- Two **Tech-Soc Weekends** will be organized one in even semester and other in odd semester with events like Manual Robotics, Quizzing, Cross word puzzle solving, Android gaming, App development, etc.
- A **kit of basic tools** will be provided to the security guard for hostellers.
- **Pre-Shaastra Projects** will be taken up and Fundae sessions will be given during winters.
- A **Shaastra participation team** will be formed, a month before Shaastra.
- **Media content**, like photographs of participants, of Tech Soc events will be put up on the Tech-board and videos will be shared in Google group.
- **"Alak tech"** Google group will be revived and all the hostel members will be added to it.
- All the 2nd years will be informed well in advance for the upcoming Tech Soc events.
- **Incentives** will be given to teams winning in Shaastra.

TECH ROOM

- A separate Cupboard with drawers will be arranged for efficient safekeeping of tools and other equipments.
- Most required electronic items will be bought and kept in a separate space in the above mentioned cupboard.
- A list of all the items that are required for tech work and the shops in Chennai where they're normally available will be maintained.
- Cleanliness of tech room and maintenance of ACs will always be ensured.
- **Tech Magazines** like WIRED, Digit, etc and **Reference material** for C, Android, Python, etc will be made available in Tech room for reading.
- Tech room will be made available to all hostel junta 24x7.

CREDENTIALS

- Head Tech Volunteer 2014-15, Alakananda Hostel
- Auto Club Coordinator
- Facilities Coordinator, Shaastra 2015
- Member of Hostel Tech-Soc team for Manual robotics, Robo-Oceana, Fire n Ice and Autonomous robotics.