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# Sunny Shankar Mane

Nominee for  
Science and Technology Secretary



Indian Institute of Technology  
Hyderabad

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# My Credentials :



- 3rd year student , Materials Science and Metallurgical Engineering.
- **Core member** of the team **IITH Racing** 2019-2020.
- **Core member** of the **Robotics Clubs** IIT Hyderabad 2019-2020.
- Part of the team **Inter IIT Tech meet** 2019.
- Core member of the team **Robowars** for year 2019-2020.
- Core member of **Infocus** : The photography club of IIT Hyderabad 2019-2020.
- **Class Representative** for MSME18 batch consecutively **for 2 years** , 2018-2019 , 2019-2020 .



# My Preliminary duties :



- ❑ I shall promote and address Science & Technology activities regarding
  - Summer Undergraduate Research Fellowship
  - Technical Clubs
  - Do-it-yourself Hobby Workshop
  - Challenge Lecture Series, a Science & Technology Extra-Mural events.
- ❑ I shall plan schedule of scitech activities with budgetary requirement  
On discussion with coordinators and present to the president.
- ❑ I shall consult Faculty Advisor and work with the Student Activities Coordinator of the Institute on all matters related to science and technology activities of the students.





- ❑ I shall ensure the smooth functioning of each and every club by conducting regular meetings.
- ❑ I shall provide support to the Institute on all matters related to science and technology activities.
- ❑ I shall ensure that the semester budget is sanctioned within the required time.
- ❑ I shall coordinate the science and technology activities related to Inter-Collegiate events and corporate events.
- ❑ I shall help the overall coordinator of GC Milan to organize technical events.
- ❑ I shall select a contingent leader for the Inter IIT Techmeet.



# Agenda



## ❏ Scitech Clubs :

### 1) Increasing Participation :

Higher flexibility in choosing projects to increase participation.

Organising more frequent showcasing events for projects.

Regularly undertaking projects useful to the IITH community to elevate interest of the community in Sci-Tech clubs. Some possibilities could be – **Sugar dispenser** at Shiru cafe ,**Token dispenser** in the mess etc.

Organizing more inclusive events like Aero-Show , CTF, talks.

Specific events for various sections of IITH fraternity.

### 2) Proper Functioning of the clubs :

Monitoring sessions held by clubs.

Providing Budgets on time.

Keeping informal meetings with coordinators(asking club report on monthly basis)

Encouraging them towards long-term projects.

Getting recognition by Institute for the best projects and display them on website with proper documentation.



### 3)Increasing PG participation in clubs :

- Orientations specific to PG students and possibilities of special roles for PG students.
- By organising review sessions by PG students, for the ongoing projects of various clubs
- Clubs based on basic sciences (MSc, PhD) can be established after accounting for its feasibility.

### 4)Faculty advisor for each club

### 5)Functioning of clubs in lockdown :

Try for online club sessions after working out issues related to feasibility.

### 6)Club-Industry collaboration

#### ❑ Scitech Website and Social media :

Maintaining and updating website on regular basis with latest of scitech events.

Displaying the best projects on website.

Short videos of projects with documentation.

Videos(Aftermovie) of scitech events like Scitech expo , Aero -Show on youtube

#### ❑ Planning of Budgets :

Ensuring budget gets approved on time , dividing budget based on various events for two semesters individually , considering Techmeet.

Ensuring clubs are using budgets properly and wisely and monitoring progress.



- ❑ Organizing webinar/lecture series by recognized speaker/educator.
- ❑ Preparation and Planning of Inter IIT Tech Meet :

Organising sessions where last year's team can share their valuable experience.  
Preparing teams as problem statements are released and monitor their work, ask faculties for help if needed.

- ❑ Scitech week :

Organizing a week full of scitech events , scitech competitions and tech talks.  
At the end of scitech week , a expo of best projects made by clubs.

- ❑ Organizing Tech GC Milan :

Planning of Tech GC properly , organising many engaging events with the help of various Clubs.

- ❑ Transparency :

Transparency on all matters related to scitech clubs.

**Creating a portal for Reimbursement**, where students can upload their bills and Coordinators or scitech secretary can upload proof of reimbursement.

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## ❑ Industry Exposure for students :

Arranging Hackathons , talks for students in collaboration with Industry.  
**Arranging Fields visits.**



## ❑ Collaboration with local vendors/online vendors for electronic components.

## ❑ Scitech Room :

Push for a bigger room for arranging club meetings , for storing components.  
and arranging scitech council meetings , clubs meetings.  
Keeping room organized , arranging a new closets to ensure no harm is done to projects.

## ❑ Inventory Management





## ❑ Alumni :

Creating an advisory team where all the interested previous Scitech secretary can share their ideas , advices for clubs.

Extending involvements of Alumni in terms of funds , industrial experience , Innovative ideas , guidance for projects.

## ❑ New clubs :

Try to establish a club based on science like **chemistry , biotech , nano science** by reviewing all the possibilities.

Try to establish a club related to **Finance , Business and Analytics**.

## ❑ Participation in national level competitions Smart India Hackathon, Robocon :

Establish a team for RoboCon with proper planning.

Try to get academic relaxations for the students participating through scitech in Competitions .

Support for students participating in competitions like SIH, RoboCon etc.



- ❑ Listing of all the facilities available on the campus which might help Students working on the project.



- ❑ Inter College Tech Competition :

Improve collaboration with IIIT Hyderabad and BITS Hyderabad.

- ❑ Documentation





I see every vote that I am entrusted with as a responsibility and if chosen, I shall work to the best of my abilities in fulfilling that responsibility.





Thank you !

