



# STUDENTS' GYMKHANA ELECTIONS

## Year 2018-19

Indian Institute of Technology, Guwahati

File Ref: IITG/SAC/GYM18/Elections/Nominations/

### Nomination Form

Post contesting for: General Secretary, SWC

#### **Candidate details:**

Name: Tushar Yadav

Roll No.:160104073

CPI: 8.16

Backlogs: Nil

Email Id: tusharyadav@iitg.ernet.in

Hostel: Brahmaputra

Dept. /Branch: B.Tech/Civil  
Engineering

Semester: 4

Active Backlogs (if any):Nil

Contact No.: 9435685762

Room No.: F-054

Signature with date:

#### **Proposed by:**

Name: Gaurav Aggarwal

Roll No.:164102081

CPI: 8.9

Email Id: [gaurav745@iitg.ernet.in](mailto:gaurav745@iitg.ernet.in)

Hostel: Brahmaputra

Dept. /Branch: M.Tech/EEE  
Engineering

Semester: 4

Contact No.: 9599379420

Room No.: T-222

Signature with date:

#### **Seconded by:**

Name: Parth Gorakhiya

Roll No.: 164102105

CPI: 8.03

Email Id: parth.gorakhiya@iitg.ernet.in

Hostel: Brahmaputra

Dept. /Branch: M.Tech/EEE

Semester: 4

Contact No.: 8638310118

Room No.: T-223



# STUDENTS' GYMKHANA ELECTIONS

## Year 2018-19

Indian Institute of Technology, Guwahati

File Ref: IITG/SAC/GYM18/Elections/Agenda/

### Agendas and Declaration Form

Post contesting for: General Secretary, SWC

Name: Tushar Yadav

Nick Name.:

Tagline (Punch line): Let's make the Campus Digital one.

Photograph

**Agendas:**

Extra sheets may be attached if needed.

## AGENDA

# WEB DEVELOPMENT:

## **Agenda 1:** Automatic mess bill calculation of HAB.

**Proposal:** Automation of mess bill including calculation and communicating on Students portal.

### **Plan of Action:**

1. Mess preference portal is already up and running so we get subscribed hostel list information for each student.
2. Mess Leave portal is under development.
3. Using these two we can get the total number of days a student had ate in the mess.
4. As the per day calculation is fixed and can be setup by the HAB, so mess bill can be calculated easily for each student.
5. It will save the lot of work of caretakers and the dissimulation of information of mess bill will be on time.

## **Agenda 2:** Automation of payment for various HAB utilities in the HAB portal like temporary room allocation, mess bill readjustments.

**Proposal:** Adding a utility to existing HAB portal where the payment to and from HAB can be made online.

### **Plan of Action:**

1. Since, mess bill will be calculated automatically, so the amount to be paid or collected can be settled using any payment gateway.
2. Rooms can be allotted online after getting approval and online payment on HAB portal.
3. Online Inventory of all materials and services available in all hostels.

**Agenda 3:** Listing of all the committees and subcommittee and minutes of their work under HAB and Gymkhana on their respective sites.

**Plan of Action:**

1. SWC will give facility to upload all the relevant contracts on their respective web portal.
2. SWC will give facility to upload the list of all committees and sub committees and their scope of work, meeting minutes and their work progress.

**Agenda 4:** New SWC website

**Proposal:** Creation of a new website of SWC.

**Plan of Action:**

1. To showcase work and activities of SWC.
2. To make SWC and its working more transparent to the general user.
3. To showcase the list of present and past associated members.
4. Experiences of the past internships will be showcased
5. Feedback from the IITG Junta to enhance the working of SWC.

**Agenda 5:** Creating new website for the security section and helping in automation of security

**Proposal:** Security plays the key role in the life of IITG community and yet they do not get the enough support and there is a no means of real time communication to them.

**Possible Solution:** Creation of a new website for security section and also help them using technology at IITG gates.

**Plan of Action:**

1. Will meet the security section and will do their requirement analysis.

2. Conduct a survey from IITG Junta to understand their expectations and requirements from security.
3. Then we will create a website which will do the following.
  - a. Publish all the rules, regulations and security contracts.
  - b. Mechanism for the IITG Junta to communicate to security section for any issues.
  - c. Displaying the details of security personal.
4. Creating website support for security to record the in-out details using the RF-ID card and face detection technology.

## **Agenda 6:** Giving support to the campus community for the web development and the hosting facility

**Proposal:** Due to the lack of coordination between developers and the other stakeholders, they have to outsource the web development and deployment task.

### **Plan of Action:**

1. Making a large pool of skilled developers ready for fulfilling their requirements on short notice.
2. Will give hosting support for the development, deployment and running a website.
3. SWC will also provide the support of python, Linux, Django and SSH support in the hosting space.

## **Agenda 7:** Giving web support to the campus start-ups

**Proposal:** During incubation period funding is the main issue, so they don't have ample amount for web development. On the other hand web is a very crucial for their expansion.

### **Plan of Action:**

1. We will already have the pool of skilled web-developers and web-designers through proper training and the workshop.
2. As these web-developers need credit, so we will try to compensate the monetary benefits with the credit and if start up can pay than will take money from them.
3. Will also provide the end-user feedback and analysis which can be used by them for promoting their business.

## **Agenda 8:** Website for Inter IIT Sports Meet and Silver jubilee of IITG

**Proposal:** As IITG will be hosting Inter IIT sports meet on its Silver Jubilee, will host a website for all the events and updates.

### **Plan of Action:**

1. IITG travel, accommodation information will be provided on the website.
2. Live updates of all the events will be shown on website.
3. Emergency team contact number and details will also be given.

## **Agenda 9:** Listing the referential website for each of the IIT courses

### **Plan of Action:**

1. For each of the running courses of IITG, Will take a survey of external website from the campus students and alumnus.
2. Will rank the external website for each courses according to survey and an editorial team.
3. Will display this list on SWC website.
4. Will also provide the mechanism to add the external link for a given courses or add the feedback about the external resources.
5. In this way, this list will be dynamic and automatically updated.

## **Agenda 10:** Automation of Sports Board

### **Plan of Action:**

1. Online inventory of all the sports club on the website.
2. List and experiences of all the Inter IIT players.
3. Feedback of all the sportsman.
4. Gallery of all the achievements will be displayed on website.
5. Details of expenditure of Sports Board Budget will be displayed on its website for each semester.

# Reconstructing and expansion of SWC team

## **Agenda 1:** Formation of new team for Campus Wiki

**Proposal:** Campus Wiki is a platform to showcase all the facilities and utilities of IIT Campus.

### **Plan of action:**

1. Will form a new dedicated team for Campus Wiki comprising of coders, editors and reviewers.
2. Will regularly update all the sections, departments, hostels and other campus facilities.
3. Will also update the all new upcoming facilities in the website.

## **Agenda 2:** Campus Information System team development

### **Plan of Action:**

1. Will form a strong dedicated team.
2. Will create a local search engine on all the campus minutes, contracts and every document related matters.
3. Will create a live G-Sec meter where all the executives will be accountable to their agendas and they will get sufficient time and motivation for completion of their promised tasks.

## **Agenda 3:** Creating new POR's for WebOpp Team

### **Plan of Action:**

1. Will call for the web developers at the regular interval and will groom them through proper training and exercises.
2. Will create new POR's like WebOpp Head, Design and Creative Head, security head, etc. to lead various operations of SWC.

## **Agenda 4:** Finalizing constitution and structure of SWC and its alias.

### Plan of Action:

1. Will review the previous constitution and will get approved by the respective authorities.

## **Miscellaneous**

## **Agenda 1:** Setting up of a new lab for conducting all SWC work

**Proposal:** Will setup a dedicated and creative lab for various SWC activities.

### Plan of Action:

1. The structure of lab will comprise of a ideation and meeting room, technical room, enough space for activities and suitable interior for healthy working atmosphere.
2. SWC is a fastly growing board and it has to do lot of development for campus utilities and thus need a dedicated working atmosphere.
3. Interns can sit and work there.

## **Agenda 2:** Conducting workshops and lectures for IITG students

### Plan of Action:

1. Fresher's have lot of interest in web development activities but not everyone can get their desired branch so SWC will conduct various workshops and lectures to motivate them and groom them to acquire required skill set and experience.
2. Will buy few online lectures and courses and will train them through online and offline courses.
3. Will conduct workshops like:



Python Workshop

Django Workshop

- a. Basic Of Django
- b. Coding ART
- c. Development to Deployment
- d. Database Essentials : Optimal Database design
- e. Design of Website and Filtering the User Requirements
- f. Optimization issues : Space vs time

**Experiences (Credentials if any):**

1. Acting Cultural Secretary of Brahmaputra Hostel.
  - a. Lead a team of 1000 boarders to participate in Manthan in all events for the first time in history of Brahmaputra Hostel.
2. Associate at ACE 02(Association of Civil Engineers).
3. Team member at SWC(2017-18).
4. Winter intern at SWC.
5. Participated in Kriti and Spardha.

Extra sheets may be attached if needed.

**Declaration by the candidate:**

I hereby declare that the above information is to the best of my knowledge. I do not have any disciplinary probation by the Institute and will abide by the rules and regulations laid for Gymkhana Election. I do not have any active backlogs to be cleared.

I know that any false information in this nomination form will lead to cancellation of my nomination and disciplinary action.

Signature of candidate with date:

Signature of CEO