



Science and Technology

Proposal for the restructured council

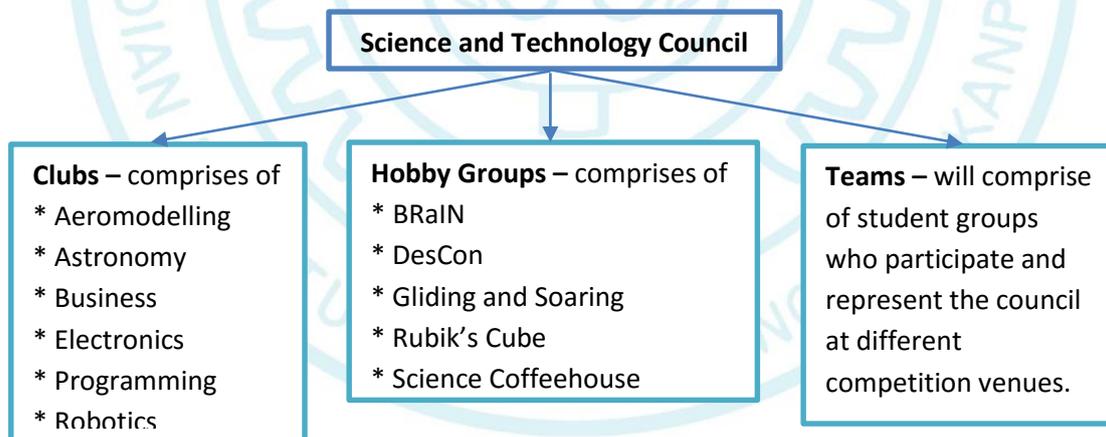
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At present, Science and Technology Council comprises of clubs and hobby groups in multiple domains that covers major technology fields important for amateur level technical development and research work. Apart from various internal activities and competitions, the council actively participates in national and international competitions organised by recognized organizations like SAE, NIOT, AUVSI and etc.

Over the years, there have been multiple groups of students (including both undergraduate and postgraduate students) established under the council which regularly participate in particular competitions. They receive fund support from institute under various project accounts. Now, the major problem faced by the general secretary (and the executives) is to ensure proper accountability for funds and finances, the resources, and maintaining the bills record. Also under the current structure they are recognized as a hobby group under students' gymkhana, which actually is not appropriate as per their functioning and responsibilities. Some of the teams have been very regular and active for almost a decade which clearly justifies the need for permanent stature.

Hence, to incorporate the (competition) teams under council (and under the Students' Gymkhana) it is necessary to restructure the council.

Proposed structure:



Unlike the existing entities under the councils of the gymkhana i.e. clubs and hobby groups, a team will focus only on proceedings for the respective competition. They cannot be expected to organise general purpose events like workshops, lectures, introductory sessions and etc. However, the new recruited teams always benefit through the incubation process where knowledge and technical transfer take place. Also campus people get to see their work at the exhibitions, official launch of the participating prototypes and after the conclusion of events. The teams will be at par with clubs and hobby groups, and expected to contribute towards council through external participation and bringing back glories.



Purpose behind the proposal:

- In all the technological councils of other institutes the teams exist in the form of societies.
- For each term, new teams are recruited through some technical test or interviews (similar practice is followed under the Science and Technology Council, IITK).
- This structure will benefit while forwarding the proposals to institute, which in our case goes through Dean, Research and Development or Dean, Resources and Alumni. Here we can present the team as a permanent entity under the council with respective faculty advisor, working space and team representatives (captain/leader).
- Proper accountability of resources (hardware or electronics) would be ensured. Generally teams use advanced components which could be used in one or other projects under different clubs.
- Teams and their leaders will receive better recognition under gymkhana, encouraging them to contribute more towards council.
- Students will get to know about the working and status of the teams through the reports (Mid and End term) submitted along with the council reports in the students' senate.

Working of this structure: For the term 2015-16 the existing teams have received funds through various funding sources. A proposal to start an independent project account under the Dean, Research and Development has been sent and this will ensure all the external funding to council is done through single account. So in future following will be the procedure:

- Teams of the council will remain dynamic since not all participate every year, but only those representing institute at certain competitions will be included.
- In the beginning of term, in case of a regular team, the general secretary will recommend the team for ratification in the students' senate and then call for nominations of the team leader/captain (who will be later ratified similar to the core team members).
- For the newly formed teams, they will have to initiate as a project under the council over a fixed duration (say, 12 – 18 months based on the complexity) and will be funded through the above mentioned project account.
- After successful completion, they will undergo an evaluation by a committee constituted by the general secretary.
- On recommendations of the students' committee, the proposal will be forwarded to the institute evaluation committee chaired by Dean, Research and Development. If the team gets fund approval then only they could be recognized as a team under the council.
- The team stature will purely depend on its continuation, the funding status and its regularity in maintaining proper records of finances and resources (else it can be defunct).

If in future the council gets an innovation hub, then there will be separate working spaces based on technical fields. All the relevant groups will have to work and utilise resources together, like robotics and robocon, AUV and other marine based projects, aeromodelling and pushpak, and etc.



Identification under students' gymkhana:

- A team shall be a group of students who will work together to take part in a recognized competition.
- Team leaders/captains/coordinators will be ratified through students' senate similar to rest of the core team members.
- Teams won't be allowed to use gymkhana funds in any form, pertaining to any sort of expenses in their participation.
- Teams will be expected to report to the students' senate in form of mid-term and end-term.
- The finance committee will be informed about the funding of the teams and all its reports will include them along with SnT Council budget.

