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National Fusion Programme

Contact Meeting For Popularizing Activities Of The National Fusion Programme

Aim & Scope : The need to popularize and sensitize the scientific community in India regarding the opportunities in R&D in the areas of Plasma & Fusion Science & Technology and allied areas was mooted in 2008, had since then, a series of contact meetings were proposed to be held at various regional locations in the country. The meetings aim to get together faculty of University/Colleges/Institutes of a specific region and introduce them to the NFP and its various programmes. In the future, this will also help to set up nodal / regional centers of NFP to facilitate easier coordination of its activities on a national scale.

Regions to be Identified : One institute in a region and a member(s) of faculty who can act as the coordinator(s) for NFP activities in that region.

Institutions to be covered : University centers, colleges & Institutes (science & engineering, autonomous and affiliated), and other academic institutions wherein, faculty are interested in taking up active R&D projects in plasma & fusion related, and allied areas.

Role of the Regional Coordinator :

1. Identifying universities / institutes/ technical colleges and faculties therein who are willing to take up NFP related R&D projects (Theory/experiment/simulation) with funding from BRNS.
2. Generating and maintaining a databank of such faculty (contact address/email/ area of expertise / current research status etc.
3. Addressing NFP related queries in their region and liaison with NFP.
4. Organizing meetings on for NFP related topics.

Organizing the contact meeting :

1. Identification of a region / institute / co-coordinator.
2. Deciding on a convenient location in their region and dates to organize the meeting.
3. Submit detailed budget for organizing the meeting to NFP.
4. Once approved by NFP, the coordinator has to apply to BRNS for funds.
5. Generation and distribution of relevant documents required for the meeting.
6. Generation of database of participating faculty. Typically around 30-40 participants are expected to attend the meeting. These participants must show active interest in taking up collaborative R&D projects with IPR.
7. Organization of the meeting and follow-up action.

8. Submission of a report on the meeting to NFP.
9. Routing of R&D project proposals from that region to NFP and its follow-up.

Details of the meeting :

1. Duration of meeting: Typically **Two Days**.
2. Talks: Five or Six extended scientific talks followed by extended interaction with participants.

➤ **DAY ONE -**

Scientific Part: Five or Six talks of ~ 45 + 15 min duration each which will cover the scientific & engineering aspects of NFP requirements and opportunities in R&D in the areas of plasma & fusion science & Technology.

➤ **DAY TWO -**

Funding Part: One talk of 45 + 15 min duration on details of various NFP activities, details on how to apply for R&D project funding, funding/review processes etc. and will answer funding related questions.

Interaction Part: Detailed interaction with the participants on scientific as well as other details regarding BRFST R&D projects and funding. Participants, after discussions amongst themselves and the BRFST team can present their proposal ideas and the NFP team will assist them to (1) Modify or possibly reorient the objectives of their proposal to suit the NFP, (2) Put them in contact with an expert who is currently working in the area of their research interest.

- Coordinator can budget for organizational costs as well as limited TA (AC3T/Bus) for participants from their area (within overnight travel distances).
- TA/accommodation for the NFP team members will be taken care of by NFP.
- It would be desirable that the coordinator also obtains some amount of funds and infrastructural support from his/her host institution/other sources to organize this meeting.
- Coordinator may get in touch with NFP for any further information regarding the organization of the meeting.

Contact

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