Indian Institute of Technology Gandhinagar

Guidelines for Personal Visit of Faculty Candidates

IITGN receives a large number of applications for faculty positions. After rigorous internal review, we invite only a small number of candidates for a personal visit. Listed below are some guidelines to help a candidate prepare for his/her visit to IITGN.

During the visit, a candidate must:

1. Plan on spending <u>two days</u> at the institute
2. Conduct a research session <u>and</u> a teaching session
3. Interact with faculty both within and outside his/her areas of interest

1. Guidelines for the Research Session

<u>Aim:</u> The research session must serve two primary purposes: first, it must provide a coherent picture of the candidate's past and ongoing research and second, it must provide details of the candidate's future research plans.

<u>Format:</u> The research session shall be divided into two parts, a <u>research seminar</u> and a <u>proposal session</u>. The research seminar will focus on the candidate's past and ongoing research. In the proposal session, the candidate shall present his/her short-term research plans and demonstrate the overall research vision. In particular, the candidate should present the first research proposal that he/she intends to submit as an independent principal investigator. The proposal should include all necessary details such as the background, goals and objectives, and approach/method. If applicable, resource requirements may also be included. The proposal session is expected to be an interactive session and the candidate may use the white board or presentation slides to present his/her research proposal.

<u>Audience:</u> The research seminar will be open to all faculty and students, while the proposal session will be open to faculty members only.

<u>Time Limit:</u> The research seminar must be planned for 45 minutes, while the proposal session can be planned for 30 minutes. The duration includes time for question-answer. There may be a refreshment break of 15 minutes between the research seminar and proposal session.

2. Guidelines for the Teaching Session

<u>Aim:</u> The teaching session is intended to serve as an indicator of the candidate's teaching abilities. <u>Note that the teaching session is not meant to be a filtered down version of the research seminar, but rather should be geared towards exposing students to the basic fundamentals in the topic chosen (see below). Also note that IIT Gandhinagar places great emphasis on the teaching session (along with the research seminar) when evaluating faculty candidates.</u>

Audience: The teaching session is attended primarily by undergraduate and/or postgraduate students. Some faculty members will also be present during this session. The session will be conducted in an actual classroom setting, and may be held during a live class otherwise taught by another instructor.

Time Limit: The teaching session must be planned for about 50 minutes. This duration includes time for question-answer.

Topic: The topic is decided in consultation with the candidate and the regular class instructor. The candidate's preference will be considered as long as it fits within the constraints of the class syllabus. It is advisable to choose a basic topic and introduce students to some fundamentals within that topic.

Teaching Aids: The candidate may structure the session in a way that he/she feels will be most effective. A whiteboard, document camera, projector, computer, etc. will be available.

3. Faculty Interactions

As part of the visit, a candidate will meet with a number of faculty both within and outside his/her area of interest. This will provide the candidate an opportunity to discuss his/her research, future plans, expectations and other interests in more details in an informal setting. This will also be an opportunity for the candidate to ask questions related to any aspect of an academic position at IIT Gandhinagar.

For any more information or clarification, please write to faculty.recruitment@iitgn.ac.in