

# INDIAN INSTITUTE OF TECHNOLOGY GANDHINAGAR

## Application Form for Summer Faculty Collaboration

Name of the Home Institution: \_\_\_\_\_

\_\_\_\_\_

Application for: \_\_\_\_\_

*Please indicate dates. (The Summer Break Period is 2<sup>nd</sup> May – 25<sup>th</sup> July)*

Qualifications: \_\_\_\_\_

Department (*Area of Interest*) : \_\_\_\_\_

A brief description of the project (Please give a more detailed description – of about 300 words – as an additional attachment.): \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

A brief description of your interests: \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

### A. Personal Data of the faculty applicant :

1) Name: \_\_\_\_\_  
(in block letters)      (*First Name*)                                      (*Middle Name*)                                      (*Last Name*)

2) Date of birth: \_\_\_\_\_ 3) City/Country of Birth: \_\_\_\_\_

4) Citizen of: \_\_\_\_\_

### B. Address of the faculty applicant :

i) Address for Correspondence: \_\_\_\_\_

Tel: \_\_\_\_\_ Fax: \_\_\_\_\_ E-mail: \_\_\_\_\_

AFFIX RECENT  
PASSPORT SIZE  
PHOTOGRAPH

ii) Address of the University/Department: \_\_\_\_\_  
\_\_\_\_\_

Tel: \_\_\_\_\_ Fax: \_\_\_\_\_ E-mail: \_\_\_\_\_

**C. Other Information :**

i) Languages Known: \_\_\_\_\_

ii) Special Requirements (if any): \_\_\_\_\_  
\_\_\_\_\_

Place: \_\_\_\_\_

Date: \_\_\_\_\_

(Signature of the Applicant)

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**D. Recommendation and Forwarding by Home Institution**

It is certified that the above mentioned is a full-time faculty member at our Institute/College/ University and she/he is recommended for summer collaborative work with Prof. \_\_\_\_\_ at IIT Gandhinagar.

\_\_\_\_\_  
Name of the Institute

\_\_\_\_\_  
Signature

\_\_\_\_\_  
Seal of College

\_\_\_\_\_  
Name of Forwarding Authority

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Enclosure Check List:

- Letter of Interest from a faculty at IIT Gandhinagar
- A one-page description of the project
- Others: \_\_\_\_\_

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**Mail the form to:**

The Professor in-charge, Academic Affairs  
Indian Institute of Technology Gandhinagar  
VGEC Complex, Chandkheda  
Ahmedabad, India - 382424

# INDIAN INSTITUTE OF TECHNOLOGY GANDHINAGAR

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## Letter of Interest for Summer Faculty Collaboration

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Dear Professor-in-Charge, Academic Affairs

I would like to invite \_\_\_\_\_ (*Name*) to IIT Gandhinagar for the summer of \_\_\_\_\_ (*Year*) to work on a collaborative project from \_\_\_\_\_ (*Beginning Date*), to \_\_\_\_\_ (*End Date*).

The proposed work involves (*Project Description*) \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Sincerely,

\_\_\_\_\_  
(*Signature*)

\_\_\_\_\_  
(*Date*)

\_\_\_\_\_  
(*Name of IIT Gandhinagar faculty host*)

# INDIAN INSTITUTE OF TECHNOLOGY GANDHINAGAR

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## Collaborative Projects

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**Project:** OpenSource High Fidelity Computational Engineering Initiative@IITGN

**Proposer:** Prof. Murali Damodaran

**Description:** Open source softwares such as *OpenFoam*, *FDS* and *CMAS* will be used to predict flowfields and pertinent flow and thermal parameters for the design and analysis of a number of problems such as multiphase flows in valves and pipes with a view of developing high fidelity valve sizing algorithms for the oil and gas industry, for supporting the thermal aspects in connection with the design of data centres to assess green computing practices, model the degree of pollution in the vicinity of Ahmedabad with a view of providing guidelines for improved environmental control. The aim of this project is to enhance the repository of FOSS (Free and Open Source Software) Initiative Cell of the Dept of Information Technology, Government of India through research funding.

**Project:** Developing a Program for Recording Oral Histories @IITGN

**Proposer:** Prof. Mukta Tripathy

**Description:** The recording and analysis of history happens most often from written texts and documents, and eventually produces historical material in the written format. This history then becomes the history of the literate, and the powerful, and for the consumption of the literate, and those who have access. Recording oral histories has become, over the last few decades, a means to access and disseminate the stories of illiterate and disempowered people. Oral histories, therefore, have the potential to become a powerful tool to bring forth the stories of marginalized people, and serve as a looking glass for the rest of society. The aim of this project is to setup infrastructure and training required for recording oral histories at IIT Gandhinagar. We seek faculty who are engaged in recording oral histories, or producing video documentaries and have the ability to guide us in that direction.