



पूर्व छात्र मामले और अंतरराष्ट्रीय संबंध कार्यालय
भारतीय प्रौद्योगिकी संस्थान, खड़गपुर
Office of Alumni Affairs & International Relations
Indian Institute of Technology, Kharagpur



Ref. No. 2196/2024/OIR

Date: 04/04/2024

Subject: Visit of Prof. Hirotaka Nakai from Japan under SGRIP Scheme 1.

With reference to the letter received from Prof. T S Datta from the Cryogenic Engineering Centre about the visit of Prof. Hirotaka Nakai from Japan whose visit had been approved by committee members under Spring 2023 call against SGRIP scheme 1 (SGR International faculty/expert outreach program).

As per the application, his visit could not be materialized because of not suitable mutual convenient date during December 2023 and now the Prof. Hirotaka Nakai wants to visit IIT Kharagpur tentatively during October 20-26, 2024 under the same scheme.

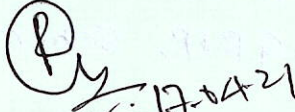
As per his application form his budget summary of expenses (which will be borne from the fund under SGRIP Scheme 1) for his visit are as follows:

1. Local Travel Support: INR 10,000/- (Max)
2. Local Hospitality/Accommodation: INR 17500 (for 7 days)
3. Honorarium: \$100 x 5 = \$500 equivalent to INR 40000/-
Total = INR 67,500/- (Max)

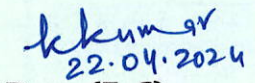
Submitted for kind consideration and necessary recommendation of the committee members for the visit of Prof. Hirotaka Nakai to IITKGP.

Enclosures:

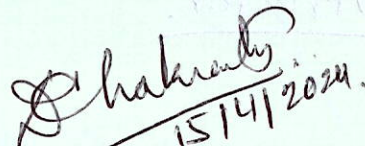
1. Letter from Prof. T S Datta
2. SGRIP Scheme 1 Application Form.
3. Earlier approval of the visit of Prof. Hirotaka Nakai.


Dean (FoEA)
Member

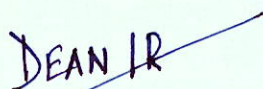

Dean (BTBS)
Member


Dean (FoS)
Member


Associate Dean (CE&T)
Member


Associate Dean (AA&IR)
Member

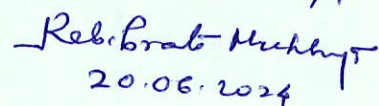

Dean (OR&AA)
Chairman


DEAN IR

20.06.2024

The date of Superannuation of Prof T. S. Datta may please be intimated to the undersigned in writing.


AR(CE)
S/E-I


Rebrato Mukherjee
20.06.2024

From Pre page

कुलसचिव कार्यालय
REGISTRAR'S OFFICE
सं./No 4242/70
IN 24 JUN 2024
OUT 25/6
भा प्रो सं खड़गपुर
IIT KHARAGPUR

As per O.O No. R/066/2023 dt 17-7-23,
Prof. T. S. Datta (Re-Tenre) has joined
the Institute on 17-07-2023 (or) for
a period of one year. (P/A)

drs
20/6/24

Embarked please

A.O. (E-I) 21/6/24

Registrar 25/06/24

Dean (R)

Head Cryogenics has nominated
Prof Tapas Kumar Nandi to act as
host (vide e-mail dated 02/07/2024,
printout attached). Therefore, the visit
of Prof Hirotsuka Nakai may be approved
under SGRIP, Scheme 1.

Rabirab Mukherjee
04.07.2024

Director

05/07/2024

निदेशक कार्यालय
DIRECTOR'S OFFICE
सं./NO 2941
05 July 2024
OUT
भा प्रो सं खड़गपुर
IIT KHARAGPUR

Zimbra

deanir@adm.iitkgp.ac.in

Re: Regarding the visit of Prof. Hirotaka Nakai under SGRIP Scheme 1

From : Head CryoGenic Centre <head@cryo.iitkgp.ac.in>

Tue, Jul 02, 2024 04:36 PM

Subject : Re: Regarding the visit of Prof. Hirotaka Nakai under SGRIP Scheme 1

📎 1 attachment

To : Dean, International Relations, IIT Kharagpur
<deanir@adm.iitkgp.ac.in>**Cc :** Dr. Tripti Sekhar Datta <tsdatta@cryo.iitkgp.ac.in>, venimadhav <venimadhav@cryo.iitkgp.ac.in>, rabibrata <rabibrata@che.iitkgp.ac.in>, director <director@adm.iitkgp.ac.in>, Ms. Koushiki Mukherjee <koushiki@adm.iitkgp.ac.in>, Office of International Relations <ir-office@adm.iitkgp.ac.in>, tkn_cryo <tkn_cryo@cryo.iitkgp.ac.in>

Prof. Tapas Kumar Nandi, Associate Professor of Cryogenic Engineering Centre, will act as the host for the visitor.

Submitted for your necessary actions please.
Head, Cryogenic Engineering Centre

----- Original Message -----

From: "Dean, International Relations, IIT Kharagpur"
<deanir@adm.iitkgp.ac.in>

To: "Head" <head@cryo.iitkgp.ac.in>

Cc: "Dr. Tripti Sekhar Datta" <tsdatta@cryo.iitkgp.ac.in>, "venimadhav" <venimadhav@cryo.iitkgp.ac.in>, "rabibrata" <rabibrata@che.iitkgp.ac.in>, "director" <director@adm.iitkgp.ac.in>, "Ms. Koushiki Mukherjee" <koushiki@adm.iitkgp.ac.in>, "Office of International Relations" <ir-office@adm.iitkgp.ac.in>

Sent: Monday, July 1, 2024 6:55:17 PM

Subject: Regarding the visit of Prof. Hirotaka Nakai under SGRIP Scheme 1

Dear Sir:

Please find the attached note.

Its related to the visit of Prof Hirotaka Nakai under SGRIP Scheme 1. Prof T. S. Datta is the host from IIT Kharagpur.

The visit is scheduled between 20-26 October 2024.

However, as per noting from the Registry, Prof T. S. Datta's tenure at IIT Kharagpur is officially ending on 17th July 2024.

IN this connection, it is felt that the HoC of Cryogenic Engineering Center

should act as the host for the visitor. Otherwise, in consultation with all faculty members, you may identify a faculty member of your Center, who can act as the host.

The file will be processed further based on your input, which I would request you to send by 3rd July 2024.

Kind regards

- Rabiabrata

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Rabiabrata Mukherjee
Dean, International Relations

Professor, Department of Chemical Engineering
IIT Kharagpur
personal mail: rabiabrata@che.iitkgp.ac.in

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 **2024 07 01 Note Regarding Prof T S Datta.pdf**
2 MB



भारतीय प्रौद्योगिकी संस्थान खड़गपुर
INDIAN INSTITUTE OF TECHNOLOGY KHARAGPUR

कार्यालय आदेश सं. / OFFICE ORDER No.: R/066/2023, DATED JULY 17, 2023

Prof. Tripti Sekhar Datta (EC : T0718) has joined the Institute on **July 17, 2023 (forenoon)** as Visiting Professor in the Cryogenic Engineering Centre on a consolidated remuneration of **Rs. 1,05,000/-** (Rupees one lakh five thousand only) per month after deduction of pension from previous employment with other benefits as per rules for a period of one (01) year from the date of joining.

Pay fixation order shall be issued separately by Establishment - I.


कुलसचिव/Registrar,

To
Prof. Tripti Sekhar Datta (EC : T0718)
Visiting Professor

Through : Head
Cryogenic Engineering Centre
Indian Institute of Technology Kharagpur

Copy to:

01. Dean, Outreach and Alumni Affairs
02. Associate Dean, Alumni Affairs
03. Head, Cryogenic Engineering Centre
04. Chairman, ERP Cell
05. Librarian, Central Library
06. Head, B. C. Roy Technology Hospital
07. Joint Registrar (Finance & Accounts)
08. Joint Registrar (Academic)
09. Joint Registrar (Audit)
10. Joint Registrar, E-III – *with a request to report to the next meeting of BOG*
11. Deputy Registrar (Stores & Purchase)
12. Deputy Registrar (Accounts)
13. Assistant Registrar (Estate)
14. Assistant Registrar (Accounts)
15. Assistant Registrar (E-I) – *with necessary papers & requesting to issue pay fixation order separately*
16. Senior Executive Engineer, Technology Telecom Centre
17. Secretary to Director
18. Secretary, Deputy Director's Office
19. Secretary, Registrar's Office
20. Head, Institute Information Cell
21. Office Order File

INDIAN INSTITUTE OF TECHNOLOGY, KHARAGPUR

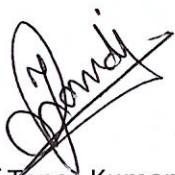
Cryogenic Engineering Centre

Kharagpur- 721302

Attached here is the application form under the SGRIP 2024 regarding a visit of International Faculty at Cryogenic Centre. You are well aware that we have established a MOU with KEK, Japan (One of the Prestigious Accelerator laboratories). Prof. Hirotaka Nakai is the Co-ordinator from Japan Side and you may be aware that with his own initiative, 10 Students from IIT Kharagpur could visit KEK Japan in December 2022 under Sakura Science Programme covering all expenditure by Japan Science and Technology. He is also trying for second Sakura Science Programme for IIT Kharagpur in 2024. He is positive about the approval for JST. Further, his proposed visit under the SGRIP was approved by your Division in 2023, but visit could not be materialized because of not suitable mutual convenient date prior to December 2023,

We certify that at present we don't have any other funding source to take care of the local hospitality, and honorarium during his proposed visit in October- November 2024.

Awaiting for the kind approval to plan his visit and lecture at Cryogenic Engineering Centre.



Prof Tapas Kumar Nandi

Date : March 20, 2024



Prof Tripti Sekhar Datta

Through, Head, Cryogenic Engineering Centre

Associate Dean, IR & R

21/03/2024
केन्द्राध्यक्ष / Head
परिचालन और प्रशिक्षण केन्द्र
Cryogenic Engineering Centre
भा प्रौ सं खड़गपुर/IIT Kharagpur

Office of International Relations IIT Kharagpur

Shri Gopal Rajgarhia International Programme (SGRIP)

APPLICATION FORM FOR SCHEMES 1 & 2

Name of the scheme (Please tick)	1. SGR International faculty/expert outreach program
Name, affiliation and address of the visitor:	Prof Hirotaka Nakai. Professor, Accelerator Laboratory High Energy Accelerator Research Organisation (KEK) 1-1 Oho. Tsukuba Ibaraki 305-0801. Japan
Host faculty and department/centre/ school:	Prof T K Nandi & Prof T S Datta Cryogenic Engineering Centre
Duration of visit with expected start and end dates:	7 Days . October 20- 26, 2024 (Tentative)
Justification for the visit: (200 words max)	Cryogenic Engineering Centre has established an MOU with KEK, Japan, through International Division of IIT Kharagpur since 2021. Prof. Hirotaka Nakai is the coordinator from KEK, Japan and head of Accelerator Cryogenics . In 2022, we had an online interactive lecture series(In the field of Cryogenic Engineering and Superconductivity) with three faculty that includes Prof Nakai-san from KEK, Japan. Prof. Hirotaka Nakai also established a visit of 10 students and a coordinator from IIT Kharagpur under Sakura Science Programme in December 2022. That was an excellent academic tour, which includes lectures, hands on training and visit to facility. The whole expenditure including air fare for all was covered by Japan Science & Technology and hoping to continue the same. He is also trying to repeat this Sakura Science programme for 2024 with IIT Kharagpur. KEK is the Asia's biggest Accelerator laboratory and pioneer of many advanced facilities. He will be giving lectures on cryogenics for accelerator including 2 K system. He is one of the leader on Accelerator Cryogenics in Asia. He is also a Member of International Cryogenic Engineering Committee and have experience of more than 30 years in this field.

<p>Justification for using SGRIP as the funding source: (100 words max)</p>	<p>As we have an MOU with KEK, through our International Division, he will be able get his travel support from Narita to Kolkata and back. We have to take care his local travel, accommodation and the honorarium etc. SGRIP will be right platform to take care of this minor expenditure. We don't have any other alternative support structure to meet this expenses . Thanks to International division to approve our earlier proposal (2023) but could not be materialized because of not suitable mutually convenient date prior to December 2023.</p>
<p>Detailed plan of activities : (500 words max)</p>	<p>He is planning to give a series of lectures related to Cryogenics for Particle Accelerator to our students and faculties .</p> <p>Lecture Module will be like this :</p> <ol style="list-style-type: none"> 1. Large Scale Cryogenics for Particle Accelerator that includes light source, proton and electron accelerator through superconducting Cavity and Magnet 2. Cryomodule and Heat transfer 3. 2 K Cryogenic System <p>He will be requested to deliver a special talk on</p> <ol style="list-style-type: none"> 1 . International Linear Collider 2. 2 K Heat exchanger and testing facility at KEK <p>He be also interacting with the students and faculties for a specific collaboration</p> <p>One of our Research Scholar is working on 2 K heat exchanger and plan to use KEK facility to have performance testing of 2 K heat changer. He will also have detailed discussion on this with the respective student and faculties</p>

Head-wise Budget summary (Refer to Tables 3 to 6 for eligible heads and caps)	1. Local Travel Support : Rs 10,000 (Max) 2. Local Hospitality /Accommodation : Rs 17500 (7 days) 3. Honorarium : \$100 x5 = \$500 : Rs 40000 Total comes about : Rs 67,500/-
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Please attach the following documents and ✓ check the corresponding boxes:

Letter from the visitor on letterhead showing his/her willingness to visit and partake in proposed activities during the specified period, including statement that he/she is not claiming the fund from any other source: Will be submitted	
Detailed budget justification including justification for any special financial assistance required (limit one page)	
Self-certification from host that (i) funding is not available from any other source. (ii) If funding becomes available from another source, it will be used first before claiming from SGRIP	
CV of the invited Faculty : will be submitted	

Signature of the host faculty with date:



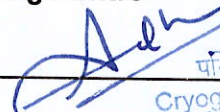
 21/03/2024.

Name : Prof T K Nandi & Prof T S Datta

Designation: Associate Professor/ Visiting Professor

Department/Centre/School: Cryogenic Engineering Centre

Forwarded by Head of Dept/Ctr/School

 21/03/2024
 केन्द्राध्यक्ष / Head
 परिसंरक्षण अभियंत्रिकी केंद्र
 Cryogenic Engineering Centre
 भा प्रो सं खड़गपुर/IIT Kharagpur

Please submit application in hard copy to Office of International Relations and email soft copy of the same to ir-office@adm.iitkgp.ac.in.

For Office use: Application no: _____ Date received: _____



INTER-UNIVERSITY RESEARCH INSTITUTE CORPORATION
HIGH ENERGY ACCELERATOR RESEARCH ORGANIZATION

1-1 Oho, Tsukuba
Ibaraki 305-0801 JAPAN
<http://www.kek.jp/en/>
TEL (+81)-29-864-5201
FAX (+81)-29-864-3182
E-Mail: hirotaka.nakai@kek.jp

Professor Tripti Sekhar Datta
Cryogenic Engineering Centre
Indian Institute of Technology Kharagpur
Kharagpur, West Midnapore,
West Bengal 721302 INDIA

LETTER OF CONCURRENCE

21 March, 2024

Dear Professor Tripti Sekhar Datta,

This is with reference to our discussion about my visit to your institute to deliver a series of lectures on cryogenics, cryomodule, 2K superfluid helium and 2K heat exchanger under the MOU between the High Energy Accelerator Research Organization (KEK), Japan, and the Indian Institute of Technology Kharagpur (IIT Kharagpur). I will be pleased to do that possibly in the month of October or November, 2024, for a week. Actual date will be decided based on mutual convenience. I will be able to manage travel support between Tokyo and Kolkata from my organization.

Sincerely yours,

A handwritten signature in black ink, reading '仲井 浩孝' (Nakai Hirotaka), is positioned above the printed name.

NAKAI Hirotaka, Ph.D.

Professor, Accelerator Laboratory, KEK

Professor, School of High Energy Accelerator Science, SOKENDAI (The Graduate University for Advanced Studies)

**Office of International Relations
Indian Institute of Technology Kharagpur**

Date: 05 July, 2023

Ref: Approval Letter: Application for inviting Prof. Hirotaka Nakai, Professor, Accelerator Laboratory High Energy Accelerator Research Organisation, Japan as **International Faculty** under **SGR International Faculty Outreach Program** facilitated by the **Office of International Relations, Dean OR & AA, IITKGP**.

Congratulations!

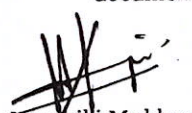
The proposal is **approved** with a **total budget of INR 68,495** by the Institute selection committee. Maximum approved amount under each head while keeping the total at **INR 68,495** according to SGRIP guidelines, is as follows:

Category	Upper Limit (INR)
Airfare	NA
Local Travel	10,000
Local Hospitality (Accommodation & Food)	2500 INR for 7 days= 17,500
Honorarium	USD 100 per day for 5 days or 40,995, whichever is lower
Contingency	NA

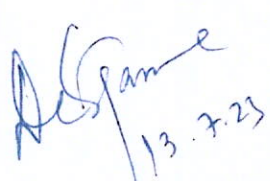
Please Note:

1. Tax will be deducted from the honorarium as per GoI rule.
2. IR Office will forward reimbursement claim documents for final payments as per Institute norms at actuals. The audit vetting will be done by Institute with your help as per norms.
3. Incomplete reimbursement applications will not be honored and will be sent back to the host faculty member.

All endorsed bills along with all required documents, as mentioned in the SGRIP guidelines for application, should be sent to the Office of IR, along with a one-page report and pictures for documentation, both in hard copy and soft copy formats.


Koushiki Mukherjee
IR Executive


Prof. Debashish Chakravarty
Associate Dean IR & R


Prof. Debjani Chakraborty
Dean, OR&AA

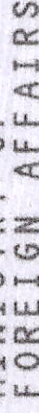
To
Prof. T.S. Datta & Prof. T.K. Nandi,
Cryogenic Engg. Centre,
IIT Kharagpur



日本

旅券番号/Passport No.

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INVITATION LETTER

Date: 01.08.2024

To:
Prof. Hirotaka Nakai
Accelerator Laboratory,
High Energy Accelerator Research Organisation (KEK)
1-1 Oho. Tsukuba, Ibaraki 305-0801, Japan.

Subject: Invitation to visit the Indian Institute of Technology Kharagpur during 20th – 26th October, 2024.

Dear Prof. Hirotaka Nakai,

IIT Kharagpur is pleased to invite you during 20th – 26th October, 2024 for giving lectures on Cryogenics for accelerator including 2 K system.

We have noted your passport details as follows:

Name: Hirotaka Nakai
Nationality: Japan
Country of present domicile: Japan
Passport number: TR8034991


Place of Issue of passport: MOFA
Issue date of passport: 13.04.2017
Expiry date of passport: 13.04.2027
Date of birth: 06.07.1960

We understand that all expenses related to your visit will be sponsored by IIT Kharagpur under the Shri Gopal Rajgarhia International faculty/expert outreach program. We encourage you to bring your own medical insurance during your visit. Prof. Tapas Kumar Nandi (tkn_cryo@cryo.iitkgp.ac.in) of our Institute will be the coordinator for your visit. We understand that you will receive an honorarium for the activities carried out at the Institute. We would be delighted if you accept our invitation and provide your travel plans to Prof. Tapas Kumar Nandi.

I look forward to your positive response. Please feel free to discuss all matters pertaining to your visit with Prof. Tapas Kumar Nandi.

With warm regards,

Sincerely,


01.08.2024
Prof. Rabibrata Mukherjee
Dean, International Relations
डॉ. रबिब्रता मुखर्जी
Dr. Rabibrata Mukherjee
संकायाध्यक्ष, अंतर्राष्ट्रीय संबंध
Dean, International Relation
भारतीय प्रौद्योगिकी संस्थान खड़गपुर
Indian Institute of Technology Kharagpur

CC:
(1) Office of Registrar, IIT Kharagpur
(2) Prof. Venimadhav Adyam – HoC of Cryogenic
(3) Prof. Tapas Kumar Nandi, Cryogenic

