



Office of Alumni Affairs & International Relations (AA&IR)
Indian Institute of Technology
Kharagpur – 721 302



REF: 2152/2024/OIR

Dated: 05.02.2024

NOTE

Sub: Approval for the visit of Dr. Terrance P Mernagh from Australia to take part in collaborative research under SPARC project at IITKGP during March 07-22, 2024.

Dr. Terrance Patrick Mernagh from Australia is scheduled to visit IIT Kharagpur during March 07-22, 2024 to take part in collaborative research under SPARC project.

The faculty coordinator of his visit is Prof. M.K. Panigrahi of Geology & Geophysics department (Flag-i). As per the document submitted it is understood that all expenses will be covered from the approved SPARC project fund (SPARC/2019-2020/P2001/SL; No. IIT/SRIC/GG/GHG/2023-2024/181) (Flag-ii & iii).

The supporting documents of the visit are enclosed.

This is placed for your kind consideration and approval of the said visit.

Encl.Flag: (i) Filled-up Ministry Clearance Form

(ii) Issuance of Visa Form

(iii) Approval copy (SPARC & SRIC)

(iv) Passport copy

Arup K. Roy
Junior IR- Executive

Sanjay B. Verma.
Junior Assistant

Shruti
07/02/24
Executive Officer

Minim
Assistant Registrar

Associate Dean AA&IR

Dean Outreach & AA

Director

'A' may be approved please
Shruti
7/2/2024

(A) approved

AL
10/02/2024



**Office of Alumni Affairs & International Relations
Indian Institute of Technology
Kharagpur-721302**

**FORM FOR MINISTRY CLEARANCE
GOVERNMENT OF INDIA
FOR VISIT OF FOREIGN NATIONALS TO
INDIAN INSTITUTE OF TECHNOLOGY KHARAGPUR, INDIA**

1	Name :	Terrance Patrick Mernagh
2	Nationality :	Australian
3	Date of birth :	25 March 1959
4	Place of birth :	Waratah, NSW, Australia
5	Number, Date & Place of Issue of Passport :	PA2771895 Canberra, Australia
6	Visa Number (if available)	N/A
7	Current residential address :	12 Jemalong Street, Duffy, ACT, 2611 Australia
8	Permanent residential address :	12 Jemalong Street, Duffy, ACT, 2611 Australia
9.	Profession :	Scientist
10.	Place of Employment:	Australian National University
11.	Academic Credentials:	PhD
12.	Purpose of visit:	Training and Research
13.	Period of visit:	08/03/2024 – 22/03/2024
14.	Email:	Terry.Mernagh@anu.edu.au
15.	Day time Phone:	+61415558040
16.	Address of Indian Embassy where you will be applying for your visa:	High Commission of india, Canberra, Australia
17.	Coordinator of your visit at IITKGP/Dept :	Professor Mruganka Kumar Panigrahi Department of Geology & Geophysics



**Office of Alumni Affairs & International Relations
Indian Institute of Technology
Kharagpur-721302**

Request for issuance of visa invitation letter to foreign citizens

Invitee details	
Name of the visitor:	TERRANCE PATRICK MERNAGH
Address and contact details:	Research School of Earth Sciences, Australian National University, CANBERRA Email: Terry.Mernagh@anu.edu.au ; Phone: 0061-02-6125-2109
Citizenship:	Australian
Date of birth:	25:03:1959
Organization:	Australian National University, Canberra
Details of visit	
Host Dept/School/ Centre/ Office:	Department of Geology and Geophysics
Activity to be undertaken at IITKGP:	Under SPARC project of collaborative research, Dr. Mernagh will deliver a few lectures to students and do field work at Malanjkhanda as per the stated objectives of the project.
Intended duration of stay at IITKGP :	7 th March, 2024 to 21 st March, 2024
Support provided by IITKGP (local travel, stay, food, honorarium, any other). Please give details of each type of support with funding source and proof:	Support to be provided as per the approved fund allocation for foreign PI and Co-PI. Dr. Mernagh is the Co-PI from the Australian side. (SRIC Project code: 6446)
Support provided by any other organization incl. personal resources. Please give details and proof:	None
Invited by	
Name, affiliation and signature of host:	Dr. M. K. PANIGRAHI, Professor, Department of Geology & Geophysics (PI of the project from Indian side)
Recommended by Registrar/ HoD/ HoS/ HoC/ Dean (as appropriate)	  विभागाध्यक्ष/Head भूविज्ञान एवं भूभौतिक विभाग Geology & Geophysics Dept. भा.प्र.सं., खड़गपुर-721302, भारत IIT Kharagpur-721302, INDIA

Please note: Govt. rules will be followed regarding issuance of visa invitation letters.



Scheme for Promotion of Academic and Research Collaboration

No.: SPARC/2019-2020/P2001/SL

Dt.: 14.08.2023

To

Prof. Mruganka Kumar Panigrahi,
Department of Geology and Geophysics,
Indian Institute of Technology Kharagpur,
India

Dear Sir/Madam,

Sub: Sanction letter of SPARC proposal

Based on the recommendation of the Apex Committee of SPARC, MoE has sanctioned the following project. The details are mentioned below

Project Code	: P2001
Proposal-Id	: 2001
Title	: Understanding hydrothermal systems associated with granitic magmatism - Insights from the Malanjkhand and Bundelkhand granites and implications to metallogeny
Indian PI	: Prof. Mruganka Kumar Panigrahi (Indian Institute of Technology Kharagpur)
Indian Co-PI(s)	: Prof. Jayanta Kumar Pati (University of Allahabad)
International PI	: Prof. John Ashby Mavrogenes (AUSTRALIAN NATIONAL UNIVERSITY (ANU))
International Co-PI(s)	: Dr. Terrence Patrick Mernagh (AUSTRALIAN NATIONAL UNIVERSITY (ANU))

Sanctioned Budget Details :

Budget Head	Sanctioned Amount (in INR)
Travel - International Faculty	38,54,519
Travel - International Scholar	2,00,000
Travel - Indian Scholar	5,74,532
Publication - Monograph	2,00,000
Workshop / Symposium	3,00,000
Overhead and Contingency	10,40,000
Total	61,69,051

The start date and the duration for the project are as follows

Start Date: 14.08.2023

Duration: 2 years

All procedures to be followed including expenditure will be as per SPARC norms.

As per rule 211 of GFR, the accounts of project shall be open for inspection by sanctioning authority/audit whenever the institute is called upon to do so.

The Institute has to maintain a separate account for each project.



SPONSORED RESEARCH & INDUSTRIAL CONSULTANCY
INDIAN INSTITUTE OF TECHNOLOGY, KHARAGPUR-721 302

No: IIT/SRIC/GG/GHG/2023-2024/181

Dated: 27-10-2023

The undersigned is directed to convey the approval of the DEAN(R&D) of this institute to the acceptance of the following research project. The Principal Investigator(s) and Co-Principal Investigator(s) are requested to submit the progress report periodically to the sponsor endorsing a copy to DEAN(SRIC) for record. All Final Technical Reports(FTR) have to be sent the sponsor on completion of the project along with a consolidated statement of account. A copy of the FTR should be given to SRIC Office record.

1. **Name of the Research Project** : Understanding hydrothermal systems associated with granitic magmatism - Insights from the Malanjkhand and Bundelkhand granites and implications to metallogeny (GHG)
2. **Name of the Sponsoring Agency** : Apex Committee of SPARC, MHRD, New Delhi
3. **Sanction Letter No & Date** : SPARC/2019-2020/P2001/SL , Dt. 14-08-2023
4. **Duration of the Project.** : 24.0 Months w.e.f. 26-09-2023 upto 25-09-2025
5. **Total Project Cost.** : Rs. 6169051.00
6. **Year-Wise Break-Up of grant(in Rupees)**

COMPONENT	1st Year	2nd Year	TOTAL
TRAVEL EXPENSE	2322000.00	2318875.00	4640875.00
OVERHEAD CHARGES	1028176.00	0.00	1028176.00
MISC. EXPENDITURE	250000.00	250000.00	500000.00
TOTAL	3600176.00	2568875.00	6169051.00

7. **Name of the Principal Investigator & Dept.** : Prof. Mruganka Kumar Panigrahi (95013) , Geology and Geophysics
8. **Name of the Dept / Centre / School where Research Project is to be Performed.** : Geology and Geophysics.
9. **Institute Approval Number.** : IIT/SRIC/GG/GHG/2023-2024/181
10. **Account Details.** : STATE BANK OF INDIA , A/C NO: 41089531251 , IFSC: SBIN0000202 , SPARC SUB

Joint Registrar(SRIC)

To:

1. Prof. Mruganka Kumar Panigrahi , Principal Investigator of the above Project.
Through: Head , Department of Geology and Geophysics , IIT Kharagpur.

Copy for Information to:

1. Head , Department of Geology and Geophysics , IIT Kharagpur.
2. DEAN(SRIC)
3. Assistant Registrar(SRIC)
4. Administrative Officer(SRIC)
5. E-Office File

* This is a computer-generated document. No signature is required.



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Type / Type

P

Code of Issuing / Code de l'Etat
State **AUS** émetteur

Name / Nom

MERNAGH

TERRANCE PATRICK

Nationality / Nationalité

AUSTRALIAN

Date of birth / Date de naissance

25 MAR 1959

Sex / Sexe

M

Date of issue / Date de délivrance

25 AUG 2015

Date of expiry / Date d'expiration

25 AUG 2025

Authority / Autorité

AUSTRALIA

DOCUMENT No.

PA2771895

Place of birth : Lieu de naissance

WARATAH

Notaire's signature : Signature du titulaire

Jerry Hennig

P<AUSMERNAGH<<TERRANCE<PATRICK<<<<<<<<<<<<<<<<

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