

FILE NO. ANRF/PAIR/2025/000015/PAIR-B
Anusandhan National Research Foundation (ANRF)
(A statutory body created by an Act of Parliament - ANRF Act, 2023)
Partnerships for Accelerated Innovation and Research (PAIR)

3rd and 4th Floor Block II Technology Bhavan
New Mehrauli Road
New Delhi 110016

Dated: 12 July, 2025

ORDER

Subject: Financial assistance for the PAIR Network titled "**A Multiversity Alliance on Health and Energy Through Engineered Biomolecular Systems**" by Dr. Hotha Srinivas, PROFESSOR (HAG), Indian Institute of Science Education and Research, Pune, Dr. Homi Bhabha Road supported under Category B for one year for collaborative activities

Sanction of Anusandhan National Research Foundation (ANRF) is hereby accorded to the above-mentioned project under **Partnerships for Accelerated Innovation and Research (PAIR)** (Category B) at **Indian Institute of Science Education and Research, Pune, Dr. Homi Bhabha Road** leadby, Dr. Hotha Srinivas, PROFESSOR (HAG), Indian Institute of Science Education and Research, Pune, Dr. Homi Bhabha Road, for an amount of Rs. 23000000/- (Rupees Two Crore Thirty Lakh Only) under Grants-in-aid General (Recurring head) for a duration of 1 year.

The details of institutions involved in the PAIR network are as follows. The list of Co-PIs involved in the project are given in Annexure I.

The details of institutions involved in the PAIR network are as follows:

S.No.	Hub Institution	Spoke Institutions
1	Indian Institute of Science Education and Research, Pune, Dr. Homi Bhabha Road Project Director: Dr. Hotha Srinivas, PROFESSOR (HAG), CHEMISTRY	1. Islamic University of Science & Technology University, 1-University Avenue, Awantipora PI: Dr. Aabid Hussain shalla, Associate Professor, Chemistry 2. Manipur University, Indo Myanmar Road, Canchipur PI: Dr. Raju Laishram, Assistant Professor, Chemistry 3. Mohan Lal Sukhadia University, University Rd, Ganapati Nagar PI: Dr. Siddharth Sharma, Assistant professor, Chemistry 4. North Maharashtra University, Kavayitri Bahinabai Chaudhari North Maharashtra University, P. O. Box No. 80, Umavi Nagar PI: Prof. Dipak Sharadrao Dalal, Professor Director, School of Chemical Sciences 5. Savitribai Phule Pune University, Ganeshkhind Road, Pune PI: Prof. Raju Nivarti Gacche, Senior Professor, Department of Biotechnology 6. University of Kashmir, Hazratbal, Srinagar PI: Prof. Aijaz A Dar, Professor, Physical Chemistry section Department of Chemistry

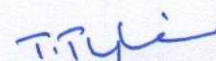
The following budget has been considered for Indian Institute of Science Education and Research, Pune, Dr. Homi Bhabha Road :

S. No	Head	Total (in Rs.)
A	Recurring Items	
1	Recurring - I (Consumables, Contingencies, Travel etc.)	20000000
2	Recurring - II (Overhead Charges)	3000000
A'	Total Cost (1+2)	23000000

2. The sanction order for the assignment of funds under recurring head will be issued separately. The project becomes operational from the day the first instalment of the grant is assigned to the institute.

3. Sanction of the grant is subject to the conditions as detailed in Terms & Conditions, as per Annexure-II. Failure to comply with the terms and conditions of the sanction order will entail withdrawal of assigned limits.

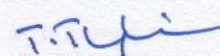
4. The assigned limits have to be utilised for the purpose, within the financial year. Financial year carry forward will not be allowed.
5. Any unutilized assignment will be withdrawn by ANRF.
6. The institute will furnish to the ANRF, utilization certificates (UC), financial year-wise for Recurring (Grants-in-aid General) and an audited statement of accounts pertaining to the grant immediately after the end of each financial year (as per 12 A of GFR 2017).
7. The institute will maintain separate audited accounts for the project.
8. Operational flexibility is provided to utilise the funds under the Recurring-I head, subject to the following conditions.
 - a. The assignment will be made to the Hub institution. There will not be downstream assignment to the spoke institutions from the Hub. Hub can utilise the sanctioned amount on collaborative activities as proposed in the Short Collaborative Proposal.
 - b. Only domestic travel is permitted.
9. As per rule 211 of GFR, the accounts of the project shall be open to inspection by the sanctioning authority/audit whenever the institute is called upon to do so.
10. The institutions shall not transfer the assignments to any other account nor divert the same to Fixed Deposits/ Flexi-Account/ Multi-Option Deposit Account/ Corporate Liquid Term Deposit (CLTD) account etc./in any manner whatsoever. The assignment released to the institute shall not be parked in any bank account of any other agency. Direct payments through PFMS to be made to vendors/suppliers.
11. The institute shall ensure the compliance of OM. No. 1/(18)/PFMS/FCD/2021 dated: 9th March 2022 and OM No. 3/(06)/PFMS/2023 dated 5th February 2024 of the Department of Expenditure, Ministry of Finance and subsequent directions issued thereafter.
12. Overhead expenses are meant for the host Institute towards the cost for providing infrastructural facilities and general administrative support etc.
13. The investigator/host institute must acknowledge the support provided to them in all publications and any other output emanating from the project/program funded by ANRF, along with the project file number ANRF/PAIR/2025/000015/PAIR-B.
14. The institute should ensure that the technical support/financial assistance provided by the ANRF should invariably be highlighted/acknowledged in the opening paragraphs of their Annual Report.
15. As and when required, separate governance guidelines will be released for the technical review and financial monitoring of the sanctioned projects as issued by ANRF.
16. Health, safety and environmental-related government norms, as issued from time to time and given at ANRF website, are required to be followed by all beneficiaries of the project, including PD and team involved. ANRF will not be accountable for any legal consequences of non-compliance with safety norms.
17. The PD is encouraged to actively showcase their projects on appropriate social media platforms to ensure greater visibility and public engagement. Regular updates, such as project milestones, publications, technical meetings, product development, and outreach efforts, should be disseminated through engaging content in the form of text, images, videos or infographics tagging @ANRFIndia, #ANRFIndia and the relevant program account. The content should uphold the organization integrity and sanctity.


(Dr. Thangaradjou T)
Scientist F

To,
DDO
ANRF, New Delhi

Copy forwarded for information and necessary action to:-

1.	The Principal Director of Audit, A.G.C.R. Building, IIIrd Floor I. P. Estate, Delhi 110002
2.	Sanction Folder, ANRF, New Delhi.
3.	File Copy
4.	Dr. Hotha Srinivas CHEMISTRY Indian Institute of Science Education and Research, Pune, Dr. Homi Bhabha Road Email: s.hotha@iiserpune.ac.in Mobile: 919823677254
5.	grantsmanager@iiserpune.ac.in Indian Institute of Science Education and Research, Pune, Dr. Homi Bhabha Road (Receipt of Grant may be intimated to the undersigned by email/through ANRF dashboard)


(Dr. Thangaradjou T)
Scientist F

FILE NO. ANRF/PAIR/2025/000015/PAIR-B (G)
Anusandhan National Research Foundation (ANRF)
(A statutory body created by an Act of Parliament - ANRF Act, 2023)
Partnerships for Accelerated Innovation and Research (PAIR)

Dated: 12 July, 2025

ORDER

Subject: Financial assistance for the PAIR Network titled "**A Multiversity Alliance on Health and Energy Through Engineered Biomolecular Systems**" by Dr. Hotha Srinivas, PROFESSOR (HAC), Indian Institute of Science Education and Research, Pune, Dr. Homi Bhabha Road supported under Category B for one year for collaborative activities

1. In continuation of ANRF's sanction order No. **ANRF/PAIR/2025/000015/PAIR-B** dated 12 July, 2025, sanction of the competent authority is hereby accorded to the assignment of Rs.1,50,00,000/- (Rupees One Crore Fifty Lakh Only) under Grants-in-aid General (Recurring head) Indian Institute of Science Education and Research, Pune, Dr. Homi Bhabha Road, being the first instalment during the financial year 2025-2026 for implementation of above said project.

2. This sanction order is subject to fulfilment of all the Terms & Conditions as per Annexure-II.

3. This assignment is being made under **Partnerships for Accelerated Innovation and Research (PAIR)** - General.

4. The assignment has been issued with the approval and concurrence of the competent authority Finance No. **ANRF/F/5328/2025-2026** dated **09 July, 2025**


5. The assignment limit of Rs.1,50,00,000/- (Rupees One Crore Fifty Lakh Only) under 'Grants-in-aid General' will be drawn by DDO, ANRF and assign to institution through saving bank account opened for ANRF Scheme (4211), as per the details given below:

Name of A/C Holder	ANRF
Bank A/C No	349902010052015
Name of the Bank & branch	Union Bank of India, Delhi-Safdarjang Branch, South Delhi-110016
RTGS/IFSC code	UBIN0534994

ANRF will further allocate/assign the above limit as expenditure to the institution through PFMS as per details given below: -

Complete address of the Institution	Indian Institute of Science Education and Research, Pune, Dr. Homi Bhabha Road
PFMS unique code	IISERP
Name of the PI	Dr. Hotha Srinivas
Email ID of PI	s.hotha@iiserpune.ac.in

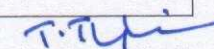
6. As per Rule 234 of GFR 2017, the sanction has been entered at S. No. 2025/01 in the register of grants maintained for the Partnerships for Accelerated Innovation and Research (PAIR) program.


(Dr. Thangaradjou T)
Scientist F

To,
DDO
ANRF, New Delhi

Copy forwarded for information and necessary action to: -

1.	The Principal Director of Audit, A.G.C.R. Building, IIIrd Floor I. P. Estate, Delhi 110002
2.	Sanction Folder, ANRF, New Delhi.
3.	File Copy
4.	Dr. Hotha Srinivas CHEMISTRY Indian Institute of Science Education and Research, Pune, Dr. Homi Bhabha Road Email: s.hotha@iiserpune.ac.in Mobile: 919823677254
5.	grantsmanager@iiserpune.ac.in Indian Institute of Science Education and Research, Pune, Dr. Homi Bhabha Road (Receipt of Grant may be intimated to the undersigned by email/through ANRF dashboard)


(Dr. Thangaradjou T)
Scientist F

List of Co-PI associated with the PAIR Network Collaborative Project at Indian Institute of Science Education and Research, Pune, Dr. Homi Bhabha Road

Indian Institute of Science Education and Research, Pune, Dr. Homi Bhabha Road

Prof. Sujit Kumar Ghosh, Professor, Department of Chemistry
 Prof. Srivatsan G Seergazhi, Professor, Chemistry
 Dr. Krishanpal Karmodiya, Associate Professor, Division of Biology
 Dr. Hosahudya N Gopi, Professor, Department of Chemistry
 Prof. Kundan Sengupta, Professor, Biology
 Dr. Aurnab Ghose, Professor, Biology
 Prof. Manickam Jayakannan, Professor (HAG), Department of Chemistry
 Dr. Jeetender Chugh, Associate Professor, Chemistry
 Prof. Pinaki Talukdar, Professor, Chemistry
 Dr. Harinath Chakrapani, Professor, Chemistry
 Dr. Prasenjit Ghosh, Associate Professor, Physics and Chemistry
 Prof. Aloke Das, Professor, Chemistry
 Prof. R. Boomi Shankar, Professor, Chemistry
 Dr. Angshuman Nag, Professor, Chemistry
 Dr. Chaitanya Anil Athale, Professor, Division of Biology
 Dr. Ramakrishna G. Bhat, PROFESSOR, CHEMISTRY
 Dr. Partha Hazra, PROFESSOR, Chemistry
 Dr. Nishad Matange, Assistant Professor, Biology
 Dr. Arnab Mukherjee, Professor, Chemistry
 Dr. Mayurika Lahiri, Associate Professor, Biology
 Dr. Gyana Ranjan Tripathy, Associate Professor, Earth and Climate Science
 Dr. Sagar Subhash Pandit, Assistant Professor, Biology
 Dr. Shreyas Managave, Assistant Professor, Earth and Climate Science
 Dr. Nagaraj Balasubramanian, Professor, Biology
 Dr. SARITA, Faculty fellow, Biology

1. Islamic University of Science & Technology University, 1-University Avenue, Awantipora

Dr. Muzafar Rasool Bhat, Sr. Assistant Professor, Department of Computer Science
 Dr. Shakeel Ahmad Khandy, Ramanujan Fellow, Frontier Research in Interdisciplinary Science
 Dr. Farooq Hussain Bhat, Senior Assistant Professor, Physics
 Prof. MUZAFAR AHMAD MACHA, Assistant Professor and Head, 08082326900
 Dr. Shahkar Ahmad Nahvi, Associate Professor, Electrical Engineering
 Dr. Aga Shahee, Assistant Professor, Department of Physics
 Dr. Asif Banka, Senior Scale Assistant Professor, Computer Science and Engineering
 Dr. sajad ahmed lone, Senior Assistant Professor, Computer Science and Engineering

2. Manipur University, Indo Myanmar Road, Canchipur

Prof. Yengkhom Tunga Singh, Professor, Department of Life Sciences Botany
 Dr. Moirangthem Rakesh Singh, Associate Professor, Physics
 Dr. Rahaman Hamidur, Assistant Professor, Biotechnology
 Dr. Rajkumar Sunil Singh, Associate Professor, Chemistry

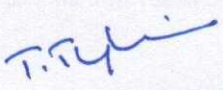
3. Mohan Lal Sukhadia University, University Rd, Ganapati Nagar

Dr. Dinesh Kumar Yadav, Assistant Professor, Department of Chemistry
 Dr. Chetna Ameta, Assistant Professor, Chemistry
 Dr. Jyoti Chaudhary, Head and Associate Professor, Chemistry
 Dr. SUNITA PANCHAWAT, Assistant Professor, Department of Pharmaceutical Sciences
 Dr. vivek jain, Assistant Professor, Pharmaceutical Sciences
 Dr. Ghanshyam Purohit, Associate Professor, Physics

4. North Maharashtra University, Kavayitri Bahinabai Chaudhari North Maharashtra University, P. O. Box No. 80, Umavi Nagar

Dr. Kirtree Kiran Kamalja, Assistant Professor, Department of Statistics
 Prof. Jaydeep Vinayak Sali, Senior Professor, Physics
 Dr. Vikas Patil, UGC Assistant Professor, University Institute of Chemical Technology
 Dr. Padmakar Gangaram Chavan, Associate Professor, Department of Physics
 Dr. Vikas Vitthal Gite, Associate Professor, School of Chemical Sciences
 Dr. SANJAYKUMAR RAMCHANDRA THORAT, Senior Professor, School of Environmental and Earth Sciences

5. Savitribai Phule Pune University, Ganeshkhind Road, Pune


 Dr. T. Thangaradjou
 Scientist 'F'

Dr. Umesh Uttamrao Jadhav, Assistant Professor, Department of Microbiology
 Dr. Altafhusain Nadaf, Professor, Botany
 Dr. Vikas Laxman Mathe, Professor, Department of Physics
 Prof. Shrikrishna Dattatraya Sartale, Professor, Department of Physics
 Dr. Shadab Ahmed, Assistant Professor, Institute of Bioinformatics and Biotechnology (IBB)
 Dr. Somnath Nandi, Associate Professor, Department of Technology
 Dr. NAGORAO RAMRAO DHATRAK, Associate Professor, Chemistry
 Dr. Surekha Khandu Satpute, Assistant Professor, Microbiology
 Dr. Rajendra H Patil, Assistant Professor, Department of Biotechnology
 Dr. Manali Sushrut Joshi, Assistant Professor, Bioinformatics Centre

6. University of Kashmir, Hazratbal, Srinagar

Prof. Ghulam Jeelani, Professor and Dean, Earth Sciences
 Dr. Ruqeya Nazir Shiekh, Sr Assistant Professor, Microbiology Centre of Research For Development
 Dr. Bashir Ahmad Ganai, Professor, Centre of Research for Development
 Prof. Anzar A Khuroo, Professor, Department of Botany
 Dr. Shabir Ahmad Parah, Associate Professor, Electronics and Inst Technology
 Dr. Bilal Ahmad Mir, Senior Assistant Professor, Department of Botany
 Prof. Syed Muzaffarali Andrabi, PROFESSOR, UNIVERSITY SCIENCE INSTRUMENTATION CENTRE
 Dr. Adil Gani, Associate Professor, Food Science and Technology
 Dr. Tanveer Ali Dar, Associate Professor, Clinical Biochemistry
 Prof. Raies A Qadri, Professor, Biotechnology
 Dr. Idrees Ahmed Wani, Assistant Professor, Food Science and Technology
 Dr. Shaida Andrabi, Associate Professor, Biochemistry
 Prof. Zulfiqar Ali Bhat, Professor, Pharmaceutical Sciences
 Prof. Mohammad Tariq Banday, Professor, Electronics and Instrumentation Technology
 Dr. Sami Ullah Bhat, Assistant Professor, Environmental Science
 Prof. Mukhtar Ahmad Khanday, Professor Mathematics at University of Kashmir, Mathematics
 Dr. Ghulam Nabi Dar, Associate Professor, Physics
 Prof. Mubashir Hussain Masoodi, PROFESSOR, PHARMACEUTICAL SCIENCES
 Dr. Hilal Ahmad Punoo, Senior Assistant Professor, Food Science and Technology
 Dr. Mushtaq Ahmad beigh, Assistant Professor, Department of Nanotechnology
 Dr. Irfan Rashid, Senior Assistant Professor, Geoinformatics
 Dr. Faheem A Sheikh, Sr Assistant Professor, Nanotechnology
 Dr. Shafquat Majeed, Assistant Professor, Nanotechnology
 Dr. Aijaz Ahmad Dar, Assistant professor, Department of Chemistry
 Dr. FAROOQ AHMAD KHANDAY, Associate Professor, Electronics and Instrumentation Technology
 Prof. MOHSIN AHMAD BHAT, Professor, Department of Chemistry
 Prof. Basharat Ahmad Want, Professor, Physics
 Prof. Aijaz Ahmad Wani, Professor, Department of Botany
 Dr. Hidayat Ullah Tak, Professor, Zoology
 Prof. Rabia Hamid, Professor, Nanotechnology
 Dr. Mohd Yaqub Bhat, Professor, BOTANY
 Dr. Manzoor Ahmad Mir, Associate Professor and Head, School of Biological Sciences
 Dr. Ubaid Bashir Qureshi, Assistant professor, Department of Electrical Engineering
 Prof. firdous Ahmad khanday, Professor, Biotechnology department
 Prof. Manzoor Ahmad Shah, Professor, Botany
 Dr. Masood Ahmad Rizvi, Associate Professor, Chemistry
 Prof. Mahboob ul hussain, Professor, Biotechnology
 Dr. Majid Zaman, Scientist E, Directorate of Information Technology and SS
 Dr. JAVAID AHMAD SHEIKH, Associate Professor, Electronics and IT
 Dr. Abdul Mueed Hafiz, Senior Assistant Professor, Dept of Electronics and Communication Engineering
 Dr. Showket Ahmad Ganai, Assistant Professor, Clinical Biochemistry
 Dr. Ghulam Nabi Bader, Sr Assistant Professor, Pharmaceutical Sciences University of Kashmir
 Prof. Wajaht Amin Shah, Professor, Chemistry
 Dr. Sabeera Muzzaffar, Sr Assistant professor, Food Science and Technology
 Prof. Nisar Ahmad Khan, Professor, Pharmaceutical Sciences
 Dr. Tariq Maqbool, Sr Assistant Professor, Nanotechnology
 Dr. Bilal Ahmad Malik, Senior Scientific Officer, Electronics and Communication Engineering
 Dr. Waseem Jeelani Bakshi, Assistant Professor, Computer science and engineering
 Prof. Mohd Sultan Bhat, Professor, Department of Geography and Disaster Management
 Dr. LATIF AHMAD PEER, Associate Professor, Department of Botany
 Dr. Akhtar Alam, Assistant Professor, Geography and Disaster Management
 Dr. Mohammad Arief Zargar, Senior Assistant Professor, Botany
 Dr. Javaid Iqbal Khan, Sr Assistant Professor, Economics
 Dr. Javeed Ul Aziz, ASSISTANT PROFESSOR, HISTORY
 Dr. Aijaz Ashraf Wani, Associate Professor, Political Science
 Dr. Md Sarafraz Equbal, Assistant Professor, Economics
 Mr. Mohd Aarish Shaheen, Assistant Professor, Electrical Engineering


 Dr. T. Thangaradjou
 Scientist 'F'

Dr. T. Thangaradjou
 Scientist 'F'