



St. PETER'S

INSTITUTE OF HIGHER EDUCATION & RESEARCH
(GRANTED TO BE UNIVERSITY UNDER 2 OF THE UGC ACT 1956)
Accredited by NAAC with A+ Grade, AICTE Approved and
ISO 9001:2008 Certified
Avadi, Chennai - 600 054, Tamil Nadu.



17 PARTNERSHIPS FOR THE GOALS





St. PETER'S

INSTITUTE OF HIGHER EDUCATION & RESEARCH
(DEEMED TO BE UNIVERSITY u/s 3 of THE UGC ACT 1956)
Accredited by NAAC with 'A' Grade, AICTE Approved and
ISO 9001:2008 Certified.

AVAIL, Cherai - 690 054, Thiruvananthapuram, Kerala, India.



17.2.2. SPIHER's Engagement in Cross-Sectoral Dialogue on the SDGs

St. Peter's Institute of Higher Education and Research (SPIHER) has demonstrated a strong and consistent commitment to promoting interdisciplinary collaboration and fostering dialogue on sustainable development. As a leading academic institution, SPIHER actively engages in and facilitates cross-sectoral discussions related to the Sustainable Development Goals (SDGs), involving diverse stakeholders such as government bodies, non-governmental organizations (NGOs), industry leaders, and academic experts. This collaborative approach underpins SPIHER's mission to advance the SDGs at the local, national, and global levels.

1. Conferences and Seminars on SDG Themes

SPIHER regularly organizes and participates in conferences, seminars, and workshops dedicated to SDG-related topics. These events are designed to bring together experts from government, academia, industry, and civil society to exchange knowledge, debate challenges, and co-create strategies for sustainable solutions.

For example, SPIHER has hosted interdisciplinary conferences addressing issues such as climate change, sustainable agriculture, public health, and quality education. Such events are attended by representatives from government agencies—including the Ministry of Environment, the Department of Agriculture, and various health organizations—as well as NGOs and research institutions focused on sustainability. These forums provide vital opportunities for knowledge exchange, the sharing of best practices, and the formulation of actionable strategies for SDG implementation.

Additionally, departments such as Environmental Science, Biotechnology, and Social Sciences play a key role in organizing SDG-focused workshops and discussions on topics including marine conservation (SDG 14), sustainable cities (SDG 11), and gender equality (SDG 5). These collaborative initiatives highlight SPIHER's ongoing commitment to multi-stakeholder engagement and interdisciplinary problem-solving.

2. Collaboration with Government and NGOs

Beyond campus-based initiatives, SPIHER actively collaborates with government agencies, NGOs, and community organizations to advance SDG objectives through joint research, outreach, and advocacy.

The university has partnered with several local NGOs to tackle issues such as poverty reduction (SDG 1), gender equality (SDG 5), and clean water access (SDG 6). These collaborations include community-based research projects, fieldwork, and policy advocacy efforts that allow students and faculty to engage directly with communities while contributing to meaningful, large-scale change.



St. PETER'S

INSTITUTE OF HIGHER EDUCATION & RESEARCH
(DEEMED TO BE UNIVERSITY) u/s 3 of THE UGC ACT 1956
Accredited by NAAC with A+ Grade, AICTE Approved and
ISO 9001:2015 Certified.

AVAIL, Cherai - 690 054, Thiruvananthapuram, Kerala, India.



SPIHER also works closely with government bodies at both local and national levels to ensure its academic and research contributions inform public policy. Through partnerships with ministries and policy think tanks, SPIHER contributes to the design and implementation of initiatives supporting climate action (SDG 13), quality education (SDG 4), and sustainable economic growth (SDG 8). Such collaborations bridge the gap between academic knowledge and real-world policymaking.

3. Student and Faculty Engagement

SPIHER emphasizes the active participation of both students and faculty in SDG-related activities. Students are encouraged to take part in internships, field research, and volunteer programs with NGOs and government organizations working toward SDG goals. This practical exposure enhances their academic learning and empowers them to become future leaders in sustainability and social innovation.

Faculty members are equally involved, contributing through national and international conferences, research publications, and partnerships with industry and policy experts. Their engagement ensures that SPIHER's academic community remains deeply connected to global sustainability conversations and contributes substantively to evidence-based solutions.

4. Promotion of Collaborative Research

Collaborative, cross-sectoral research forms a cornerstone of SPIHER's SDG engagement strategy. The university's researchers regularly partner with government agencies, NGOs, and private sector organizations to address sustainability challenges through applied research.

Examples include joint projects in sustainable agriculture with agricultural departments and rural development NGOs, as well as public health initiatives undertaken with ministries and global health organizations. These collaborations often result in joint publications, policy briefs, and strategic action plans that inform decision-making and support evidence-based policy development.

5. Media Outreach and Advocacy

SPIHER also uses media and public communication as key tools to promote dialogue and awareness on the SDGs. The institution disseminates information through press releases, articles, and social media campaigns that highlight its sustainability efforts and the outcomes of cross-sectoral engagements.

These outreach activities not only showcase SPIHER's contributions but also inspire broader participation from the public and other stakeholders, strengthening the collective momentum toward achieving the SDGs.



Evidence of International Conference Sponsored by Department of Biotechnology (DBT), Government of India



1st International Conference on Microbes and Applied Biotechnology



Sponsored by
Department of Biotechnology
Government of India (DBT-CTEP)

November 6th - 8th, 2024

Organised Jointly by the



Departments of Microbiology, Biotechnology & Biochemistry

CHIEF PATRON

Dr. (Mrs) T. Banumathi
Chancellor, SPHER

PATRONS

Dr. N. Malmurugan, Vice Chancellor, SPHER
Dr. S. Gunasekaran, Dean (R&D), SPHER
Dr. M. Venkatraman, Dean (AFCMS&SA), SPHER

Dr. L. Mahesh Kumar, Registrar, SPHER
Dr. S. Selvam, Dean (H&R), SPHER

RESOURCE PERSONS



Dr. S. Anandhalakshmi
Professor & Head
Department of Physiology
All India Institute of Medical Sciences (AIIMS)
Medical-423004, New Delhi, India



Dr. K. R. Mahendran
Professor & Head
Rajiv Institute Center for Biotechnology (RICB)
Tirupur-641004, Tirupur, India



Dr. Dev Raj Joshi
Associate Professor
Central Department of
Microbiology, Tribhuvan University
Kathmandu-43200, Kathmandu,
Nepal



Dr. M. Poornima Piyathilaka
Senior Scientist
Department of Environmental Technology
University of Colombo-05,
Kottawa, Sri Lanka



Dr. D. Solairaj
Associate Professor
Food and Biologics Engineering
Jönköping University, Jönköping-39100
Sweden



Dr. Ravi Prasad
Associate Professor
School of Life Sciences,
Annamalai University
Annamalai-605002, Tamil Nadu,
India



Dr. Pravin R. Dudhagare
Associate Professor
Department of Sciences
Near Hornbill South Super Speciality
Hospital-681001, Sagar
Karnataka



Dr. N. Radhakrishnan
Professor
Department of Biochemistry
Eswarappa Institute - BIASTE, Thiruvananthapuram-695007, Kerala, India



Research Associate Professor
Department of Biotechnology
The Institute of Science and
Technology, Vallikulam-622001
Tamil Nadu, India

Thrust areas for the Conference

- Agricultural Biotechnology including plant tissue culture
- Animal Biotechnology
- Aquatic Biotechnology
- Marine Biotechnology
- Bioinformatics
- Food Biotechnology
- IPR, Bio-products and Bio-safety
- Medical Biotechnology
- Microbial & Industrial Biotechnology
- Molecular virology
- Pharmaceutical Biotechnology

CONVENOR

Dr. M. Palaniswamy
Dean (R&D), SPHER

ORGANIZING SECRETARY

Dr. S. Ganesh Kumar
Asst Prof & Head-Microbiology, SPHER

PROGRAM COORDINATORS

Dr. K. Arulai, Asst Prof (Microbiology), SPHER
Dr. P. Nitisha, Asst Prof (VLS, Biochemistry)

ADDRESS FOR COMMUNICATION

Dr. S. Ganesh Kumar, Conference Organizing Secretary
Department of Microbiology
St. Peter's Institute of Higher Education & Research, Chennai
Tamil Nadu, India

Registration fee for Conference

Student - Rs. 300/-
Scholars - Rs. 500/-
Faculty - Rs. 1000/-
Industry person - Rs. 2000/-
International - \$0 USD

Important dates

Abstract Submission: 14.10.2024
Full paper submission: 31.10.2024
Last Date of Registration: 31.10.2024
[Contact](mailto:9990346431, 91967099931)
+91904025625

Payment details

For Net banking & transfer (RTGS/NEFT)

Bank Name: Indian Bank

Account Number: 488357524

A/C Name: R&D St. Peter's Institute of

Higher Education & Research

Branch: St. Peter's Engg. College, Avadi

IFSC: IDIB0005182

Call for Abstracts/Papers

Abstract or original & ongoing researches in
Microbiology, Biotechnology from PG students,
Research scholars, Academicians and
Scientists. The abstracts are to be submitted
in the following format, not exceeding 250
words with key words, R&D Times New
Roman, Size 12 with 1.5 Spacing, Title page
Max 1000 Ms, Author(s), affiliation
Title page, abstract and author should be
underlined. The abstract should be
sent to a mail id.

E-mail: ganesh@microbiom.spher.ac.in

For Registration



www.spher.ac.in



[spher.ac.in](https://www.facebook.com/spher.ac.in)



[@spher.ac.in](https://www.instagram.com/@spher.ac.in)

**St. PETER'S**

INSTITUTE OF HIGHER EDUCATION & RESEARCH
(Deemed to be University) u/s 3 of the UGC Act, 1956
Accredited by NAAC with A+ Grade, AICTE Approved and
ISO 9001:2015 Certified
Avadi, Chennai - 600 054, Tamil Nadu.

**St. PETER'S**

INSTITUTE OF HIGHER EDUCATION AND RESEARCH
(Deemed to be University) u/s 3 of the UGC Act, 1956
NAAC Accredited, AICTE Approved and ISO 9001:2015 Certified



Department of Microbiology, Biotechnology and Biochemistry

Jointly organizes

1st International Conference on

Microbes & Applied Biotechnology (ICMAB-2024)

6, 7 & 8th November, 2024

**Department of Biotechnology, Government of India (DBT-CTEP)**

Cordially invite for the INAUGURAL CEREMONY

🕒 09.30 AM 📅 6th November, 2024

📍 Seminar Hall, Main Block

Presides

Dr. N. Malumurugan
Vice Chancellor
SPIHER

Chief Guest

Dr. Dev Raj Joshi
Professor
Central Department of Microbiology,
Tribhuvan University Kathmandu
Nepal

Special Guest

Dr. MA. Poorna C. Piyathilaka
Professor
Dept of Environmental Technology
University of Colombo, Sri Lanka

In the August presence of

Dr. L. Mahesh Kumar
Registrar, SPIHER**Dr. S. Gunasekaran**
Dean (R&D)
SPIHER**Dr. M. Venkatramanan**
Dean (FASCM&H)
SPIHER**Dr. S. Selvan**
Dean (FoET)
SPIHER

Convenor

Dr. M. Palaniswamy
Dean (PDA)
SPIHER

Organizing Secretary

Dr. S. Ganesh Kumar
Associate Professor & Head
Department of Microbiology
SPIHER

Co-organizing Secretaries

Dr. K. Amala
Asst Professor & Head
Biotechnology
SPIHER**Dr. R. Nithya**
Asst Professor & Head
I/c, Biochemistry
SPIHER

Executive committee members

Microbiology

Dr. N. Gunavathy
Assistant Professor
SPIHER**Dr. D. Gideon Moses**
Assistant Professor
SPIHER

Biotechnology

Dr. S. Chandra
Professor
SPIHER**Dr. C. Chitra**
Assistant Professor
SPIHER

Biochemistry

Dr. P. Vijaya
Associate Professor
SPIHER

To join Inauguration, Click here

<https://meet.google.com/mvc-brzu-pok>

+91 9445638085



www.spiher.ac.in



spiher.ac.in



@spiher.ac.in

Brochure of '1st International Conference on Microbes and Applied Biotechnology'



St. PETER'S

INSTITUTE OF HIGHER EDUCATION & RESEARCH
(DEEMED TO BE UNIVERSITY) u/s 3 of THE UGC ACT 1956
Accredited by NAAC with A+ Grade, AICTE Approved and
ISO 9001:2015 Certified.
Avadi, Chennai - 600 054, Tamil Nadu.



Your Proposal DBT/CTEP/01/20240255947 has been approved

1 message

<ctepcell@dbt.nic.in>
To: microbiologyhod@spiher.ac.in
Cc: registrar@spiher.ac.in

Thu, 16 May, 2024 at 3:44 pm

Respected Sir/Madam,
Dr. S. Ganesh Kumar
St. Peter's Institute of Higher Education and Research

Congratulations!

Your proposal with ID DBT/CTEP/01/20240255947 has been approved by DBT. You have been granted financial assistance of Rs. 100000. Financial assistance would be released as per DBT-CTEP norms.

Below is the committee's remarks:

Recommended for Rs. 1,00,000/- subject to submission of necessary approvals (Administrative Ministry, Ministry of External Affairs and Ministry of Home Affairs if required) before conducting the event.

The grant would be released on submission of the following requisite documents at the earliest, subject to availability of funds:

1. Utilisation Certificate and Statement of Expenditure (UC and SE) as per the format available at CTEP Conference guidelines. The UC&SE should be duly signed and stamped by an independent Chartered Accountant in case the organisation is Non-Government.
2. A detailed report and photographs (soft copy) of the event along with the copy of publication(s)/proceedings clearly mentioning the number of participants (National & International).
3. Duly verified Bank details of your organisation (Name as per bank account, Bank Name, Branch and Address, Account No, Nature of account, IFSC code and MICR Code).

Note: Claims should be submitted within 3 months of the successful completion of the event. Any claim received beyond this period will not be considered for payment.

The recommendation is also available on our [website](#).

Sincerely yours,
DBT-CTEP Management Cell
Biotech Consortium India Limited,
5th Floor, Anuvrat Bhawan | 210, Deen Dayal Upadhyaya Marg,
New Delhi - 110002 | India,
Tel.: 91-11-23219064-67 | Fax: 91-11-23219063,
E-mail ctepcell@dbt.nic.in
(To keep receiving our mails in your mailbox, please add our email address ctepcell@dbt.nic.in in your contact list)

Approval of International conference by DBT



Release of Conference Proceedings: The release of **Proceedings** of '1st International Conference on Microbes and Applied Biotechnology' by the **Vice Chancellor, Dr. N.Malmurugan, SPIHER** and it is received by the **Chief Guest, Dr.MA.Poorna C Piyathilaka**, Professor, University of Colombo, Sri Lanka on the Inaugural ceremony of DBT sponsored International conference on 6th Nov 2024.



Group photo of the inaugural session



**Invited talk given by the Chief Guest, Dr. MA. Poorna C Piyathilaka, Professor,
University of Colombo, Sri Lanka**



Oral presentation given by the conference delegate

Poster presentation assessment by Dr. Dev Raj Joshi, Associate Professor, Central Department of Microbiology, Tribhuvan University, Kathmandu, Nepal





St. PETER'S

INSTITUTE OF HIGHER EDUCATION & RESEARCH
(DEEMED TO BE UNIVERSITY) u/s 3 of THE UGC ACT 1956
Accredited by NAAC with A+ Grade, AICTE Approved and
ISO 9001:2015 Certified.
Avadi, Chennai - 600 054, Tamil Nadu.



Invited talk given by the Resource person, Dr. S. Anandhalakshmi, Professor and Head, Department of Physiology, All India Institute of Medical Sciences (AIIMS), Madurai



Group photo during valedictory function on 8th Nov, 2024

**St. PETER'S**

INSTITUTE OF HIGHER EDUCATION & RESEARCH
(DEEMED TO BE UNIVERSITY) U/S 3 OF THE UGC ACT 1956
Accredited by NAAC with A+ Grade, AICTE Approved and
ISO 9001:2015 Certified
AVADI, CHENNAI - 600 054, Tamil Nadu.

**St. PETER'S**
INSTITUTE OF HIGHER EDUCATION AND RESEARCH

Deemed to be University U/S 3 of the UGC Act, 1956
NAAC ACCREDITED & ISO 9001:2015 CERTIFIED, AVADI, CHENNAI-54

CERTIFICATE

This is to certify that Dr. / Mr. / Ms. B. Hossain

of St. Peter's Institute of Higher Education & Research has participated/ presented
Oral/ Poster entitled on Isolation, Identification and Bioamplification
..... Nickel resistant Shigella in the "1st International conference on Microbes and
Applied Biotechnology (ICMAB'24)" sponsored by DBT-CTEP, jointly organized by
Department of Microbiology, Biotechnology & Biochemistry, St. Peter's Institute of
Higher Education and Research, Avadi, Chennai-54 held on 6th - 8th November 2024.

ICMAB
2024

Dr. M. Palaniswamy
Convenor

Dr. S. Ganesh Kumar
Organizing Secretary

Certificate model issued in the 1st International Conference on Microbes and Applied Biotechnology



Amount Released for Proposal ID DBT/CTEP/01/20240255947 by DBT CTEP Cell

1 message

<ctepcell@dbt.nic.in>
To: microbiologyhod@spihr.ac.in

Fri, 13 Jun, 2025 at 1:21 pm

Respected Sir/Madam,
Dr. S. Ganesh Kumar

Congratulations!

The amount of Rs 100000 has been transferred towards your approved proposal with Proposal ID DBT/CTEP/01/20240255947 by DBT CTEP Cell. UTR Number for the transaction is ICICN32025061220004354

Sincerely yours,
DBT-CTEP Management Cell
Biotech Consortium India Limited,
5th Floor, Anuvrat Bhawan | 210, Deen Dayal Upadhyaya Marg,
New Delhi - 110002 | India.
Tel: 91-11-23219064-67 | Fax: 91-11-23219063,
E-mail ctepcell@dbt.nic.in

(To keep receiving our mails in your mailbox, please add our email address ctepcell@dbt.nic.in in your contact list)

Sponsored amount released by DBT



Conference Summary

Program Title	1st International Conference on Microbes and Applied Biotechnology (ICMAB' 24)
Program Theme	<ul style="list-style-type: none">• Agricultural Biotechnology including plant tissue culture• Animal Biotechnology• Aquatic Biotechnology• Marine Biotechnology• Bioinformatics• Food Biotechnology• IPR, Bio-products and Bio-safety• Medical Biotechnology• Microbial & Industrial Biotechnology• Molecular virology• Pharmaceutical Biotechnology
About the Conference	<p>➤ This conference aims to provide a platform for all the aspects of Microbiology, Biotechnology and Biochemistry.</p> <p>➤ A great opportunity to students, scholars, and private sectors to interact and exchange their latest ideas and techniques for exploration of largely untapped biotechnology and microbial resources in India and abroad</p>
Duration of Event	Three days
Organized by	Department of Microbiology, Biotechnology and Biochemistry
Date and Time	6 th – 8 th November, 2024, 9.30am-3.45pm
Convener	Dr.M.Palaiswamy, Dean PDA
Organizing Secretary	Dr.S.Ganesh Kumar, Associate Professor & Head, Microbiology
Coordinators	Dr.K.Amala, Assistant Professor & Head, Biotechnology Dr.R.Nithya, Assistant Professor & Head i/c, Biochemistry
Facebook Link	https://www.facebook.com/share/p/vMSevvPhGaXAh7qj/?mibextid=qi2Omg
Linkedin Link	https://www.linkedin.com/posts/spiherchennai_plasticpollution-environmentalawareness-saveourplanet-activity-7246019641435684864-lz3E?utm_source=share&utm_medium=member_android
Instagram Link	https://www.instagram.com/p/DAfQXD6Pjdv/?igsh=Nnc1ZzhxaTFmcW10
Mode	Offline and online Mode
Venue	Seminar Hall, Main Block, SPIHER
No. of participants	220

Proceedings ISBN No.	ISBN- 978-93-341-4952-4
Abstracts	81
Technical Session - I	<p>Resource Person: Dr. Dev Raj Joshi, Associate Professor, Central Department of Microbiology, Tribhuvan University, Kirtipur-4330346, Kathmandu, Nepal TOPIC: Circulation of potential pathogens in wastewater</p>
Technical Session - II	<p>Dr. N. Radhakrishnan, Professor (Research), Department of Biochemistry, Saveetha Institute of Medical and Technical Sciences (SIMATS), Thandalam, Chennai-602105 Tamil Nadu, India TOPIC: Exploring medicinal plants and Natural compounds for good health and well being</p>
Technical Session – III (Online)	<p>Resource Person: Dr.K.R.Mahendran, Scientist E-II Rajiv Gandhi Center for Biotechnology (RGCB) DBT Institute, Thiruvananthapuram-695014 Kerala, India TOPIC: Targeting antibiotic translocation across natural porins derived from bacterial pathogens</p>
Technical Session - IV	<p>Resource Person: Dr. MA. Poorna C Piyathilaka, Senior Lecturer Department of Environmental Technology University of Colombo, Homagama-10200, Sri Lanka TOPIC: Unveiling the hidden threat: Cyanobacterial toxicity & environmental health</p>
Technical Session - V	<p>Resource Person: Dr. K. Kalimuthu, Assistant Professor (Research) Department of Biotechnology SRM Institute of Science and Technology Kattankulathur-60320 Tamil Nadu, India TOPIC: Disserting advanced strategies on tackling priority ESKAPE pathogens</p>
Technical Session – VI (Online)	<p>Resource Person: Dr. D. Solairaj,</p>

	<p>Associate Professor, Food and Biological Engineering Jiangsu University, Jiangsu, Zhejiang-212013, China TOPIC: Antagonistic yeasts as alternative disease control strategy for post harvest fungal infections in fruits</p>
Technical Session - VII	<p>Resource Person: Dr. S. Anandhalakshmi Professor and Head, Department of Physiology, All India Institute of Medical Sciences (AIIMS), Madurai-625006 Tamil Nadu, India TOPIC: The role of Gut Microbiota in maintaining Human Health and Physiology</p>
Technical Session – VIII	<p>Resource Person: Dr. Pravin Dudhagara, Assistant Professor, Department of Bioscience, Veer Narmad South Gujarat University Surat-395007, Gujarat, India TOPIC: Deciphering the Microbiome - Exploring Its Influence on Health from Gut to Genitals</p>
Technical Session – IX (Online)	<p>Resource Person: Dr. Ram Prasad, Associate Professor, School of Life Sciences, Mahatma Gandhi Central University, East Champaran-845401, Motihari, Bihar, India TOPIC: Fungal Mediated nanomaterials for plant productivity</p>



St. PETER'S

INSTITUTE OF HIGHER EDUCATION & RESEARCH
(DEEMED TO BE UNIVERSITY u/s 3 OF THE UGC ACT 1956)
Accredited by NAAC with A Grade, AICTE Approved and
ISO 9001:2015 Certified.

AVAIL, Chennai - 600 054, Tamil Nadu.



Evidence of Project Sponsored by Department of Science & Technology (DST), Government of India

The Department of Science and Technology (DST)-sponsored project demonstrates the institution's strong commitment to advancing collaborative research and fostering strategic partnerships for sustainable development. By securing national-level funding, the project strengthens the link between government agencies, academic researchers, and community stakeholders aligning directly with SDG 17.2.2, which emphasizes expanding science, technology, and innovation cooperation.

This initiative brings together multidisciplinary expertise to address a socially relevant scientific challenge, enhancing knowledge exchange and capacity building among faculty, scholars, and students. The DST support enables access to advanced research facilities, promotes innovation-driven problem solving, and encourages the development of scalable solutions that can contribute to national priorities.

Through this project, the institution not only enhances its research capabilities but also reinforces its role as an active partner in India's sustainable development agenda. The sustained engagement with DST ensures continuous knowledge flow, improved research visibility, and strengthened networks that contribute meaningfully to global partnerships for sustainable progress.

**St. PETER'S**

INSTITUTE OF HIGHER EDUCATION & RESEARCH
 (DEEMED TO BE UNIVERSITY u/s 3 of THE UGC ACT 1956)
 Accredited by NAAC with A+ Grade, AICTE Approved and
 ISO 9001:2015 Certified
 Avadi, Chennai - 600 054, Tamil Nadu.



Sanction Order of the project with DBT, Government of India



GOVERNMENT OF INDIA

Ministry of Science & Technology

Department of Science & Technology

DST/CEST/CERI/OFF-GRID/SC-ST/2024/PR07 (G)

(Climate, Energy and Sustainable Technology (CEST))

Technology Bhawan, New Delhi

Dated: 10/05/2024

Sanction Order

Subject: Financial assistance for the project entitled "Design and Development of Thin film / Flexible-10 kW-Solar based Power System With Grid-Tie Inverter for Puchal panchayat Union" submitted by Dr. Dinesh Kumar, ST. PETER'S INSTITUTE OF HIGHER EDUCATION AND RESEARCH, CHENNAI, CHENNAI, TAMILNADU, 600054 Release of the First installment regarding

In pursuance of this department's sanction order of even number dated 28/03/2024, Sanction of the President is hereby accorded to the approval to the above mentioned project at a total cost of Rs. 99,62,000/- (Rupees Ninety Nine Lakh Sixty Two Thousand only) for a duration of 2 Years 11 Months 30 Days. The detailed breakup of the grant for General as well as Capital Components are given below:-

General Component : ₹ 84,62,000/-

Capital Component : ₹ 15,00,000/-

Item	Budget Summary (in Rs.)			
	Year 1	Year 2	Year 3	Year 4
1- Non-Recurring				
Permanent Equipment-FLEXIBLE/ THIN FILM Solar Panel-10kW, Grid-Tie Inverter-10 kW, Utility Energy Meter & Accessories, Data acquisition and Monitoring System - 3	3100000	300000	200000	3600000
Plant cost (Fabricated) systems/Demonstration models-Assembly parts & Fitting : 2	600000	200000	100000	900000
Subtotal (Capital)	3700000	500000	300000	4500000
2- Recurring				
Project Staff	634000	634000	744000	2112000
Junior Research Fellow (JRF)-1 (For assisting in system integration)	444000	444000	504000	1392000
Laboratory Assistant/Technician/Technical Assistant/Field Assistant-1 (For assisting in system integration)	240000	240000	240000	720000
Consumables	600000	400000	200000	1200000
Contingency	100000	100000	100000	300000
Travel	100000	100000	100000	300000
Overhead	300000	300000	200000	900000
Other Cost-Offices work, Training Program, Other items, if any	50000	50000	50000	150000
Workshops/Training programs-For workshops/training programs in SC-ST dominant Areas	100000	200000	200000	500000
Subtotal (General)	1934000	1854000	1594000	5462000
Total Project Cost (Cap.+ Gen.)	5634000	2354000	1994000	9962000

2. The sanction of the President is also accorded to the release of Rs. 19,34,000/- (Rupees Nineteen Lakh Thirty Four Thousand only) to the "Director/Registrar/Principal/Controller/Comptroller, ST. PETER'S INSTITUTE OF HIGHER EDUCATION AND RESEARCH" being the First installment of grant as mentioned above table under "General Component" for the above mentioned project.

3. The expenditure involved is debitable to Demand No. 89, Department of Science & Technology for the year 2024-2025.

**St. PETER'S**

INSTITUTE OF HIGHER EDUCATION & RESEARCH
 (CREATED TO BE UNIVERSITY u/s 3 OF THE UGC ACT 1956)
 Accredited with A+ Grade, NAAC Approved and
 ISO 9001:2008 Certified
 Avadi, Chennai - 600 054, Tamil Nadu.



3425	Other Scientific Research(Major Head)
3425.69	Others (Sub-Major Head)
3425.69.789	Special Component Plan for Scheduled Castes
3425.69.789.15	Innovation,Technology, Development and Deployment
3425.69.789.15.00	Detailed Head
3425.69.789.15.00.31	Grants-in-aid General
(Previous: 3425.69.789.01.01.31)	

4. The amount of Rs. 1/- (Rupee One only) against the sanctioned amount of 19,34,000/- (Rupees Nineteen Lakh Thirty Four Thousand only) will be drawn by DDO, DST and deposited to the "CNA account of SERB in respect of Innovation,Technology Development and Deployment Scheme".

Name of A/C Holder	Innovation Technology Development and Deployment
Bank A/C No	349902010051240
Name of the Bank & branch	Union Bank of India, Safdarjung Enclave - New Delhi
RTGS/IFSC code	UBIN04810442

5. CNA shall misallocate the amount of Rs. 19,34,000/- (Rupees Nineteen Lakh Thirty Four Thousand only) to the Director/Registrar/Principal/Controller/Comptroller, ST. PETER'S INSTITUTE OF HIGHER EDUCATION AND RESEARCH" as per details given below:

Name of A/C Holder	St. Peter's Institute of Higher Education and Research
Bank A/C No	101412010022009
Name of the Bank & branch	Union Bank of India
RTGS/IFSC code	UBIN04810442

6. As per Rule 234 of GFR 2017, the sanction has been entered at 5, No 10, in the register of grants maintained in the Climate, Energy and Sustainable Technology (CEST) for the scheme Renewable Energy System.

7. This issues with the concurrence of IITD vide their Commodity Dy. No. IITD/C/TH/000524/310841 dated 09/05/2024.

8. The GI will keep all the funds received in its Central Nodal Account only and shall not transfer the funds to any other account or not divert the same to Fixed Deposits/ Photo-Account/ Multi-Options Deposit Account/ Corporate Liquid Term Deposit (CLTD) account etc. The funds released in (ii) shall not be parked in bank account of any other agency.

9. The GI will ensure the compliance of OM. No. F. No. 1/(18)/PFMS/FCD/2021 dated March 9, 2022 of Department of Expenditure, Ministry of Finance.

10. The Institute is registered on Dciran Portal Id-TN/2018/019348.

11. This sanction order is subject to the Terms & Conditions as annexed.

Dhirendra Tiwari
 (Scientist - 'D')
 dtiwari@gov.in

To,
 The Pay & Accounts Officer,
 Department of Science & Technology,
 New Delhi - 110 016

Copy of information and necessary action to:-

1. The Principal Director of Audit, Scientific Department, 11th floor, AGCR Building, I.P. Estate, New Delhi.
2. The Financial Advisor, Integrated Finance Division, Technology Bhawan, New Mehrauli Road, Block C, Qutub Institutional Area, New Delhi, Delhi 110016
3. The Internal Audit Wing, Department of Science & Technology, Technology Bhawan, New Mehrauli Road, Block C, Qutub Institutional Area, New Delhi, Delhi 110016
4. Drawing and Disbursing Officer, DST, Cash Section (two copies)
5. Dr. Dinesh Kumar, Assistant Professor, Mechanical, ST. PETER'S INSTITUTE OF HIGHER EDUCATION AND RESEARCH, Chettai, Chennai, Tamilnadu - 600054
6. The Director/Registrar/Principal/Controller/Comptroller/Cheif Executive Officer(CEO), ST. PETER'S INSTITUTE OF HIGHER EDUCATION AND RESEARCH, Chennai, Chennai, Tamilnadu - 600054
7. Secretary, SERB, New Delhi (for allocation of funds to implementing agency)
8. Head (Climate, Energy and Sustainable Technology (CEST)) DST
9. Section Foder (Climate, Energy and Sustainable Technology (CEST))

Dhirendra Tiwari
 (Scientist - 'D')
 dtiwari@gov.in

Conclusion:

SPIHER plays a significant role in promoting constructive dialogue and collaborative action for sustainable development, particularly through its conferences and government-supported research projects. By engaging with national agencies, including government departments and public institutions, SPIHER creates meaningful platforms for knowledge sharing, policy interaction, and research-driven solutions that directly support SDG 17.2.2.



St. PETER'S

INSTITUTE OF HIGHER EDUCATION & RESEARCH
(DEEMED TO BE UNIVERSITY u/s 3 OF THE UGC ACT 1956)
Accredited by NAAC with A+ Grade, AICTE Approved and
ISO 9001:2015 Certified.

AVAIL, Cherai - 690 054, Thiruvananthapuram



Through government-linked conferences, faculty participation in policy-focused forums, and DBT, DST-sponsored or ministry-funded research projects, the institution strengthens partnerships that bridge academics, policymakers, industry experts, and community stakeholders. These initiatives not only enhance institutional research capacity but also enable the translation of scientific insights into practical strategies for national development.

By consistently fostering these cross-sectoral collaborations, SPIHER continues to contribute to the national and global sustainability agenda, generating impactful, innovative, and actionable solutions to contemporary societal challenges.