



International collaboration data gathering for SDG

American Institute of Pakistan Studies (AIPS) Exchange Program

A group of students from Women University of Azad Jammu and Kashmir, Bagh, participated in the American Institute of Pakistan Studies (AIPS) Exchange Program in the United States, where they engaged in data gathering and reporting activities related to the SDGs. During the program, the students collaborated with international peers, faculty, and institutions to collect, analyze, and present data on specific SDG-related themes. This activity directly fulfills the Goal of International collaboration data gathering for SDGs, as it involved structured international cooperation in research and reporting. The program not only enhanced students' research capacities but also fostered cross-cultural understanding, international networking, and joint academic inquiry. By gathering and reporting data in collaboration with global partners, the students contributed to evidence-based knowledge sharing that supports the monitoring and achievement of the SDGs. The exchange program not only enhanced students' research skills in data collection, analysis, and reporting but also exposed them to global best practices in sustainability research. Through cross-cultural engagement, the students built networks with international stakeholders, strengthening the university's academic partnerships and fostering mutual learning. The activity successfully connected theoretical knowledge of the SDGs with practical application in an international setting, thereby contributing to evidence-based knowledge for SDG monitoring and implementation. In this way, the AIPS Exchange Program demonstrated our university's commitment to SDG 17: Partnerships for the Goals, while specifically fulfilling the requirement of Indicator 17.2.3 on international collaboration in SDG data gathering. It strengthened international academic partnerships through student exchange and enhanced students' capacity in research methodology, data collection, and reporting linked to the SDGs. The program promoted cross-cultural learning and exposure to global best practices in sustainability, providing a practical platform for students to connect their theoretical understanding of the SDGs with real-world research collaboration. The participation of students in the AIPS Exchange Program exemplifies how international academic collaboration can advance SDG monitoring and implementation.

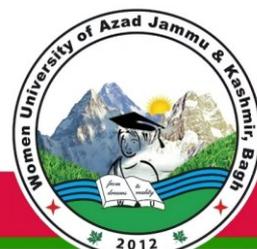




By engaging in data gathering and reporting, the activity not only strengthened global partnerships but also demonstrated the university's active contribution to SDG 17: Partnerships for the Goals, specifically aligning with Indicator 17.2.3. ([Annex I](#))

International Research Collaborations and Publications for Sustainable Literacy

The Women University of Azad Jammu and Kashmir, Bagh, has built a strong culture of international academic collaboration that extends to joint research, co-authored publications, and global knowledge exchange. Faculty members from various disciplines actively publish research in internationally indexed journals and collaborate with scholars from other universities. Through these international publications, the university not only contributes to the global body of sustainability knowledge but also enhances the sustainable literacy of students and researchers by integrating real-world research outcomes into teaching and learning. Faculty often share insights from their collaborative studies within classrooms and seminars, helping students understand how global research translates into local solutions. The peer-review and co-publication process further exposes researchers and graduate students to global academic standards, ethical research practices, and cross-cultural perspectives on sustainability. This consistent engagement in joint authorship and international publishing strengthens the university's position as a contributor to global sustainable development dialogues. It reflects the institution's commitment to Education for the SDGs by ensuring that both faculty and students continually learn, apply, and disseminate sustainability principles through research-driven inquiry. These international collaborations not only elevate academic excellence but also embed the values of partnership, innovation, and sustainable problem-solving at the heart of the university's research culture. ([Annex II](#))





Times Higher Education Sustainability Impact Ratings

17 PARTNERSHIPS
FOR THE GOALS

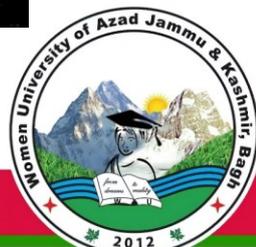


Annex I



Through AIPS, students gained global exposure and built meaningful academic connections in the USA

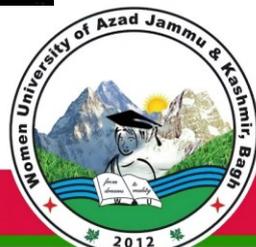
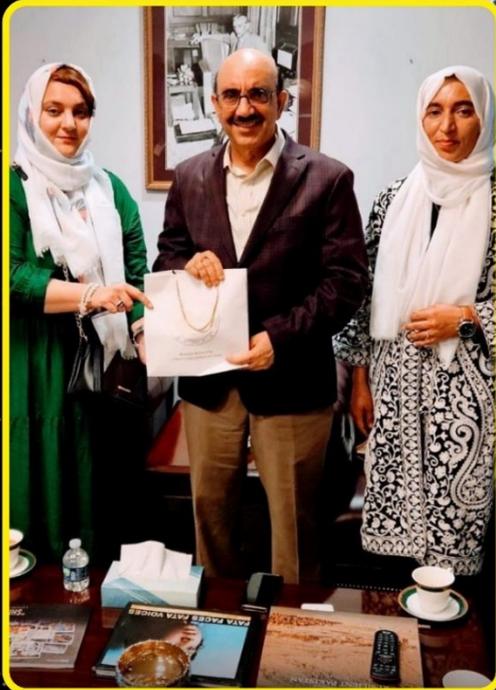
2024





Faculty members participated in the AIPS visit to the USA, fostering academic collaboration and international educational linkages

2024





Annex II



MINISTÉRIO DA EDUCAÇÃO
UNIVERSIDADE FEDERAL DO PIAUÍ
CENTRO DE TECNOLOGIA
COORDENAÇÃO DO PROGRAMA DE PÓS-GRADUAÇÃO EM CIÊNCIA E ENGENHARIA DOS
MATERIAIS

Centro de Tecnologia, Campus Ministro Petrônio Portela, Bairro Ininga, Teresina, Piauí, Brasil, CEP 64049-550.
Homepage: ppgcm.ufpi.br - E-mail: materiais@ufpi.edu.br - Tel: 86 3237-1057

Evaluation Committee

It is a pleasure for me to inform you that this researcher, Dr. Rômulo Ribeiro Magalhães de Sousa, and other researchers in the postgraduate program in Materials Science and Engineering at the Federal University of Piauí - PPGCM/UFPI, have been working closely in scientific investigations with the Dr. Muhammad Naeem, who currently works as an Assistant Professor of Physics at Women University of Azad Jammu And Kashmir. As a result of this collaborative work, several scientific papers has been generated and published in prestigious international journals.

I also want to declare that due to the exceptional work of collaboration with us from PPGCM/UFPI, Dr. Naeem has access to various equipment to carry out characterizations for the elaboration of scientific works. We believe that the availability of this equipment will help the goals and objectives of the project titled "Metallic and Metal-Oxide Nanoparticles Synthesis by Atmospheric Pressure Microplasma and their Biomedical Applications" to be successfully achieved.

Among the available equipment, the following stand out:

- Scanning electron microscope
- Optical microscope
- Raman Spectroscopy Technique
- X-ray diffraction technique
- Pin on Disk Tribometer with capacity for register friction coefficient and carry wet tests at different normal loads and test velocities.
- Micro indentation technique.
- Vickers, Rockwell and Brinell scales hardness.
- Equipment for metallic samples preparation and metallographic analysis.

As a request of Dr. Naeem, the present is extended in Teresina-Piauí, Brazil in July 2025

Please contact me for any additional information.

Sincerely,

Dr. Rômulo Ribeiro Magalhães de Sousa

Physics of Materials Group Researcher

PPGCM/UFPI

