



**Institute of Physics**  
Vol. 02, 2025

Welcome to the latest edition of the Institute of Physics (IoP) newsletter, to highlight the dynamic blend of academic achievements, groundbreaking research, and vibrant extracurricular activities within our institute. In this issue, we celebrate the exceptional progress in both teaching and research, showcasing our faculty's latest projects and student accomplishments.



### A Word from Director

At the Institute of Physics, we envision becoming a global hub for physics excellence through strategic collaborations with top international institutions. Our mission is to empower students with the knowledge, skills, and courage to tackle pressing national and international challenges. By fostering a culture of innovation and research, we aim to inspire the next generation of physics leaders. With our vibrant faculty and state-of-the-art facilities, I am confident that IoP will soon shine brightly on the global stage.

### Enhancing Knowledge

The IoP is home to numerous students across BS, MPhil, and PhD programs. To enhance students' knowledge and broaden their perspectives, the institute regularly organizes invited talks by eminent physicists, educational trips, and seminars. These initiatives provide valuable opportunities for students to engage with experts, explore real-world applications of physics, and stay informed about the latest developments in the field.



### IoP Achieves Excellence

In 2024, six esteemed faculty members from the IoP were recognized among the top 2% of scientists worldwide by Stanford University. This prestigious distinction underscores the IoP's unwavering commitment to excellence in research and its pivotal role in shaping the careers of world-class physicists. It is a testament to the dedication and groundbreaking contributions of our faculty to the global scientific community..



### Editors:

- Prof. Dr. Altaf Hussain
- Dr. Abdul Quader
- Dr. Faseeh ur Raheem



# Happening at IoP



# Achieving Excellence

The IoP hosted an exciting Sports Gala for its students on December 19th and 20th, 2024, fostering team spirit and healthy competition. The event featured a variety of sports activities, allowing students to showcase their athletic abilities while promoting physical fitness and camaraderie. It was a memorable occasion, strengthening the bond among students and encouraging an active and balanced lifestyle within the academic community.

On December 26, 2024, the Faculty of Physical and Mathematical Sciences organized a Sports Gala for the IoP, Mathematics, and Geography. IoP students and faculty participated remarkably, showcasing their athletic skills and achieving great success by winning several events. The event fostered a spirit of camaraderie and healthy competition within the academic community.

The IoP organized an educational and entertainment trip for BS and MS students, providing them with an opportunity to explore new learning experiences outside the classroom. The trip combined educational visits and recreational activities, enriching students' academic knowledge while offering a fun and engaging break from their studies. This initiative fostered a sense of community and encouraged a well-rounded approach to learning.

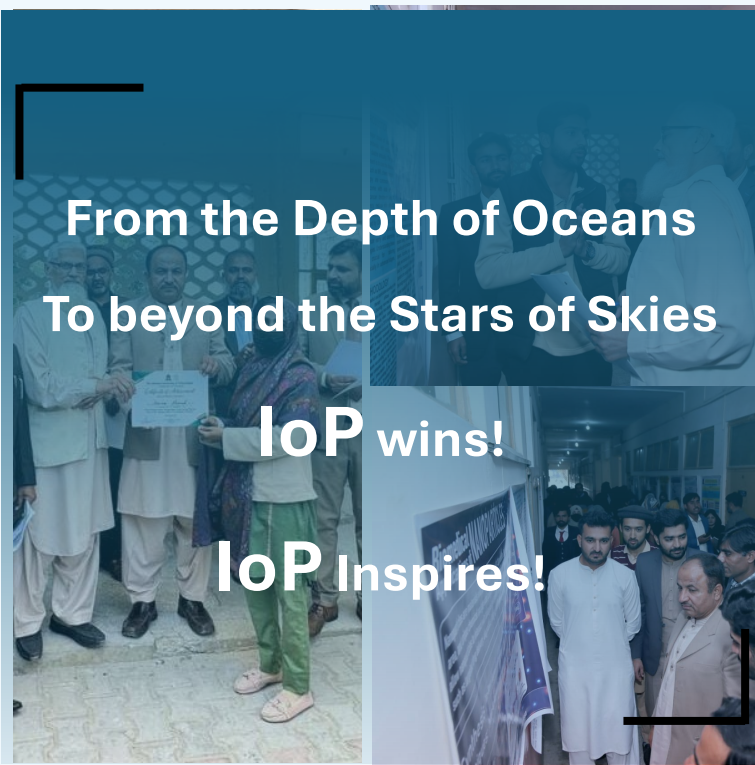


The IoP is excited to announce a series of upcoming events, including an engaging **Seminar Series** featuring renowned experts in various fields of physics, an **International Conference** that will bring together leading scientists and researchers from around the world, and the much-anticipated **Annual Dinner** to celebrate the achievements of faculty, students, and staff. These events aim to foster collaboration, enhance learning opportunities, and strengthen the sense of community within the IOP.



# From the Depth of Oceans To beyond the Stars of Skies

**IoP wins!**  
**IoP Inspires!**



## Former Professors Visit IoP to Share Expertise with Faculty

The IoP recently had the privilege of hosting several former professors, including Prof. Dr. Asghar Hashmi, Prof. Dr. Rao Muhammad Afzal, Prof. Dr. Shahid Naveed, and Prof. Dr. Arshad Chaudhary, who returned to share their insights and experiences with the current faculty. The esteemed visitors offered valuable guidance on emerging research trends, teaching methods, and the importance of collaboration in advancing the field of physics.

Through engaging discussions, the professors emphasized the need for adaptability in both research and education, and shared personal stories about their careers that resonated deeply with faculty members. Their visit provided an excellent opportunity to strengthen the academic community and inspire both new and experienced faculty to continue pushing the boundaries of knowledge.

The Institute looks forward to fostering more interactions with former professors, whose contributions continue to shape the future of physics education and research.



We are proud to share that several of our talented students have embarked on exciting academic and professional journeys this year. Zeshan Javed has pursued his PhD at the prestigious Harbin Institute of Technology in **China**, while Waseem Afzal has joined the Institute of Low Temperature and Structure Research for his doctoral studies at **Poland**. Aamir Saleem has continued his academic career at the University of Genoa in **Italy**, and Areeba Iqbal has moved on to pursue a PhD at Brock University in **Canada**. In addition, many other students from the IoP have gone on to study and work at renowned universities and leading industries around the world, furthering their expertise and contributing to global advancements.

We are pleased to feature section-wise group photos of our graduating batches, who are now ready to make meaningful contributions to the world. The IoP extends its heartfelt congratulations and best wishes for success in all their future endeavors.



Zeshan Javed



Waseem Afzal



Aamir Saleem



Areeba Iqbal with Dr. Donna Strickland (Nobel Laureate)

