



# PASTIC

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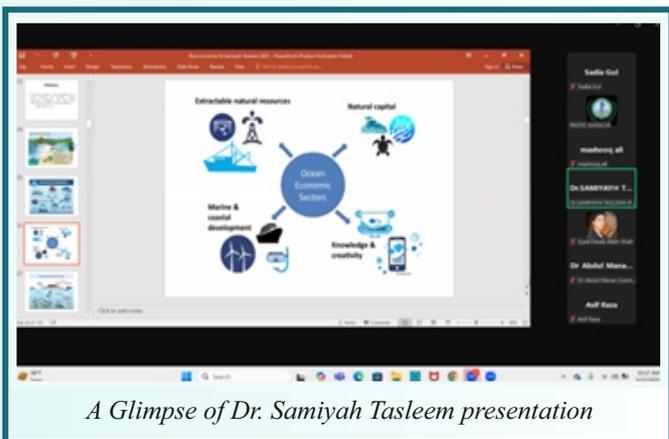
## May-June 2025

# NEWSLETTER

### Webinar on “HARNESSING THE BLUE ECONOMY: SUSTAINABLE GROWTH FROM OCEAN RESOURCES”

PASTIC Sub Centre Karachi organized a webinar on “Harnessing the Blue Economy: Sustainable Growth from Ocean Resources” on May 23, 2025, via Zoom at PSCK. The event convened more than 65 researchers, academics, and professionals from universities and research institutions across Pakistan.

Ms. Afsheen Tariq, Assistant Director (STI), PASTIC Sub-Centre Karachi introduced PASTIC key services, underscoring its status as a leading national institution dedicated to advancing scientific research and innovation. Dr. Samiyah Tasleem, Assistant Professor at the Hafiz Muhammad Ilyas Institute of Pharmacology & Herbal Sciences, Hamdard University, Karachi, and a renowned expert in microbiology and biotechnology was the resource person of this session.



*A Glimpse of Dr. Samiyah Tasleem presentation*

She provided valuable insights into the vast potential of the blue economy, focusing on emerging sectors such as biotechnology, marine pharmacology, and sustainable resource management. Her comprehensive presentation effectively combined scientific rigor with practical, actionable strategies for harnessing marine resources in an environmentally responsible and economically beneficial manner.

The session featured a dynamic Q&A segment, where participants engaged with Dr. Tasleem to clarify key concepts and explore the applications of her research.

In her closing remarks, Ms. Afsheen Tariq expressed heartfelt thanks to Dr. Tasleem

for her thought-provoking and insightful presentation.

### ONE-DAY SEMINAR ON INTELLECTUAL PROPERTY RIGHTS (IPRs).

A one-day seminar on Intellectual Property Rights (IPRs) at university of Lahore was jointly organized by PASTIC, IPO Pakistan, and University of Lahore, (UoL), on June 24, 2025. The seminar brought together academics, professionals, and students to explore the fundamentals of patents and innovation protection mechanisms in Pakistan.

The seminar was officially inaugurated with a keynote address by Prof. Dr. Muhammad Iqbal, Director ORIC and Dean of Sciences at UOL, who underscored the increasing importance of IPRs in driving innovation and economic development.

Mr. Ali Raza Khan, Additional Director (STI) at PASTIC, served as guest of honor and highlighted national initiatives aimed at raising awareness and strengthening enforcement of Intellectual Property Rights. Prof. Dr. Muhammad Ashraf, Rector of UOL, addressed the audience, emphasizing the university's commitment to advancing research and safeguarding intellectual pursuits.

The seminar featured two technical sessions led by Ms. Shakra Khurshid, Senior Examiner of Patents at the IPO Regional Office, Lahore. Session-1 (10:15–11:00 AM) was focused on the Introduction to Patents and the structure of patent applications. Participants were trained in drafting provisional and complete specifications, gaining practical insight into the anatomy of a patent document from the abstract to drawings.

Session-2 (11:00 AM–1:00 PM) was dedicated to Patent Claims Drafting. Ms. Khurshid guided attendees through common pitfalls and effective techniques in writing precise and enforceable claims—crucial for avoiding costly legal and procedural errors.

The event continued with an open Q&A session, where participants engaged the resource person with insightful questions. The program continued with an



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experience-sharing segment, where participants shared key learning and reflections from the earlier sessions. Chairperson IPO-Pakistan, Ambassador (R) Farukh Amil, in his concluding remarks, appreciated the speakers and participants, reiterating the importance of IPR education in academic institutions. Certificates of participation were awarded, concluding a well-executed and intellectually rewarding event.



*A group photo of participants/resource person and dignitaries at IPRs seminar at UOL*

## “COMPREHENSIVE TEACHER TRAINING PROGRAM ON BLOOM'S TAXONOMY”

PASTIC Sub-Centre Karachi, in collaboration with the Pakistan Group of Colleges (PGC), organized a “Comprehensive Teacher Training Program on Bloom's Taxonomy” on June 23, 2025 at the Pakistan Institute of Rehabilitation & Medical Sciences (PIRMS), Karachi.

The training was attended by 30 participants, including teachers, instructors, and facilitators from various academic institutions and disciplines. The primary objective of the program was to enhance pedagogical skills, and to encourage the exchange of best teaching practices.

Dr. Saba Memon, Director and Research Head at Pakistan Group of Colleges commenced the seminar by delivering a welcome address. Dr. Ruqaya Nangrejo, Deputy Registrar and Associate Professor of Physiology at Baqai Medical University, facilitated the training session. She delivered an insightful and interactive session on “Training of Teachers in Bloom's Taxonomy”, focusing on the integration of innovative teaching strategies and digital tools into classroom practice. Partici-

pants explored the six cognitive levels of Bloom's Taxonomy.



*Group photo of the participants of “Comprehensive Teacher Training Program on Bloom's Taxonomy” at PIRMS, Karachi*

The program concluded with closing remarks by Ms. Afsheen Tariq, who thanked the management of Pakistan Group of Colleges (PGC) for their generous support and collaboration in making the training program a success.

## TRAINING WORKSHOP TITLED “ENHANCE YOUR TEACHING SKILLS AND ELEVATE ACADEMIC EXCELLENCE”

PASTIC Sub-Centre Karachi, in collaboration with the Pakistan Group of Colleges (PGC), organized a training workshop titled “Enhance Your Teaching Skills and Elevate Academic Excellence” on June 28, 2025 at the Pakistan Institute of Rehabilitation & Medical Sciences (PIRMS), Karachi.

The workshop aimed to empower educators with innovative teaching methodologies, strengthen pedagogical practices, and promote academic excellence through interactive learning sessions.

The session was attended by 29 participants, including teachers, instructors, and facilitators from various academic institutions. The event commenced with a welcome address by Dr. Saba Memon, Director and Research Head at PGC. She offered a concise overview of PASTIC's core services, highlighting its pivotal role in advancing education and research across Pakistan.

The training was facilitated by Dr. Ruqaya Nangrejo, Deputy Registrar and Associate Professor of Physiology at



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Baqai Medical University. Her session focused on contemporary teaching strategies, dynamic student engagement methods, and practical classroom management techniques. The workshop concluded with an interactive Q&A segment, where participants exchanged insights and addressed common instructional challenges.

In her closing remarks, Dr. Memon expressed gratitude to the PASTIC representative, Syed Shabib Muhammad (Science Assistant), for his active participation, collaboration, and PASTIC's continued efforts in enhancing professional capacity in the education sector.

## Workshop on "PSG 2023 Pakistan Precepts Standards and Guidelines for Quality Assurance"

A pivotal workshop titled "PSG 2023: Pakistan Precepts, Standards, and Guidelines for Quality Assurance" was held on June 19, 2025, at Cholistan University of Veterinary and Animal Sciences (CUVAS), Bahawalpur. The event was jointly organized by the Pakistan Scientific and Technological Information Centre (PASTIC), the Pakistan Science Foundation (PSF), and the Quality Enhancement Cell (QEC), CUVAS, Bahawalpur.



Group photo of the Participants of workshop of "PSG 2023 Pakistan Precepts Standards and Guidelines for Quality Assurance" at CUVAS, Bahawalpur.

The workshop was honored by the presence of Patron in Chief, Vice Chancellor, Prof. Dr. Muhammad Mazhar Ayaz, reflecting the event's institutional importance. Attendees benefited from the knowledge and expertise shared by esteemed guest speakers, namely Prof. Dr. Asad Ullah Madni (Director QEC, IUB), Mr. Rao Mazhar Hussain (Additional Director QEC,

IUB), and Mr. Muhammad Hasnain (Additional Director, PASTIC), who offered valuable insights during their addresses.

Attendees gained valuable insights from distinguished guest speakers, including Prof. Dr. Asad Ullah Madni (Director QEC, IUB), Mr. Rao Mazhar Hussain (Additional Director QEC, IUB), and Mr. Muhammad Hasnain (Additional Director, PASTIC).

The discussions centered on the significance of PASTIC, internal and external quality assurance practices, and strategies for reviewing and enhancing institutional performance. The event was attended by 32 participants, who acknowledged PASTIC's significant contribution to advancing research activities.

## Event/ Webinar /Meeting Attended

a. On May 22, 2025, eleven nominated Sectional Heads and staff officers from PASTIC participated in a training workshop on the E-Government Module (E-Office), organized by the Federal Government at the PSF Auditorium. The session focused on strengthening digital documentation practices within the organization.



Group photo of the Participants of a training workshop on E-Filing held at PSF, Islamabad

b. Dr. Syed Aftab Hussain Shah, Additional Director (STI), PASTIC attended the COMSATS online workshop on "Enhancing University-Business and R&D-SME Collaboration for Innovation & Growth," on May 27, 2025.

c. Dr. Maryum Ibrar, Additional Director (STI) attended webinar on Effective methods of Literature review on Scopus held on May 29, 2025 organized by Elsevier ResearcherAcademy.



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d. Dr. Syed Aftab Hussain Shah, Additional Director (STI), PASTIC attended the COMSATS webinar on "Towards Digital Transformation: Ensuring an Equitable and Inclusive Society," held on June 17, 2025.

e. Mr. Saifullah Azim, Principal System Analyst and Dr. Maryum Ibrar, Additional Director (STI) attended Pakistan Open Data Conference 2025 and Launch Ceremony of the National Open Data Portal on June 12, 2025 hosted by the National Centre in Big Data and Cloud Computing (NCBC), Lahore University of Management Sciences (LUMS), in collaboration with the Ministry of Planning, Development and Special Initiatives. National Open Data Portal, would serve as a central platform for public access to government datasets across vital sectors such as healthcare, education, economy, environment, infrastructure and demographics. Federal Minister for Planning Ahsan Iqbal

commended the NCBC's achievement for making this national platform a reality.



*Ambassador Dr. M. Nafees Zakaria, Executive Director COMSATS (center) delivering welcome remarks during the Webinar.*



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