



# PASTIC

Volume 8, Issue 12

# NEWSLETTER

## December 2025

### Two-days Training Workshop on “Learn How to Write Research Papers/Thesis Using LaTeX”

The Pakistan Scientific and Technological Information Center (PASTIC) successfully concluded a two-days training workshop on “Learn How to Write Research Papers/Thesis Using LaTeX”, on December 16–17, 2025, at the PASTIC, QAU Campus, Islamabad.

The training was designed to equip researchers, students, and professionals with essential skills in scientific writing and technical documentation using LaTeX, a powerful open-source typesetting system widely used in academia and research worldwide. Participants were briefed on PASTIC's specialized research-oriented services. Dr. Muhammad Usman, Database Administrator was the resource person of the workshop.

The workshop brought together more than 25 researchers and students representing leading academic and research institutions, including Quaid-i-Azam University (QAU), International Islamic University (IIU), Fatima Jinnah Women University, Pakistan Atomic Energy Commission (PAEC), and other organizations.



*Dr. M. Usman, Database Administrator PASTIC delivering his lecture on Latex*

During the workshop participants were provided hands-on training in LaTeX, covering fundamentals of academic writing on the first day one and advanced features for preparing publication-ready research documents on the next day. At the end of workshop, certificates were awarded to the participants and the resource person. This initiative demonstrates PASTIC's commitment for strengthening the country's research ecosystem by empowering researchers.

### Workshop on “Research Methodology and Research Paper Writing”

PASTIC Quetta organized a one day training workshop on “Research Methodology and Research paper writing” in collaboration with Post Graduate Medical Institute(PGMI), Sandeman Civil Hospital Quetta, on December 2, 2025.

The workshop was primarily designed for Ph.D. students. A total of 60 participants along with 10 faculty members attended the workshop. Nayab Khan, Assistant Professor, Department of Zoology, University of Balochistan served as the resource person. The workshop aimed to enhance the understanding of scientific research principles and develop practical skills among students, researchers, and medical professionals for writing high-quality research papers.

Prof. Noor Ahmed Khosa, Director (PGMI) Chief Guest emphasized the significance of research in modern scientific development and highlighted the need for research capacity building in Balochistan. Dr. Abdul Hafeez Sial, Vice Principal of Dental College Quetta and Guest of Honor, appreciated the educational and research services of PASTIC and its role in promoting scientific culture in the province.

At the closing ceremony shields were presented to the distinguished guests while certificates were awarded to senior doctors, researchers and participants. The dedicated efforts of chief organizer Dr. Mir Abdul Qadir, Additional Director (PGMI) and Mr. Abdul Khaliq Sial, Assistant Director (STI), PASTIC Sub Centre Quetta were highly acknowledged.



*Prof. Dr. Noor Ahmed Khosa, Director PGMI presenting shield to Mr. Abdul Khaliq Sial, Asst. Dir. (STI), PASTIC, Quetta*



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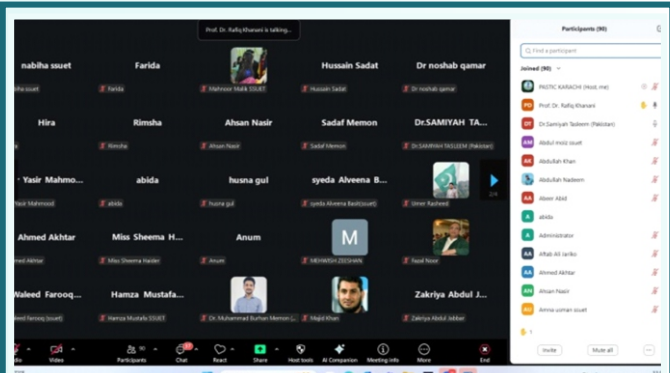
### ONE-DAY WEBINAR ON "SCIENCE, INNOVATION & ENTREPRENEURSHIP FOR THE UN SUSTAINABLE DEVELOPMENT GOALS (SDGs)"

PASTIC Sub-Centre Karachi organized a webinar titled "Science, Innovation & Entrepreneurship for the UN Sustainable Development Goals (SDGs)" on December 19, 2025 via the Zoom platform.

The webinar attracted over 90 researchers and faculty members from universities and research & development organizations across Pakistan, demonstrating strong national interest in promoting SDGs-oriented science, innovation, and entrepreneurship.

The session featured Dr. Samiyah Tasleem as the Resource Person, who delivered an insightful presentation highlighting the role of innovation-driven entrepreneurship and applied research in achieving the UN SDGs. Her talk covered key thematic areas including health technologies, climate and environmental solutions, agri-tech innovations, food security, and innovation leadership, with a strong emphasis on practical impact, policy engagement, and societal relevance.

Ms. Afsheen Tariq, Assistant Director (STI), PASTIC Sub-Centre Karachi, provided an overview of the webinar and highlighted PASTIC's mandate, objectives, and library and information services for the research community. She also encouraged participants to register on the National Scientist Directory (NSD), a national platform designed to enhance researcher visibility and foster collaboration across institutions.

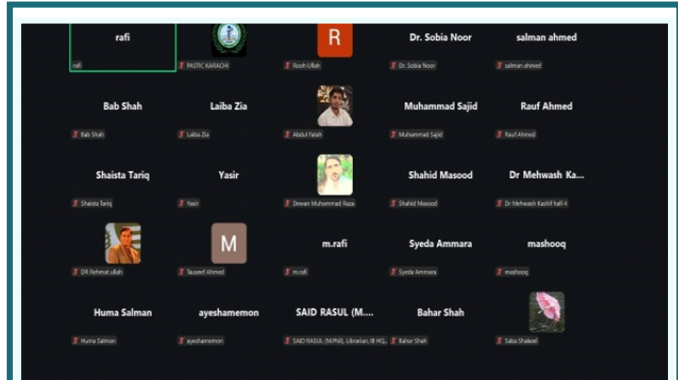


Glimpse of the webinar showing participation during the session

question-and-answer session, during which participants discussed challenges, emerging opportunities, and effective pathways for translating research outcomes into meaningful societal impact. Participants appreciated PASTIC's initiative and continued efforts in promoting research-driven innovation and entrepreneurship across Pakistan.

### ONE-DAY WEBINAR ON "HARNESSING THE POWER OF DATA USING ORANGE TOOL AND PYTHON FOR DATA ANALYTICS"

PASTIC Sub-Centre Karachi organized a webinar on "Harnessing the Power of Data Using Orange Tool and Python for Data Analytics" via Zoom on December 23, 2025, drawing over 50 participants from universities and organizations across Pakistan. Hafiz Syed Muhammad Rafi, Senior Lecturer, Department of Computer Science, Iqra University, conducted the session, covering practical applications of the Orange Data Mining Tool and Python, with emphasis on machine learning fundamentals and real-world applications. The webinar was moderated by Ms. Afsheen Tariq, Assistant Director, PASTIC Sub-Centre Karachi, who highlighted PASTIC's role in research support and capacity-building. The session successfully enhanced participants' awareness and skills in modern data analytics tools.



Glimpse of the webinar showing participation during the session

### WEBINARS ON "LEARN SMART REFERENCE MANAGEMENT WITH MENDELEY"

PASTIC Sub-Center, Faisalabad organized two webinars on "Learn Smart Reference Management with Mendeley" in collaboration with CUVAS and KFUEIT on December 4 & 11, 2025, drawing around 90 participants. Muhammad



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Hasnain (Additional Director, PASTIC), Prof. Dr. Bilal (Director QEC, CUVAS), and Muhammad Ashraf (Additional Director ORIC, KFUEIT) highlighted PASTIC's services and the role of emerging technologies in modern research. Dr. Maryam Ibrar (Additional Director, PASTIC) led the two-hour sessions, covering reference management basics, Mendeley's key features — including organizing papers, generating citations, creating bibliographies, and MS Word integration — supported by a live demonstration.



*A Glimpse of the webinar at CUVAS showing presentation slide*

### E-Abstract Book of 3<sup>rd</sup> INTERNATIONAL CONFERENCE ON RECENT APPROACHES IN PLANT SCIENCE

PASTIC collaborated with the Department of Botany, University of Education, Lahore to support the conference on "Recent Approaches in Plant Sciences" held on November 12, 2025, by publishing the e-Abstract Book of proceedings.



*E-Abstract Book of 3<sup>rd</sup> International Conference on Recent Advances in Plant Sciences published by PASTIC (cover page)*

The e-Abstract Book serves as an official record of the conference, facilitating research dissemination among scholars and professionals while enhancing the institution's academic visibility. It also functions as a promotional medium for PASTIC as part of its broader awareness campaign.

### EVENT/ WEBINAR / MEETING ATTENDED:

a. A one-day training session on “Academic and Scientific Writing”, held on December 01, 2025, by the Department of Chemistry, Women University Mardan. Dr. Ghazala Ali Khan Additional Director (STI) participated as resource person. The Vice Chancellor, Prof. Dr. Razia Sultana, appreciated the efforts of Dr. Naila Zubair (HoD, Chemistry) and Dr. Ghazala Ali Khan Additional Director, PASTIC-PSF for organizing this valuable academic activity. She emphasized the importance of such initiatives in strengthening academic and research skills and expressed hope for continued training opportunities in the future.



*Dr. Ghazala Ali Khan Additional Director (STI) receiving shield as a resource person.*

b. Ms. Afsheen Tariq, Assistant Director, PASTIC Sub-Centre Karachi, attended a webinar on "Halal Standards & Quality Infrastructure" organized by AlHuda Centre of Islamic Banking & Economics via Zoom on December 23, 2025. Mr. İhsan Övüt, Secretary General, SMIIC, Turkey, shared insights on international Halal standardization, accreditation, and quality infrastructure across OIC member states.

c. Muhammad Hasnain, Additional Director (STI) PASTIC, met with Prof. Dr. Rashid Masood, Rector National Textile University, and senior faculty members on



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December 16, 2025. The meeting aimed to introduce PASTIC's services, with a focus on updating indigenous databases such as the NSD and Project Directory.

d. Mr. Saifullah Azim, PSA (IT), and Dr. Syed Aftab Hussain Shah, Additional Director (STI), met with Mr. Shakeel Ahmed, Deputy Chief/Secretary PCST on December 9, 2025, to discuss the acquisition of industry data.

### PASTIC AWARENESS STALLS:

The Islamabad Science Festival (ISF) 2025 was held on December 22–23 at PNCA, featuring exhibits in robotics, AI, clean energy, and STEM innovations, drawing students, researchers, and the general public. PASTIC set up an awareness stall at the festival, showcasing its services and

initiatives, and highlighting its role in promoting scientific knowledge, research support, and innovation across Pakistan.



*Mr. Waqar Ahmad, ASIO, PASTIC, briefing visitors about PASTIC services at ISF 2025*



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