



PASTIC

Volume 8, Issue 11

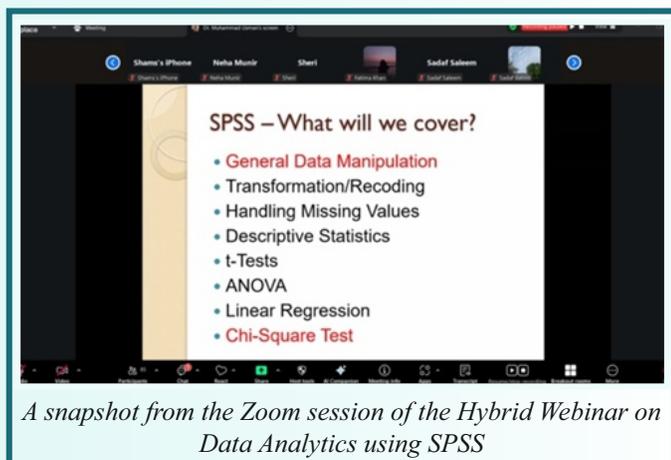
NEWSLETTER

November 2025

Webinar on Data Analytics using SPSS

The Pakistan Scientific and Technological Information Centre (PASTIC) conducted a hybrid webinar on “Data Analytics using SPSS” on November 4, 2025. The session provided an introductory overview of the Statistical Package for the Social Sciences (SPSS), focusing on how researchers can effectively analyze and interpret their data using this powerful statistical tool. Dr. Muhammad Usman, Database Administrator was the resource person of this webinar.

The webinar was attended by over 90 participants online and 10 members in person at the PASTIC IT Training Lab. Participants represented a diverse range of universities and organizations, across Pakistan.



A snapshot from the Zoom session of the Hybrid Webinar on Data Analytics using SPSS

One-day Training Workshop on Data Analysis using SPSS

The Pakistan Scientific and Technological Information Centre (PASTIC) National Centre organized a one-day hands-on training workshop on “Data Analysis Using SPSS”, on November 5, 2025 at PASTIC National Centre, Islamabad. Dr. Muhammad Usman, Database Administrator was the resource person of this webinar.

A total of 25 participants from various departments of QAU and the International Islamic University (IIU) attended the workshop. The training covered fundamental concepts of data analysis, including setting up data files, managing different data types, performing data cleaning operations such as transformations and missing value analysis, and generating descriptive statistics.

Speaking at the event, Mr. Saifullah Azim, Principal System Analyst at the PASTIC National Centre, emphasized the value of such training initiatives, noting that they help students and researchers enhance their analytical skills and make well-informed, data-driven decisions. PASTIC remains committed to fostering a research culture that empowers scholars to contribute effectively to national scientific and technological progress.



Group photo of the participants of workshop on data analysis using SPSS

One-day Training Workshop on E-Filing and Office Automation

The Pakistan Scientific and Technological Information Centre (PASTIC) organized a one-day in-house training workshop on “E-Filing and Office Automation” Islamabad, on November 7, 2025 at the PASTIC National Centre, Islamabad. The workshop aimed to enhance the digital competency of officers and officials by promoting efficient and paperless office practices in line with the Government of Pakistan's vision for digital governance.

The session was conducted by Mr. Saifullah Azim, Principal System Analyst, Mr. Tariq Mehmood, and Mr. Muhammad Umer, who shared their expertise on electronic file management, e-correspondence, and office automation tools. Around 25–30 officers and officials from PASTIC participated in the workshop.

The workshop provided participants with hands-on training on the use of e-filing systems, digital correspondence protocols, and automation software. It also emphasized the importance of transparency, effi-



PASTIC

Volume 8, Issue 11

NEWSLETTER

November 2025

ciency, and accountability through the adoption of electronic administration. Speaking on the occasion, the resource persons highlighted how e-Office and other automation tools can streamline workflows, reduce physical file movement, and improve coordination among departments.



View of PASTIC officers and officials during training workshop on “E-Filing and Office Automation”

SEMINAR ON RESEARCH FOR ALL – EMPOWERING UNDERGRADUATE RESEARCHERS

The Pakistan Scientific and Technological Information Centre (PASTIC), in collaboration with the Department of Pharmacy, Quaid-i-Azam University (QAU), organized a seminar on “Research for All – Empowering Undergraduate Researchers” on November 13, 2025 at the Saulat Institute of Pharmaceutical Sciences and Drug Research's Seminar Hall, QAU. Dr. Muhammad Usman, Database Administrator was the resource person of this webinar.

The event aimed to encourage a research-oriented mindset among undergraduate students and introduce them to essential scientific tools and methodologies. More than 75 students and young researchers participated in the session, where they received guidance on research practices, data management, and analytical techniques.

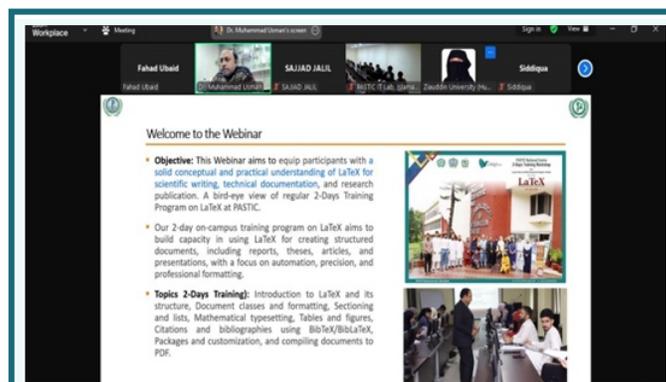
The seminar concluded with an engaging discussion on the importance of data-driven approaches in academic projects. Participants commended PASTIC's efforts to foster a strong research culture and empower emerging scientists through targeted capacity-building initiatives.



Participants during the Seminar at Saulat Institute of Pharmaceutical Sciences and Drug Research, QAU.

WEBINAR ON LATEX FOR SCIENTIFIC WRITING

PASTIC National Center, Islamabad successfully conducted a hybrid webinar titled “LaTeX for Scientific Writing” on November 21, 2025. The session was attended by 44 researchers, faculty members, and professionals from various universities and organizations across the country. Dr. Muhammad Usman, Database Administrator was the resource person of this webinar.



A view of hybrid webinar on “LaTeX for Scientific Writing”

The session offered an introductory yet comprehensive overview of LaTeX, emphasizing its importance in preparing research papers, theses, and other academic documents with accuracy, consistency, and professional formatting. Participants joined both online and on-site at the PASTIC IT Lab, where the interactive setting allowed for meaningful discussion and hands-on learning.



PASTIC

Volume 8, Issue 11

NEWSLETTER

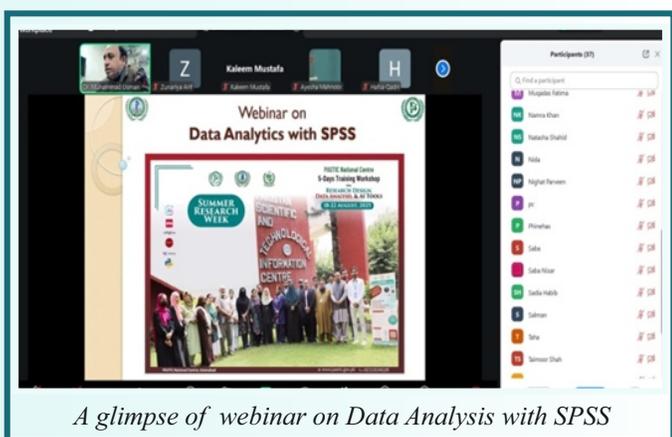
November 2025

This training reflects PASTIC's continued commitment to strengthening Pakistan's research ecosystem by offering high-quality capacity-building opportunities.

ORIENTATION WEBINAR ON DATA ANALYSIS WITH SPSS

The Pakistan Scientific and Technological Information Centre (PASTIC) National Center at Quaid-i-Azam University (QAU) Campus, Islamabad, conducted a hybrid orientation webinar on “Data Analysis with SPSS” on November 27, 2025. Dr. Muhammad Usman, Database Administrator, was the resource person for this webinar.

The session was attended by approximately 50 participants from various universities and organizations across the country, including International Islamic University Islamabad (IIUI), Islamia University of Bahawalpur, Quaid-i-Azam University, University of Karachi, Sindh Education Department, and others. The webinar provided an essential introduction to the Statistical Package for the Social Sciences (SPSS), equipping participants with practical knowledge in basic data handling, descriptive statistics, and fundamental analytical techniques.



A glimpse of webinar on Data Analysis with SPSS

Participants praised the interactive format of the webinar, which allowed for real-time questions and discussions, enhancing their learning experience. The webinar's success underscores PASTIC's dedication to providing accessible and valuable educational resources. By continually offering such training programs, PASTIC plays a pivotal role in nurturing the analytical skills necessary for research excellence and scientific innovation in Pakistan.

A MULTIDIMENSIONAL EVENT INTEGRATING BREAST CANCER AWARENESS, WORLD FOOD DAY, AND THE TRANSFORMATIVE POWER OF PSYCHOLOGICAL WELLBEING

A dynamic and multidimensional event was organized by the Department of Biomedical Engineering at Sir Syed University of Engineering & Technology (SSUET), in collaboration with PASTIC Sub-Centre Karachi and other partners, on November 6, 2025 integrating Breast Cancer Awareness, World Food Day, and the Transformative Power of Psychological Wellbeing. The objective of the event was to raise awareness about cancer prevention, highlight the importance of healthy dietary practices, and emphasize mental resilience. More than 200 participants, including students, faculty members, researchers, and representatives from various industries, attended the seminar.

The inaugural session was led by Ms. Afsheen Tariq, Assistant Director (STI), PASTIC Sub-Centre Karachi, who highlighted PASTIC's vital role in promoting scientific awareness. Prof. Dr. Sidra Abid Syed, Chairperson of the Biomedical Engineering Department at SSUET, emphasized the importance of integrating biomedical innovation, nutrition, and mental wellness to foster comprehensive health.



Assistant Director (STI) Karachi Sub Centre receiving a token of appreciation from Chief Guest

WEBINAR ON LEARN SMART REFERENCE MANAGEMENT WITH MENDELEY

A Webinar on “Learn Smart Reference Management with Mendeley” held on November 11, 2025 at Govt. College



PASTIC

Volume 8, Issue 11

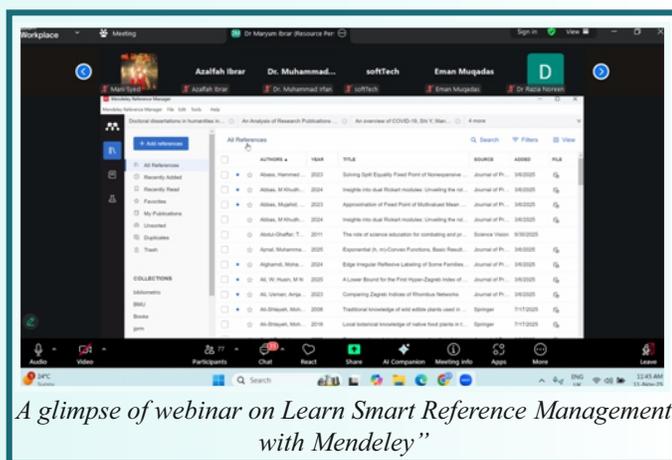
NEWSLETTER

November 2025

University Faisalabad. 77 participants from university and surrounding organizations attended this Session. The session offered a live demonstration of Mendeley's full functionality, helping participants understand how they can save time and improve accuracy in writing and research smartly using this intelligent tool.

Muhammad Hasnain (PASTIC), Additional Director (STI) Sub Centre Faisalabad introduced PASTIC's services, highlighting its role in scientific knowledge dissemination and research support, Prof. Dr. Muhammad Shahid, Director ORIC GCUF emphasized modern research practices and emerging technologies.

During the 1–2 hour session, participants were introduced to the basics of reference management and saw how Mendeley can simplify academic and research work. The session covered key features such as organizing research papers, generating citations, creating bibliographies, and integrating Mendeley with Microsoft Word. A live demonstration helped attendees understand how these tools work in real time.



A glimpse of webinar on Learn Smart Reference Management with Mendeley”

The session was well received by students, researchers, and faculty members who are keen to improve their research workflow. This webinar served as a helpful starting point for anyone looking to manage references more efficiently and write smarter with Mendeley. This webinar was delivered by Dr. Maryam Ibrar, Additional Director (STI), PASTIC.

Online Session on “Literature Searching and Management Skills for Researchers”

A webinar on “Literature Searching and Management Skills for Researchers” was held on November 25, 2025, at Baba Guru Nanak University, Nankana Sahib, Punjab, Pakistan. Organized by PASTIC-Faisalabad, PSF, and ORIC, University of Layyah, it drew 50 participants from the university and surrounding organizations. Muhammad Hasnain, Additional Director of PASTIC, introduced PASTIC's services, highlighting its role in promoting scientific knowledge, research support, and access to digital resources.

The session began with an introduction to the fundamentals of literature review by Dr. Maryam Ibrar, Additional Director of PASTIC. Participants were then briefed on various literature search platforms, including freely accessible resources and those subscribed through the Higher Education Commission (HEC). AI-assisted literature search tools—such as Research Rabbit, Semantic Scholar, and SciSpace—were also introduced. The program concluded with an in-depth demonstration of the Mendeley Reference Manager, showcasing its library management features, integrated PDF reader, web plugin, and its capability to generate in-text citations and bibliographies in Microsoft Word.

Prof. Dr. Azhar Rasool, Director of ORIC BGNU, emphasized the importance of modern research practices in diverse scientific disciplines. Participants expressed appreciation for the comprehensive coverage of tools and techniques, noting the immediate applicability of the skills gained. This initiative reflects PASTIC's ongoing commitment to empowering researchers by equipping them with the necessary skills to navigate digital resources effectively. The event highlighted the growing need for digital literacy in academic research, drawing attention to the dynamic landscape of scientific inquiry. Moving forward, similar webinars are planned to continuously support the research capabilities of scholars across the nation.

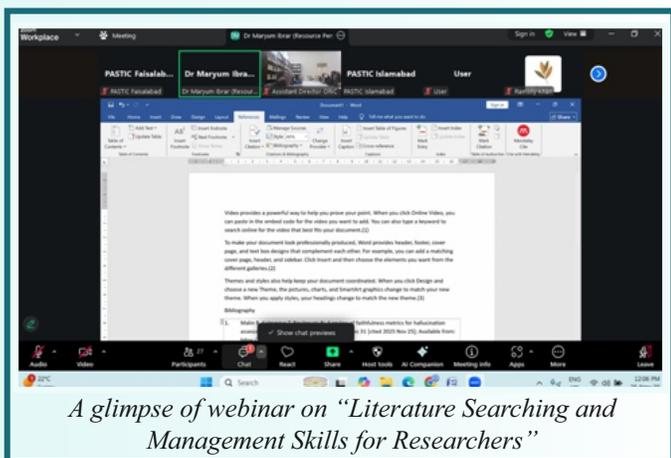


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NEWSLETTER

November 2025



A glimpse of webinar on “Literature Searching and Management Skills for Researchers”

3-Days Hands-on IPR Training: Transform Innovation into Institutional Assets (IPR TIIA-2025)

The 3-days intensive training program titled IPR-TIIA-2025, was organized by PASTIC Regional Office Peshawar, on November 19–21, 2025, with the financial support of the Directorate of Science & Technology (DoST), Government of KP, and in collaboration with ORIC–University of Peshawar at Department of History, Sheikh Muhammad Taimur Academic Block II, University of Peshawar.

Mr. Zahoor Ahmad, Director Quality Enhancement Cell, University of Peshawar served as the resource person and conducted all technical sessions over the 3 days, ensuring an engaging and insightful learning experience for participants.

The core objective of this initiative was to disseminate Intellectual Property (IP) knowledge and build capacity among scientists and academic professionals, particularly those representing the Newly Merged Districts (NMDs) of Khyber Pakhtunkhwa.

This capacity-building program brought together 52 participants from S&T organizations, public and private universities, and the Higher Education Department across KP.

Prof. Dr. M. Akmal (Chairman, Pakistan Science Foundation), Mr. Sajid Hussain Director, Directorate of Science & Technology, DoST–KP Government, Prof. Dr. M. Akram Sheikh Director General, PASTIC, Prof. Dr. Johar Ali, Vice Chancellor, Univer-

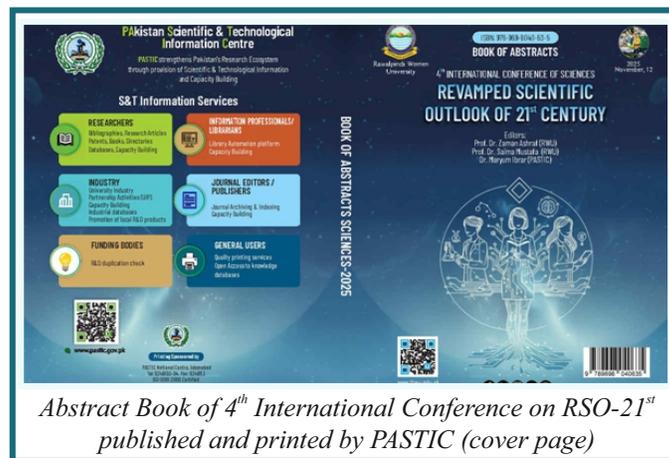
sity of Peshawar, and Prof. Dr. Jehan Bakhat Vice Chancellor, Agriculture University Peshawar graced the closing session. All dignitaries acknowledged and appreciated the efforts of PASTIC-Peshawar, DoST-KP Government, and ORIC-UoP for successfully organizing this impactful training program. Shields and certificates were distributed among participants and the resource person at the conclusion of the event.



Group photo of the 3-days intensive training program titled IPR-TIIA-2025

Abstract Book of INTERNATIONAL CONFERENCE published by PASTIC

PASTIC collaborated with Rawalpindi Women University for organizing of the conference on “Revamped Scientific Outlook of the 21st Century (RSO-21st Century)” by publishing the abstract book. The event was held on November 12, 2025, and brought together researchers, academicians, and professionals from diverse disciplines.



Abstract Book of 4th International Conference on RSO-21st published and printed by PASTIC (cover page)

Through the publication of the abstract book, PASTIC

PASTIC S&T Services Awareness Stall

PASTIC Karachi set up an S&T Services Awareness Stall at SSUET on November 6, 2025, engaging over 100 students and researchers with information on services, publications, and research support.



PSCK officials briefing PASTIC Services to the students

Event/ Webinar /Meeting Attended

- a. Dr. Maryum Ibrar and Dr. Muhammad Usman attended a Capacity Building Workshop on AI and public learning policy during the 28th Sustainable Development Conference at AIOU on November 7, 2025.
- b. Dr. Syed Aftab Hussain Shah participated in the first virtual meeting of the WIPO Inventor Assistance Program (IAP) Steering Committee, organized by IPO-Pakistan.
- c. PASTIC Sub-Centre Karachi held a farewell for Mr. Shahid Jamil, Assistant Director (Admin), celebrating his 40+ years of dedicated service upon his retirement on November 18, 2025.
- d. Ms. Afsheen Tariq visited the “3rd International Food & Agriculture Exhibition 2025” at Expo Centre Karachi on November 27, organized by TDAP.
- e. Ms. Afsheen Tariq also attended the seminar on “Geographical Indication Label for Regional Products of Pakistan” during the FoodAg 2025 Exhibition at Expo Centre Karachi, organized by IPO Pakistan.



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