



# PASTIC

# NEWSLETTER

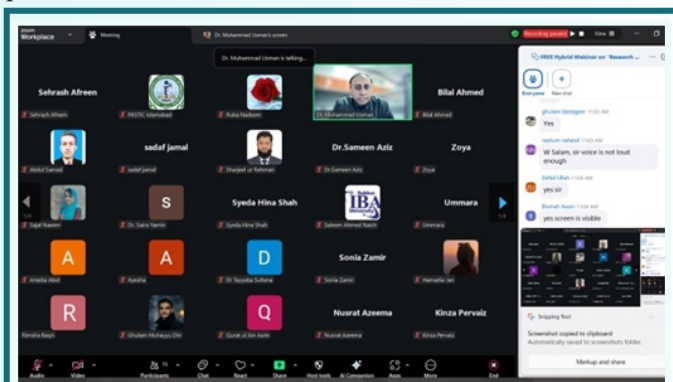
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## Webinar on “RESEARCH / Scientific Paper Writing with LaTeX – Most Widely Used Software for Research Writing”

The PASTIC National Center (PNC), Islamabad organized a webinar on “Research / Scientific Paper Writing with LaTeX – Most Widely Used Software for Research Writing” on February 06, 2026. The webinar was attended by 76 participants, including researchers, faculty members, and students from various universities and research organizations across the country. Dr. Muhammad Usman, Database Administrator was the resource person of this session.

The objective of the webinar was to provide participants with an introductory and comprehensive understanding of LaTeX, a widely used document preparation system for scientific and academic writing. The webinar covered key areas of LaTeX, including basic document structure, preparation of tables, figures, and mathematical equations, as well as reference and citation management through practical demonstrations and exercises.

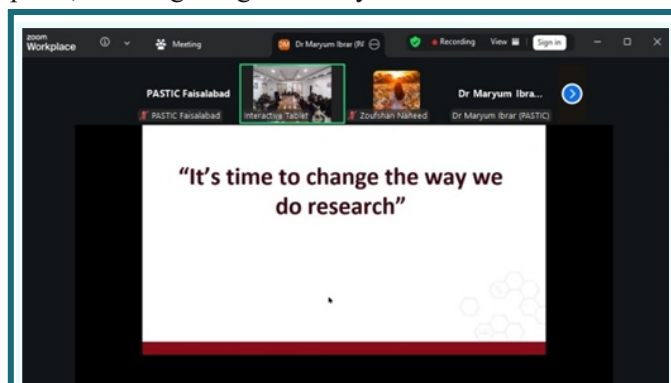


*Glimpse of the webinar on “understanding of LaTeX” showing participation*

## Webinar on “LITERATURE SEARCHING AND MANAGEMENT Skills for RESEARCHERS”

PASTIC Sub-Centre Faisalabad (PSCF) in collaboration with the University of Mianwali organized a webinar on “Literature Searching and Management Skills for Researchers” on February 10, 2026. Dr. Maryam Ibrar, Additional Director (STI), PASTIC, served as the resource person for the webinar. The webinar received an encouraging response, with 70 participants from across the country, including researchers, students, and faculty members.

During the two-hours session, participants were introduced to the fundamentals of literature search and management. It was demonstrated how Mendeley can streamline their academic and research work smartly. They were guided on effective literature searching through the HEC Digital Library and open-access repositories such as PubMed, Semantic Scholar etc. Key features included organizing research papers, generating citations, creating bibliographies, and integrating Mendeley with Microsoft Word.



*Glimpse of the webinar on “Literature Searching and Management Skills for Researchers”*

## Workshop on “Use of Digital Resources for Academic Research”

PASTIC Sub-Centre Faisalabad (PSCF) organized a one-day training workshop on “Use of Digital Resources for Academic Research” at National Textile University Faisalabad (NTU) on February 11, 2026. The workshop brought together 55 researchers and faculty members from NTU. The workshop was conducted by Mr. Omar Farooq, Chief Librarian, University of Agriculture Faisalabad.



*Chief Guest, Prof. Dr. Rashid Masood presenting certificate to the participant*



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Prof. Dr. Rashid Masood, Chief Guest, appreciated PASTIC's efforts in facilitating and supporting scientists and researchers.

### Workshop on "Scientific Writing with LaTeX"

PNC successfully conducted two-days hands-on training workshop on "Scientific Writing with LaTeX" at its National Center located at the Quaid-i-Azam University (QAU) Campus, Islamabad, held from February 11–12, 2026. Dr. Muhammad Usman, Database Administrator was the resource person of this session. A total of 20 participants from Quaid-i-Azam University, Pir Mehr Ali Shah Arid Agriculture University, COMSATS University Islamabad, and NUML attended the hands-on workshop, representing diverse academic and research backgrounds.

During the two-days workshop, participants were introduced to LaTeX and its fundamental concepts, including document structure, text formatting, and table creation on the first day, followed by advanced features on the second day such as table formatting, image insertion and management, page layout settings, mathematical equations, references and citations, document styles, and the use of professional templates.



Group photo of the participants of workshop on "Scientific Writing with LaTeX" at PASTIC, Islamabad

### Webinar on the Role of AI in Shaping the Future of Education

PASTIC Sub-Centre Lahore (PSCL), in collaboration with Virtual University of Pakistan, organized a webinar on the Role of AI in shaping the Future of Education on February 13, 2026. A

total of 43 students, faculty, staff, and researchers attended the session both online and on campus.

Mr. Ali Raza Khan, Additional Director, PSCL, introduced PASTIC S&T information services to scientific community and discussed the importance of AI in today's era. Mr. Nadeem Sohail, Library Automation Consultant, TMC Lahore, served as the resource person and highlighted the role of Artificial Intelligence in transforming higher education.



Glimpse of the webinar on "The Role of AI in Shaping the Future of Education"

### Webinar on "Cybersecurity in the Age of Artificial Intelligence"

A one-day webinar on "Cybersecurity in the Age of Artificial Intelligence" was organized by PSCL in collaboration with University of the Punjab, Lahore on February 23, 2026. The main objective of this webinar was to highlight the role of AI in transforming cybersecurity. Mr. Nadeem Sohail, Library Automation Consultant, TMC Lahore, served as the resource person.

Mr. Ali Raza Khan, Additional Director, PASTIC Lahore, delivered his keynote speech on PASTIC information services for researchers while the technical session covered AI-driven threat detection, cyber-attacks using AI, and strategies to build resilient AI-based security frameworks. Participants also discussed ethical and policy considerations in AI-enabled cybersecurity systems.

The webinar provided practical insights into AI and cybersecurity through an interactive and informative session, and was attended by 54 participants, including professionals, students, and researchers.



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*Banner of the webinar on "Cybersecurity in the Age of Artificial Intelligence"*

### Workshop on "Artificial Intelligence Literacy"

A one-day workshop on Artificial Intelligence Literacy was organized by PASTIC Sub-Centre Quetta (PSCQ) in collaboration with BUIITEMS on February 17, 2026. The main objective of this workshop was to create awareness about role of Artificial Intelligence (AI) in transforming research and education. Dr. Saeed Ahmed Magsi, Assistant Professor, Department of Telecommunication Engineering BUIITEMS was the resource person of this workshop. Around 60 participants, including researchers, doctors, engineers, and faculty members attended the workshop.

The Chief Guest, Muhammad Ahsan Achakzai, Registrar BUIITEMS, appreciated the efforts of PSCQ and assured full cooperation for future programs. At the concluding session, shields and certificates were distributed among the organizers, resource persons, and participants.



*Group photo of the workshop's participants on "Artificial Intelligence Literacy at BUIITEMS"*

### One-day training workshop on "Intellectual Property Rights (IPR)"

PASTIC Sub-Centre Peshawar (PSCP), in collaboration with ORIC, Khyber Medical University (KMU) Peshawar, organized a one-day training workshop on "Intellectual Property Rights (IPR)" on February 17, 2026, at the Alexander Fleming Auditorium at Khyber Medical University (KMU). Mr. Zahoor Ahmad, Director, Directorate of Quality Enhancement, University of Peshawar was the resource person of this workshop.

The main objective of this training workshop was to enhance awareness and understanding of Intellectual Property Rights (IPR) among faculty members and research scholars, and to equip them with basic knowledge of patents, trademarks, copyrights, industrial designs, patent filing procedures, and prior art searching for the protection and effective management of research and innovation. The workshop was attended by 60 participants, including faculty members and research scholars, predominantly from KMU.



*Group photo of the workshop's participants on "Intellectual Property Rights (IPR)" at KMU, Peshawar*

Dr. M. Naveed Iqbal, ORIC (KMU) underscored the significance of intellectual property awareness in academic research and innovation. Dr. Ghazala Ali Khan, Additional Director, PSCP, provided an overview of the IPO framework and elaborated on PASTIC's role in facilitating access to patent information and promoting IP literacy. The webinar covered the importance of intellectual property protection and explained the major categories of intellectual property, including patents, trademarks, copyrights, and industrial designs, in safeguarding innovative ideas and research outcomes.



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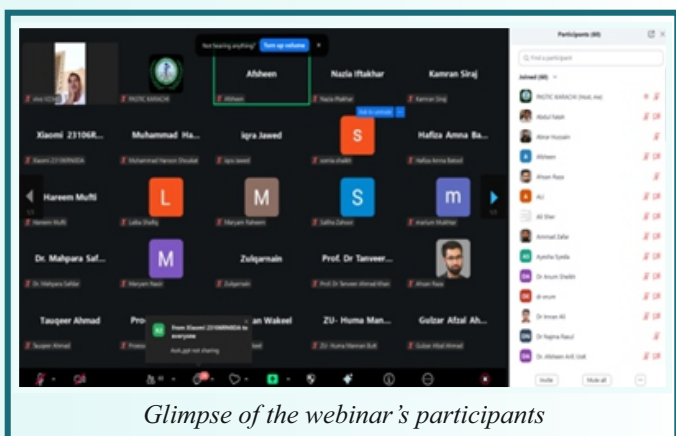
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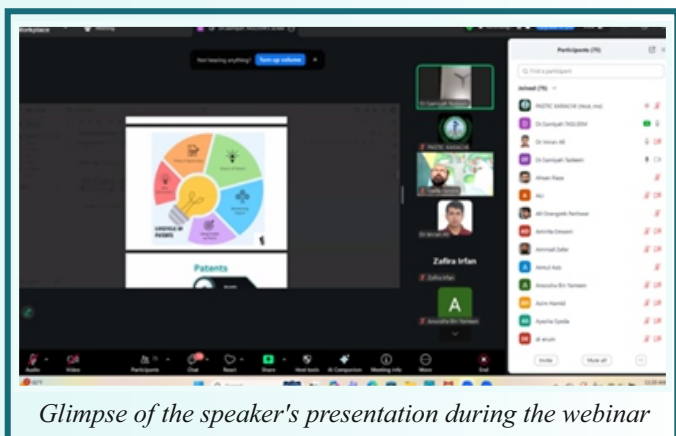
## Webinar on “Intellectual Property Rights (IPR)”

PASTIC Sub-Centre Karachi (PSCK) organized a webinar on “Intellectual Property Rights (IPR)” on February 25, 2026 through an online platform. The webinar aimed to create awareness about intellectual property rights, explain the basic types of intellectual property, guide participants on the protection of innovations, and promote research commercialization. The session was facilitated by Dr. Samiyah Tasleem, CEO & Founder of Pakistan Education Health and Technology Innovation Consultant Group. More than 70 participants from various universities, research institutions, and organizations attended the webinar.



*Glimpse of the webinar’s participants*

Ms. Afsheen Tariq, Assistant Director (STI), PSCK, introduced PASTIC/PSF services and initiatives. She also highlighted the importance of Intellectual Property Rights (IPR) in protecting innovations, encouraging researchers, and promoting the commercialization of scientific ideas.



*Glimpse of the speaker's presentation during the webinar*

## Event/ Webinar /Meeting Attended

a. Dr. Ghazala Ali Khan, Additional Director, PSCP attended the two-day Physical Training Course on “Business Management for Small and Medium Enterprises” organized by the Pakistan Academy for Rural Development (PARD), Peshawar on February 10–11, 2026. The training focused on enhancing professional competencies in business management, particularly for small and medium enterprises, and provided valuable insights into modern management practices, policy frameworks, and institutional development strategies.

b. Mr. Syed Shabib Zaidi, Science Assistant, PSCK, visited the 21st My Karachi Exhibition 2026 on February 06, 2026 at Expo Centre Karachi. The exhibition was organized by the Karachi Chamber of Commerce and Industry (KCCI). The visit was to observe emerging business and industrial trends, interact with exhibitors from various sectors, and collect relevant information regarding innovative products, technologies, and services.

c. Ms. Afsheen Tariq, Assistant Director (STI) at PSCK, attended a webinar on “Pakistan Fisheries and Aquaculture” on February 12, 2026 via Zoom organized by the National Institute of Maritime Affairs (NIMA), Karachi. It emphasized the role of scientific research, modern aquaculture practices, and effective management of marine resources in enhancing food security and economic growth.



*Vice Chancellor, University of Karachi, presenting a souvenir to Assistant Director (STI) PASTIC Sub Centre Karachi*

d. Ms. Afsheen Tariq, Assistant Director (STI), PSCK, attended the seminar on “Application of AI in Chemical



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Process Industries” organized by the Department of Chemical Engineering, University of Karachi. During the event, she engaged with faculty members from various universities to discuss potential collaborations, research initiatives, and knowledge-sharing opportunities. The Vice Chancellor, University of Karachi, presented a souvenir to PASTIC as a token of appreciation.

### PASTIC S&T SERVICE AWARENESS STALL

PSCK organized a PASTIC S&T Services Awareness Stall on February 13, 2026 at the Department of Chemical Engineering, University of Karachi. The stall was designed to raise awareness about the scientific and technological information services provided by PASTIC, while encouraging students and faculty to utilize its research support resources



*PSCK Official Briefing Students on PASTIC Services*

More than 60 students and faculty members visited the stall and showed keen interest in learning about PASTIC's role in supporting research, innovation, and scientific development.



## Pakistan Scientific & Technological Information Centre

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