



PASTIC

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NEWS LETTER

January 2018

TRAINING WORKSHOP ON MENDELEY

PASTIC organized a training workshop on “*Make your research life easier with Mendeley Tool*” during 17-18 January, 2018 at PASTIC National Centre, Quaid-e-Azam University Campus, Islamabad. The objective of this workshop was to build the capacity of young researchers and to enhance their skills in literature search, citation, sharing and discovering of new research. Dr. Maryum Ibrar Shinwari, Senior Scientific Information Officer (PASTIC) / Mendeley Advisor was the resource person of the workshop. 24 Participants from Quaid-e-Azam University, Arid Agriculture University, PIDE & Sardar Bahadur Khan Women's University, Quetta (SBKWU) participated in this hands on training workshop.



Dr. Maryum Ibrar Shinwari, Sr. Scientific Information Officer (PASTIC) / Mendeley Advisor & resource person, delivering presentation

This workshop was part of a series that are regularly organized by PASTIC to train the young researchers on modern ICT tools and techniques useful in research. There are many citation tools available for helping researchers in citation during completion of their thesis.



Ms. Nageen Ainuddin, DG PASTIC presenting certificate to a participant of the workshop.

The Mendeley application owes a unique position among these tools being free, smarter and user-friendly. Besides it provides an excellent platform where researcher can search jobs/fellowships, research funds, find research groups, search literature.



Group photo of the participants of the workshop

Moreover it is a cross-platform application (Windows, Mac, Linux, iPhone) that helps researchers manage and annotate their scientific paper collections. Citation data from its cloud library can be accessed across multiple devices e.g., Laptop, PC, iPhone, etc. At the end of the workshop, Ms. Nageen Ainuddin, Director General PASTIC distributed certificates among the participants.

Training Workshop on 'Research Tools & Techniques: SPSS' at PASTIC

PASTIC IT section organized three days training workshop on the topic of 'Research Tools & Techniques: SPSS' from 24-26 January 2018 at PASTIC National Centre Islamabad. The objective of workshop was to build the capacity of researchers to enhance their analytical skills in data analysis techniques through popular SPSS software tool. 25 M. Phil & Ph. D young scholars all over the country participated in the training workshop.

Motivational talk for students

Dr. Shahid Qamar, Research Scientist from University of Louisville, USA delivered motivational talk to students and PASTIC officials on 25th January 2018 at PASTIC national Centre Islamabad to motivate the young scholars and officials toward modern research approaches.

PASTIC Services Stalls

PASTIC National Center and its sub-centers regularly organize information services stalls all over the country, wherein PASTIC publications are displayed and membership forms/pamphlets are distributed, and the visitors are briefed about PASTIC services. In continuation of this regular activity following stalls were organized during the month of January 2018 at the following places:-

Karachi

- Department of Physiology, University of Karachi, during Conference on “Probe” Biology: down the Road on 16-01-2018.



Faculty members visited PASTIC Service Stall during conference Probe Biology down the Road organized by Department of Physiology, University of Karachi

- Sir Syed University of engineering & Technology Karachi, during All Karachi Project Exhibition & Competition on 18-01-18.



Reserachers visited PASTIC Service Stall during All Karachi Project Exhibition & Competition at Sir Syed University of engineering & Technology, Karachi on 18th Januray 2018.

- Liaquat National Hospital & Medical College, during “Research Expo” 2018 on 22-01-18.



AWARENESS SEMINARS FOR THE PROMOTION OF PASTIC SERVICES

PASTIC arranged the following awareness seminar at the following Institutes:

- **Liaquat National Hospital & Medical College, Karachi**

PASTIC Sub Centre, Karachi arranged PASTIC Awareness Seminar during “Research Expo” 2018 at Liaquat National Hospital & Medical College on 22-01-18. More than 500 Researchers, Faculty members & medical students from different universities attended the seminar.

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Mr. Abdul Fatah Shaikh Deputy Director PASTIC sub-centre Karachi, giving a presentation during “Research Expo” 2018 at Liaquat National Hospital & Medical College on 22nd January 2018.

Sir Syed University of Engineering & Technology, Karachi

PASTIC Sub Centre, Karachi arranged PASTIC Awareness Seminar, during All Karachi Project Exhibition & Competition at Sir Syed University of engineering & Technology, Karachi on 18th January 2018. More than 300 Researchers, Faculty members and students from different universities attended the seminar.

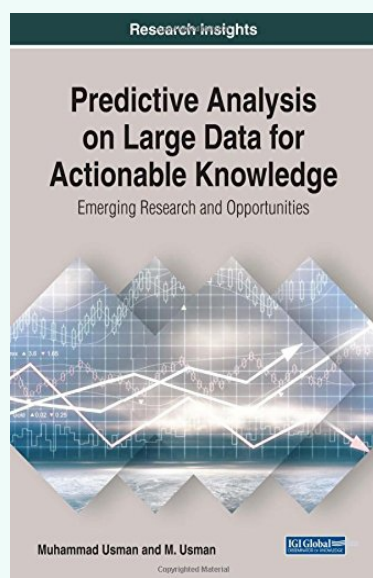


Mr. Abdul Fatah Shaikh Deputy Director PASTIC Karachi giving a presentation during All Karachi Project Exhibition & Competition at Sir Syed University off engineering & Technology, Karachi on 18th January 2018



DATA SCIENCE Specialist AT PASTIC NATIONAL CENTER publishes a book ON 'PREDICTIVE Analysis from LARGE DATASETS'

Data analysis forms the basis of many modes of research ranging from scientific discoveries to governmental findings. With the advent of machine intelligence and neural networks, extracting and modelling, approaching data has been unimpeachably altered. These changes,



seemingly small, affect the way societies organize themselves, deliver services, or interact with each other. Recently, Muhammad Usman (Database Administrator), PASTIC has published a book titled **"Predictive Analysis on Large Data for Actionable Knowledge: Emerging Research and Opportunities"**

in co-authorship with Dr. M. Usman (SZABIST, Islamabad).



The book provides emerging information on extraction and prediction patterns in data mining along with knowledge discovery. While highlighting the current issues in data extraction, readers will learn new methodologies comprising of different algorithms that automate the

multidimensional schema that remove the manual processes. This book is a vital resource for researchers, academics, and those seeking new information on data mining techniques and trends. Many academic areas covered in this publication include, but are not limited to Association Rule Mining, Data Mining, Exploratory Pattern Recognition, General Hierarchical Clusters, Hybrid Techniques, Knowledge Discovery, Machine Learning, Pattern Extraction, Prediction Algorithms, Principle Component Analysis, and Visualization Techniques. The book is available at IGI Global and other well-known book stores like Amazon etc. It is worth mentioning that the author has done research in the field of data mining, and has published in ISI indexed journals and conferences in the past. The author aims to adapt some methods/techniques of this research work into the National Science Search Engine being developed at PASTIC National Center in order to strengthen the underline architecture of the overall system. Book DOI: 10.4018/978-1-5225-5029-7.

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