

# Progress Report

Session: 2021-22 & 2022-23

Department : Computer Application

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## Research Papers Publications:

- Srivastava, A.K. and Shukla, U.S. (2021). “ Bayesian and Classical Methodologies for Reliability Analysis and Parameter Estimation of Weibull Extension Model under Informative Set of Priors”, International Journal for Modern Trends in Science and Technology, Vol.7(04), 76-84, ISSN: 2250 - 2459.

## Book Authored (Book’s Publications)

- Srivastava, A.K. (2021). “Some Fundamental Aspects of an Operational Data Warehouse for Supporting Real-Time Decision Making”, Lambert Publications, ISBN: 978-81-949863-9-3

## Number of Books Reviewed :

- Srivastava, A.K. (2022). “*Expert Linux Administration Guide: Administer and Control Linux File systems, Networking, Web Server, Virtualization, Databases, and Process Control*” by Vishal Rai (Author), BPB Publications (BPB Online, London), ISBN: 978-93-55510-983

## Book/Chapters in edited Book

- Srivastava, A.K. (2021). “*Analysis of Information Criteria for Model Selection of Log-Log Model using real data sets*” in Multidisciplinary Subjects for Research IV-Vol -1, Edited by "Dr.Dilip A. Ode, Jigesh D. Chauhan & Sruthi S., Red'Shine Publication Inc., Sweden, ISBN: ISBN: 978-1-716-20064-9, DIP: 18.10.2021/716200649
- Srivastava, A.K. (2021). “*Analysis of Information Criteria for Model Selection of Log-Log Model using real data sets*” in Multidisciplinary Subjects for Research IV-Vol -2, Edited by "Dr.Dilip A. Ode, Jigesh D. Chauhan & Sruthi S., Red'Shine Publication Inc., Sweden, ISBN: ISBN: 978-1-716-20059-5, DIP: 18.10.2021/716200595

## Patents:

- Srivastava, A.K. (2022). “*Deep Learning Approaches to Detect Image Forgery using Python*”, issued by The Patent Office Journal No. 49/2022 (India), dated 09/12/2022.

## Invited Talk/Lectures:

- Srivastava, A.K. (2022). In two days workshop on “*Computer Programming Languages C and C++*” jointly organized by Department of Computer

Application and IQAC, C.R.D.P.G. College Gorakhpur , from 5<sup>th</sup> Aug'2022 to 6<sup>th</sup> Aug'2022.

- Srivastava, A.K. (2022). Delivered to Pre-PhD students for their computer application course as per Pre-PhD course work of Siddhartha University, organized by A.P.N.P.G. College Basti , from session 2022-23.

**Participation in College & University:**

- Faculty members of the department are member of B.Sc.(Bio/Maths.) Admission Committee of the college.
- Faculty members of the department are Co-ordinator/member of different Committees of the college.
- Faculty member (Dr. A.K. Srivastava) of the department is member of BOS Committee of the concern university.

**Participation in Different Academic Organization:**

- Faculty members of the department are Observers of various organisation like NTA(National Testing Agency, CTET-CBSE, NIELIT.
- Faculty member (Dr. A.K. Srivastava) of the department is member of Advisory Board of a Journal of advanced computing and communication technologies "JACOTECH", ISSN 2347–2804.



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