

CURRICULUM VITAE



Dr. ANJALI SAXENA
Assistant Professor
Department of Mathematical Sciences & Computer Applications
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PERSONAL PROFILE

FATHERS NAME : Mr. Satish Chandra
DATE OF BIRTH : 3rd Sep. 1970
ADDRESS : 180, Gusainpura, Rani Mahal Road, Jhansi.
DESIGNATION : Assistant Professor

Academic Qualification

Examination	Year	University/Board
B. Sc. (Statistics, Math, Chemistry)	1994	Lucknow University, Lucknow
M. Sc. (Statistic with computer programming)	1997	Bundelkhand University, Jhansi
Ph.D.	2009	Bundelkhand University, Jhansi

Ph. D. TOPIC: "Development and Analysis of some Bio- mathematical models and their Applications to the blood flow system"

Experience: (20 years teaching and 10 years research)

(a) Professional

Employer/ Institution	Post held	From	To	Total Experience	
				UG	PG
Bundelkhand University	Lecturer	Nov, 1999	2001	2 years	2 years
	Asstt. Prof. from selection committee	2001	Till date	20years	20 years
Capital Computer	Manager	1998	1999	1 year	

(b) Administrative :

Position	Department	Duration	
		From	To
Evaluation Coordinator	Bundelkhand University	2015	2017
Cultural coordinator	Bundelkhand university	2015	2017

Publication: (Annexure -1)

Research articles in national and international journals : 05
Abstracts in seminar/ symposium/ conference/ workshop : 10
Conference/ seminar/ symposium / workshop attended : 10

Annexure-1

PUBLICATIONS

- Srivastava P. N. , Kumar Avanish, **Anjali Saxena** . 2005 “Analysis of blood viscosity and surface tension of various blood group” in International journal of Physical Sciences, Ultra Science vol. 17(3) M, 369 – 378.
- Srivastava P. N. , Kumar Avanish, **Anjali Saxena** .2006 “Analysis of plasma viscosity of various blood group” in Varahmihir Journal of Mathematical Sciences, Sandipini Academy, Ujjain, vol. 6 No. 2, 647 – 652.
- Meenakshi Singh, Anju, **Anjali Saxena**.2015. Parent child relationship in service and business families of Kathua Locality of Jammu and Kashmir. Shodh Samagra-Vol.1(1),4-7.
- **Anjali Saxena**, Reeti Kushwaha. 2016 “Awareness of diet and pregnancy related problems in urban and rural areas in Gorakhpur district” in **Research Digest a Quaterly Multidisciplinary Research Journal, Vol. II (Issue -1 & 2) pp 3 - 9.**
- Meenakshi Singh, Poonam Singh and **Anjali Saxena**.2017. Attitude towards ‘Dowry’ Among Early Adulthood, Middle and Senescence Age respondents in Urban Jhansi. Asian Journal of Home Science.vol.12 issue2 pp 432-436.
- Meenakshi Singh, Rashmi Kushwaha and **Anjali Saxena** 2017. Attitude towards girl’s feticide among early adulthood and middle age. Asian Journal of Home Science. vol.12 issue 2 pp 453-457.

- Anjali Saxena, Avinish Kumar **2020** “Pearson correlation matrix for vitamins with Hematocrit in blood of human beings” published as chapter in Emerging trends of Biological Sciences & Biostatistics. First Edition pp 230-234. ISBN:978-99-94604-39-3.
- Raj Naryan, Archana Prajapati, Mahesh Nath Singh, **Anjali Saxena** & Anil Chandran S, **2022**, “Determinant of Child Immunization in India : A Multilevel Analysis”, published as chapter in Population Dynamics and Health issues in India. ISBN:978-93-85623-83-7, pp 166-182. published by Mount Hill Publishing Co. Delhi
- J V Madhusudan, Anita Pal, Gajraj Singh, **Anjali Saxena**, Dolly Kumari & Jitendera Yadav **2022** , “ Economic Inequality in Malnutrition among Pre-School Children in Selected South Asian Countries” published as chapter in Population Dynamics and Health issues in India. ISBN:978-93-85623-83-7, pp 208 – 227.

SEMINARS

- Bio – control of Ginger (*Zingiber officinale* Rosc.) rot disease by leaves *Butea monspesia* and ranked III presented in National Conference on role of Biodiversity in sustainable Agriculture during (4 – 5 Feb 2010) organised by Department of Botany, Bundelkhand University, Jhansi.
- Paper presented on Analysis of surface tension of plasma in human blood in national Symposium on application of various techniques in fluid dynamics UGC sponsored held on 10 – 12 February, 2011 organised by Department of Mathematics BSNV post graduate college KKV Lucknow in association with National Science Network & BSNV Vigyan Parishad.
- Paper presented on “Associated effect of proximate principle and haemoglobin in human blood National conference on role of Mathematics in human blood. National conference on role of mathematics in advancement of science and technology NCRMAST – 2013 (October 18th – 20th, 2013) sponsored by DST, Govt. of India & CSIR, New Delhi. Organised by department of Mathematics BSNV Post Graduate College (KKV) Lucknow in association with National science network and BSNV Vigyan parishad.
- TROIKA 2002, National seminar on “Processed food, food processing industries and Food for health “ (Institute of Food Technology Bundelkhand University, Jhansi, on January 18-19, 2002). Poster presented on replacement theory to shelf life of food stuffs.
- Paper presented on “Emerging of resistance to Antibiotics in different groups of Bacteria” CONIAPS – V on April 7th – 9th 2002 (fifth conference of the International Academy of Physical Sciences.)
- Paper presented on “Reliability for Neural Networks” CONIAPS – V on April 7th – 9th 2002 (fifth conference of the International Academy of Physical Sciences.)
- Paper presented on “Analysis of Plasma viscosity of various blood groups” (in the 8th conference of international Academy of Physical Science during December 30th , 2005 to January 1st 2006, at Chaudhary Charan Singh University, Meerut.)

- Paper presented on “Impact of dietary pattern to the blood flow”(in the 7th Annual Conference of the India Mathematical Society, held at Dep’t. of Mathematical IIT Roorkee during December ,26 -29 ,2005).
- Paper presented on a paper entitled “Pearson correlation coefficient matrix for vitamins with hemoglobin in blood of human being”, in the “International Conference on Statistics and Related Areas for Equity, Sustainability and Development (SRAESD - 2015) in Conjunction with XXXV Annual Convention of Indian Society for Probability and Statistics (ISPS)” during November 28th -30th, 2015 organized by Department of Statistics, University of Lucknow, Lucknow.
- Paper presented on a paper entitled “Pearson correlation coefficient matrix for vitamins with hematocrit in blood of human being”, in the “International Conference on "Current Scenario and Prospects of Nanotechnology And Bio-Statistics", on 25-26 February, 2016 at School of Sciences, Uttar Pradesh Rajarshi Tandon Open University (UPRTOU), Allahabad, India.

REFRESHER COURSE WORK/ WORKSHOP

- Attended seven days workshop on Research Methodology during (20 – 26th Feb, 2014) held by Bundelkhand University, Jhansi.
- Attended five days science camp under inspire internship program sponsored by Department of Science and Technology (DST), Govt. of India, New Delhi during (20 – 24th January,2014).
- Attended workshop on Mathematical and Computational Sciences sponsored by University grant commission on New Delhi held on March 30, 2011 at Department of Mathematical Sciences and Computer Applications, Bundelkhand University, Jhansi.
- Participated in the “Refresher course in the subject of management” from (7th March, 2003 to 30th March 2003) refresher course sponsored by U.G.C. at Bundelkhand University, Jhansi.
- Attended patent awareness workshop (PAT) during (28th July, 2003) sponsored by patent information centre and hosted by Institute of Information Technology. Bundelkhand University, Jhansi.
- Attended three day workshop on modelling by Mathematical Sciences during (27th - 29th January, 2006) hosted by Institute of Information Technology Bundelkhand University, Jhansi.
- Attended the training workshop organised by iGroup Infotech India Pvt. Ltd. During 6th December, 2014 held at Bundelkhand University, Jhansi.
- Attended seven day Faculty Development Programme organized by Dream Uny Education Pvt. Ltd. Under IQAC held at Bundelkhand University, Jhansi from 1st to 7th September, 2014.
- Attended the Training Workshop on “**turnitin**” organized by iGroup Infotech India Pvt. Ltd, held at Bundelkhand University, Jhansi on December 6th, 2014.

- Attended one day workshop on Swachh Bharat Swasth Bharat during (19th March, 2015) held at Bundelkhand University, Jhansi.
- Attended 8th seven day workshop for Faculty Development Programme on Research Methodology and Statistical Analysis using IBM SPSS Statistics 22.0 from December 24 – 30, 2015 at ITM University Gwalior.
- Attended three days workshop on “Bioinformatics: Databases and sequence Analysis” organised by Department of Microbiology & Department of Mathematical Sciences and Computer Applications, Bundelkhand University, Jhansi, dated from 15 – 17 March, 2016.
- Attended one day workshop as orientation workshop on methodology of social science research and self employment vocational programmes on (19th November, 2016) held at Arya Kanya PG College Jhansi.
- Attended two days workshop National Workshop organised by Commission for Scientific & Technical Terminology (CSTT), Ministry of Human Resource Development, New Delhi with collaboration of Institute of Earth Science, dated from 22 – 23 November, 2016.
- Attended one day webinar on Statistics and its applications with special reference “End Hunger, Achieve Food Security and Improved Nutrition and Promote Sustainable Agriculture” on 29 June, 2021 (15th statistics day) organised by School of Sciences, U.P. Rajarshi Tandon Open University, Prayagraj in association with Govt of India, National Sample Survey Office, Ministry of Statistics & Programme Implementation, Regional Office, Prayagraj.
- Attended two weeks faculty development and motivational workshop STEAM-2022 organized by Bundelkhand University, Jhansi and Shiksha Sopan Kanpur under the Chief Mentorship of Padmashri Prof. H.C.Verma , dated 22 August to 05 September 2022.

OTHERS ACHIEVEMENTS

- Helped ten students for their thesis as statistician of various departments
- N.C.C. ‘B’ & ‘C’ Certificates.
- Participated in “National Integration Camp”, Lucknow. Sponsored by Govt of India (7th- 16th November 1998)
- Activities involved confidential work allotted by various universities (setting paper and copy checking, viva.)
- Delivered lecture as subject specialist in Tika Ram Smriti Mahavidhyalaya on 18th January 2016

Date:

Place : Jhansi

Dr. Anjali Saxena

