

RESUME

NAME: SATINDER PAL KAUR
DESIGNATION: Assistant Professor
PG Dept. of Mathematics
QUALIFICATION: M.Sc. (Maths), M. Phil., JRF-CSIR
EXPERIENCE: 17 years
PUBLICATIONS: 03 (International Journal)
03 (Books)
01 (Conference proceedings)

PAPER PRESENTED:

Detail of Publications (National/ International level)

A. International level

i.) Journal:

- a) Kaur., Satinder Pal. (2016), Contribution of Mathematical models in Bio-medical Sciences: An overview” in *International Journal of Applied Science-Research and Review*, 3(1), ISSN: 2394-9988.
- b) Kaur., Satinder Pal. (2017), Role of mathematics in Business & Commerce- A study, *International Journal of Advance Technology in Engineering & Sciences*. 5 (1), ISSN: 2348-7550.
- c) Kaur, Satinder Pal., Mittal, A. K., Kukreja, V. K., Parumasur, N., & Singh, P. (2018). An efficient technique for solution of linear and nonlinear diffusion-dispersion models. *AIP Conference Proceedings*, 1975(1) 030031.

B. National level

i.) Books:

- a) Authored a book titled “Statistics & Probability Theory”, Sharma Publications, Jalandhar, 2012. ISBN: 978-93-81701-69-0
- b) Co-authored a book titled “Probability Theory”, First World Publications, Ludhiana, 2013. ISBN: 978-93-82295-06-8
- c) Co-authored a book titled “Analysis”, First World Publications, Ludhiana, 2014. ISBN: 978-93-82295-18-1

ii.) Proceedings of National Conference

- a) Paper titled “Role of Statistics in Physiotherapy” published in the proceedings of UGC sponsored National Conference at Lyallpur Khalsa College, Jalandhar from 25-27 Nov, 2010. ISSN:

2. Seminar/Conferences/Workshops/Refresher Courses/Orientation Courses/ Summer Schools etc. organized / participated and sessions presided over, if any (year-wise detail):

A)International/National Workshops/Conferences/Seminars/ Orientation/ Refresher Course/ Summer School attended:

2007-08

- i. National Seminar on Statistics and its application (NSSA-07) from 19-20 Jan, 2007 at SLIET, Longowal in collaboration with CSIR, New Delhi.
- ii. National Seminar on ‘Domestic Violence against women’ on March 18, 2008 at GNC for Girls, Sri Muktsar Sahib in collaboration with ICSSR, Chandigarh.

2008-09

- iii. One week Instructional Workshop/ Short term course conducted by Dept. of Mathematics at SLIET, Longowal from 22-26 Dec, 2008.
- iv. One day State Level Seminar on ‘Naari Vadi Vimarsh: Vivid Pariprekshya’ by CDC, PU Chandigarh on March 10, 2009.

2010-11

- v. One week National workshop on ‘Micro Teaching of Audio Visual Aid (MTAV)’ from July 19, 2010 to July 23, 2010 organized by CSTRI, Kolkata.
- vi. Orientation course from Nov. 27, 2010 to Dec. 24, 2010 at PU, Chandigarh.

2011-12

- vii. 2-weeks Staff Development Programme on Intelligent Computational Techniques from 4-15 July, 2011 at SBSCET, Ferozepur sponsored by AICTE.
- viii. Refresher course ‘Emerging issues in Educational Technologies’ from Dec 15, 2011 to Jan 4, 2012 at Guru Jambheshwar University, Hisar.

2013-14

- ix. Refresher course in ‘Mathematics and Statistics’ from June 24, 2013 to July 13, 2013 at H.P. University, Shimla.

2015-16

- x. 2-weeks TEQIP-AICTE sponsored Faculty Development Program on 'Research Techniques' at Shaheed Bhagat Singh State Technical Campus, Ferozepur from May 25, 2015 to June 5, 2015.
- xi. 1-day International Conference on 'Role of Educational Institutes in Developing True Human beings' organized by 'Atam Pargas Social Welfare Council', Ludhiana on Sept. 5-6, 2015 at All India Pingalwara Charitable Society, Amritsar.
- xii. 1- week TEQIP-AICTE sponsored Short Term Course on 'Recent trends in Applied Mathematics' from Nov. 30 to Dec. 04, 2015 at NIT, Jalandhar.
- xiii. Presented paper in CDC, PU, Chandigarh sponsored National seminar on NAAC accreditation, methodology, process and problems on 29 March, 2016 at Guru Nanak College for Girls, Sri Muktsar Sahib.

2016-17

- xiii. 4-weeks Summer Faculty Internship programme from June 01, 2016 to June 30, 2016 in Department of Mathematics at IIT, Ropar.

2017-18

- xiv. UGC sponsored Refresher course in Mathematical Science from 22-06-2017 to 12-07-2017 at Punjabi University, Patiala.

2018-19

- xv. Attended short term training programme on Mathematical Modelling and Statistical Techniques from 30-07-2018 to 03-08-2018 at SLIET, Longowal

B) Papers presented in International Conferences:

- i. International Conference on 'Emerging Areas of Mathematics for Science & Technology' in conjunction with 12th Annual Conference of the Indian Society of Industrial and Applied mathematics from Jan.30, 2015 to Feb. 1, 2015 at Punjabi University, Patiala. Title of paper: Mathematics in Medical Imaging: A review.
- ii. International Conference on 'Advances in Mathematical Science-2015' from March 19, 2015 to March 21, 2015 at GGSSDGS Khalsa College, Patiala. Title of paper: Mathematics-a key to success of Commerce & Management.
- iii. International conference on recent trends in engineering science and management on 08 Jan, 2017 at SGTB Khalsa College, Anandpur Sahib. Title of the paper: Role of mathematics in Business & Commerce- A study.

- iv. International conference on innovative trends in mathematics, computer and innovative sciences on 09-10 March, 2017 at MMU, Mullana (Ambala). Title of paper: Application of matrix analysis in engineering & science – a study.
- v. International conference on Frontiers in Industrial and Applied Mathematics on 26-27, April, 2018 at NIT, Hamirpur. Title of the paper: An efficient technique for solution of linear and nonlinear diffusion-dispersion models.
- vi. International conference on Transformation through Innovations-Strategic Application of Management, IT, Mathematics and Basic Sciences 16-17 March, 2019 at SCD Govt. College Ludhiana.

C) Papers presented in National Conferences:

- i. UGC sponsored National Seminar on ‘Role of Statistics in Physiotherapy’ from 25-27 Nov, 2010 at Lyallpur Khalsa College, Jalandhar. Title of paper: Role of Statistics in Physiotherapy.
- ii. UGC sponsored National Conference on ‘Recent trends in Discrete and Fuzzy Mathematics’ from 2-4 Feb, 2013 at DAVPG College, Jalandhar. Title of paper: Game Theory Applications-A study of selected Literature.
- iii. ICCR sponsored National Conference on ‘Innovative Trends in Mathematical Sciences’ on March 30, 2015 at MMU, Mullana, Ambala. Title of paper: Mathematical Methods in Computed Tomography (CT): A review.
- iv. CDC Panjab University sponsored National Seminar on ‘Recent Trends in Applied Mathematics’ on Nov. 21, 2015 at Govt. College, Sri Muktsar Sahib. Title of paper: Applications of Mathematics in Medical Sciences.
- v. UGC sponsored National Conference on ‘Current Developments in Mathematics & Computer Science’ on March 18, 2016 at SD College (Lahore).
- vi. CDC Panjab University sponsored National Seminar on ‘NAAC Accreditation: Methodology, process and problems’ on March 29, 2016 at GNC for Girls, Sri Muktsar Sahib. Title of paper: Importance of Accreditation in UG Colleges.
- vii. ICSSR sponsored National Seminar on Role of Entrepreneurship in India: need of the hour at Guru Nanak College for Girls on 18 March, 2017.
- viii. National Seminar on Advances on Pure & Applied Mathematics at Govt. College Sri Muktsar Sahib on 27 Nov., 2018. Title of paper: Role of Eigen values and Eigen vectors in Engineering & Sciences.

D) National Workshops/Extension Lectures organized:

2010-11

- i. Organized 1-week National Workshop on ‘Micro Teaching & Audio-visual Aids’ sponsored by CSTRI, Kolkata from 19 July to 23 July, 2010.

2011-12

- ii. Organized 1-day workshop by outside experts on topic ‘Importance of Vedic Ganit’ on 24/10/2011.

2013-14

- iii. Organized 2-days workshop on ‘Vedic Ganit’ by outside experts on 28, 29 Oct, 2013.

2008-2018

- iv. ‘Extension Lectures’ are organized regularly by calling various outside experts from reputed Institutes/ Universities.

SATINDER PAL KAUR

Sri Muktsar Sahib

01-09-2019