

CURRICULUM VITAE

DR. PAWANPREET KAUR

41, Kasturba Nagar,
Jalandhar Cantt – 144005.

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Objective

To seek a challenging, rewarding and responsible career and be a part of an enterprising organization where I can gain exposure to leading edge technology with new age business paradigms.

Education Profile

<i>Exam Passed</i>	<i>Board/Univ.</i>	<i>Year</i>	<i>% age</i>	<i>Division</i>	<i>Subjects</i>
Ph.D.	SaiNath University, Ranchi	2014			Fluid Dynamics
M.Phil	Vinayka Mission	2009	75	First	Mathematics
M.Sc.	G.N.D.U.	2007	80	First	Mathematics
B.Sc.	G.N.D.U	2005	76.4	First	Non- Medical
10 + 2	C.B.S.E.	2001	75.4	First	Medical with Math additional
10th	C.B.S.E.	1999	81	First	Science, Math, S.St, Punjabi,English

Academic Achievements

- Stood third in University in B.Sc. - I (N.M.)
- Stood Fifth in University in B.Sc. - II (N.M.)
- Stood Fourth in University in B.Sc. - III (N.M.)
- Distinction holder in M.Sc.
- Got “**YOUNG SCIENTIST AWARD**” in workshop on the topic “ Sparse Statistics” at Lyallpur Khalsa College, Jal

Experience

- Worked for 1 year in Lyallpur Khalsa College as a Lecturer in PG Department of Mathematics
- Worked as an Assistant Professor at CT Institute of Engineering, Management & Technology for 5 years
- Presently working as Assistant Professor at Lyallpur Khalsa College of Engineering since June 2013.

Additional Responsibilities at CT Institute

- Member of organizing committee of two FDP's in CT Institute.
- Member of organizing committee of PTU Youth fest held in 2012 in CT Institute.
- Time table Incharge & Cultural Co-ordinator, Department of Applied Science, CT Institute of Engineering, Management & Technology

Additional Responsibilities at Lyallpur Khalsa College of Engineering

- Time table Incharge
- Media Incharge
- Superintendent of exams
- Cultural Coordinator
- Observer duty for PU exams in St. Soldier Institute of Pharmacy

Publications

Books

Name of Book	Classes covered
Mathematics- I	BCA, B.Sc. IT
Research methodology & Statistical Methods	M.Com, M.Phil, M.Sc., MBA

Research Paper in State Conferences

- Presented paper titled “Educators as the Torch- Bearers for the Nation” in the state level seminar on Globalization of Education System held at CT College of Education, Jalandhar on March 21, 2008.

Research Paper in National Conferences

- Presented paper titled “Transformational Information- A changing approach to Leadership” in National seminar on Leadership Management in Present Context held at St. Soldier Management and Technical Institute, Jalandhar on April 26, 2008.
- Presented paper titled “Ethical Issues in Transformational Leadership” in National seminar on Leadership Management in Present Context held at St. Soldier Management and Technical Institute, Jalandhar on April 26, 2008.
- Presented paper titled “Role of women in IT-Today & Tomorrow” in National seminar on Role of women in IT- Today & Tomorrow held at S.D. College for Women, Jalandhar on October 12, 2010.
- Presented paper titled “Sustainable development in small scale business sector: An Eco- Effectiveness & Natural Capitalism Approach” in National seminar on Development Perspective- Focus on Sustainable and Inclusive Growth held at Hans Raj Mahila Maha Vidyalya, Jalandhar on October 23, 2010.
- Presented paper titled “Human value in Sanskrit Literature” in National seminar on Human value in Sanskrit Literature held at S.D. College for Women, Jalandhar on October 30, 2010.
- Presented paper titled “The Study of Fluid Flow Problems” in National Seminar on Role of Statistics in Physiotherapy held at Lyallpur Khalsa College, Jalandhar on November 26, 2010.
- Presented paper titled “Hypothesis Testing in Research” in National Seminar on Role of Statistics in Physiotherapy held at Lyallpur Khalsa College, Jalandhar on November 26, 2010.

- Presented paper titled “Vedas are mothers of Mathematics & Humanity” in National Seminar on Vedic Mathematics held in DAV College, Amritsar on January 11, 2011.
- Presented paper titled “By Mathematical thinking of middle class, India will be a Super Power” in National Seminar on Global Slow - Down Challenges & Opportunities for India held in S.D. College for Women, Jalandhar on January 29, 2011.
- Presented paper titled “Topology- A study of Spatial Properties” in National Seminar on Recent trends in Algebra & Analysis held in DAV College, Jalandhar on February 4-6, 2011.
- Presented paper titled “IT: An Innovative Dawn in Indian Banking Sector” in National workshop on Network Security & Management held in Lyallpur Khalsa College, Jalandhar on February 5-7, 2011.
- Presented paper titled “Mathematics- the Queen of Science” in National workshop on Network Security & Management held in Lyallpur Khalsa College, Jalandhar on February 5-7, 2011.
- Presented paper in National Seminar on Achieving Duality & Excellence in Institutions of Higher Education: Challenges & Solutions held in S.D. College for Women, Jalandhar on March 11-12, 2011.
- Presented paper titled “Mathematical Model – A basic need” in the National Conference on Engineering Applications held in St. Soldier Group of Institutes, Jalandhar on April 9, 2011.
- Presented paper titled “Impact of Media on Literature, Cultural & Mathematical thinking” in the National Conference held in Lyallpur Khalsa College, Jalandhar on June 28-29, 2011.

- Presented paper titled “Math in India: from the Ancient to the Recent” in National Conference on Emerging Trends in Mathematics & its Applications held in DAV College, Jalandhar on February 4-6, 2012.
- Presented paper titled “Challenges & Opportunities in Managing Global Workforce” in HR Summit held in Khalsa College Lyallpur Institute of Management & Technology, Jalandhar on March 16, 2012.
- Presented paper titled “Stability Techniques in Physical and Biological Science” in National workshop on Sparse Statistics, Optimization & Mechanism Learning held IN Lyallpur Khalsa College, Jalandhar ON March 31, 2012.
- Presented paper titled “Graphs -The most ubiquitous models of both natural and human-made structures” in National Conference on Recent Trends in Discrete & Fuzzy Mathematics held in DAV College, Jalandhar on February 2-4, 2013.

Research papers in International conferences

- Presented paper titled “Impact of Global Change on Floura & Fauna” in International Conference on Environmental Challenges : A Global Concern held in Kanya Maha Vidyalaya, Jalandhar on October 15-16, 2010
- Presented paper titled “Women – The Builder of Nation” in International Conference on Empowering Women through Higher

Education held in in Kanya Maha Vidyalya, Jalandhar on October 20-21, 2011.

- Presented paper titled “Stability of Double- Diffusive Hydromagnetics Walter’s (Model B’) Visco- Elastic Fluid Permeated with Suspended Particles and Variable Gravity in Porous Medium” in International Conference on Role of Technology in Enhancing the Quality of Higher Education held in Kanya Maha Vidyalya, Jalandhar on October 26-27, 2012
- Paper titled “ Numerical Study on the Stability of two-dimensional incompressible flow in a channel” at Sharda University on 30th March, 2016
- Paper titled “FINITE DIFFERENCE SCHEME FOR MHD FLOW OVER A LINEARLY STRETCHED SHEET WITH THERMAL RADIATION” at CT Group of Institutes on 4th June, 2016

Research Paper Published in International Journal

- Paper titled “Challenges & Opportunities in Managing Global Workforce” Published in **International Journal For Science And Emerging Technologies With Latest Trends** ISSN -2250-3641 (special issue) .Page-286 to289
- Stability of Double- Diffusive Hydromagnetics Walter’s (Model B’) Visco- Elastic Fluid Permeated with Suspended Particles and Variable Gravity in Porous Medium in Journal **Mathematical Theory and Modeling** Vol. 3, No 3 (2013), March 31, 2013 ISSN 2225-0522 Page 33-43
- Finite Element Galerkin’s approach for viscous incompressible fluid through porous medium in coaxial cylinders in **Journal of Mathematical Sciences and applications** Vol. 1, No.3, (2013) Page 39-42

- Finite difference technique for unsteady MHD periodic flow of Viscous fluid through a planer Channel in **American Journal of Modelling and Optimization**, Vol. 1, No. 3, (2013) Page 44-55
- Analysis of Heat transferrin hydromagnetic rotating flow of viscous fluid through a non- homogeneous porous medium with constany heat source/ sink in **IJMRAE** Vol. 7, No.1(2014) , ISSN 0974-1518, Page 9-24
- **Analytic study oh MHD onlaminar mixed convection of Newtonian fluid between vertical parallel plates through Channel** in **IJMRAE** Vol. 6 , No.1(2014) , ISSN 0975-7074, Page 85-98

Research Paper Published in Proceedings of International Conference

- Paper titled “Women – The Builder of Nation “Published in International Conference “Empowering Women through Higher Education” in Page No108 (ICEW) on October 20-21, 2011.

Research Paper Published in Proceedings of National Conferences

- Veda are mothers of Mathematics & Humanity in Research Book “Vedon Ki Vishav Ko Den” Page No-191 to197 U.G.C. Sponsored National Conference
- Paper titled “Mathematics- the Queen of Science” in Proceedings of National workshop on Network Security & Management (Sponsored by UGC) page-177 to 180
- Paper titled “ Information Technology (IT): An Innovative Dawn in Indian Banking Sector” in Proceedings of National workshop

on Network Security & Management (Sponsored by UGC) page-122 to 124

- Published paper titled “Impact of Media On Literature,culture & Mathematical thinking” in Proceedings of ” U GC Sponsored National Seminar “Impact of Media on Language,Literature and culture “ Page-234 to 240.
- Sustainable development in small scale business sector: An Eco-Effectiveness & Natural Capitalism Approach.
- National Seminar on Development Perspective-Focus on Sustainable and inclusive Growth –Page-82

- The Study of Fluid Flow Problems. Proceeding of the National Seminar on Role of statistics in Physiotherapy) Page -157 to 161
- Hypothesis Testing in Research.(Proceeding of the National Seminar on Role of statistics in Physiotherapy) Page -81 to 89
- Mathematical Model – A basic need paper published in National Conference Proceedings (NCEA-2011) Engineering Applications April 9, 2011. Page388 to 390.
- Stability Techniques in Physical and Biological Science published in UGC sponsored National Workshop Theme Sparse Statistics, Optimization & Mechanism Learning ON March 30- 31, 2012. (Page-8 to13)
- Estimation- The Part and Parcel of life published in UGC sponsored National Workshop Theme Sparse Statistics, Optimization & Mechanism Learning ON March 30- 31, 2012.(Page-14 to17)

Workshops Attended

- ‘Golden Lecture Series’: e-shiksha, Lyallpur Khalsa College, Jal
- Unfolding in Vedic Mathematics: Significance & Applications in Modern Science, PTU
- Sparse Statistics, Lyallpur Khalsa College, Jal
- Higher Education in India - The Changing Facet, CTIEMT, Jal
- Outcome Based Accreditation Programme in PTU organized by NBA & PTU
- TEW On Rings and Modules in DAV College Jalandhar

Faculty Development Programmes Attended

- Generic Skills Development , CTIEMT, Jal
- Importance of Applied Sciences in Engineering, CTIEMT, Jal

Conducted Workshop as Resource Person

- New St.Soldier Sr .Sec .Public School Affiliated to P.S.E.B.MOHALI on topic “Statistics “ on 11.febuary ,2012
- THE GURUKUL Affiliated to C .B. S.E. Delhi on topic “ Math is Mother of Science “ on 15th September2012
- STATE PUBLIC SCHOOL Affiliated to C .B. S.E. Delhi on topic “ Career Awareness “ on 9th Feb 2013
- Dips School Urban Estate Phase -1- Affiliated to C .B. S.E. Delhi on topic “Differential calculus & Integral calculus” on 16th Feb 2013
- THE GURUKUL Affiliated to C .B. S.E. Delhi on topic “ Trigonometry “ on 23rd Feb 2013

Co- curricular Activities

- Got first prize in Science Exhibition In M.G.N.Public School
- Member of N.S.S.camp for three years
- Honored Prof. Ravinder Mohan Malhotra by Speech at his Retirement Party.
- Honored Prof. R.C. Kukreja by Speech at his Retirement Party.
- Member of Chemical Association in Lyallpur Khalsa College, Jal.
- Participated in Science exhibition in Lyallpur Khalsa College, Jal.
- Participated in paper reading competition in Sir C.V. Raman Physics Association in Lyallpur Khalsa College, Jal.
- Participated in Essay Competition in office of civil surgeon, Jal.
- Participated in Independence Day ceremony in 2006 at Guru Gobind Singh Stadium.
- Got Rank & Bolt Award by Air India.

Computer Proficiency

Knowledge of basic skills and can operate MS word, PowerPoint, excel, etc.

Personality and Traits

- Independent
- Ambitious
- Quick – thinker
- Good learner
- Self – reliant
- Able to follow deadlines
- Good communication and interpersonal skills

- Hard working
- Great adaptability
- Positive approach

Personal Profile

Date of birth: October 1, 1982

Father's name: S. Darshan Singh

Mother's name: Smt.Ravinder Kaur

Gender: Female

Marital status: Married

Language known: English, Punjabi, Hindi

Permanent Address: H.No. 41, Kasturba Nagar, Jalandhar Cantt.

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References:

- 1. S. Darshan Singh**
Journalist Punjab Kesari
Jalandhar
9814930236

- 2. Dr. G.S.Samra**
Principal
Lyallpur Khalsa College, Jalandhar
9878822140

Date: June 30, 2016

Signature

