



Dr. Parveen Lata

Personal Information details

Name :	Dr. Parveen Lata
Designation:	Professor
Department:	Mathematics
Date of Birth:	05/08/1970
Address for Correspondence:	# 44,Salaria Vihar, Urban Estate Ph-1,Patiala-147001
Phone	+919501333588
E-mail:	parveenlata70@gmail.com parveenlata@pbi.ac.in
Orcid ID:	http://orcid.org/0000-0003-2592-0885
Scopus Author ID:	56519903200
Researcher ID:	N-2135-2019
Areas of Specialisation:	Broad area: Solid Mechanics. Research Area: Thermoelasticity.
Google Scholar Link:	https://scholar.google.com/citations?user=-dFIzjgAAAAJ&hl=en

special achievement

- Stanford University Global List of 2% Scientists
 - Career Lifetime Achievement (2023)
 - Single Year Citations (2023, 2022, 2021, 2020) Global Recognition as a Highly Cited Researcher
- I have been consistently ranked in the top 2% of scientists worldwide by Stanford University, USA, for the past four years (2023, 2022, 2021, and 2020). This recognition is based on my lifetime research impact (Career lifetime achievement) and my citations in a single year (Single year citations).

— Academic Qualifications

S.no.	Degree	Year	Board/ Univ./ Inst.	Div./ Rank
1	Matric	1985	P.S. Ed. B	First
2	B.A.	1989	PUP	First in University
3	M.Sc	1991	PU Chandigarh	First
4	MPhil	1994	PU Chandigarh	First
5	PhD	2017	MMU Mullana	
6	CSIR UGC-NET	Qualified		

— Membership of Professional Bodies /Organisations

1. Life member of Punjab Academy of Sciences, Patiala. Membership No. L-1233.
2. Life member of Indian Mathematical Society with membership no. L-12-040
3. Life member of Ramanujam Mathematical Society with membership no. 1268.
4. 10 year Associate Membership of The Mathematics Consortium .
5. Member of American Mathematical Society with reference no. 2990541230 (LTPRXC)

— Awards and Medals

- Gold medal in B.A. from Punjabi University Patiala.

— Scholarships

- i) Matric (Merit List)
- ii) B.A, (First position in University)

— Details of Experience

S.no	Name of the Institution	Position Held	Duration	Major job Responsibilities and Nature of Experience
1	G.N.D.K.Girls college, Bathinda	Lecturer	Aug1995-Mar1998, Aug2000-Jun2002, July2002-July 2005	Teaching and in charge of Fine Arts Club
2	Govt. Polytechnic Bathinda	Lecturer	April 1998-Feb2000	Teaching
3	GZS College of Eng. and Tech. Bathinda	Lecturer	Feb2000-Jul2000	Teaching
4	Punjabi University Patiala	Assistant Professor	July2005-Sep 2017	Teaching
5	Punjabi University Patiala	Associate Professor	27th Sep' 2017 till date	Teaching
6	Punjabi University Patiala	Professor	27th Sep'2020 till date	

— Published Work

1. Research Papers
 - i) International: 96
 - ii) National: 02
2. Conference / Seminar Presentation: 18
3. Workshops/Orientation/Refresher/STC: 10(Total)
4. Books : 02
5. Chapters in books : 02
6. Papers in conference proceedings : 02

Ph.D. Students under guidance

S.no	Name of the Student	Title of Thesis	Year of Completion
1	Ms Iqbal Kaur	A Study on some dynamical Problems of transversely Isotropic thermoelastic medium	2021
2	Mr. Sukhveer Singh	A study on thermomechanical interactions in nonlocal thermoelastic solids	Registered
3	Ms Harpreet Kaur	Some dynamical studies on thermoelastic media using modified couple stress theory	Registered
4	Ms Himanshi	A study on orthotropic thermoelastic media using fractional ordered theory of thermoelasticity	Registered
5	Ms Heena	A Study of Thermodiffusion in Transversely Isotropic Thermoelastic media	Registered
6	Belay Fikadu	Dynamical Studies of some Problems on nonlocal thermoelastic media with diffusion	Enrolled

Reviewed papers for research Io for Research Journals

- i) Latin American Journal of Solids and Structures
- ii) Journal of porous media
- iii) Cogent OA
- iv) Case Studies in thermal Engineerin
- v) Journal of Thermal Stresses
- vi) Expert Systems with Applic ations
- vi) International Journal of Heat and Mass Transfer
- viii) International journal of Mechanical Sciences
- ix) Journal of Physics and Chemistry of Solids
- x) Journal of Thermal Biology

Citations of Research publications

	Citations	h-index	i-10 index
As per SCOPUS	1227	20
As per Google Scholar	1409	21	51

— List of Courses taught at P.G. and U.G. Level

S. no.	Paper	Class
1	Applied Mathematics-I and II	B.Tech. Sem-I and II
2	Numerical Methods Theory and Lab	B.Tech-II
3	Optimisation Techniques	B.Tech-II
4	Discrete Mathematics	B.Tech-III
5	Operation Research	M.B.A.
6	Mathematics (BAS-PH-G.E2.)	Five year Integrated M.Sc programme in Physics
7	Mathematics for Economic Analysis-I &2	B.A. Honours in Economics
8	Mathematics (BAS-PH-G.E4.)	Five year Integrated M.Sc programme in Physics

— Administrative/Academic Experience

1. Head, Department of Basic and Applied Sciences, Punjabi University Patiala since 8th June,2021. to 31st March 2022
2. Head, Department of Mathematics since 1st April 2022.
3. Member of Academic Council of the University.
4. Chairperson Board of Studies of PG and UG of Department of Mathematics.
5. Chairperson of ACD committee of the Department
6. Additional duty of warden at Silver Jubilee hostel from 7.1.2009- 6.1.2014.
7. Subject expert in the various committees for the appointment of teachers in Mathematics, formed by CDC, Punjabi University Patiala.
8. Member in the seat allotment committee in the centralized admission of B.Ed by Punjabi University Patiala in 2008.
9. Member, Board of Studies in Basic and Applied Sciences at Punjabi University, Patiala from 29.3.2006-28.3.2008.
10. Member of seat allotment committee in the centralized admissions by Punjabi University for admissions of B.Tech-I, LEET for the session 2016-2017.
11. Member, Faculty of Engineering and Technology, at Punjabi University, Patiala.
12. Member Board of studies in Mathematics in the department of Basic and Applied Sciences.
13. Member of the Departmental Committees (ACD, Subject Co-ordinator, Orientation program for B.Tech-I, Admission Committee, Fee Concession Committee, Anti-Ragging Committee, Culture committee , Discipline Committee etc.) as assigned since 2005 at Punjabi University, Patiala.

14. Member/convener of Time Table committee in the department of Basic and Applied Sciences.
15. Performed the duty of centre superintendent for the conduct of UGC Exam at Punjabi University Patiala in Dec 2014 and July 2015.
16. Listed in the panel of examiners of Guru Granth Sahib University Fatehgarh Sahib.
17. Listed in the panel of examiners of MM University Mullana

— Technical Proficiency

Possess good Knowledge of programming of Fortran, C and C++, Mat Lab. We prepare mathematical model from the various problems of engineering, geophysics and also related to seismology . Solution to the problem is obtained by using several mathematical techniques in transformed domain. Further we use numerical inversion techniques using Matlab or Fortran to depict the results graphically.

— Published Papers

1. Parveen Lata and Harpreet Kaur; Axisymmetric deformation in transversely isotropic thermoelastic medium using new modified couple stress theory, *Coupled Systems Mechanics* (Publisher: Techno Press), ISSN: 2234-2184(Print), 2234-2192(Online) Vol.8, No.6 (Dec,2019), pp.501-522. DOI: 10.12989/csm.2019.8.6.501 ESCI SCOPUS
2. Parveen Lata and Harpreet Kaur; Deformation in transversely isotropic thermoelastic medium using new modified couple stress theory in frequency, *Geomechanics and Engineering*, (Publisher: Techno Press), ISSN: 2005- 307X (Print), ISSN: 2092-6219(Online), Vol. 19, No. 5 , (Dec, 2019), 369-381. DOI: 10.12989/gae.2019.19.5.369 SCIE SCOPUS Impact factor : 3.223(2018)
3. Iqbal Kaur and Parveen Lata and; Rayleigh wave propagation in transversely isotropic magneto thermoelastic medium with three phase lag heat transfer and diffusion, *International Journal of Mechanical and Materials Engineering* (Publisher: Springer Open), (Oct.2019),14:12 <https://doi.org/10.1186/s40712-019-0108-3>. Springer Open
4. Parveen Lata and Himanshi; Fractional order generalized thermoelastic study in orthotropic medium of type GN-III, *Geomechanics and Engineering*, (Publisher: Techno Press), ISSN: 2005- 307X (Print), ISSN: 2092-6219(Online), Vol. 19, No. 4 ,(Nov.2019), 295-305. DOI: 10.12989/gae.2019.19.4.295 SCIE SCOPUS Impact factor : 3.223
5. Parveen Lata and Iqbal Kaur, Axisymmetric thermomechanical analysis of transversely isotropic magneto thermoelastic solid due to time-harmonic sources *Coupled Systems Mechanics* (Publisher: Techno Press), ISSN: 2234-2184(Print), 2234-2192(Online) Vol.8, No.5 (Oct. 2019), pp.415-437. DOI: 10.12989/csm.2019.8.5.415 ESCI SCOPUS
6. Parveen Lata and Iqbal Kaur; Thermomechanical interactions due to time harmonic sources in a transversely isotropic magneto thermoelastic solids with rotation, *International Journal of Microstructure and Materials Properties*(Inderscience Publishers)ISSN: 1741-8410 ,Vol. 14, No. 6(Oct.2019), pp.549-577. DOI: 10.1504/IJMMP.2019.103190 SCOPUS

7. Parveen Lata and Sukhveer Singh; Effect of nonlocal parameter on nonlocal thermoelastic solid due to inclined load, *Steel and Composite Structures* (Publisher: Techno Press), ISSN:1229-9367 (print) ISSN: 1598-6233 (online), Vol. 33, No. 1 (Oct.2019), pp.123-131. DOI: 10.12989/scs.2019.33.1.123 Impact factor : 3.899(2018) SCIE..SCOPUS
8. Parveen Lata and Iqbal Kaur; Thermomechanical interactions in transversely isotropic magneto thermoelastic solid with two temperatures and without energy dissipation, *Steel and Composite Structures*, (Publisher: Techno Press), ISSN:1229-9367 (print) ISSN: 1598-6233 (online), Vol. 32, No. 6 (Sep. 2019) 779-793.
DOI: 10.12989/scs.2019.32.6.779 Impact factor : 3.899 SCIE..SCOPUS
9. Parveen Lata and Iqbal Kaur; Effect of time harmonic sources on transversely isotropic thermoelastic thin circular plate , *Geomechanics and Engineering*, (Publisher: Techno Press), ISSN: 2005- 307X (Print), ISSN: 2092-6219(Online), Vol. 19, No. 1 ,(Sep. 2019), 29-36.
DOI: <https://doi.org/10.12989/gae.2019.19.1.029> SCIE SCOPUS Impact factor : 2.594
10. Parveen Lata and Iqbal Kaur; Plane wave propagation in transversely isotropic magneto thermoelastic rotating medium with fractional order generalized heat transfer, *Structural Monitoring and Maintenance-an International Journal*, (Publisher: Techno-Press), ISSN:2288-6605(Print) ISSN:2288-6613(Online), Vol. 6, No. 3 (Sep.2019) 191-218.
DOI: <https://doi.org/10.12989/smm.2019.6.3.191> ESCI SCOPUS
11. Parveen Lata and Iqbal Kaur; Thermomechanical interactions in transversely isotropic thick circular plate with axisymmetric heat supply, *Structural Engineering and Mechanics*, (Publisher: Techno Press), ISSN: 1225-4568(Print), ISSN: 1598-6217(Online), Vol. 69, No. 6, (March.2019), pp. 607-614. DOI: 10.12989/sem.2019.69.6.607 Impact factor : 2.804 SCIE.and SCOPUS
12. Iqbal Kaur and Parveen Lata; Transversely isotropic thermoelastic thin circular plate with constant and periodically varying load and heat source, *International Journal of Mechanical and Materials Engineering* (Publisher: Springer Open), 18230334, 21982791 (Aug.2019), 14:10 <https://doi.org/10.1186/s40712-019-0107-4>. Springer Open
13. Parveen Lata and Iqbal Kaur; Effect of rotation and Inclined Load on Transversely Isotropic Magneto Thermoelastic Solid, *Structural Engineering and Mechanics*, (Publisher: Techno Press), ISSN: 1225- 4568(Print), ISSN: 1598-6217(Online), Vol. 70, No. 2, (April. 2019), pp. 245-255. DOI: 10.12989/sem.2019.70.2.245 Impact factor : 2.804(2018) SCOPUS... SCIE
14. Iqbal Kaur and Parveen Lata; Transversely Isotropic Magneto Thermoelastic Solid with Two Temperature and Without Energy Dissipation in Generalized Thermoelasticity Due to Inclined Load , *SN Applied Sciences*, ISSN: 2523-3963(Print), ISSN: 2523-3971(Online), 1:426, (April.2019), <https://doi.org/10.1007/s42452-019-0438-z>. Springer Open. ESCI
15. Parveen Lata; Time harmonic interactions in fractional Thermoelastic diffusive thick circular plate, *Coupled Systems Mechanics* (Publisher: Techno Press), ISSN: 2234-2184(Print), 2234-2192(Online) Vol.8 , No. 1, (Feb.2019), pp.39-53. DOI: 10.12989/csm.2019.8.1.039 ESCI SCOPUS
16. Parveen Lata and Iqbal Kaur; Transversely isotropic thick plate with two temperature & GN type-III in frequency domain, *Coupled Systems Mechanics* (Publisher: Techno

- Press), ISSN: 2234-2184(Print), 2234-2192(Online) Vol.8, No.1 (Feb.2019), pp.055-70. DOI: 10.12989/csm.2019.8.1.055 ESCI SCOPUS
17. Parveen Lata and Iqbal Kaur; Effect of inclined load on transversely isotropic magneto thermoelastic rotating solid with time harmonic source, *Advances in Materials Research*(Publisher: Techno Press), , Vol.8, No. 2(Jan.2019),pp.83-102. DOI: 10.12989/amr.2019.8.2.083 ESCI
 18. Parveen Lata and Iqbal Kaur;Thermomechanical interactions in a transversely isotropic magneto thermoelastic solids with two temperatures and rotation due to time harmonic sources, *Coupled Systems Mechanics* (Publisher: Techno Press), ISSN: 2234-2184(Print), 2234-2192(Online) Vol.8, No.3 (June. 2019), pp.219-245. DOI: 10.12989/csm.2019.8.3.219 ESCI SCOPUS
 19. Iqbal Kaur and Parveen Lata; Effect of hall current on propagation of plane wave in transversely isotropic thermoelastic medium with two temperature and fractional order heat transfer, *SN Applied Sciences*,ISSN: 2523-3963(Print), ISSN: 2523-3971(Online), 1:900(July.2019). <https://doi.org/10.1007/s42452-019-0942-1>. Springer Open..ESCI
 20. Parveen Lata; Effect of energy dissipation on plane waves in sandwiched layered thermoelastic medium, *Steel and Composite Structures*(Publisher: Techno Press), ISSN:1229-9367 (print) ISSN: 1598- 6233 (online), Vol.27, No.4,(May.2018), pp.439-451. DOI: 10.12989/scs.2018.27.4.439 Impact factor : 3.899 SCOPUS...SCIE
 21. Parveen Lata; Reflection and refraction of plane waves in layered nonlocal elastic and anisotropic thermoelastic medium , *Structural Engineering and Mechanics*,(Publisher: Techno Press), ISSN: 1225- 4568(Print), ISSN: 1598-6217(Online), Vol. 66, No. 1, (June.2018), pp. 113-124. DOI: 10.12989/sem.2018.66.1.113 Impact factor : 2.804(2018) SCOPUS. . . SCIE
 22. Parveen Lata and Iqbal Kaur; Effect of hall current in Transversely Isotropic magneto thermoelastic rotating medium with fractional order heat transfer due to normal force, *Advances in Materials Research*(Publisher: Techno Press), , ISSN: 2234-0912(Print), ISSN: 2234-179X(Online)Vol.7, No. 3(May.2019),pp.203-220. DOI: 10.12989/amr.2018.7.3.203 ESCI
 23. Parveen Lata and Iqbal Kaur; A Study of Transversely Isotropic Thermoelastic Beam with Green-Naghdi Type-II and Type-III Theories of Thermoelasticity, *Applications and Applied Mathematics*, (Publisher: Pairie View A&M University Department of Mathematics),ISSN: 1932-9466, (June 2019), Vol.14, No.1, pp.270-283. ESCI
 24. Parveen Lata; Fractional order thermoelastic thick circular plate with two temperatures in frequency domain, *Applications and Applied Mathematics*, (Publisher : Pairie View A&M University Department of Mathematics),ISSN: 1932-9466, (Dec.2018), Vol.13, No.2, pp.1216-1229. ESCI
 25. Iqbal Kaur; Parveen Lata;and Kulvinder Singh; Effects of Memory Dependent Derivative of Bio-heat Model in Skin Tissue exposed to Laser Radiation; *EAI Endorsed Transactions on Pervasive Health and Technology (EAI.EU)*(May 2020),ISSN: 2411-7145, DOI: 10.4108/eai.13-7-2018.164589

26. Rajneesh Kumar, Nidhi Sharma and Parveen Lata and M. Marin; Reflection of plane waves at micropolar piezothermoelastic half-space, computational methods in Science and Technology (ISSN: 1505-0602, e ISSN: 2353-9453) ,Vol.24, No.1,(Jan.2018), pp.113-124.
27. Rajneesh Kumar, Nidhi Sharma and Parveen Lata; Effects of Hall current and two temperatures in transversely isotropic magnetothermoelastic with and without energy dissipation due to Ramp type heat ,Mechanics of Advanced Materials and Structures , (Publisher: Taylor and Francis Inc), ISSN: 1537- 6494(Print), ISSN: 1537-6532(Online)Vol.24, No.8, (Nov.2016), pp.625-635. <https://doi.org/10.1080/15376494.2016.1196769> Impact Factor: 2.873 Taylor and Francis. . . SCI indexed
28. Rajneesh Kumar, Nidhi Sharma , Parveen Lata and S.M. Abo-Dahab ; Rayleigh waves in anisotropic magneto thermoelastic medium, Coupled Systems Mechanics (Publisher: Techno Press), ISSN: 2234-2184(Print), 2234-2192(Online) Vol.6, No.3 (Aug.2017), pp.317-333. DOI: 10.12989/csm.2017.6.3. ESCI SCOPUS(CiteScore: 2.7)
29. Rajneesh Kumar, Nidhi Sharma , Parveen Lata and S.M. Abo-Dahab; Mathematical modelling of Stoneley wave in a transversely isotropic thermoelastic media, Applications and Applied Mathematics, ,(Publisher: Pairie View A&M University Department of Mathematics),ISSN: 1932-9466 , Vol.12, No.1,(June.2017), pp. 319-336. ESCI
30. Parveen Lata; A comparison between isotropic and transversely isotropic thermoelastic solids with two temperature and without energy dissipation in frequency domain due to concentrated force, International Journal of Mechanics and Solids ,ISSN: 0973-1881(Publishers: Research India Publications, Vol. 9, No.1, (Jan.2017), pp.77-88.
31. Parveen Lata; Linearly distributed time harmonic mechanical and thermal sources effect at transversely isotropic thermoelastic solids with two temperatures and without energy dissipation, International Journal of Theoretical and Applied Mechanics, (Publishers: Research India Publications) ,ISSN 0973-6085, Vol.12, No.3,(Jan.2017),pp. 435-443.
32. Parveen Lata and Rajneesh Kumar ; Stoneley Waves At The Interface Of Thermoelastic Diffusion Solid And Microstretch Thermoelastic Diffusion Solid , Aryabhata Journal of Mathematics and Informatics ,(Publishers: The Aryan Research and Education Trust),ISSN:0975-7139(Print), 2394- 9309(online),Vol.9, No.1, (June.2017),pp.351-371.
33. Rajneesh Kumar, Nidhi Sharma and Parveen Lata; Reflection of plane waves from microstretch thermoelastic with microtemperature half-space , Indian Journal of Science, (Publisher: Discovery Scientific Society), ISSN: 2319-7730(Print), ISSN: 2319-7749(Online), Vol.24, No.90, (April.2017), pp.92-113
34. Parveen Lata, Rajneesh Kumar and Nidhi Sharma; Wave propagation in a sandwiched layer of transversely isotropic magnetothermoelastic with elastic solids, Aryabhata Journal of Mathematics and Informatics,(Publishers: The Aryan Research and Education Trust),ISSN:0975-7139(Print), 2394- 9309(online), Vol.9, No. 1 , (March.2017), pp.491-508. I.F.:5.856
35. Rajneesh Kumar, Nidhi Sharma and Parveen Lata; Thermomechanical interactions in a transversely isotropic magnetothermoelastic with and without energy dissipation with

- combined effects of rotation, vacuum and two temperatures, *Applied Mathematical Modelling*, (Publisher: Elsevier Science Inc.), ISSN: 0307-904X(Print), ISSN: 1872-8480 (Online) Vol.40(13-14), (July.2016), pp. 6560-6575. <https://doi.org/10.1016/j.apm.2016.01.061> Impact Factor: 5.336 SCIE INDEXED Elsevier
36. Parveen Lata, Rajneesh Kumar and Nidhi Sharma; Plane waves in anisotropic thermoelastic medium, *Steel and Composite Structures*, (Publisher: Techno Press), ISSN:1229-9367 (print) ISSN: 1598- 6233 (online) , Vol. 22, No. 3, (Oct.2016) pp.567-587 Impact factor : 3.899(2018) WEB OF SCIENCE ,SCIE AND SCOPUS INDEXED
 37. Rajneesh Kumar, Nidhi Sharma and Parveen Lata; Effects of Hall current in a transversely isotropic magnetoelastostatic two temperature medium with rotation and with and without energy dissipation due to normal force, *Structural Engineering and Mechanics*, (Publisher: Techno Press), ISSN: 1225- 4568(Print), ISSN: 1598-6217(Online), Vol. 57, No. 1, (Jan.2016), pp. 91-103. DOI: 10.12989/sem.2016.57.1.091 Impact factor : 2.804(2018) SCIE AND SCOPUS INDEXED
 38. Rajneesh Kumar, Nidhi Sharma and Parveen Lata; Effect of two temperatures and thermal phase lags in a thick circular plate with axisymmetric heat supply, *Cogent Mathematics* (Publisher: Taylor and Francis Inc), ISSN: 2331-1835, Vol.3,No.1, (Dec.2016) ,ID:1129811. <https://doi.org/10.1080/23311835.2015.1129811> ESCI
 39. Rajneesh Kumar, Nidhi Sharma and Parveen Lata; Effect of thermal and diffusion phase-lags in a thick circular plate with axisymmetric heat supply, *Multidiscipline modelling in materials and Structures*, (Publisher: Emerald group publishing limited) , ISSN: 1573-6105(Print), ISSN: 1573-6113(Online), Vol. 12, No. 2, (June.2016), pp. 275 – 290. <https://doi.org/10.1108/MMMS-08-2015-0042> ESCI SCOPUS I.F.:2.66
 40. Rajneesh Kumar, Nidhi Sharma and Parveen Lata; Thermomechanical interactions due to hall current in transversely isotropic thermoelastic with and without energy dissipation with two temperature and rotation , *Journal of Solid Mechanics* (Publisher: Islamic Azad University Arak Branch), ISSN:2008- 3505 (print) ISSN: 2008-7683 (online), Vol. 8, No. 4, (Dec.2016), pp. 840-858. SCOPUS I.F.:0.639
 41. Rajneesh Kumar, Nidhi Sharma and Parveen Lata; Effect of thermal and diffusion phase-lags in a thick circular plate due to a ring load with axisymmetric heat supply , *Applications and Applied Mathematics*, (Publisher: Pairie View A&M University Department of Mathematics), ISSN: 1932-9466, Vol. 11, No. 2, (June.2016), pp. 748 - 765. ESCI I.F.:7.413
 42. Rajneesh Kumar, Nidhi Sharma and Parveen Lata; Effect of two temperatures and thermal phase-lags in a thick plate due to a ring load with axisymmetric heat supply, *computational methods in Science DOI: 10.12989/scs.2016.22.3.567 and Technology*, (Publisher :www.cmst.eu), ISSN: 1505-06029(Print), ISSN: 2353-9453(online), Vol. 22, No. 3, (Jan.2016), pp.153-162.
 43. Rajneesh Kumar, Nidhi Sharma and Parveen Lata; Disturbance Due To Inclined Load In Transversely Isotropic Thermoelastic Medium With Two Temperatures And Without Energy Dissipation, *Material Physics and Mechanics*, (Publisher: Advanced Study Centre Co.) , ISSN: 1605- 2730(Print), ISSN: 1605-8119 (Online) Vol.22, (Jan.2015), pp.107-117.

44. Rajneesh Kumar, Nidhi Sharma and Parveen Lata; Effect of two temperature and anisotropy in an axisymmetric problem in transversely isotropic thermoelastic solid without energy dissipation and with two temperature, American Journal of Engineering Research ,ISSN: 2320-0847(Online) , ISSN :2320- 0936(Print), Vol.4, No.7 , (July.2015), pp.176-187.
45. Rajneesh Kumar, Nidhi Sharma and Parveen Lata; Thermomechanical Response of Transversely Isotropic Thermoelastic Solids with Two Temperature and Without Energy Dissipation Due to Time Harmonic Sources, Global Journal of Science Frontiere Research-F (Publishers: Global Journals Inc),ISSN: 2249-4626 (Online)& ISSN: 0975-5896(Print), Vol.15, No.7, (July.2015),69-82.
46. Rajneesh Kumar, Nidhi Sharma and Parveen Lata; Effect of two temperature on the time harmonic behaviour of an axisymmetric problem in transversely isotropic thermoelastic solid with Green-Naghdi theory of type-ii, Afro-Asian journal of Science and Technology (ISSN 2349-4964), Vol.2, No.1,(Jan.2015), pp.199-214.
47. Nidhi Sharma and Parveen Lata; Deformation in Transversely Isotropic Thermoelastic Material Without Energy Dissipation and With Two Temperature due to Inclined Load, MR International Journal of Engineering and Technology, (Publishers: Manav Rachna international institute of research and studies),ISSN 0975-4997, Vol. 5, No. 2, (Dec.2013), pp.15-23.
48. Parveen Lata and Himanshi; Time harmonic interactions in an orthotropic media in the context offractional order theory of thermoelasticity, Structural Engineering and Mechanics, (Publisher: Techno Press), ISSN: 1225-4568(Print), ISSN: 1598-6217(Online), Vol. 73, No. 6, (July.2020), pp.725-735. DOI: 10.12989/sem.2020.73.6.725. Impact factor : 3.524 SCOPUS AND SCIE INDEXED
49. Harpreet Kaur and Parveen Lata; Effect of thermal conductivity on isotropic modified couple stress thermoelastic medium with two temperatures, Steel and Composite Structures(Publisher: Techno Press), ISSN:1229-9367 (print) ISSN: 1598-6233 (online), Vol. 34, No. 2(Jan.2020), pp.309-319. DOI: 10.12989/scs.2020.34.2.309 Impact factor : 5.733 SCOPUS AND SCIE INDEXED
50. Parveen Lataand Iqbal Kaur; Thermomechanical interactions in transversely isotropic magneto-thermoelastic medium with fractional order generalized heat transfer and hall current, Arab Journal Of Basic and Applied Sciences(Online ISSN: 2576-5299)Publishers: University of Bahrain and Taylor & Francis VOL. 27, NO. 1, Jan.2020, 13–26 .
<https://doi.org/10.1080/25765299.2019.1703494> SCOPUS
51. Iqbal Kaur and Parveen Lata; Stoneley wave propagation in transversely isotropic thermoelastic medium with two temperature and rotation, International Journal on Geomathematics,ISSN : 18692672, 18692680 .11:4 (Jan.2020). DOI: <https://doi.org/10.1007/s13137-020-0140-8> Springer

52. Iqbal Kaur and Parveen Lata; Axisymmetric deformation in transversely isotropic magneto-thermoelastic solid with Green–Naghdi III due to inclined load, *International Journal of Mechanical and Materials Engineering* (Publisher: Springer Open), Jan.2020,15: 3 <https://doi.org/10.1186/s40712-019-0111-8>. Springer Open
53. Iqbal Kaur; Parveen Lata and Kulvinder Singh; Effect of Hall current in transversely isotropic magneto-thermoelastic rotating medium with fractional-order generalized heat transfer due to ramp-type heat, *Indian Journal of Physics*(ISSN 0973-1458),Springer. (June 2021) <https://doi.org/10.1007/s12648-020-01718-2>. Springer.SCIE ,WEB OF SCIENCE INDEXED
54. Parveen Lata; Iqbal Kaur and Kulvinder Singh; Transversely isotropic thin circular plate with multi-dual-phase lag heat transfer; *Steel and Composite Structures*(Publisher: Techno Press), ISSN:1229-9367 (print) ISSN: 1598-6233 (online), Vol.35, No.3,(May.2020), pp.343-351. DOI: 10.12989/scs.2020.35.3.343 Impact factor : 5.733(2020) SCOPUSAND SCIE INDEXED
55. Parveen Lata and Sukhveer Singh; Time harmonic interactions in non local thermoelastic solid with two temperatures; *Structural Engineering and Mechanics*, (Publisher: Techno Press), ISSN: 1225- 4568(Print), ISSN: 1598-6217(Online), Vol. 74, No. 3, (May 2020), pp.341-350. DOI: 10.12989/sem.2020.74.3.341 Impact factor : 3.524 SCOPUS AND SCIE INDEXED
56. Parveen Lataand Sukhveer Singh; Deformation in a nonlocal magneto thermoelastic solid with hall current due to normal force, *Geomechanics and Engineering*, (Publisher: Techno Press), ISSN: 2005- 307X (Print), ISSN: 2092-6219(Online), Vol. 22, No. 2, July.2020, 109-117 DOI: 10.12989/gae.2020.22.2.109. SCIE SCOPUS Impact factor :3.223
57. Parveen Lataand Harpreet Kaur;Effect of two temperature on isotropic modified couple stress thermoelastic medium with and without energy dissipation,*Geomechanics and Engineering*, (Publisher: Techno Press), ISSN: 2005- 307X (Print), ISSN: 2092-6219(Online), Vol. 21, No. 5 ,June.2020, 461- 469. DOI: 10.12989/gae.2020.21.5.461 SCIE SCOPUS Impact factor : 3.223
58. Parveen Lata; Iqbal Kaur and Kulvinder Singh; Deformation in transversely isotropic thermoelastic thin circular plate due to multi-dual-phase-lag heat transfer and time-harmonic sources, *Arab Journal Of Basic and Applied Sciences*(Online ISSN: 2576-5299)Publishers: University of Bahrain and Taylor & Francis , Vol27,No.1, pp259-269(June.2020) <https://doi.org/10.1080/25765299.2020.1781328> SCOPUS ,I.F.2.627
59. Parveen Lata and Iqbal Kaur;Fractional Order Theory Of Thermal Stresses In A Two Dimensional Transversely Isotropic Magneto Thermoelastic Material, *Journal of Theoretical and Applied Mechanics,Sofia,(BULGARIAN ACADEMY OF SCIENCES)*Vol.50 (March.2020) pp. 222-237 (Print ISSN: 0861-6663, Online ISSN: 1314-8710)
60. Iqbal Kaur; Parveen Lata;and Kulvinder Singh; Effect of memory dependent derivative on forced transverse vibrations in Transversely Isotropic Thermoelastic cantilever nano-Beam with two temperature, *Applied Mathematical Modelling*,(Publisher: Elsevier Science Inc.), ISSN: 0307-904X(Print), ISSN: 1872-8480 (Online) Vol.88 (Dec.2020), pp.83-105. <https://doi.org/10.1016/j.apm.2020.06.045> Impact Factor: 5.129 Elsevier, SCIE AND WEB OF SCIENCE INDEXED

61. Iqbal Kaur; Parveen Lata;and Kulvinder Singh; Study of transversely isotropic nonlocal thermoelastic thin nano-beam resonators with multi-dual-phase-lag theory, *Archive of Applied Mechanics*(Jan.2021), ISSN 0939-1533. 91, pages317–341
DOI: 10.1007/s00419-020-01771-7
Springer I.F.1.976, SCI INDEXED
62. Iqbal Kaur; Parveen Lata;and Kulvinder Singh; Forced Flexural Vibrations in a Thin Nonlocal Rectangular Plate with Kirchhoff's Thin Plate Theory, *International Journal of Structural Stability and Dynamics* , Vol. 20, No. 9 (Sep.2020) 2050107.ISSN (print): 0219-4554 — ISSN (online): 1793-6764.
DOI: <https://dx.doi.org/10.1142/S0219455420501072>
I.F.2.58
63. Parveen Lata and Sukhveer Singh; Thermomechanical interactions in a non local thermoelastic model with two temperature and memory dependent derivatives, *Coupled Systems Mechanics*,ISSN: 2234-2184(Print), 2234-2192(Online). Vol. 9, No. 5 (Oct.2020) 397-410.
DOI: <https://doi.org/10.12989/csm.2020.9.5.397>
ESCI
SCOPUS CITE SCORE:2.7
64. Parveen Lata;Iqbal Kaur; and Kulvinder Singh; Propagation of plane wave in transversely isotropic magneto-thermoelastic material with multi-dual - phase lag and two temperature, *Coupled Systems Mechanics* ,ISSN: 2234-2184(Print), 2234-2192(Online)Vol. 9, No. 5 (Oct.2020) 411-432,
DOI: <https://doi.org/10.12989/csm.2020.9.5.411>
ESCI
SCOPUS CITE SCORE:2.7
65. Parveen Lata and Harpreet Kaur; Effect of length scale parameters on transversely isotropic thermoelastic medium using new modified couple stress theory, *Structural Engineering and Mechanics*, (Publisher: Techno Press), ISSN: 1225-4568(Print), ISSN: 1598-6217(Online), Vol. 76, No. 1, (Oct.2020), pp. 17-26.
DOI: 10.12989/sem.2020.76.1.017
Impact factor : 3.524(2020) SCOPUS AND SCIE INDEXED
66. Parveen Lata and Sukhveer Singh ;Effects of nonlocality and two temperature in a nonlocal thermoelastic solid due to ramp type heat source; *Arab Journal of Basic and Applied Sciences*, ISSN:2576-5299. 27:1, 357-363(Jan.2020).
<https://doi.org/10.1080/25765299.2020.1825157>
67. Parveen Lata and Sukhveer Singh; Plane wave propagation in a nonlocal magneto-thermoelastic solid with two temperature and Hall current; *Waves in Random and Complex Media*;(Oct. 2020),EISSN:1745-5049,PRINT ISSN:1745-5030.
<https://doi.org/10.1080/17455030.2020.1838667>
I.F. 4.853
68. Iqbal Kaur;Parveen Lata;and Kulvinder Singh; Memory-dependent derivative approach on magneto-thermoelastic transversely isotropic medium with two temperatures; *International*

Journal of Mechanical and Materials Engineering, ISSN:18230334, 21982791, (Dec.2020) 15:10.
<https://doi.org/10.1186/s40712-020-00122-2>
I.F:3.0

69. Iqbal Kaur; Parveen Lata; and Kulvinder Singh; Reflection and refraction of plane wave in piezo-thermoelastic diffusive half spaces with three phase lag memory dependent derivative and two temperature; *Waves in Random and Complex Media*; ISSN:1745-5030.1745-5049 (ONLINE) Dec.2020.
<https://doi.org/10.1080/17455030.2020.1856451>
70. Parveen Lata; and Harpreet Kaur; Time Harmonic interactions in the axisymmetric behaviour of transversely isotropic thermoelastic solid using New M-CST; *Coupled Systems Mechanics-an International Journal*, ISSN: 2234-2184(Print), 2234-2192(Online) Vol. 9, No. 6 (Dec.2020) 521-538.
DOI: <https://doi.org/10.12989/csm.2020.9.6.521>
ESCI
SCOPUS
71. Iqbal Kaur; Parveen Lata; and Kulvinder Singh; Reflection of plane harmonic wave in rotating media with fractional order heat transfer; *Advances in Materials Research-an International Journal (Techno-Press)*; ISSN: 2234-0912(Print), ISSN: 2234-179X(Online); Volume 9, Number 4, December 2020, pp: 289-309.
DOI: <https://doi.org/10.12989/amr.2020.9.4.289>
ESCI
SCOPUS CiteScore: 3.8 (2020)
72. Parveen Lata; Iqbal Kaur and Kulwinder Singh; Thermomechanical Interactions Due To Time Harmonic Sources In A Transversely Isotropic Magneto Thermoelastic Rotating Solids In Lordshulman Model, *Material Physics and Mechanics*; ISSN:1605-8119;46 (Oct.2019) 7-26.
DOI: 10.18720/MPM.4612020-2
73. Iqbal Kaur; Parveen Lata; and Kulvinder Singh; Study of frequency shift and thermoelastic damping in transversely isotropic nano-beam with GN III theory and two temperature; *Archives of Applied Mechanics.* (ISSN 0939-1533). 91, pages1697–1711 (April.2021)
<https://doi.org/10.1007/s00419-020-01848-3>
SCI INDEXED
74. Parveen Lata and Sukhveer Singh; Stoneley wave propagation in nonlocal isotropic magneto-thermoelastic solid with multi-dual-phase lag heat transfer; *Steel and Composite Structures*; Vol.38(2), Jan.2021, pp 141-150.
DOI: 10.12989/scs.2021.38.2.141
SCIE INDEXED
Impact factor : 5.733(2020) SCOPUS
75. Parveen Lata and Harpreet Kaur; Interactions in a homogeneous isotropic modified couple stress thermoelastic solid with multi-dual-phase-lag heat transfer and two temperature; *Steel and Composite Structures*; Vol.38(2), Jan.2021, pp 213-221. DOI: <http://dx.doi.org/10.12989/scs.2021.38.2.213>
SCIE INDEXED Impact factor : 5.733((2020) SCOPUS

76. Parveen Lata and Himanshi; Orthotropic magneto-thermoelastic solid with higher order dual-phase-lag model in frequency domain”, Structural Engineering and Mechanics, ISSN: 1225-4568(Print), ISSN: 1598-6217(Online).77(3)(Feb.2021), 315-327.
DOI: <http://doi.org/10.12989/sem.2021.77.3.315> SCIE INDEXED
Impactfactor : 2.984(2019)
SCOPUS
77. Parveen Lata and Himanshi “Stoneley wave propagation in an orthotropic thermoelastic media with fractional order theory”, Composite Material and Engineering, 3(1) (Feb.2021), 57- 70
ISSN: 2671-4930(Print), ISSN: 2671-5120(Online) <http://doi.org/10.12989/cme.2021.3.1.057>
www.techno-press.org
78. Iqbal Kaur; Parveen Lata; and Kulvinder Singh Thermomechanical deformation in a transversely isotropic magneto-thermoelastic rotating solids under initial stress; Partial Differential Equations in Applied Mathematics;3(June.2021); 100028.(ISSN:2666-8181)
DOI:<https://doi.org/10.1016/j.padiff.2021.100028> ELSEVIER
79. Parveen Lata and Himanshi; Orthotropic magneto-thermoelastic solid with multi dualphase-lag model and hall current; Coupled Systems Mechanics, ISSN: 2234-2184(Print), 2234-2192(Online) Vol. 10, No. 2 (April.2021) 103-121
DOI: <https://doi.org/10.12989/csm.2021.10.2.103>
ESCI
SCOPUS
80. Iqbal Kaur; Parveen Lata; and Kulvinder Singh ;Reflection of plane harmonic wave in rotating media with fractional order heat transfer and two temperature; Partial Differential Equations in Applied Mathematics(ISSN:2666-8181); Volume 4, December 2020, 100049
DOI: <https://doi.org/10.1016/j.padiff.2021.100049>
ELSEVIER
81. Parveen Lata and Harpreet Kaur; Deformation in a homogeneous isotropic thermoelastic solid with multi-dual-phase-lag heat & two temperature using modified couple stress theory; Composite Materials and Engineering(ISSN: 2671-4930(Print), ISSN: 2671-5120(Online),) Vol. 3, No. 2 (May.2021) 89-106. DOI: <https://doi.org/10.12989/cme.2021.3.2.089>
82. Parveen Lata and Sukhveer Singh; Axisymmetric deformations in a nonlocal isotropic thermoelastic solid with two temperatures; Forces in Mechanics ; ISSN:2666-3597.(Feb.2022).
<https://doi.org/10.1016/j.finmec.2021.100068>
SCOPUS INDEXED
ELSEVIER
83. Parveen Lata and Himanshi; Effect of two-temperature in an orthotropic thermoelastic media with fractional order heat transfer; Composite Materials and Engineering, an International Journal(ISSN: 2671-4930(Print), ISSN: 2671-5120(Online) Volume 3, Number 3, August 2021, pages 241-262.
DOI: <https://doi.org/10.12989/cme.2021.3.3.241>
84. Iqbal Kaur, Parveen Lata and Kulvinder Singh; Thermoelastic damping in generalized simply supported piezo-thermo-elastic nanobeam; Structural Engineering and Mechanics, ISSN:

1225-4568(Print), ISSN: 1598-6217(Online); Volume 81, Number 1, January 10 2022, pages 29-37.

DOI: <https://doi.org/10.12989/sem.2022.81.1.029> SCIE INDEXED

Impact factor : 3.524(2020)

SCOPUS

85. Parveen Lata and Himanshi; Rotational and fractional effect on Rayleigh waves in an orthotropic magneto-thermoelastic media with hall current; *Steel and Composite Structures*, ISSN: 1229- 9367(Print) ISSN: 1598-6233(Online); (March 2022), 42(6), pp. 723–732.
DOI: <https://doi.org/10.12989/scs.2022.42.6.723>
SCIE INDEXED
SCOPUS
SCIE (Impact factor: 5.733)
86. Parveen Lata and Himanshi; Inclined load effect in an orthotropic magneto-thermoelastic solid with fractional order heat transfer; *Structural Engineering and Mechanics*; ISSN: 1225-4568(Print), ISSN: 1598-6217(Online) 2022, 81(5), pp. 529–537.
DOI: <https://doi.org/10.12989/sem.2022.81.5.529> SCIE INDEXED SCOPUS SCIE (Impact factor: 3.524)
87. Parveen Lata and Sukhveer Singh; Rayleigh wave propagation in a nonlocal isotropic magneto-thermoelastic solid with multi-dual-phase lag heat transfer; *GEM - International Journal on Geomathematics*, ISSN 1869-2672; 1869-2680(ONLINE); April 2022; 13(1), 5
<https://doi.org/10.1007/s13137-022-00195-5>
Springer Nature
88. Parveen Lata and Himanshi ; Fractional effect in an orthotropic magneto-thermoelastic rotating solid of type GN-II due to normal force; *Structural Engineering and Mechanics*; ISSN: 1225-4568(Print), ISSN: 1598-6217(Online) 2022, 81(4), pp. 503–511
DOI: <https://doi.org/10.12989/sem.2022.81.4.503>
SCIE INDEXED
SCOPUS
SCIE (Impact factor: 3.524)
89. Parveen Lata and Harpreet Kaur; Effect of two temperature and energy dissipation in an axisymmetric modified couple stress isotropic thermoelastic solid; *Coupled Systems Mechanics*, ISSN: 2234-2184(Print), 2234-2192(Online) Vol. 11, No. 3 (2022) 199-215
<https://doi.org/10.12989/csm.2022.11.3.199>
ESCI
SCOPUS (CiteScore: 2.7)
90. Parveen Lata and Himanshi; Time harmonic interactions due to inclined load in an orthotropic thermoelastic rotating media with fractional order heat transfer and two-temperature; *Coupled Systems Mechanics*, ISSN: 2234-2184(Print), 2234-2192(Online) Vol. 11, No. 4 (2022) 297-313.
<https://doi.org/10.12989/csm.2022.11.4.297>

ESCI

SCOPUS (CiteScore: 2.7)

91. Parveen Lata and Sukhveer Singh;Effect of rotation and inclined load in a nonlocal magneto thermoelastic solid with two temperature;Advances in Materials Research, Vol. 11, No. 1 (2022) 23-39.ISSN: 2234-0912(Print), ISSN: 2234-179X(Online)
<https://doi.org/10.12989/amr.2022.11.1.023>
ESCI
SCOPUS (CiteScore: 3.8)
92. Parveen Lata and Himanshi, Effect of rotation on Stoneley waves in orthotropic magneto thermoelastic media; Wind and Structures, Volume 35, Number 6, December 2022 , pages 395-403
DOI: <https://doi.org/10.12989/was.2022.35.6.395>
SCOPUS
SCIE INDEXED (Impact Factor: 1.729)
93. Sukhveer Singh and Parveen Lata;Effect of two temperature and nonlocality in an isotropic thermoelastic thick circular plate without energy dissipation,Partial DifferentialEquations in Applied Mathematics, Volume 7, June 2023, 100512
DOI: <https://doi.org/10.1016/j.padiff.2023.100512>
ELSEVIER
94. Himanshi and Parveen Lata ;Plane harmonic waves in fractional orthotropic magnetothermoelastic solid with rotation and two-temperature;Coupled Systems Mechanics, ISSN: 2234-2184(Print), 2234-2192(Online) ;Vol. 12, No. 2 (2023); Pg. No.103-125
<https://doi.org/10.12989/csm.2023.12.2.103>
ESCI
SCOPUS (CiteScore: 2.7)
95. Parveen Lata and Harpreet Kaur;Interactions in a transversely isotropic new modified couple stress thermoelastic thick circular plate with two temperature theory;Coupled Systems Mechanics, ISSN: 2234-2184(Print), 2234-2192(Online) ;Vol. 12, No. 3 (2023); Pg No. 261-276.
<https://doi.org/10.12989/csm.2023.12.3.261>
ESCI
SCOPUS (CiteScore: 2.7)
96. Parveen Lata and Himanshi; Rayleigh waves in orthotropic magneto-thermoelastic media under three GN-theories; Advances in Materials Research, Vol. 12, No. 3 (2023) 211-226.
<https://doi.org/10.12989/amr.2023.12.3.211>

— Papers in Conference Preceedings

1. Parveen Lata and Sukhveer Singh; The effects due to a uniformly distributed load in a non-local thermoelastic solid in a frequency domain; 2021; IOP Conference Series: Materials Science and Engineering; 1033 (2021) 012081.
doi:10.1088/1757-899X/1033/1/012081
2. Parveen Lata and Iqbal Kaur; Study of Transversely Isotropic Thick circular Plate due to Ring Load with Two Temperature & Green Nagdhi Theory of Type-I, II and III, International Conference on Sustainable Computing in Science, Technology & Management (SUSCOM-2019 Amity University Rajasthan Jaipur, India, February 26-28, 2019) + Available at SSRN with ID: 3356884.

— Papers published as chapters in books

1. Parveen Lata; Iqbal Kaur; and Kulvinder Singh; Reflection of Plane Harmonic Wave in Transversely Isotropic Magneto-thermoelastic with Two Temperature, Rotation and Multi-Phase Lag Heat Transfer, Lecture Notes in Networks and Systems 140, Mobile Radio Communications and 5G Networks (2020). <https://doi.org/10.1007/978-981-15-7130-5-42>
2. Parveen Lata; Iqbal Kaur; and Kulvinder Singh; Deformation in Generalized Transversely Isotropic Magneto-Thermoelastic Rotating Solid Due to Inclined Load and Thermal Laser Pulse; Lecture Notes in Networks and Systems 140, Mobile Radio Communications and 5G Networks (2020). <https://doi.org/10.1007/978-981-15-7130-5-43>
3. Sukhveer Singh; Parveen Lata and S.B. Singh; Recent Developments in the Theory of Nonlocality in Elastic and Thermoelastic Mediums; Applied Mechatronics and Mechanics (pp.111-122); chapter 8; 2021.
DOI:10.1201/9781003019060-8

— Paper Presentations in Conferences

1. Deformation in an isotropic micropolar; ICMES'2014: Chitkara University in collaboration with IMRF.
2. Elastodynamic response in thermoelastic solid.; ICMES'2014: Chitkara University in collaboration with IMRF.
3. Deformation in transversely isotropic thermoelastic material without energy dissipation and with two temperature due to inclined load; RTMMSCT'2014: Manav Rachna University.
4. Interaction of various sources in a microstretch thermoelastic medium with diffusion; RTMMSCT'2014: Manav Rachna University.
5. Impact of thermal sources in a micropolar thermoelastic solid with stretch; IMTC'14: CT Group of Institutions in collaboration with DST and PTU.
6. Response of concentrated normal force in a transversely isotropic thermoelastic solid with two temperatures; IMTC'14: CT Group of Institutions in collaboration with DST and PTU.
7. An axisymmetric transversely isotropic Green-Naghdi model of type-II with two temperature in frequency domain; NCETMS'2015: CDLU Sirsa.

8. Disturbance due to a time harmonic source in transversely isotropic thermoelastic ; 18th Punjab Science Congress: DBU, Gobindgarh.
9. Elastodynamics of an axisymmetric problem in transversely; IMTS :MMU Mullana.
10. Dynamical behaviour of transversely isotropic thermoelastic solid with two temperature and without energy dissipation in frequency domain; Krishi Sanskriti: JNU: 19-20th April 2014
11. Disturbance due to mechanical sources in a micropolar thermoelastic solid with diffusion; Krishi Sanskriti: JNU:19-20th April 2014.
12. P-wave and SV-wave propagation in transversely isotropic interposed between elastic solid half-spaces, ICTIMCAMS, BHU Varanasi, Dec14-17,2016.
13. Plane wave propagation in anisotropic interposed between elastic solid half-spaces, Recent Advances in Theoretical and computational partial differential equations with applications, 05-09 Dec 2016 at PU Chd.
14. Effects of two temperatures and isotropy in a transversely isotropic thermoelastic medium; ICEAMST in collaboration with ISIAM at PUP'2015.
15. Variations in anisotropic thermoelastic with two temperature and rotation of GN Type-II due to time harmonic sources., 21st Punjab Science Congress, Feb.7-9, 2018, at PAU Ludhiana
16. "A study of two dimensional problem of wave propagation in transversely isotropic layered thermoelastic medium", at 84th Annual Conference of Indian Mathematical Society: An International Meet, 27-30 Nov.,2018 at Sri Mata Vaishno Devi University Katra.
17. "A study of wave propagation in anisotropic homogeneous layered thermoelastic medium", at 106th Indian Science Congress, January 3-7,2019 at Lovely Professional University.
18. Participated in ' International Dialogue on UN sustainable goals- Quality Education-The Future' organised by IMRF institute of Higher Education and Research, India dated 15/12/20.

— Workshops/ Refresher course/ Orientation Programs

1. Participated in the UGC-Sponsored refresher course in the subject Environmental Studies (ID) from 7.11.2011-26.11.2011.
2. Participated in the national seminar in Mathematics and its applications organised by Department of Mathematics PUP on Dec.20,2012.
3. Attended UGC-Sponsored Orientation Programme from 1.6.2004 - 28.6.2004 at Punjab University Chandigarh.
4. Attended UGC-Sponsored refresher course in the subject Mathematics and Statistics at Punjabi University Patiala from 3.5.2010 - 22.5.2010.
5. Participated in one week short term course by HRDC KUK in Gender sensitization and diversity management (ID) from 21.11.2016 - 26.11.2016.
6. Participated in the regional workshop on Indian women and Mathematics: Research and career opportunities organised by Department of Mathematics, PUP from 6-7th Feb. 2017.

44, Salaria Vihar, Urban Estate Phase-1, Patiala-147001 – India

☎ +919501333588 • ✉ parveenlata@pbi.ac.in

19/20

7. Participated in the 12th Chandigarh Science Congress, CHASCON 2018, held at Punjab University Chandigarh from Feb.12-14, 2018.
8. Participated in the three days national workshop on Latex and Technical Writing organised by the Department of Basic and Applied Sciences, Punjabi University Patiala from 23/11/18 to 25-11-18.
9. Participated in the AICTE Recognized Faculty Development Programme on Smart Materials and Nanotechnology Conducted by Applied Science Department from 02/12/2019 to 06/12/2019 (One Week) at Punjabi University, Patiala.
10. Participated in the AICTE Recognized Faculty Development Programme on Cyber Security Conducted by Information Management And Coordination department from 09/12/2019 to 13/12/2019 (One Week) at Punjabi University, Patiala.

(Signature of the Teacher)