1. Name : Dr. Parveen Lata

2. Designation: Professor in Mathematics

3. Department: **Mathematics**

4. Date of Birth: 05/08/1970

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Web of Science Researcher ID and Link: N-2135-2019

https://www.webofscience.com/wos/author/record/N-2135-2019

Google Scholar Link: https://scholar.google.com/citations?user=-dFIzjgAAAAJ&hl=en

Special achievement:

(i) Included in the list of top 2% scientists for career time and single year citations in the year 2024 and 2023 released by Elseviere and Stanford University USA available online at the web pages

August 2024 data-update for "Updated science-wide author databases of standardized citation indicators"

October 2023 data-update for "Updated science-wide author databases of standardized citation indicators"

(ii) Included in the list of top 2% scientists for single year citations in the year 2022 ,2021 and 2020 available online at the web pages

September 2022 data-update for "Updated science-wide author databases of standardized citation indicators"

August 2021 data-update for "Updated science-wide author databases of standardized citation indicators"

Data for "Updated science-wide author databases of standardized citation indicators" (2020)

7. Academic Qualifications

Sr. no.	Degree	Year	Inst./Board/ Univ./	Div./ Rank
1	Matric	1985	Tilak Girls High School Jaitu / P.S.Ed.B	First
2	B.A.	1989	Saraswati Kanya Mahavidyala , Jaitu /Punjabi University Patiala	First in University

3	M.Sc	1991	Department of Mathematics,Punjab University Chandigarh	First
4	MPhil	1994	Department of Mathematics, Punjab University Chandigarh	First
5	PhD Title: Some Problems in Micropolar Thermoelastic Media	2017	Department of Mathematics, MM University Mullana, Ambala (Haryana)	Under supervision of: Dr.Nidhi Sharma and Prof. Rajneesh Kumar
6	CSIR UGC-NET	Qualified		

8. Membership of Professional Bodies/Organisations

(i) Life member of Punjab Academy of Sciences, Patiala. Membership No. L-1233.

(ii) Life member of Indian Mathematical Society with membership no. L-12-040

(iii) Life member of Ramanujam Mathematical Society with membership no. 1268.

(iv) 10 year Associate Membership of The Mathematics Consortium .

(v) Member of American Mathematical Society with reference no. 2990541230 (LTPRXC)

9. Awards and Medals

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

10. Scholarships

(i) Matric

(ii) B.A. (First position in University)

11. 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 in Mathematics	July2002-July 2005 Aug2000-Jun2002, Aug1995-Mar1998.	Teaching and in charge of Fine Arts Club
2	Govt. Polytechnic Bathinda	Lecturer in Mathematics	April 1998-Feb2000	Teaching
3	GZS College of Engg & Tech. Bathinda	Lecturer in Mathematics	Feb2000-Jul2000	Teaching
4	Punjabi University Patiala	Assistant Professor in Mathematics	July2005-Sep 2017	Teaching
5	Punjabi University Patiala	Associate Professor in Mathematics	27th Sep' 2017 to 26th Sep'2020	Teaching
6	Punjabi University Patiala	Professor in Mathematics	27th Sep'2020 till date	Teaching

12. Published Work

    (i)   Research Papers   i) International : 98

                              ii) National:02

    (ii)   Conference / Seminar Presentation: 18

    (iii)   Workshops/Orientation/Refresher/STC: 10(Total)

    (iii)   Books : 02

    (iv)   Papers published as chapters in books:04

    (v)   Papers in conference proceedings:02

13. Ph.D. Students under guidance/guided

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 non local thermoelastic solids	2024
3	Ms Harpreet Kaur	Some Dynamical studies on thermoelastic media using modified couple stress theory	Thesis submitted
4	Ms Himanshi	A study on orthotropic Thermoelastic media using fractional ordered theory of thermoelasticity	2023
5	Ms Heena	A Study of Thermodiffusion in Transversely Isotropic Thermoelastic media	Registered
6.	Belay Fikadu	Dynamical Studies of some Problems on non local thermoelastic media with diffusion	Registered

14. Reviewed papers for Research Journals

i) Latin American Journal of Solids and structures

ii) Journal of porous media

iii) Cogent OA

iv) Case Studies in Thermal Engineering

v) Journal of Thermal Stresses

vi) Case Studies in Thermal Engineering

vii) Expert Systems with Applications

viii) International Journal of Heat and Mass Transfer

ix) International journal of Mechanical Sciences

x) Journal of Physics and Chemistery of Solids

xi) Journal of Thermal Biology

15. Citations of Research publications

	Citations	h-index	i-10 index
As per SCOPUS	**1500**	**22**	**....**
As per Google Scholar	**1752**	**24**	**66**

16. 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
9	Solid Mechanics	M.Sc Honours in Mathematics (2nd year)

17. Invited Talks

(i) Delivered an invited talk " Everything around you is Mathematics" at SD College Barnala on 28/2/2023 on occasion of National Science day.

(ii) Delivered an invited talk " Theory of Elasticity…..and its applications in day to day life" on 9.12.23 in the Refresher Course "Mathematics and Statistics Sciences" held on 4.12.23-16.12.23 at HRDC, Punjabi University Patiala.

(iii) A talk on "Thermoelasticity: Fundamental Principles to….. Mathematical Modelling " in the " Refresher Course on Mathematics and Statistics" on 13-02-24 at UGC-Malaviya Mission Teacher Training Centre" Himachal Pardesh University,Shimla

18. Administrative/Academic Experience

(i) Head, Department of Mathematics from 1st April 2022 to 7th June 2024.

(ii) Head, Department of Basic and Applied Sciences, Punjabi University Patiala from 8th June,2021 to 31st March 2022.

(iii) Member of Academic Council of the University for two years 2023-2024

(iv) Chairperson Board of Studies of PG and UG of Department of Mathematics from 1st April 2022 to 7th June 2024.

(v) Chairperson of ACD committee of the Department of Mathematics 1st April 2022 to 7th June 2024.

(vi) Additional duty of warden at Silver Jubilee hostel from 31.12.2008- 6.1.2014.

(vii) Subject expert in the various committees for the appointment of teachers in Mathematics, formed by CDC, Punjabi University Patiala.

(viii) Member in the seat allotment committee in the centralized admission of B.Ed by Punjabi University Patiala in 2008.

(ix) Member, Board of Studies in Basic and Applied Sciences at Punjabi University, Patiala from 29.3.2006-28.3.2008.

(x) Member of seat allotment committee in the centralized admissions by Punjabi University for admissions of B.Tech-I, LEET for the session 2016-2017.

(xi) Member, Faculty of Engineering and Technology, at Punjabi University, Patiala.

(xii) Member of the Departmental Committees as assigned since 2005 at Punjabi University, Patiala.

(xiii) Listed in the panel of examiners of Guru Granth Sahib University Fatehgarh Sahib.

(xiv) Listed in the panel of examiners of MM University Mullana and an expert in the BOS of MM University Mullana.

19. 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.

20(i). 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 Kaurand **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.

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.

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.*

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.

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.

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.

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

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.

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),

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.

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.

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.

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 Kaurand**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** • **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.2017.6.3.317   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 , *Aryabhatta 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,   *Aryabhatta 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 DOI: 10.12989/scs.2016.22.3.567
 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 magnetothermoelastic 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 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.
https://www.ipme.ru/e-journals/MPM/no_22215/MPM222_02_kumar.html ESCI SCOPUS I.F.:1.057

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**

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https://doi.org/10.1007/s12648-020-01718-2. **Springer.SCIE ,WEB OF SCIENCE INDEXED**

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20(ii) 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**)**

20(iii) Papers published as chapters in books

1. **Parveen Lata**;Iqbal Kaur; and Kulvinder Singh; Reflection of Plane HarmonicWave in Transversely Isotropic Magneto-thermoelastic with Two Temperature, Rotation and Multi-dual-Phase Lag Heat Transfer, Lecture Notes in Networks and Systems 140, Mobile Radio Communications and 5G Networks(2020).

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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);chapter8;2021.
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21(i) 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 April2014

11.Disturbance due to mechanical sources in a micropolar thermoelastic solid with diffusion; Krishi Sanskriti: JNU:19-20th April2014.

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.

21(ii) Workshops/ Refresher course/ Orientation Programmes

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.

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)