CURRICULUM VITAE

NAME: Muhammad Zeeshan Gul

FATHER'S NAME: Malik Gul Nawaz (Late)

DATE OF BIRTH: Aug 02, 1996 NATIONALITY: Pakistani

PERMANENT ADDRESS: Main Post Office Chachran Sharif

Tehsil Khanpur District Rahim

Yar Khan, Pakistan.

MAILING ADDRESS: Sir Syed International Boys Hos-

tel No. 02 Room No. 318, University of the Punjab, New Cam-

pus, Lahore.

PHONE: + 92 302 4308620

E_MAIL ADDRESS-1: <u>zeeshan.gul@math.uol.edu.com</u>
E_MAIL ADDRESS-1I: <u>mzeeshangul.math@gmail.com</u>

Profile URL:

https://scholar.google.com/citations?user=i6G6CQIAAAAJ&hl=en

https://www.researchgate.net/profile/Muhammad-Gul

ACADEMIC QUALIFICATION

PhD (Mathematics) University of the Punjab, Lahore (October 2022)

Course Work (3.96/4.00)

Comprehansive (4.00/4.00)

PhD Thesis Title Evolution of Stellar Structures in Energy-Momentum

Squared Gravity.

PhD Supervisor Prof. Dr. Muhammad Sharif,

Ex-Dean, Faculty of Sciences, Universi-

ty of the Punjab, Lahore.

MPhil (Mathematics) University of the Punjab, Lahore (**January 2019**)

(3.80/4.00)

MPhil Thesis Title Study of Gravitational Collapse in Curvature-Matter

Coupled Gravity.

MPhil Supervisor: Prof. Dr. Muhammad Sharif, Chairman,

Department of Mathematics, University

of the Punjab, Lahore.

MSc (Mathematics) University of the Punjab, Lahore (**November 2016**)

(998/1200)

BSc (Maths A&B, Phys.) The Islamia University of Bahawalpur (**September 2014**)

(588/800)



Field of Interest

- Gravitational Theories
- > Astrophysics
- Cosmology
- > PDEs
- > Dynamical Systems

RESEARCH SUMMARY

	Total Research Papers Published in Impact Factor Journals:	49
	Total First Author Published Research Papers :	14
	Total Corresponding Author Published Research Papers :	11
	Total Research Papers Accepted in Impact Factor Journals:	05
\triangleright	Total Research Papers Submitted in Impact Factor Journals:	16
>	Cumulative Impact Factor:	157.103
	Cumulative Citations:	1064
>	h-index:	20
>	i10-index:	35
>	Lectures delivered in Local/International Conferences:	05
	PhD in Progress:	01
>	MPhil Supervised:	02
	MPhil in Progress:	02
	ORCID ID:	
	https://orcid.org/0000-0003-4202-867X	

A complete list of research papers can be seen at the following link. https://scholar.google.com/citations?user=i6G6CQIAAAAJ&hl=en https://www.researchgate.net/profile/Muhammad-Gul

EXPERIENCE

A. ACADEMIC EXPERIENCE:

Dec. 2022 – todate	Assistant Professor, Department of Mathematics and	
	Statistics, The University of Lahore, Lahore.	
Aug. 2022 – Dec.2022	Lecturer, Department of Mathematics and Statistics,	
	The University of Lahore, Lahore.	
Feb 2022 – Aug.2022	Visiting Lecturer of Mathematics, Pak Aims-The	
	Institute of Management Sciences, Lahore.	
Feb. 2019 - Aug.2022	Visiting Lecturer of Mathematics, NCBA&E, Lahore.	

B. RESEARCH EXPERIENCE/PROJECTS

Jan. 2018 – Jan. 2019 Worked as a **Research Assistant**, Department of

Mathematics, University of the Punjab, Lahore.

Jan. 2020 – Jan. 2023 Worked as a **Research Officer**, Department of

Mathematics, University of the Punjab, Lahore under

Pakistan Academy of Sciences Research Project.

C. <u>ADMINISTRATIVE EXPERIENCE</u>

Sep. 2023 – todate Assistant Coordinator of M.Phil. and Ph.D. Programes

D. <u>CONFERENCE EXPERIENCE</u>

29 Jan. 2024 – 29 Jan. 2024 Sectery of International Conference on Gravitation and

Cosmology (ICGC24) held at The University of Lahore-

Pakistan.

https://uol.edu.pk/event/international-conference-on-gravitation-and-cosmology-icgc24/

27 Jan. 2021 – 31 Jan. 2021 Organizer of 4th PU International Conference on

Gravitation and Cosmology (4thPUICG) held at

University of The Punjab, Lahore-Pakistan.

https://pu.edu.pk/puicgc4/

27 Jan. 2019 – 31 Jan. 2019 Organizer of Ist PU International Conference on

Gravitation and Cosmology (Ist PUICG) held at

University of The Punjab, Lahore-Pakistan.

https://pu.edu.pk/puicgc/

E. <u>COMPUTER EXPERIENCE</u>

- ➤ MS Office
- ➤ LaTex
- > Mathematica
- > Maple

F. ONLINE CLASSES EXPERIENCE:

- ➤ Google Classroom
- > LMS
- > UMS
- Zoom Meeting
- ➤ Google Meet
- > SAP
- > Slat

G. TEACHING EXPERIENCE:

i) Taught the following subjects:

- 1. General Relativity (M.Phil.& Ph.D.) at The University of Lahore.
- 2. Special Theory of Relativity (BS 8th) at The University of Lahore.
- 3. Analytical Dynamics (BS 7th) at The University of Lahore.
- 4. Vector and Tensor (BS 4th &5th) at The University of Lahore.
- 5. Advancd Mechnaics (BS 6th)) at The University of Lahore.
- 6. Real Analysis (BS 4th) at The University of Lahore.
- 7. Multivariate Calculus (BS 2nd &4th) at The University of Lahore.
- 8. Real Analysis (MSc) at National College of Business Administration & Economics (NCBA&E) Main Campus, Lahore.
- Complex Analysis (MSc) at National College of Business Administration & Economics (NCBA&E) Main Campus, Lahore.
- 10. Methods of Mathematical Physics (MSc) at National College of Business Administration & Economics (NCBA&E) Main Campus, Lahore.
- Differential Geometry (MSc) at National College of Business Administration
 & Economics (NCBA&E) Main Campus, Lahore.
- 12. Numerical Analysis (BS 7th & 8th) at Pak Aims-The Institutate of Management Sciences, Lahore.

ii) Delivered the following seminars:

- Comphrehensive Analysis of Some Physical Aspects in the Interior of Static Spherical Spacetime
 (Department of Mathematics, COMSATS University Islamabad, Lahore)
 (01/02/2024).
- 2. Physical Analysis of Compact Spherical Solutions in Non-Riemannian Geometry (Department of Mathematics and Statistics, The University of Lahore, Lahore)

(30/01/2024).

- 3. Dynamics of the Spherical Collapse in f(G,T) Gravity (Department of Mathematics, University of the Punjab, Lahore 24/12/2018).
- 4. *Noether Symmetries*(Department of Mathematics, University of the Punjab, Lahore 13/01/2021).
- 5. Dynamics of Spherical Collapse in Energy-Momentum Squared Gravity (Department of Mathematics, University of the Punjab, Lahore 10/02/2021).
- 6. Viable Wormhole Solutions in Energy-Momentum Squared Gravity

 (Department of Mathematics, University of the Punjab, Lahore 01/12/2021).
- 7. I have delivered a talk in 4th PU International Conference on Gravitation and Cosmology on 23rd November, 2021.

iii) CONFERENCES AND SEMINARS ATTENDED

- a. I have attended the "International Symposium on Extended Theory of Gravity and Stellar Evolution" held in May 20, 2024, Department of Mathematics, UMT University, Lahore.
- b. I have attended the "*International Conference on Relativistics Astrophysics and Cosmology*" held from Februry 01, 2024 till Februry 02, 2024, Department of Mathematics, COMSATS University Islamabad, Lahore.
- c. I have attended the "International Conference on Gravitation and Cosmology" held from January 29, 2024 till January 31, 2024, Department of Mathematics and Statistics, The University of Lahore, Lahore.
- d. I have attended the "Weekly Departmental Seminar Series" regularly held from Februry 2017 to June 2022 at Department of Mathematics, University of the Punjab, Lahore.
- e. I have attended 1st PU International Conference on Gravitation and Cosmology held from January 27, 2019 till January 31, 2019,
 Department of Mathematics, University of the Punjab, Lahore.
- f. I have attended the "International Workshop on Non-Linear Analysis and Applications" held from September 16, 2017 till September 18, 2017, University of the Management and Technology, Lahore.
- g. I have attended the "4th PU International Conference on Gravitation and Cosmology" held from November 22, 2021 till November 25, 2021,
 Universit of the Punjab, Lahore.

List of PUBLICATIONS

Publications in International Journals

- 1. **Muhammad Zeeshan Gul,** Shamaila Rani, Muhammad Adeel and Abdul Jawad.: "Viable and Stable Compact Stars in f(Q) Theory." Eur. Phys. J. C **84**(2024)8.
- 2. **Muhammad Zeeshan Gul**, Muhammad Sharif, Adeeba Arooj, A. Rehman Jami and Baiju Dayanandan.: "Stability Analysis of Charged Neutron Stars and Darmois Junction Conditions."

Eur. Phys. J. C **84**(2024)775.

3. **Muhammad Zeeshan Gul** and Muhammad Sharif and Shamraiza Shabbir.: "Comprehensive Study of Cosmic Parameters and Bouncing Cosmology in f(Q,T) Theory."

Eur. Phys. J. C 84(2024)802.

4. **Muhammad Zeeshan Gul,** Muhammad Sharif and Imran Hashim.: "Analysis of Cosmic Evolution admitting Garcia-Salcedo Ghost and Generalized Ghost Dark Energy Models."

Phsys. Dark Universe **45**(2024)101537.

- Muhammad Zeeshan Gul and Muhammad Sharif.: "Viable Wormhole Solutions in Modified Gauss-Bonnet Gravity."
 Chin. J. Phys. 88(2024)388.
- 6. **Muhammad Zeeshan Gul**, Muhammad Sharif and Adeeba Arooj.: "Viable and Stable Compact Stellar Structures in f(Q,T) Theory." Fortschr. Phys. **72**(2024)2300221.
- 7. **Muhammad Zeeshan Gul**, Muhammad Sharif and Adeeba Arooj.: "Study of Viable Compact Stellar Structures in Non-Riemannian Geometry." Phys. Scr. **99** (2024)045006.
- 8. **Muhammad Zeeshan Gul** and Muhammad Sharif .: "Spherically Symmetric Wormhole Solutions admitting Karmarkar Condition." Phys. Scr. **99**(2024)055036.
- 9. **Muhammad Zeeshan Gul**, Muhammad Sharif and Ayesha Afzal.: "Impact of Energy-Momentum Squared Gravity on the Geometry of Stellar Objects." Chin. J. Phys. **89**(2024)1347.
- 10. **Muhammad Zeeshan Gul**, Muhammad Sharif and Adeeba Arooj.: "*Physical Analysis of Spherical Stellar Structures in f(Q,T) Theory*". Gen. Relativ. Gravit. **56**(2024)45.
- 11. **Muhammad Zeeshan Gul,** Muhammad Sharif and Iqra Kanwal.: "*Impact of Modified Gravitational Theory on the Viability of Wormhole Solutions.*" New Astron. **109**(2024)102204.
- 12. **Muhammad Zeeshan Gul** and Muhammad Sharif .: Study of *Viable Charged Wormhole Solutions in f(R,G) Gravity.* "New Astron. **106**(2024)102137.
- 13. Muhammad Sharif and **Muhammad Zeeshan Gul** and Imran Hashim.: "Cosmic Evolution of Tsallis Holographic Dark Energy Model in f(R, T^2) Gravity." Phsys. Dark Universe **46**(2024)101606.
- 14. Muhammad Sharif and **Muhammad Zeeshan Gul** and Nusrat Fatima.: "Study of Cosmic Evolution admitting Thermodynamic Analysis." Eur. Phys. J. C **84** (2024)1065.

- 15. Guangjun Nan, **Muhammad Zeeshan Gul**, Muhammad Sharif and Adeeba Arooj.: "A Comprehensive Analysis of Charged Pulsars and Cracking Condition." Phys. Dark Universe **46**(2024)101635.
- 16. Muhammad Sharif and **Muhammad Zeeshan Gul** .: "Impact of $f(R, \varphi, \chi)$ Theory on the Geometry of Charged Stellar Objects." Ann. Phys. **465**(2024)169674.
- 17. Muhammad Sharif, **Muhammad Zeeshan Gul** and Imran Hashim.: "*Study of Dark Energy Models in f*(*R*,*T*²) *Theory*." Chin. J. Phys. **89**(2024)266.
- 18. Muhammad Sharif, **Muhammad Zeeshan Gul** and Nusrat Fatima.: "A *Comprehensive Study of Cosmic Dynamics in f(Q) Theory.*" Chin. J. Phys. **91**(2024)66.
- 19. Muhammad Sharif and **Muhammad Zeeshan Gul**.: "Anisotropic Stellar Structures admitting Karmarkar Condition in $f(R, \varphi, X)$ Theory." Phys. Scr. **99**(2024)065036.
- 20. Muhammad Sharif, **Muhammad Zeeshan Gul** and Shamraiza Shabbir.: "A *Comprehensive Analysis of Cosmic Evolution in f(Q,T) Theory.*" Phys. Scr. **99**(2024)115003.
- 21. Muhammad Sharif and **Muhammad Zeeshan Gul**.: "Anisotropic Stellar Structures in Energy-Momentum Squared Theory with Tolman-Kuchowicz Spacetime." Int. J. Geom. Methods Mod. Phys. **21**(2024)2450228.
- 22. Muhammad Sharif, **Muhammad Zeeshan Gul** and Nusrat Fatima.: "Analysis of Bouncing Cosmology in Non-Riemannian Geometry." New Astron. **109**(2024)102211.
- 23. Muhammad Sharif, Maryam Shakeel and **Muhammad Zeeshan Gul**.: "Study of Anisotropic Stellar Structures in $f(R, \varphi, X)$ Theory." New Astron. **108**(2024)102179.
- 24. Shamaila Rani, Muhammad Adeel, **Muhammad Zeeshan Gul** and Abdul Jawad.: "Anisotropic Compact Stars Admiting Karmarkar Condition in f(Q) Gravity." Int. J. Geom. Methods Mod. Phys. **21**(2024)2450033.
- 25. **Muhammad Zeeshan Gul** and Muhammad Sharif .: "*Travarsable Wormhole solutions admitting Noether Symmetry in f(R,T²) Theory.*" Symmetry **15**(2023)684.
- 26. Arfa Waseem, Faisal Javed, **Muhammad Zeeshan Gul**, G. Mustafa and Abdelghani Errehmy: "Impact of Quintessence and Cloud of Strings on Self Consistent d-Dimensional Charged Thin Shell Wormholes." Eur. Phys. J. C **83**(2023)1088.
- 27. Muhammad Sharif and **Muhammad Zeeshan Gul** :: "Study of Charged Anisotropic Karmarker Stars in $f(R, T^2)$ Theory." Fortschr. Phys. **71**(2023)2200184.
- 28. Muhammad Sharif and **Muhammad Zeeshan Gul** : "Anisotropic Compact Stars with Karmarker Condition in Energy-Momentum Squared Gravity." Gen. Relative. Gravit. **55**(2023)10.
- 29. Muhammad Sharif and **Muhammad Zeeshan Gul** .: "Role of $f(R, T^2)$ Theory on Charged Compact Stars." Phys. Scr. **98** (2023)035030.
- 30. Muhammad Sharif and **Muhammad Zeeshan Gul**.: "Stability Analysis of Inhomogeneous Perturbed Einstein Universe in Energy-Momentum Squared Gravity." Universe **9** (2023)145.

- 31. Muhammad Sharif and **Muhammad Zeeshan Gul** .: "Noether Symmetries and Some Exact Solutions in $f(R,T^2)$ Theory."
 - J. Exp. Theor. Phys. **136**(2023)436.
- 32. Muhammad Sharif and **Muhammad Zeeshan Gul** .: "Compact Stellar Objects in $f(R, T^2)$ Gravity."
 - Pramana-J. Phys. 97(2023)122.
- 33. Muhammad Adeel, **Muhammad Zeeshan Gul**, Shamaila Rani and Abdul Jawad.: "*Physical Analysis of Anisotropic Compact Stars in f(Q) Gravity.*" Mod. Phys. Lett. A **38**(2023)2350152.
- 34. Muhammad Sharif and **Muhammad Zeeshan Gul** .: "Scalar Field Cosmology via Noether Symmetries in Energy-Momentum Squared Gravity." Chin. J. Phys. **80**(2022)58.
- 35. Muhammad Sharif and **Muhammad Zeeshan Gul** .: " *Study of Stellar Structures in* $f(R, T_{\mu\nu}T^{\mu\nu})$ *Theory*."
 - Int. J. Geom. Methods Mod. Phys. 19(2022)2250012.
- 36. Muhammad Sharif and **Muhammad Zeeshan Gul** .: "Role of Energy-Momentum Squared Gravity on The Dynamics of Charged Dissipative Plane Symmetric Collapse."
 - Mod. Phys. Lett. A 19(2022)2250005.
- 37. Muhammad Sharif and **Muhammad Zeeshan Gul**.: "Effects of f(R, **T**²) Gravity on the Stability of Anisotropic Perturbed Einstein Universe." Pramana-J. Phys. **96**(2022)153.
- 38. Muhammad Sharif and **Muhammad Zeeshan Gul**.: "Viable Wormhole Solutions in Energy-Momentum Squared Gravity." Eur. Phys. J. Plus. **136**(2021)503.
- 39. Muhammad Sharif and **Muhammad Zeeshan Gul**.: "Noether Symmetry Approach in Energy-Momentum Squared Gravity." Phys. Scr. **96**(2021)025002.
- 40. Muhammad Sharif and **Muhammad Zeeshan Gul**.: "Stability of the Closed Einstein Universe in Energy-Momentum Squared Gravity." Phys. Scr. **96**(2021)105001.
- 41. Muhammad Sharif and **Muhammad Zeeshan Gul**.: "Noether Symmetries and Anisotropic Universe in Energy-Momentum Squared Gravity." Phys. Scr. **96**(2021)125007.
- 42. Muhammad Sharif and **Muhammad Zeeshan Gul**.: "Dynamics of Charged Anisotropic Spherical Collapse in Energy-Momentum Squared Gravity." Chin. J. Phys. **71**(2021)365.
- 43. **Muhammad Zeeshan Gul** and Muhammad Sharif.: "Dynamical Analysis of Charged Dissipative Cylindrical Collapse in Energy-Momentum Squared Gravity." Universe **96**(2021)154.
- 44. Muhammad Sharif and **Muhammad Zeeshan Gul**.: "Stellar Structures Admitting Noether Symmetries in f(R,T) Gravity." Mod. Phys. Lett. A **36**(2021)2150214.
- 45. Muhammad Sharif and **Muhammad Zeeshan Gul**.: "Dynamics of Spherical Collapse in Energy-Momentum Squared Gravity." Int. J. Mod. Phys. A **36**(2021)2150004.
- 46. Muhammad Sharif and **Muhammad Zeeshan Gul**.: "Compact Stars admitting Noether Symmetry in Energy-Momentum Squared Gravity." Adv. Astron. **2021**(2021)6663502.

- 47. Muhammad Sharif and **Muhammad Zeeshan Gul**.: "Dynamics of Cylindrical Collapse in f(G,T) Gravity." Chin. J. Phys. **57**(2019)329.
- 48. Muhammad Sharif and **Muhammad Zeeshan Gul**.: "Dynamics of Perfect Fluid Collapse in f(G,T) Gravity." Int. J. Mod. Phys. D **28**(2019)1950054.
- 49. Muhammad Sharif and **Muhammad Zeeshan Gul**.: " *Study of Charged Spherical Collapse in f*(*G*,*T*) *Gravity*." Eur. Phys. J. Plus **133**(2018)345.

Accepted Articles:

- 1. **Muhammad Zeeshan Gul**, Muhammad Sharif and Adeeba Arooj.: "Stability Analysis of Static Spherical Spacetime in Extended Symmetric Teleparralel Gravity". Chin. Phys. C (2024).
- 2. **Muhammad Zeeshan Gul**, Muhammad Sharif Shajee Shahid and Faisal Javed.: "Viable Wormhole Structures and Energy Conditions in f(Q, T) Theory". Phys. Scr. (2024).
- 3. Muhammad Sharif, **Muhammad Zeeshan Gul** and Shamraiza Shabbir.: "*A Comprehensive Analysis of Cosmic Evolution in f(Q,T) Theory.*" Mod. Phys. Lett. A (2024)
- 4. Muhammad Sharif, **Muhammad Zeeshan Gul** and Nusrat Fatima.: "Analysis of Initial Singularity admitting Viable Bounce Models". Phys. Dark Universe (2024)
- 5. Muhammad Sharif, **Muhammad Zeeshan Gul** and Sana Manzoor.: " *Study of Charged Compat Objects in f(R,T²) Theory with Finch Skea Solutions.*" Mod. Phys. Lett. A (2024)
- 6. Muhammad Sharif, **Muhammad Zeeshan Gul** and Imran Hashim.: "*Theoretical Insights and Implications of BouncingCosmology in f(R,T^2) Theory.*" Eur. Phys. J. C (2024).

Submitted For Publication Articles:

- 1. **Muhammad Zeeshan Gul**, Muhammad Sharif, Adeeba Arooj and Faisal Javed.: "Comphrehensive Analysis of Some Physical Aspects in the Interior of Static Spherical Spacetime".
- 2. **Muhammad Zeeshan Gul**, Muhammad Sharif, Adeeba Arooj and Baiju Dayanandan.: "Impact of Non-metricity and Matter Source on the Geometry of Anisotropic Spheres."
- 3. **Muhammad Zeeshan Gul**, Muhammad Sharif and Shajee Shahid.: "Study of Maxwell Field Equations and Morris-Throne Spacetime in Non-Riemannian Geometry".
- 4. **Muhammad Zeeshan Gul**, Muhammad Sharif and Sadia Zahid.: "Study of Geometric Minimal Decoupling Approach in f(Q,T) Theory."
- 5. **Muhammad Zeeshan Gul**, Muhammad Sharif and Shan Ali.: "Impact of Non-metricity Coupled with Matter-Lagrangian on Cosmic Evolution admitting Ghost Dark Energy Model."
- 6. **Muhammad Zeeshan Gul,** Faisal Javed, Muhammad Sharif.: "Exploring the viability of charged Spheres admitting non-metricity and matter source."

- 7. Shamaila Rani, **Muhammad Zeeshan Gul**, Muhammad Adeel and Abdul Jawad.: "Impact of f(Q) Theory on the Stability of Compact Spherical Solutions."
- 8. Shamaila Rani, **Muhammad Zeeshan Gul**, Muhammad Adeel and Abdul Jawad.: "Physical Vaibility of f(Q) Gravity Corrected Charged Anisotropic Solutions."
- 9. Muhammad Sharif, **Muhammad Zeeshan Gul** and Imran Hashim.: "Investigation of Cosmic Dynamics admitting Dark Energy Model and Infrared Cut-Offs."
- 10. Muhammad Sharif, **Muhammad Zeeshan Gul** and Rida Mahmood.: "Bouncing Cosmological Solutions admitting Non-Metricity and Matter-Lagrangian."
- 11. Muhammad Mudssar Nasir and **Muhammad Zeeshan Gul**.: "Analyzing the Impact of Gauss-Bonnet Corrections on Structure Scalars admitting Zero Complexity Condition."
- 12. Muhammad Sharif, **Muhammad Zeeshan Gul** and Ahmad Nawaz.: "*Exploring Cosmic Dynamics in f(Q,C) Gravity with Modified Corrections*."
- 13. Muhammad Sharif, **Muhammad Zeeshan Gul** and Hassan Shahid.: "Cosmological Implications and Stability Analysis of Ghost Dark Energy Model in f(O,C) Gravity."
- 14. Muhammad Mudssar Nasir and **Muhammad Zeeshan Gul**.: "Exploring Charged Cosmic Structures admitting Complexity Condition."
- 15. Faisal Javed, Kamran Qadir Abbasi, Arfa Waseem, **Muhammad Zeeshan Gul** and Shalan Alkarni.: "Thermodynamic insights into Joule-Thomson expansion, particle dynamics, and emission energy in AdS black holes in Horndeski theory."

Achievements

- 1. **1**st **Position** in P. hD. Mathematics Entry Test, University of the Punjab, Lahore.
- 2. **2nd Position** in M.Phil Mathematics, University of the Punjab, Lahore.
- 3. Awarded a **Merit Scholarship** During Annual Examination Msc Mathematics, University of the Punjab, Lahore.
- 4. Awarded a **Merit Scholarship** During Annual Examination M.Phil Mathematics, University of the Punjab, Lahore.

MPhil Supervised

1. Miss Adeeba Arooj (2022-2024)

Title: Study of Viable and Stable Compact Stellar Objects in f(Q,T) Theory

2. Miss Shajee Shahid (2022-2024)

Title: Viable Traversable Wormhole Structures in Modified Gravitational Theory

MPhil Enrolled

- 1. Miss Saadia Usman
- 2. Mr. Shan Ahmad

PhD Enrolled

1. Mr. Imran Hashim

Approved Thesis Title: Comprehensive Analysis of Cosmic Mysteries in Energy-momentum Squared Gravity

LANGUAGES

- > English (fluent)
- Urdu (fluent)

REFERENCES

 Prof. Dr. Muhammad Sharif Head, Department of Mathematics & Statistics The University of Lahore, Pakistan

Tel: +92 (333)4231696

Email: msharif.math@pu.edu.pk

Prof. Dr. Muhammad Azam
 Head, Department of Mathematics
 University of Education, Lahore,

Pakistan

Tel: +92 (333)4187559

Email: azam.math@ue.edu.pk

 Prof. Dr. Muhammad Akram Head, Department of Mathematics University of Punjab, Lahore, Pakistan

Tel: +92 (333)4510258

Email: m.akram@pucit.edu.pk