



Department of Mathematics  
School of Sciences  
Maulana Azad National Urdu University (Central University)  
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## MAJID ALI CHOUDHARY | Assistant Professor

**CURRENT DESIGNATION/ INVOLVEMENT** Currently working as an **Assistant Professor** in the Department of Mathematics, School of Sciences, Maulana Azad National Urdu University (Central University), Hyderabad, Telangana, India.

**AREA OF SPECIALIZATION** Differential Geometry (Theory of submanifolds, Submersions, Immersions, Warped product manifolds, Golden Riemannian manifolds, Metallic Riemannian manifolds)

**ONGOING ACADEMIC RESEARCH/PROJECTS**

- **WRITING SELF LEARNING MATERIAL OF MATHEMATICS III SEM(UG).**

**INNOVATION WITH FIELD OF STUDY AND COLLABORATIVE EFFORTS** List with all details

**ACADEMIC AND ADMINISTRATIVE EXPERIENCE**

- **ACADEMIC COORDINATOR, DEPARTMENT OF MATHEMATICS, MANNU, SINCE NON-2020.**
- **SPORTS COORDINATOR, SCHOOL OF SCIENCES, MANUU SINCE NOV- 2020.**
- **CORDINATOR, FACULTY WEBINAR SERIES,SCHOOL OF SCIENCES,MANUU, SINCE SEP-2021.**
- **MEMBER COVID19 MONITORING COMMITTEE, SCHOOL OF SCIENCES.MANUU NOV-2021.**

**EDUCATIONAL QUALIFICATION**

- **DOCTOR OF PHILOSOPHY (Ph.D.), 2014**  
Department of Mathematics, Jamia Millia Islamia, New Delhi
- **M.SC. MATHEMATICS WITH COMPUTER SCIENCES (Ph.D.), 2008**  
Department of Mathematics, Jamia Millia Islamia, New Delhi
- **B.SC. (HONS.) MATHEMATICS, 2005**  
Department of Mathematics, Jamia Millia Islamia, New Delhi

**TEACHING PROFICIENCY** Differential Geometry, Topology, Linear Algebra, Real Analysis, Algebra, Calculus

- **Choudhary, M.A.**, Blaga, A.M. Generalized Wintgen inequality for slant submanifolds in metallic Riemannian space forms. *J. Geom.* 112, 26 (2021). <https://doi.org/10.1007/s00022-021-00590-7>
- **Choudhary, M.A.** On pseudo-umbilical spacelike submanifolds in indefinite space form  $M_n + p^p(c)$ . *Afr. Mat.* 32, 725–732 (2021). <https://doi.org/10.1007/s13370-020-00856-4>
- **Choudhary MA**, Khedher KM, Bahadır O, Siddiqi MD. On Golden Lorentzian Manifolds Equipped with Generalized Symmetric Metric Connection. *Mathematics*. 2021; 9(19):2430. <https://doi.org/10.3390/math9192430>
- **Choudhary, M.A.**, Blaga, A.M. Inequalities for generalized normalized  $\delta$ -Casorati curvatures of slant submanifolds in metallic Riemannian space forms. *J. Geom.* 111, 39 (2020). <https://doi.org/10.1007/s00022-020-00552-5>
- **Choudhary, M.A.**, Park, KS. Optimization on slant submanifolds of golden Riemannian manifolds using generalized normalized  $\delta$ -Casorati curvatures. *J. Geom.* 111, 31 (2020). <https://doi.org/10.1007/s00022-020-00544-5>
- **Choudhary, M.A.** A Note on L.C.Q.K. Manifolds, *Journal of Dynamical Systems and Geometric Theories*, 18:2, (2020): 145-161, DOI: 10.1080/1726037X.2020.1859801.
- **Choudhary, MA.**, Bahadır, O., Alsulami. H. Generalized Wintgen inequality for some submanifolds in Golden Riemannian space forms. *Balkan J. Geom. Appl* 25.2 (2020): 1-11.
- **Choudhary, MA.**, Alqahtani. LS. Anti-invariant Riemannian submersions from locally conformal Kaehler manifolds. *FACTA UNIVERSITATIS (NIS) ~ Ser. Math. Inform.* 35 (4), (2020): 1031–1047
- Bahadır, O., **Choudhary, MA.**, Pandey, S. LP-Sasakian manifolds with generalized symmetric metric connection. *Novi Sad J. Math* 51, no. 2 (2021): 75-87.
- Lone, MA., **Choudhary, MA.**, Jalal, T. On nonexistence of warped product submanifolds of locally conformal Kaehler manifolds. *Gulf Journal of Mathematics*. 2018 Sep 12;6(2).
- **Choudhary MA.** Totally real submanifolds in a generalized complex space form. *Asian-European Journal of Mathematics*.

2017 Jun 19;10(02):1750035.

- **Choudhary MA.** Totally real submanifolds of Kaehler product manifolds. Journal of the Egyptian Mathematical Society. 2016 Apr 1;24(2):258-62.
- Jamali M, Shahid MH, **Choudhary, MA.** Generalized horizontally weakly conformal submersion between semi-Riemannian manifold. Afrika Matematika. 2016 Mar 1;27(1-2):1-1.
- **Choudhary, MA.** First nonzero eigenvalue of a pseudo-umbilical hypersurface in the unit sphere. Russian Mathematics. 2014 Aug;58(8):56-64.
- **Choudhary, MA,** Matehkolae MJ, Jamali M. On submersion of CR-submanifolds of IcqK manifold. International Scholarly Research Notices. 2012;2012.

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DETAILS OF  
CONFERENCE/SEMINAR  
/WORKSHOP/ FDP  
(ATTENDED/PRESENTED)

(1) Choudhary, M.A., 26th International Conference of International Academy of Physical Sciences on Advances in Topology and Differential Geometry”, Bilaspur, India, 18-20 December, 2020.

Presented paper title: “Optimization on slant submanifolds of golden Riemannian manifolds”.

(2) Choudhary, M.A., International conference of Differential Geometry and Dynamical System (DGDS 2021)”, Bucharest, Romania, 26-29 August, 2021.

Presented paper title: “Some geometric inequalities on metallic Riemannian manifolds”.

### **FDP/Workshops:**

(1) “Fourth Online One Month Faculty Induction Program” Organized by UGC-HRDC, Jamia Millia Islamia, New Delhi, from 10th February to 11th March, 2021.

(2) “Five days e-Workshop on Latex” organized by Department of Mathematics, GITAM, Bengaluru, India, from 5th to 9th July,

2021.

(3) One week(online) Faculty Development Programme on “Mathematical Analysis and its Applications” organized by Vivekananda College, University of Delhi in collaboration with Mahatma Hansraj Faculty Development Centre, Hansraj college, University of Delhi, from 26-31 July, 2021.

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DETAILS OF KEYNOTE  
SPEAKER/RESOURCE  
PERSON/ SESSION CHAIR  
ETC.

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ACHIVEMENTS

1. Gold Medal in M. Sc. Mathematics with Computer Science (JMI, New Delhi).
2. Inspire fellowship (JRF), Government of India
3. Inspire fellowship (SRF), Government of India

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DETAILS OF SUPERVISION  
(M.PHIL/M.TECH/P.HD.)

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PROFESSIONAL  
MEMBERSHIPS

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PERSONAL DETAILS

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**Father's Name** : Mr. Yawer Ali Choudhary  
**Date of Birth** : March 30, 1985  
**Gender** : Male  
**Marital Status** : Married  
**Nationality** : Indian  
**Language Known** : English, Urdu, Hindi  
Etc..

Date: 30.01.2022  
Place: Hyderabad

(Majid Ali Choudhary)