



## **RAMMOHAN COLLEGE**

### **FACULTY ACADEMIC PROFILE**

Name: **Dr. Md Ahmadullah**

Department: **Mathematics**

Email: **ahmadullah2201@gmail.com**

Academic background: **M.Sc., B.Ed., Ph.D.**

Positions: **Assistant Professor**

Awards/ Honours: **J.R.F. (All India Rank 68) and G.A.T.E. (All India Rank 352)**

Research interest: **Fixed Point Theory**

Research guidance: R.A.

Selected publications:

#### **Published/ Accepted:**

#### **2016**

1. **Md Ahmadullah**, Javid Ali and Mohammad Imdad, *Unified relation-theoretic metrical fixed point theorems under an implicit contractive condition with an application*, **Fixed Point Theory and Applications**, 2016:42, (2016), 15 pp. (SCI)

#### **2017**

2. Surjeet Singh Chauhan, Kiran Utreja, Mohammad Imdad and **Md Ahmadullah**, *Strong convergence theorems for a quasi-contractive type*

*mapping employing a new iterative scheme with an application*, **Honam Math. J.**, **39 (1)**, (2017), pp. 1-25. (ESCI)

3. Hemant Kumar Nashine, Mohammad Imdad and **Md Ahmadullah**, *Common fixed point theorems via common limit range property under hybrid generalized  $(F, \varphi)$ -contractions*, **Ukr. Mat. Zh.**, **69(11)**, 2017, pp 1534-1550. (SCI)
4. **Md Ahmadullah**, Abdur Rouf Khan and Mohammad Imdad, *Relation-theoretic contraction principle in metric-like spaces*, **Bull. Math. Anal. Appl.** **9 (3)** (2017), pp 31-41. (ESCI)
5. Ahmed H. Soliman, Mohammad Imdad and **Md Ahmadullah**, *Fixed point theorems for uniformly generalized Kannan type semigroup of self-mappings*, **Creat. Math. Inf.** **26(2)** (2017), pp 231-240. (Math. Review.)

## **2018**

6. **Md Ahmadullah**, Mohammad Imdad and Mohammad Arif, *Relation-theoretic metrical coincidence and common fixed point theorems under nonlinear contractions*, **Appl. Gen. Topol.** **19(1)**, (2018) 65-84. (ESCI)
7. Mohammad Imdad, Rqeeb Gubran and **Md Ahmadullah**, *Using an implicit function to prove common fixed point theorems*, **J. Adv. Math. Stud.** **11(3)**, (2018) 481-495 (Math. Review)

## **2019**

8. **Md Ahmadullah**, Mohammad Imdad and Rqeeb Gubran, *Relation-theoretic metrical fixed point theorems under nonlinear contractions*, **Fixed Point Theory** 20(2019), No. 1, 3-18 (SCI)
9. **Md Ahmadullah** and Mohammad Imdad, *Relation-theoretic coincidence theorems for non-linear contractions in metric-like spaces*, **J. Adv. Math. Stud.** **12(1)**, (2019) (Math. Review)
10. **Md Ahmadullah** and Mohammad Imdad, *Unified relation-theoretic fixed point results via  $F_R$ -Suzuki-contractions with an application*, (**Fixed Point Theory**) (Accepted) (in press) (SCI)

11. Hemant Kumar Nashine, Mohammad Imdad and **Md Ahmadullah**, *Using (JCLR)-property to prove hybrid fixed point theorems via quasi F-contractions*, **TWMS Pure and Appl. Math.** (Accepted). (ESCI)
12. **Md Ahmadullah**, Mohammad Imdad and Mohammad Arif, *Common fixed point theorems under an implicit contractive condition on metric spaces endowed with an arbitrary binary relation and an application*, **Asian-European J. Math.** (ESCI)

## **Conferences:**

### **Abroad:**

1. Presented a paper entitled “Relation-theoretic metrical fixed point theorems under nonlinear contractions” at the International Conference on Analysis and its Applications (ICAA-2016), , July 12-15, Ahi Evran University, **Kirsehir/Turkey**.

### **Within India:**

#### **Participated and Presented Papers:**

2. “Relation-theoretic coincidence theorems in metric-like spaces” in the “International Conference on Analysis and its Applications (ICAA-2017)” held at Department of Mathematics, Aligarh Muslim University, Aligarh-202002, during, Nov. 20-22, 2017.
3. “Using an implicit function to prove common fixed point theorems” in the International Conference on Exploring Advances in Mathematical Sciences (ICEAMS-17), during March 23-24, 2017 held at University of Gour Banga, WB, India.
4. “Relation-theoretic metrical common fixed point theorems under an implicit contractive condition” in the International Conference on Mathematical Analysis and its Applications (ICMAA-17), during March 05-09, 2017 held at Dayanand Science College, Latur, Maharashtra, India.
5. “Relation-theoretic contraction principle in metric-like as well as partial metric spaces” in the International Conference on Differential Geometry,

Algebra and Analysis(ICDGAA-16), during November 15-17, 2016 held at Department of Mathematics, Jamia Millia Islamia, New Delhi.

6. “Unified relation-theoretic metrical fixed point theorems via an implicit contractive condition” at the International Conference on the occasion of Silver Jubilee of Indian Society of Industrial & Applied Mathematics (ISIAM), Jointly organized by ISIAM and Sharda University, during Jan. 29-31, 2016.

### **Only Participation:**

7. Participated at the “International Conference on Algebra and its Applications (ICAA-2016)” held at Department of Mathematics, Aligarh Muslim University, Aligarh-202002, during Nov. 12-14, 2016.
8. Participated at the “International Conference on Recent Advances in Mathematical Biology, Analysis and Applications (ICMBAA-2015)” held at Department of Applied Mathematics, Aligarh Muslim University, Aligarh-202002, during June 4-6, 2015.
9. Participated at the “International Conference on Algebra and its Applications (ICAA-2014)” held at Department of Mathematics, Aligarh Muslim University, Aligarh-202002, during Dec. 15-17, 2014.
10. Participated at the “International Conference on Recent Trends in Algebra and Analysis with Applications (ICRTAAA-2014)” held at Department of Mathematics, Aligarh Muslim University, Aligarh-202002, during Feb. 12-14, 2014.

### **Workshops and Training Programmes:**

1. Participated in the workshop on “How to Deliver a Smart Classroom Teaching” conducted by UGC-Human Resource Development Centre, AMU, Aligarh
2. Participated in the “International Workshop on Convex Analysis and Optimization (IWCAO-2017)” held at Department of Mathematics, AMU, Aligarh, during Nov 14-19, 2017.

3. Participated in the “Workshop on Research Methodology” organized by Coaching and Guidance Cell, Sir Syed Hall (South), AMU, Aligarh, during May 22-28, 2016.
4. Participated in the “Instructional School for Teacher on Topology” organized by ATM School (National Centre for Mathematics) held at IIT Bombay, during May 9-21, 2016.
5. Participated in the “Advanced Level Workshop on Variational Inequality (VI) and Application” under National Program on Differential Equation: Theory, Computation and Applications (NPDE-TCA) held at Sharda University, Knowledge Park-III, Greater Noida during Jan. 24-28, 2016.
6. Participated in the “ATM School Workshop on Topology” conducted by National Centre for Mathematics (NCM) held at the Department of Mathematics and Statistics, Indian Statistical Institute, Kolkata-700108, during Dec 14-21, 2015.
7. Participated at “Himalayan Adventure Programme” during March 30 to April 02, 2012 held at Sahastradhara, Dehradun, Uttarakhand.
8. Participated at “Orientation Programme for Volunteers” organized by Disability Unit (Under UGC Scheme) held at Department of Education, AMU, Aligarh-202002.

### Teaching Experience:

- Worked as a **Junior Research Fellow** teaches under graduate students at the Department of Mathematics, Aligarh Muslim University, Aligarh-202002, India.
- Worked as an **Assistant Professor** (contractual) during 01<sup>st</sup> of August 2018 to 30<sup>th</sup> of July 2019 at Women’s College, Aligarh Muslim University, Aligarh-202002, India.
- Worked as an **Assistant Professor** (contractual) during 31<sup>st</sup> of July 2018 to 4<sup>th</sup> of November 2019 at the Department of Mathematics, Aligarh Muslim University, Aligarh-202002, India.

### Extra-Curricular Activities:

- Volunteer of **Alumni Meet 2016**, Held on October 15-16, 2016 organized by the Office of the Alumni Affairs, Aligarh Muslim University, Aligarh, U.P., India.
- Volunteer of **Disability Unit** for session 2012-'13, Aligarh Muslim University, Aligarh, U.P., India.
- **Reading Room Secretary** of Sir Syed Hall (North), Aligarh Muslim University, Aligarh, U.P., for session 2011-'12.
- **Winner in Meritorious Student, AL-WESAL-2011**, Sir Syed Hall (North), Aligarh Muslim University, U.P., India.
- Organizer of various academic and curricular activities.

### As a Reviewer:

- The Journal of Nonlinear Science and Analysis
- Asian Journal of Mathematics and Computer Research
- Asian Research Journal of Mathematics

### Computer Proficiency:

- **Operating Systems** : WINDOWS XP, 7, 8 & 10.
- **Software Packages** : LaTeX (WinEdt, Texstudio, Texword), Matlab, Microsoft Office, Page Maker & Photoshop, Typing etc.
- **Network Skill** : Good knowledge of Internet Surfing