RAM LAL ANAND COLLEGE (University of Delhi)
Faculty Details

Title	Dr.	First Name	**Pawan**	Last Name	**Kumar**	Photograph

Designation	**Assistant Professor**
Address	**H.No. 110, Gali No.3, Shibbanpura, Ghaziabad , Uttar Pradesh, 201001**
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Educational Qualifications

Degree	Institution	Year
PhD	Dr. A.P.J. Abdul Kalam Technical University, Lucknow , Uttar Pradesh, India	**2020**
M.Sc	C.C.S University, Meerut, Uttar Pradesh, India	**2010**
B.Sc (H)	Deen Dayal Upadhyay College, University of Delhi, India	**2008**

Career Profile

Organization/Institute	Designation	Duration
Ram Lal Ananad College, New Delhi, India	**Assistant Professor**	27th June, 2023 to Till date
Maitreyi College, New Delhi, India	**Assistant Professor (Ad-hoc)**	24th july, 2013 to 27th June, 2023
YMCA University of Science &Technology , Faridabad (Haryana), India	**Assistant Professor (Guest)**	27th July 2011 to 26th April, 2013

Administrative Assignments

Areas of Interest / Specialization

Fixed Point Theory and Its Applications

Subjects Taught
Real Analysis, Algebra, Numerical Analysis, Calculus, Differential Equations.

Research Guidance

Publications Profile (Books/Chapters/Research articles, etc.) (Last 10 publications)

1. Bindu Mangla, Anupama Rajput and Pawan Kumar, Seismic activities in Relation of Ionosphere, International journal of engineering research & Technology,Vol6,No-9,pp19- 24 (2013).

2. Arun Garg, Z. K .Ansari and Pawan Kumar, Unique fixed point theorems on generalized cone metric spaces , Adv.Inequal.Appl,2014.

3. Arun Garg, Pawan Kumar and Z. K. Ansari, Common fixed point theorems for two weakly compatible mapping on D* cone metric spaces, Journal of Advanced Studies in Topology, (5:4), 2014, 31-28.

4. Arun Garg , Z. K. Ansari and Pawan Kumar, Fixed point theorems on increasing functions in complete partial metric spaces (CPMS), Journal of Advanced Studies in Topology, (6:3), 2015, 117-124.

5. Arun Garg, Z .K. Ansari and Pawan Kumar, Fixed point theorems in intuitionistics fuzzy metric spaces, Applied Mathematics , 2016, 7, 569-577.

6. Balbir Singh and Pawan Kumar, Fixed points theorems foe variants of compatible mappings of types in menger spaces, Quest Journal of Research in Applied Mathematics , Vol.2, No.12 (2016), 20-26.

7. Pawan Kumar, Z. K. Ansari and Arun Garg, Fixed point theorems for rational contraction mapping in cone b-metric spaces, South East Asian J. of Math & Math Sci, Vol 13, No.1, 2017, 111-124.

8. Pawan Kumar and Z.K.Ansari, Some fixed point results in cone metric spaces for rational contractions, South East Asian J. of Math & Math Sci, Vol 13, No.2, 2017, 125-132 .

9. Balbir Singh, Pawan Kumar and Z .K .Ansari, Common fixed point theorems in fuzzy metric spaces using CLR property, Fuzzy Mathematical Archive , Vol.13, No.2, 2017, 173-190.

10. Balbir Singh, Pawan Kumar and Z. K. Ansari, Variants of compatible mappings in menger spaces , Journal of Advance in Mathematics and Computer Sciences , 25(6),1-5, 2017.

11. Pawan Kumar and Z. K. Ansari, Some common fixed point theorems of contractive mapping in cone b-metric spaces, International journal of Mathematics and its Applications , Vol 5,No.4, 2017.

12. Pawan Kumar, Z. K. Ansari and Balbir Singh, Compatible mappings of types using implicit relations in fuzzy metric spaces, International Journal of Advance in Mathematics, vol 2018, 61-74, 2018.

13. Pawan Kumar, Balbir Singh and Z. K. Ansari , Variants of compatible mappings in fuzzy metric spaces, Annals of Fuzzy Mathematics & Informatics, Vol 15, No.2, 169-180, 2018.

14. Pawan Kumar and Z .K. Ansari, Some fixed point results in cone b-metric spaces, International Journal of Advance in Mathematics, vol 2018, No.4,280-89,2018.

15. Pawan Kumar, Z. K .Ansari and Arun Garg , Fixed point theorems in partial b-metric spaces using contractive conditions, Asian Research Journal of Mathematics, 8(4), 1-11, 2018.

16. Manju Kumari and Pawan Kumar, Novel image encryption scheme with hoffman encoding and steanography technique, International Journal of Network Security and its Application , Vol 11, No.4, July 2019 .

17. Ajay Kumar Singh, Pawan Kumar and Z. K. Ansari, Some fixed point results in parametric metric space, J.Math.Comput.Sci, 10 (2020), No.6, 3143-3158.

18. Ajay Kumar Singh, Pawan Kumar and Z. K. Ansari , Common fixed point theorems in menger space using the notation of CLR and JCLR property, Journal of Advances and Scholarly Researches in Allied Eduction, Vol.17, No.2,202-208

19. Balbir Singh, Vishal Gupta and Pawan Kumar, Existence of fixed point of meir keeler type contractive conditio in fuzzy metric spaces , Electronic Journal of Mathematics Analysis and Applications , Vol9(1), Jan, 2021, 216-225.

20. Pawan Kumar, Neeru Yadav and Balbir Singh, Common fixed point theorems for weakly compatible mappings using generalized ∅- weak contraction, J.Math.Comput.Sci , 11(2021),No.1,661-676.

21. Aarju, Pawan Kumar and Balbir Singh, Weakly commuting mappings and variants for generalized ∅- weak contraction in metric spaces , J.Math.Comput.Sci, 11, (2021), No.2, 1286-1304.

22. Anamika, Balbir Singh , Pawan Kumar & Sanjay Kumar , Common fixed points for generalized $\varphi - \emptyset$ weak contraction in metric space, J.Math.Comput.Sci , 11(2021), No.5, 6365-6391.

23. Neeru Yadav, Pawan Kumar, Dharmendra Kumar and Balbir Singh, Adv. Fixed Point Theory , 2021, 11:17

24. Z. K .Ansari, Pawan Kumar and Balbir Singh, Fixed point theorems in menger space using the notation of CLR and JCLR property, Proceedings of the Jangjeon Mathematical Society, 24(2021), No.4, 439-445.

25. Sanjay Kumar, Anamika , Pawan Kumar and Balbir Singh, R-weakly commuting mappings for generalized $\varphi - \emptyset$ weak contraction in metric spaces, South Asian Journal of Mathematics , 2021, vol.11(1), 12-29.

26. Sonu , Balbir Singh and Pawan Kumar, Fixed point theorem for six mappings involving cubic terms of G(x,y,z) in G -metric spaces, Global Journal of Pure & Applied Mathematics , Vol.17, 2021, 353-370.

27. Vishal Gupta, Balbir Singh and Pawan Kumar, CLR property in menger spaces and related common fixed point theorems , Italian Journal of Pure and Applied Mathematics, 2022, No.1, 1-18.

28. Pawan kumar and Z.K.Ansari, Some fixed point theorem under contraction condition using linear and rational Expression in dislocated metric space is Accepted in TWMS J. App & Eng. Math (2023).

Conference Organization/ Presentations (in the last three years)

Research Projects (Major Grants/Research Collaboration)

Awards and Distinctions

- Qualified Joint CSIR-UGC Test for JRF and Eligibility for Lecturership held in June, 2012 in Mathematical Science.

- Young Scientist Award in 2021 by VDGOOD Professional Association, Trivandrum, India.

- Award of Excellence in 2023 by Delhi School of Communication, Delhi, India.

- President - Delhi NCR of Department of Research and Innovation Wing, Research Foundation of India. Indore (M.P).
- Editorial Board Member of American journal of Applied Mathematics (AJAM).
- Editorial Board Member of American Journal of Mathematical and Computer Modeling (AJMCM).
- Editorial Board Member of International Engineering journal For Research & Development.
- Editorial Board member of Acta Scientific Computer Sciences (ASCS).
- National Reviewer Board Member of Bulletin of Pure & Applied Sciences -Maths &Stat (Started in 1982).
- Life member of the Indian Library Association.
- Life member of the Indian Mathematical Society.
- Life member of the Ramanujan Mathematical Society.

Other Activities

Computer Skills: MS Office, Mathematica, Octave , R, LaTeX

Resource Person

- Keynote Speaker in The International Conference on " Recent Advances & Application in Pure & Applied Mathematics and Allied Area " Organized by Department of Mathematics & Stat, Christian Eminent College Indore & Research Foundation of India From 05 Oct to 07 Oct, 2021.
- Resource Person in Mathematica National Mathematics Day in Collaboration with Institution's innovation Council on "Career Opportunities in Mathematics " Organized by Department of Mathematics, Sant Hirdaram Girls College, Bhopal,(M.P), India From 15 Dec 2022 to 21 Dec, 2022.

International / National Conferences Attended

- National conference "recent trends Engineering technology & management for sustainable development " (Rtetmsd-2013) on 13th august, 2013 MVN University , Palwal (Haryana).
- 1st National conference "new innovations in science, technology & management " NISTM-12 Organized by Rattan institute of technology & management, Saveli (Palwal).
- International conference on Emerging Trends & development in science, management and technology ICETDSMT-2013 (Raj kumar Goel Institute of Technology, Ghaziabad).
- International conference on cognitive computing & information processing CCIP-

2015(JSSATE,NOIDA).

Workshop attended

- International Workshop " Fixed point Theory and its applications on March 15-17, 2019
- National Workshop " R-Software " on 15th , 2019.

- "Design science research methods"taken Dr. vijay k. vaishavi, professor-Georgia state university at UPTU campus, Noida

Research Papers Presented in Conferences

- Pawan Kumar and Z .K. Ansari, Fixed point theorems in menger space using the notation of CLR and JCLR property, In 3rd International Conference on Modern Mathematical Methods and High Performance in Science and Technology organized by Inderprastha Engineering College , Ghaziabad , India on January 9-11, 2020.

Signature of Faculty Member