UNIVERSITY COLLEGE OF SCIENCE, OU
Osmania University
Jama-I-Osmania, Hyderabad, Telangana State - 500007

Employee Information

Dr. B. Krishna Reddy

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view_op=list_works&hl=en&authuser=2&user=5BnmRDEAAAAJ

Address

Current Address	Permanent Address
H.NO.7-31/13, Flat 401, BKR Residency SLN Colony, Suncity, Gandipet Mandal ,Ranga Reddy district, Hyderabad, Telangana state-500091., RANGA REDDY, Hyderabad, TELANGANA, 500091	H.NO.7-31/13, Flat 401, BKR Residency SLN Colony, Suncity, Gandipet Mandal ,Ranga Reddy district, Hyderabad, Telangana state-500091., Hyderabad, RANGA REDDY, TELANGANA, 500091

Educational Qualification

1. Ph.D. (Functional Analysis and Operator theory) in 1994 from Osmania University.

2. Post Graduate (PG) (Mathematics) in 1989 from Osmania University.

3. Under Graduate (UG) (MPC) in 1987 from Osmania University.

Appointments

1. Feb 2018 - Jul 2025: Professor (Department of Mathematics) at University College of Science, Osmania University, Tarnaka.

2. Feb 2015 - Feb 2018: Associate Professor (Department of Mathematics) at University College of Science, Osmania University, Tarnaka.

3. Feb 2011 - Feb 2015: Assistant Professor (Department of Mathematics) at University College of Science, Osmania University, Tarnaka.

4. May 2007 - Feb 2011: Assistant Professor (Department of Mathematics) at University College of Science, Osmania University, Tarnaka.

5. Feb 2003 - May 2007: Assistant Professor (Department of Mathematics) at University College of Science, Osmania University, Tarnaka.

Ph.D Scholars

Completed

1. K. Praveen Kumar (Roll No. 6) PhD Type Part Time, joined on 23 Mar 2017, thesis title A Study on the zeros of polar derivative of a polynomial with complex coefficients, Tentative Date 15 Jun 2021 , finished on: 30 Dec 2021.

2. G.Narsimulu (Roll No. 7) PhD Type Full Time, joined on 01 Feb 2017, thesis title Proposed contonuous wavelets and their applications, Tentative Date 19 Apr 2022 , finished on: 19 Apr 2022.

3. Mollalgn Haile Takele (Roll No. 5) PhD Type Full Time, joined on 21 May 2015, thesis title Approximation methods for common fixed point of the family of nonself mappings andoptimization problems on fixed point set, Tentative Date 29 Jun 2018 , finished on: 24 Sep 2019.

4. Mohammed Rayeezuddin (Roll No. 4) PhD Type Full Time, joined on 30 Oct 2014, thesis title Continuous wavelet transforms and their applications, Tentative Date 27 Feb 2018 , finished on: 21 Aug 2018.

5. M. Shravani (Roll No. 3) PhD Type Full Time, joined on 06 Mar 2014, thesis title Wavelets and some of their applications, Tentative Date 22 Sep 2017 , finished on: 11 May 2018.

6. Mr. GebruGebray (Roll No. 1) PhD Type Full Time, joined on 01 Jan 2013, thesis title Completion of a Fuzzy metric structure and some fixed point results in fuzzy metric structure, Tentative Date 29 Feb 2016 , finished on: 07 Oct 2016.

7. Mr. N. Surender (Roll No. 2) PhD Type Part Time, joined on 07 Sep 2012, thesis title Fixed point theorems of certain contractions of complete G-metric spaces, Tentative Date 30 Jun 2016 , finished on: 01 Feb 2017.

Journal Publications

International

16. Mohammed Rayeezuddin, B. Krishna Reddy and D. Sudheer Reddy, 2021, Performance of reconstruction factors for a class of new complex continuous wavelets, International Journal of Wavelets, 19, 2, 1-14, I, UGC

15. K. Praveen Kumar and B. Krishna Reddy, 2021, A study on the zeros of polar derivative of a polynomial, International journal of creative research thoughts, 9, -, 34-44, -, I, UGC

14. GaddamNarsimulu, B. Krishna Reddy and M.D. Rayeezuddin, 2020, Extension of proposed family of onedimensional continuous wavelets to two-dimensional continuous wavelets, Malaya Journal of Matematik, 8, 3, 893-897, -, I

13. Mollalgn Haile Takele and B. Krishna Reddy, 2019, Convergence theorems for common fixed point of the fimily of nonself and nonexpansive mappings in real Banach spaces , Applications and Applied Mathematics, 2018, 4, 0-0, 1932-9466, I, web of science

12. Mollalgn Haile Takele and B. Krishna Reddy, 2019, Iterative Method for Approximating a Common Fixed Point for Family of Multivalued Nonself Mappings in Uniformly Convex Hyperbolic Spaces, American Journal of Applied Mathematics and Statistics, 7, 3, 93-100, I, UGC

11. M.D. Rayeezuddin, Gaddam Narsimulu and B. Krishna Reddy, 2018, On comparison of some Properties of proposed continuous wavelets with existing one, International journal of pure and applied Mathematics, 118, 1, 87-94, -, I, Scopus

10. Mollalgn Haile Takele and B. Krishna Reddy, 2017, Fixed Point Theorems for Approximating a Common Fixed point for a Family of Nonself,Strictly Pseudo Contractive and Inward   Mappings in Real Hilbert Spaces, Vol.13, No. 7 (2017), pp.3657-3677, Global Journal of Pure and Applied Mathematics, 13, 7, 3657-3677, 0973-1768, I, Scopus

9. Mollalgn Haile Takele and B. Krishna Reddy, 2017, Iterative method for approximating a common fixed point of infinite family of strictly pseudo contractive mappings in real Hilbert spaces, International Journal of computational and Applied Mathematics, 12, 2, 293-4966, 1819-4966, I, UGC

8. B. Krishna Reddy and Gebru Gebray, 2016, Induced dislocated quasi metric (s-metric) of a dislocated fuzzy quasi metric and their relationship, Advances in Fuzzy Sets and Systems, 21, 3, 187-212, I, UGC
Dr. B. Krishna Reddy   is First Author.

7. M. Shravani and B. Krishna Reddy, 2015, Image compression using EZW and WDR techniques with different wavelet codes, IJMA, 6, 2, 79-84, 2229-5046, I

6. Mohammed Rayeezuddin and B. Krishna Reddy, 2015, A New Complex Continuous Wavelet Family, IOSR Journal of Matematics, 11, 5, 14-19, 2278-5728, I

5. Mohammed Rayeezuddin and B. Krishna Reddy, 2015, A New Continuous Wavelet Family and its Application to Analysis of Elementary Periodic Signals, IJSR, 0, 0, 0-0, 2319-7064, I

4. Mohammed Rayeezuddin and B. Krishna Reddy, 2015, Analysis of QRS Complex in ECG Signals Using New Continuous Wavelet Transform, International Journal of Mathematics Trends and Technology, 26, 1, 0-0, 2231- 5373, I, UGC

3. B. Krishna Reddy and N. Gopal Reddy, 2014, A note on finite rank Quadratic Operators, IJSR, 3, 7, 0-0, 2319-7064, I
Dr. B. Krishna Reddy   is First Author.

2. Gebru Gebray and B. Krishna Reddy, 2014, Fuzzy metric on fuzzy linear space, International Journal ofScience an Research, 3, 6, 0-0, 2319-7064, I

1. Gopal Reddy and B. Krishna Reddy, 2010, A Note on Metalinear Operators , Int J.of Mathematical Sciences, 1, 1, 66-71, 0976-5913, I, UGC
Dr. B. Krishna Reddy   is Corresponding Author.

National

12. K. Praveen Kumar and B. Krishna Reddy, 2020, A note on the zeros of polar derivative of a polynomial, Malaya Journal of Matematik, 8, 2, 405-413, -, N, UGC

11. K. Praveen Kumar & B. Krishna Reddy, 2020, A note on the zeros of polar derivative of a polynomial with complex coefficients, J. Math. Comput. Sci, 10, 4, 1004-1019, -, N, Scopus

10. Mollalgn Haile Takele and B. Krishna Reddy, 2017, Approximation of common fixed point of finite family of non-self and nonexpansive mappings in Hilbert space, Indian Journal of Mathematics and Mathematical Sciences (IJMMS), 13, 1, 177-201, 0973-3329, N, UGC

9. N. Surender and B. Krishna Reddy, 2015, Some fixed point theorems of contractive mappings in complete G-Metric space , IOSR Journal of Mathematics, 11, 5, 1-7, 2278-5728, N

8. N. Surender and B. Krishna Reddy , 2015, Common fixed point theorems for weakly compatible mapping satisfying generalized contraction principle in complete G-Metric spaces, Annals of pure and applied Mathematics, 10, 2, 179-190, -, N

7. M. Shravani and B. Krishna Reddy, 2015, New continuous wavelet family , Aryabhatta Journal of Mathematics and Informatics, 7, 1, 0-0, -, N

6. Gebru Gebray and B. Krishna Reddy, 2014, Fuzzy set field and fuzzy metric, Advanced in Fuzzy Systems, 0, -, 0-0, -, N

5. B. Krishna Reddy and N. Gopal Reddy , , 2011, On equivalence of 2-norms in a 2-normed space, The Mathematical Education, 45, 4, 0-0, 0047-6269, N, UGC
Dr. B. Krishna Reddy   is First Author.

4. N.G. Reddy, T. Sujatha and B. Krishna Reddy, 2008, Continued fraction method for the solution of the polynomial operator equation, J. Indian Acad. Math., 30, 1, 0-0, 0970-5120, N
Dr. B. Krishna Reddy   is Corresponding Author.

3. B. Krishna Reddy, 2006, Norm Estimation for functions of A Hilbert-Schmidt Operator Vol. 18, No. 3, July-Sep.2006, , J. Pure & Appl. Phys, 18, 3, 211-214, -, N, Peer reviewed
Dr. B. Krishna Reddy   is First Author.

2. N.G.Reddy and B. Krishna Reddy, 2001, A note on generalized self-adjoint operator and factorization of operator valued function, J. Indian Acad. Math, 23, 2, 0-0, 0970-5120, N, Peer reviewed
Dr. B. Krishna Reddy   is Corresponding Author.

1. N.G.Reddy, T. Sujatha and B. Krishna Reddy, 1998, A global and an iterative solution of the quadratic operator equation , Bull. Col. Math. Soc. Calcutta Mathematical Society, Calcutta, 90, -, 17-24, 0008-0659, N, UGC

Dr. B. Krishna Reddy   is Corresponding Author.

Event Attended

1. National Level FDP (Faculty development program) on R.C. in Mathematics from 30 Jan 2017 to 18 Feb 2017.

2. National Level FDP (Faculty development program) on R.C. in Mathematics and Statistics from 25 Nov 2009 to 17 Dec 2009.

3. National Level FDP (Faculty development program) on R.C. in Mathematics from 05 Dec 2007 to 25 Dec 2007.

4. National Level FDP (Faculty development program) on Orientation Course 12.06.07 to 22.07.07 Osmania University Hyderabad 10 days OUCIP, OU from 12 Jul 2007 to 22 Jul 2007.

5. National Level FDP (Faculty development program) on Orientation Course from 02 Dec 2005 to 30 Dec 2005.

Administrative Duties

1. Head, Department of Mathematics - at Department of Mathematics from 07 Jul 2023 to Appointed By - Registar, OU.

2. Chairperson Board of Studies, Mathematics - at Department of Mathematics from 30 Nov 2022 to 25 Sep 2023 Appointed By - Registrar, OU.

3. Asst. controller of Examinations - at B.Sc. Section from 26 Mar 2015 to 22 Sep 2018 Appointed By - The Registrar, Osmania University.

4. General Warden - at B-Hostel from 08 Dec 2010 to 08 Dec 2015 Appointed By - The Registrar, Osmania University.

5. Course Co-Ordinator - at Course Co-Ordinator of Mathematics from 15 Nov 2010 to 30 Jun 2022 Appointed By - The Registrar, Osmania University.

6. N.S.S Programme Officer - at Osmania University from 01 Sep 2008 to 17 Aug 2009 Appointed By - Osmania Unversity.