



**Name: Dr. Ch .Shashi Kumar**  
**Designation: Asst Professor/Mathematics**  
**Department: Humanities & Science**  
**Mail I'd: shashikumar\_ch@vnrvjiet.in**

Experience (in years): 23      Teaching: 20      Research: 3      Others (if any, specify):

**1. Educational / Technical qualifications:**

S.No	Level (UG / PG / Ph.D)	Year of passing	Specialization
1	Ph.D	2019	Fixed Point with Fuzzy Metric Spaces
2	M.Phil	2006	Mathematics
3	M.Sc	2001	System Theory & Computer Modelling
4	B.Sc	1999	M.P.E

**2. Teaching and Learning:**

- 2.1. Teaching Interests: Data Analytics, Linear Algebra, Statistical Modelling, Machine Learning, Probability & Statistics, Complex Analysis
- 2.2. Novel Teaching & Learning Techniques adopted: Active learning, Memorization, Learning by Doing.
- 2.3. Involvement in curriculum updating / Design:

**3. Co-curricular and Extra-Curricular Activities**

- 3.1. Interests and Hobbies: Reading
- 3.2. CCA/ECA Organized: Coordinated in Conducting Sports and Cultural Fest,
- 3.3. CCA/ECA participated:
- 3.4. Counselling and Mentoring Activity:
- 3.5. Committees involved in:

Department level: In charge HOD for H&S Department from 2009 to 2017 in VITAE  
Institute Level: Co-ordinator for Cultural activities from 2008-2016

**4. Conference / Workshop / Seminar / Guest Lectures :**

- 4.1 Conducted:
  1. Conducted a One Day Training Session on “The Art of Effective Visualization with Tableau ” software for B.Tech Students on 2nd July 2022 at VNR Vignana Jyothi Institute of Engineering and Technology, Hyderabad

2. Conducted Workshop on RESEARCH METHODS IN ENGINEERING AND MANAGEMENT in Vignan Institute of Technology and Aeronautical Engineering 2009.
3. Conducted Two Days Workshop on APPLICATIONS IN ENGINEERING MATHEMATICS in Vignan Institute of Technology and Aeronautical Engineering 2008

4.2 Attended:

1. Attended Workshop on “Overview of Free and Open Source Software for Geospatial Technology” Conducted by ISRO, Dehradun from 24-28 April-2023.
2. Attended FDP On Innovative Teaching and Learning Pedagogy Conducted by Research Foundation of India, CARE, April-2023.
3. Attended 5 Day Workshop on “Statistical analysis using python” Conducted by VNR VJIET from 6-11 March-2023
4. Attended 5-Day International Workshop on “Applicable Mathematics for Science and Engineering (AMSE-2023) Conducted by VIT-AP from 16-20 February 2023
5. Attended Two Week Online FDP on “Current Trends in Applications of Mathematics” Conducted by Vel Tech Rangarajan Dr. Sagunthala R&D Institute of Science and Technology from 21<sup>st</sup> Sep -4<sup>th</sup> Oct 2022.
6. Attended FDP on Data Science, Sponsored by ATAL at GITAM from 4-8, Jan 2021
7. Attended Workshop on STATISTICAL ANALYSIS FOR ENGINEERS-2012, IITK, Kanpur, during 2-6 July 2012
8. Attended Two-day Workshop on APPLICATIONS OF MATHEMATICS & STATISTICS FOR ENGINEERING organized by the Department of Mathematics JNTUH Hyderabad, during 23 and 24 July 2010.
9. Attended One day Research AWARENESS PROGRAMME IN MATHEMATICS which is organized by the Department of Mathematics JNTUH – CEH & CDAC Hyderabad 2009
10. Attended One Month Workshop on VALUE EDUCATION in JNTU Hyderabad 2003

**5. Academic Contribution and Research & Consultancy:**

5.1. Invited Lectures:

1. Gave Seminar on EDA Using Python in VNR VJIET Feb-2023
2. Gave Seminar on Statistics Using R in Vignan Institute of Technology and science in 2019
2. Gave Seminar on Fourier Transforms in GNIT on 23 Oct 2017

5.2. Articles / Chapters published in Books:

5.3. Books published as single author or as editor: Applications on fixed point theorem with fuzzy metris Space, ISSN No 978-620-2-52702-6

5.4. Projects Guided :

a) UG :      b) PG :

5.5. Research Interests : Statistical Modelling

5.6. Ph.D students :

a) Enrolled :                      b) Submitted :                      c) Awarded :

5.7. Papers published in reviewed journals :

S.No	Title of the Paper	Journal Name Vol.No. PP	ISBN/ISSN No.	Impact Factor/ Citation Index	National/ International
	Influence of Joule Heating and	NeuroQuantology,	1303-5150	1.725	International

1	Mass transfer Effect on MHD Mixed Convection Flow of Chemically Reacting Fluid on a Vertical Surface.	Vol(20),Issue(20),Page 786-803			
2	Radiation and chemical reaction effect on unsteady flow past an accelerated infinite vertical plane with variable temperature and uniform mass suction through porous medium	Journal of Positive Psychology 6 (4), 10983-10991	2717-7564	4.29	International
3	Bipolar Sum distance in neutrosophic graph	Malaya Journal of Matematik, Vol9, No.1 1083-1085	2319-3786		International
4	Interior and Boundary vertices of BSV Neutrosophic Graphs	Journal of Dynamical and control system 1510-1515	15738698		International
5	Detour Interior and Boundary vertices of BSV Neutrosophic Graphs	IJAST , Vol 28, No. 8, pp 2382-2394	22778616		International
6	Neutrosophic Bipolar Soft Topological Compact Spaces	International Journal of Mechanical Engineering ,Vol 7,No1, 2607-2613	0974-5823		International
7	Strongly Arc irregular and Total Irregular Neutrosophic Graph	International Journal of Advance Science and Technology, Vol 29(4),10528-10536	2005-4238		International
8	Bipolar Neutrosophic soft topological open and closed set	Turkish Journal of Physiotherapy and Rehabilitations, 33(1),41-51	2651-4451		International
9	Single Valued Neutrosophic Detour Distance	Journal of critical review 1083-1085	2394-5125		International
10	Application of Kransoelskii Theorem For Multivalued Operators.	Research journal of Science and Technology, Vol 11(3) ,186-194	0975-4393		International
11	A Common fixed point Point Theorem In Intuitionistic Menger (PQM) Space With Using Property (E.A.)	International Journal of Research And Analytical Reviews, Vol6, No2, 480-487	2348-1269		International

12	Application of Fuzzy QuasiI Metric Space In The Domain of words	Journal of Emerging Technologies and Innovative Research, Vol 6,Issue 5, 12-18	2349-5162		National
13	Common Fixed Point Theorems Intuionistic Fuzzy Metric Space Of Integral Type with and Contractive Condition	International Journal of Mathematical Archive, Vol. 5(3), 254-265	2229-5046		International
14	Contractive Condition Of Integral Type For Fixed Points Of Weakly Compatible Maps.	International Research Journal of Pure Algebra, Vol 4(3), 444-451	2248-9037		International
15	Application To Metric Spaces With Fixed Point Theorems In Menger Spaces	International Journal of Contemporary Mathematical Sciences Vol. 9, 2014, no. 10, 487 - 495 HIKARI Ltd.	1314-7544		International
16	On Fixed Point Theorems in Fuzzy Metric Spaces.	South Asian Journal of Mathematics 2014, Vol. 4(3) : 124 ~ 128	2251-1512		International

5.8. Papers presented at National / International Journals :

S.No	Title of the Paper	Names of the Conference/ Seminars	National/ International	Period
1	Fixed point theorem in Fuzzy Metric spaces	APAS Golden Jubilee Science Congress	International	November 13-15, 2014
2	Fixed point Theorems Intuionistic fuzzy metric spaces	International Conference on MAKE IN INDIA, New technologies, New paradigm	International	28 <sup>th</sup> Jab 2016
3	Application of Krasnoselskii Theorem for Multivalued Operators	Advances in Computational Fluid Dynamics	National	April 12-13, 2019

5.9. Sponsored research Projects:

S.No	Title	Agency	Period	Grant amount	Ongoing / Completed

5.10 Consultancy Projects:

S.No	Title	Agency	Period	Sanctioned Amount	Ongoing / Completed

**5. Awards / Honors received:** Best Faculty award in 2010-2011

**6. Motto:** No pain, no gain.