




## CURRICULUM VITAE

<b>Name:</b>	Dr. Sheo Kumar Singh	
<b>Designation:</b>	Assistant Professor	
<b>School:</b>	Physical Sciences	
<b>Department:</b>	Mathematics	
<b>Specialisation &amp; Research Interests:</b>	Topology, Category Theory, Fuzzy Topology, Abstract Algebra	
<b>Email IDs (Official &amp; Personal)</b>	<a href="mailto:sheomathbhu@gmail.com">sheomathbhu@gmail.com</a> , <a href="mailto:sheokumarsingh@mgcub.ac.in">sheokumarsingh@mgcub.ac.in</a>	
<b>Mobile No.:</b>	7297820170	
<b>Address:</b>	Department of Mathematics, School of Physical Sciences, Chanakya Parisar, Mahatma Gandhi Central University, Motihari-845401, Bihar	

## 2. ACADEMIC QUALIFICATION (in reverse Chronological order):

Degree	Year	University / Board
Ph.D.	2015	Banaras Hindu University
M.Sc.	2006	Banaras Hindu University
B.Sc.	2003	V. B. S. Purvanchal University
Intermediate	2000	U. P. Board
High School	1998	U. P. Board

**3. PROFESSIONAL EXPERIENCE:**

Organisation/Institute/University	Position Held	Duration
Mahatma Gandhi Central University, Bihar	Assistant Professor	03-10-2016 to till date
Central University of Jharkhand	Assistant Professor	07-09-2016 to 30-09-2016
Central University of Rajasthan	Assistant Professor	07-08-2015 to 05-08-2016

**4. ADMINISTRATIVE ASSIGNMENTS:**

Position Held	Duration	Nature of Work
Assistant Centre Superintendent	24-05-2019 to 04-06-2019	To conduct the End-Semester Examinations May-June 2019
Teacher-In charge, Department of Mathematics, Mahatma Gandhi Central University	December 2016-August 2017	1. Designing course curricula of B.Sc. (Honours) Mathematics as per CBCS in consultation with other faculty members of the department. 2. Duties performed for the proper functioning of the Department
Member	12 <sup>th</sup> May 2017 to 11 <sup>th</sup> May 2020	Board of Studies, Department of Mathematics, Mahatma Gandhi Central University
Member	31 <sup>st</sup> October 2017 to 30 <sup>th</sup> October 2020	School Board, School of Mathematics and Statistical Sciences, Mahatma Gandhi Central University

**5. COURSES TAUGHT:****At UG level**

1. Calculus
2. Group Theory/Algebra
3. Ring Theory
4. Number Theory
5. Real Analysis
6. Metric Spaces

**At PG level**

1. Algebra
2. Topology
3. Functional Analysis
4. Number Theory
5. Differential Geometry

**M.Phil./Ph.D. Course Work**

1. Research Methodology
2. Advanced Topology
3. Mathematical Modelling

7. Engineering Mathematics
8. Numerical Analysis

## 6. RESEARCH SUPERVISION:

### A. Ph.D.:

- i. **Awarded** : NIL
- ii. **Submitted** : NIL
- iii. **Ongoing** : 02

### B. M.Phil.:

- i. **Awarded** : NIL
- ii. **Submitted** : NIL
- iii. **Ongoing** : 01

### C. Non-Degree Oriented (Master's Level Dissertation): NIL

- i. **Awarded** :
- ii. **Submitted** :
- iii. **Ongoing** :

## 7. CONTRIBUTION TO CORPORATE LIFE OF THE UNIVERSITY:

Sr. No.	Capacity	Nature of Work
1.	Convener, Time-Table Committee	Drafting of centralized time-table of the University
2.	Member	Admission Committee for the session 2017-18
3.	Member	Drafting Committee of the Ordinance on 'Medium of Instruction, Examination, Evaluation and Grading System'
4.	Member	Committee constituted to finalize the Prospectus of the University for admission of students in various post graduate and Ph.D. Programmes during academic session 2019-20
5.	Member	World Book Fair Committee
6.	Member	Stock Verification Committee
7.	Member	Annual Report Committee

**8. MEMBERSHIP OF SOCIETIES / PROFESSIONAL BODIES:**

1. Life-Time member of Indian Mathematical Society (Unique Membership Number: S-12-424)

**9. PUBLICATIONS:****A. PAPERS IN REFEREED/PEER REVIEWED JOURNALS:**

- i. On Q-bitopological spaces  
Rana Noor, Arun K. Srivastava, **Sheo Kumar Singh**, *Iranian Journal of Fuzzy Systems* **15** (2018) 65-77.
- ii. On  $T_0$ -objects in Q-TOP  
**Sheo Kumar Singh**, Arun K. Srivastava, *Annals of Fuzzy Mathematics and Informatics* **12** (2016) 597-604.
- iii. On connectedness and disconnectedness in Q-TOP  
**Sheo Kumar Singh**, Arun K. Srivastava, *Annals of Fuzzy Mathematics and Informatics* **12** (2016) 539-546.
- iv. On Q-sobriety  
**Sheo Kumar Singh**, Arun K. Srivastava, *Quaestiones Mathematicae* **39** (2016) 179-188.
- v. Another Sierpinski object in BFTS  
Rana Noor, **Sheo Kumar Singh**, *Advances in Fuzzy Sets and Systems* **17** (2014) 83-93.
- vi. A characterization of the category Q-TOP  
**Sheo Kumar Singh**, Arun K. Srivastava, *Fuzzy Sets and Systems* **227** (2013) 46-50.
- vii. On two topologies associated with a topology  
**Sheo Kumar Singh**, Arun K. Srivastava, *Quaestiones Mathematicae* **34** (2011) 93-99.

**10. Patents/Copyrights /IPR (If Any)**

NIL

**11. INVITED TALKS:**

NIL

**12. RESEARCH PROJECTS (COMPLETED / ONGOING):**

NIL

**13. PARTICIPATION& PRESENTATIONS IN SEMINARS/SYMPOSIA/WORKSHOPS/CONFERENCES:****International Seminars/Conferences:**

1. International Conference of The Indian Mathematics Consortium (TIMC) in cooperation with American Mathematical Society (AMS), December 14-17, 2016 (organized by DST-CIMS, Institute of Science, BHU), Varanasi, India.

2. International Congress of Mathematicians, August 19-27, 2010 (organized by Univ. of Hyderabad), Hyderabad, India.

**National Seminars/Conferences/Symposia:**

1. 78<sup>th</sup> IMS Annual Conference organized by Dept. of Mathematics and DST-CIMS, BHU, Varanasi, January 22-25, 2013.
2. National Meet of Research Scholars in Mathematical Sciences organized by Dept. of Mathematics and DST-CIMS, BHU, Varanasi, November 18-22, 2012.
3. Almora Mathematical Surveys (a national Mathematics year event) organized by Kumaun University, SSJ Campus, Almora, October 3-6, 2012.
4. National Meet of Research Scholars in Mathematical Sciences organized by Dept. of Mathematics, IIT Kharagpur, October 12-15, 2011.

**ATM Schools/Workshops/Training Programmes:**

1. Annual Foundational School-III organized by Harish-Chandra Research Institute, Allahabad, July 06-31, 2012.
2. Annual Foundational School-II organized by Dept. of Math., University of Pune, June 04-30, 2012.
3. Workshop on "Writing Research Papers" organized by Dept. of Physics, BHU, Varanasi, June 10-11, 2011.
4. Advanced Training Programme in Functional Analysis-2009 organized by DST-CIMS, BHU, Varanasi, June 21 - July 03, 2010.
5. Training Programme on LATEX and other Open Source Software organized by DST-CIMS, BHU, Varanasi, December 7-12, 2009.

**14. AWARDS, FELLOWSHIPS & OTHER DISTINCTIONS:**

1. Qualified Junior Research Fellowship (JRF) in 2009 with all India 36<sup>th</sup> rank, conducted by Council of Scientific and Industrial Research (CSIR), New Delhi, India.

**15. ANY OTHER SIGNIFICANT INFORMATION:**

1. Successfully completed 80<sup>th</sup> Orientation course at (UGC) HRDC-BHU during July 21- August 17, 2018.
2. Successfully completed Refresher course at (UGC) HRDC, University of Allahabad during Oct. 10-23, 2019.

***(Dr. Sheo Kumar Singh)***