



CURRICULUM VITAE

DR MUSHTAQ AHMAD SHAH

Assistant professor Department of Mathematics, Abdul Ahad Azad Memorial Degree

College Bemina, Srinagar.

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Hello 7006492020,

Teaching experience

1] lecturer Department of Mathematics National institute of technology Srinagar from 1st April to 31 of December 2013.

- Responsibilities are: -
- Teaching B. Tech, MTech students,
- Preparing and evaluating papers,
- Research

2] Central University of Kashmir.

- Assistant professor Department of Mathematics from October 2017 to 20 September 2019.
- Responsibilities.
- Teaching B.Sc. M.Sc. students.
- Paper setting, Paper Evaluation, Research, and other Departmental work

3] Assistant professor Department of Mathematics Jammu and Kashmir Higher

Education Department 21 September 2019 till date

- Responsibilities.
- Teaching B.Sc. students.
- Paper setting, paper evaluation, Research, and other Departmental work

Education

- Ph.D. Mathematics, Graph theory 2017.
- M.sc Mathematics, 2009.
- B.Sc. University of Kashmir Srinagar, 2006.

Research field: - Mathematics (Graph Theory)

PUBLICATION LIST

S. No.	Title of Research Paper	Name of Journal	Year of publication	Remark
1	Construction of Barnette graphs whose large subgraphs are non-Hamiltonian	Acta Univ. Sapientiae, Mathematica	2019	Referred journal
2	A Survey and strengthening of Erdos Gyarfes Conjecture	Advances in mathematics scientific journal	2016	Referred journal
3	Traffic Congestion a challenging problem in the world	International J.Math. Combin.	2016	Referred journal
4	Enhancement and Segmentation of Lung CT Images for Efficient Identification of Cancerous Cells	International Journal of Electronics & Informatics	2016	Referred journal
5	Number of Regions in Any Simple Connected Graph	International J.Math. Combin.	2015	Referred journal
6	Necessary Condition for Cubic Planar 3-Connected Graph to be Non-Hamiltonian with Proof of Barnette's Conjecture	International J.Math. Combin.	2014	Referred journal
7	A study on hypo Hamiltonian graphs	African Journal of Mathematics and Computer Science Research	2013	Referred journal
8	Fundamental Theorem of Algebra A Study	International Journal of Computational Engineering Research	2012	Peer reviewed
9	A NEW CONDITION FOR A GRAPH TO BE HAMILTONIAN	International Journal of Mathematical Archive	2012	Peer reviewed
10	CONDITION FOR HAMILTONIANCITY	International Journal of Mathematical Archive	2012	Peer reviewed
11	ON SQUARING A NUMBER	International Journal of Mathematical Archive	2012	Peer reviewed
12	Number of windows in a 3-connected cubic planar bipartite graph	International Journal of Development Research	2013	Peer reviewed
13	On the Regular Graphs of Z_n	East Asian Bulletin of Mathematics	2022	Referred journal
14	On 2-Power unicyclic cubic graphs	Electronic journal of Graph Theory and applications	2022	Referred journal

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Books/Book Chapters Published

S.NO.	Title of Books/Book Chapters Published	Name of publisher	ISBN Number	Year of publication
15	Modern Algebra	Mamta publications Srinagar J and K	978-81-923713 SRN-823501711	2013
16	Necessary condition for CPB3-Connected graphs to be non- Hamiltonian with proof of Barnette conjecture (International Book Series)	The Madis of Chinese Academy of Sciences and Academy of Mathematical Combinatorics & Applications, USA	978-1-59973-308-1	2014
17	Number of Regions in Any Simple Connected Graph (International Book Series)	The Madis of Chinese Academy of Sciences and Academy of Mathematical Combinatorics & Applications, USA	978-1-59973-349-4	2015
18	Traffic Congestion A Challenging Problem in the World (International Book Series)	The Madis of Chinese Academy of Sciences and Academy of Mathematical Combinatorics & Applications, USA	978-1-59973-474-3	2016

CONFERENCE/WORKSHOPS ATTENDED

- 1) Attended the conference organized by MANAV RACHINA INTERNATIONAL UNIVERSITY Faridabad Delhi at IMPA M.A ROAD Srinagar on 18/3/2012 the main theme is carrier counselling
- 2) Attended two days' workshop conducted by (M.H.R. D.) ministry of human resource Development at National Institute of Technology Srinagar Kashmir. on 18 and 19 June 2013
- 3) Attending workshop at Vivekananda Global University Jaipur on 3 - 9 November 2014
- 4) Attended three days' workshop conducted by Department of Mathematics Central University of Kashmir from 23/11/2017 to 25/11/2017