ZAKIR HUSAIN DELHI COLLEGE
(University of Delhi)

Faculty Details

Title	First Name	Last Name	Photograph
	DR. VIPIN	KUMAR	
Designation	ASSISTANT PROFESSOR		
Address	H.NO. 2525, BLOCK B, GALI NO. 7, SGM NAGAR, FARIDABAD (HARYANA) 121001		

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	Residence	
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Educational Qualification

Degree	Institution	Year
B.Sc	KURUKHESTRA UNIVERSITY KURUKHESTRA (HARYANA)	2007
M.Sc	KURUKHESTRA UNIVERSITY KURUKHESTRA (HARYANA)	2013
P.hd	GURUKULA KANGRI (DEEMED TO BE UNIVERSITY) HARIDWAR, UTTARAKHAND	2022

Career Profile

WORKING AS A ASSISTANT PROFESSOR IN DEPARTMENT OF MATHEMATICS, ZAKIR HUSAIN DELHI COLLEGE(M) FROM 31/03/2023 TO TILL DATE

Areas of Interest / Specialization

GRAPH THEORY

Subjects Taught

DIFFRENTIAL EQUATION, NUMERICAL METHOD

Research Guidance

NILL

Publications Profile

- Kumar A., Kumar V., Kumar K., Gupta P. and Khandelwal Y., "G-Graceful Labeling of Graphs", Advances in Mathematics: Scientific Journal, 9(4), 1973-1981, (2020), **(Scopus).**

- Kumar A., Kumar A., Kumar V., Kumar K., "Graceful Distance Labeling for Some Particular Graphs", Malaya Journal of Mathematic, 9(1), 557-561, (2021), **(UGC Approved).**

- Kumar A., Kumar A., Kumar V. and Kumar A., "Some new aspects of graph labeling in dental arch structure", Materials Today: Proceedings **(Article in Press) (Elsevier).**

- Kumar A., Mishra D., Kumar A. and Kumar V., "Alpha Labeling of Cyclic Graphs", International Journal of Applied and Computational Mathematics (IJACM), 7:151, (2021), **(Springer).**

- Kumar A., Kumar A., and Kumar V., "Graceful Labeling of Closed Caterpillars", Journal of Mathematical Control Science and Applications (JMCSA), Vol.8, No.2 (July-December, 2022) **(Scopus).**

- Kumar A., Kumar A. and Kumar V., "Maximum Sum Numbering for Some Graphs", Journal of Xi'an University of Architecture & Technology, Vol. XII, Issue VII (July-2020) **(Scopus).**

- Kumar A., Mishra D., Kumar M., Kumar A. and Kumar V., "Construction of Alpha Labeled Bipartite Graph from a set of Alpha Labeled Bipartite Graphs", Journal of Xi'an University of Architecture & Technology, Vol. 12, No. 7 (July-2020) **(Scopus).**

- Gupta N., Kumar A., Kumar A., Kumar V. and Tyagi S., "MAGNIFICATION AND FRACTION GRACEFUL LABELING AND SOME RESULTS", CALCUTTA

MATHEMATICAL SOCITY (Communicate).

- Kumar A., Kumar A. and Kumar V., "Largest Sum Numbering Of Graphs", Advances and Applications in Mathematical Sciences (Communicate).

Conference Organization/ Presentations (in the last five years)

❖ Presented a research paper entitled "G-Graceful Labeling of Some Graphs" in International Conference on "Applied Mathematics and Computational Sciences", organized by Department of Mathematics, DIT University, Dehradun and Sponsored by UCOST, Govt. of Uttarakhand from October 17-19, 2019.

❖ Presented a research paper entitled "α-Labeling of Cyclic Graphs" in International Conference on "Resent Advances in Science", organized by Faculty of Science, Invertis University Bareilly and Sponsored by ICRAS from February 28-29, 2020.

❖ Presented a research paper entitled "Graceful Distance Labeling For Some Graphs" in International Conference on "Resent Trends in Mathematics and Its Applications to Graphs, Networks and Petri Nets (ICRTMA-GPN)", organized by "School of Computational and Integrative Sciences Jawaharlal Nehru University, New Delhi and Vijnana Parishad of India, India" and Sponsored by School of Computational and Integrative Sciences, Jawaharlal Nehru University, New Delhi from July 20-24, 2020.

❖ Presented a research paper entitled "Graceful Labeling of Closed Caterpillars" in International Conference on "Research Trends in Mathematics", organized by The Division of Mathematics, School of Advanced Sciences, Vellore Institute of Technology, Chennai, India from August 25-26, 2020.

❖ Presented a research paper entitled "Application of Graph Labeling in Dental Architecture", in International Conference on "Graph Labeling and Applications (ICGLA)", organized by the Loving Memory of Prof. B. D. Acharya by Department of Mathematics, Goa University, Taleigao Plateau, Goa, India from September 17-19, 2020.

❖ Presented a research paper entitled "Largest sum numbering of graphs", in National Conference on "Science & Technology: Rural Development", organized by the Indian Science Congress Association: Haridwar Chapter Hosted by Department of Chemistry

and Department of Physics, Gurukula Kangri Vishwavidyalaya, Haridwar, Uttarakhand, India from February 15-16, 2020.

❖ Participated in National Conference on "Mathematical Documentation and Computation Using Online Tools", organized by the PG & Research Department of Mathematics, St. Mary's College (Autonomous), Thoothukudi, Tamil Nadu, India, during 28-29 May, 2020.

❖ Participated in International Conference on "General Mathematical Tools in Research: Theory and Applications", organized by Department of Mathematics (FOECS) TMU, Moradabad, Uttar Pradesh, India, during 15-17 June, 2020.

❖ Participated in International Conference on "Mathematical Approach of Solute Transport Modeling", organized by Department of Applied Sciences KIET Group of Institutions Ghaziabad, Uttar Pradesh, India, during 27 June, 2020.

❖ Participated in International Conference on "The Role of Applied Mathematics in Present Global Crises", organized by Department of Applied Mathematics with Oceanology and Computer Programming Vidyasagar University, Midnapore, West Bengal, India, during 5-7 August, 2020.

❖ Participated in "International Conference on Graph Connections (ICGC-2020)", organized by Department of Mathematics and Statistics and Internal Quality Assurance Cell (IQAC), Bishop Chulaparambil Memorial College, Kottayam in association with Mahatma Gandhi University, Kottayam, India, during 6-8 August, 2020.

❖ Participated in International Conference on "Emerging Trends in Vedic Mathematics & Applications in Science, Technology and Social Science Research (ETVM-ASTSSR-2020)" organized by Special Centre for E-Learning, Jawaharlal Nehru University, New Delhi, India, during 16-17 August, 2020.

❖ Participated in National Conference on "Graph Theory and its Applications" organized by the Postgraduate and Research Department of Mathematics, Mar Thoma College Tiruvalla in collaboration with Kerala Mathematical association (KMA), India, during 19-21 August, 2020.

❖ Participated in National Conference on "Inclusive Education in the light of NEP-2020:

Challenges and Opportunities", organized by Shri Jai Ram Mahila College of Education, Research and Development, Lohar Majra, Kurukshetra, Haryana, India, during 20 August, 2020.

❖ Participated in National Conference on "Probability, Sampling Theory & Their Applications", organized by the Department of Mathematics, Vidyavardhaka College of Engineering, Mysuru, India, during 24 August, 2020.

❖ Participated in National conference on "An Introductory Concept of Fluid Dynamics", organized by PG Department of Mathematics, K.S. Rangasamy College of Arts and Science, Tiruchengode, India, during 27 August, 2020.

❖ Participated in National Conference on "Recent Advancement of Fuzzy Theory", organized by Department of Mathematics with computer applications, Dwaraka Doss Goverdhan Doss Vaishnav College, Arumbakkam, Chennai, India, during 29 August, 2020.

❖ Participated in National Conference on "GRAPH THEORETICAL APPROACHES IN PYTHON NETWORK-χ", organized by Infinity Educational Solution & Rathinam College of Arts & Science, India, during 30 August, 2020.

❖ Participated in International conference on "Mathematics in Data Analysis and Internet Security During COVID-19 Pandemic". Organized by Department of Mathematics in collaboration with Internal Quality Assurance Cell, Kalyani Mahavidyalaya, Nadia, West Bengal, India, during 9-10 September, 2020.

❖ Participated in International Conference on "Present Scenario of Mathematical Science (ICPSMS-2020)", organized by Department of Mathematics, Karnataka University Karnataka Arts College, Dharwad, Karnataka, India during September 12-13, 2020.

❖ Participated in the Workshop on "Introduction to Spectral Graph Theory" under AKIN program Organized by Department of Mathematics, IIT Ropar during November 16-20, 2019.

❖ Participated in the Workshop on "MATLAB" Organized by the Department of Science and Humanities of Hindustan College of Engineering and Technology, Coimbatore during September 2-4, 2020.

Participated in the Workshop on "Resent Trends in Domination And Graph Labeling(RTDGL-2021)" Organized by Department of Mathematics, Ramanujan College, University of Delhi in collaboration with Academy of Discrete Mathematics and Applications (ADMA) during May 27-31, 2021
Research Projects (Major Grants/Research Collaboration)
NILL
Awards and Distinctions
NILL
Association With Professional Bodies
NILL
Other Activities
WORKING IN COLLEGE COMMETEE