

Curriculum Vitae

MAHENDRA RAM

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Designation: Assistant Professor, Mathematics, Hansraj College, University of Delhi.

ACADEMIC QUALIFICATION

Serial No.	Year	Exam Passed	Board/University	Division
1	2022	Ph.D.	Jawaharlal Nehru University, New Delhi	Award
2	2012	M.Tech. (Computer Science and Technology)	Jawaharlal Nehru University, New Delhi	1st
3	2007	M.Sc. (Mathematics)	Shibli National College Azamgarh, Uttar Pradesh	2 nd
4	2005	B.Sc.(Physics Chemistry, Mathematics)	D.A.V.P.G. College Azamgarh, Uttar Pradesh	2 nd
5	2009	JRF(Mathematical Sciences)	Joint CSIR-UGC	Qualified
6	2009	GATE (Mathematics)	-----	Qualified

TEACHING EXPERIENCE

- Assistant Professor, Dept. of Mathematics, Hansraj College, University of Delhi, since August 7, 2018.
- Assistant Professor, Dept. of Mathematics, Maharaja Agrasen College, University of Delhi, from 31/07/2015 to 19/05/2018.
- Assistant Professor, Dept. of Mathematics, Kamala Nehru College, University of Delhi, from 05/01/2015 to 21/07/2015.
- Assistant Professor, Dept. of Mathematics, Hansraj College, University of Delhi, from 23/07/2012 to 15/12/2012.

PAPERS PUBLICATION

Journals

1. Mahendra Ram, Sushil Kumar, et al. "Enabling Green Wireless Sensor Networks: Energy Efficient T-MAC Using Markov Chain Based Optimization Model", Electronics 2019, 8(5), 534;doi:10.3390/electronics8050534, MDPI, (SCI Impact Factor: 2.397).
2. Mahendra Ram, Sushil Kumar, "Green Computing for Industrial Wireless Sensor Networks: Energy oriented Cross Layer Modelling", Recent Patents on Engineering, 2021,9(2), Vol. 15, No. 1;doi:10.2174/1872212115666210917093436, Bentham Science (Scopus).

Conferences

1. Mahendra Ram and Sushil Kumar, "Analytical Energy Consumption Model for MAC Protocols in Wireless Sensor Networks," International Conference on Signal Processing & Integrated Networks, DOI: 10.1109/SPIN.2014.6776994, SPIN-14, IEEE, 2014.
2. Mahendra Ram, Sushil Kumar et al., "Estimation of Energy Consumption in Wireless Sensor Networks Using Random Radius Clustering Technique," 1st International Conference on Networks and Cryptology (NetCrypt-2019).

CONFERENCE/WORKSHOP ATTENDED

- Organised two weeks Faculty Development Programme on "Challenges before the academia in the era of Gadgets, E-Communication & A.I. (Interdisciplinary)" from 15th -28th, December, 2018 organised by Mahatma Hansraj Faculty Development Centre, Hansraj College, University of Delhi.
- Presented a paper titled "Estimation of Energy Consumption in WSN using Random Radius Clustering Technique" in the 1st international conference on Networks and Cryptology organized by School of Computer and Systems Sciences, Jawaharlal Nehru University, New Delhi on 14th – 16th June, 2019.
- Participated in the Faculty Development Program on R Programming, 21st - 27th, February, 2018, at Maharaja Agarsen College, University of Delhi, Delhi.
- Participated in two day workshop "Emerging Challenges of Cyber Crimes in India at Jawaharlal Nehru University, New Delhi on 9th – 10th October, 2017.
- Participated in the state level seminar on "Mathematics and Its Applications" organized by the Department of Mathematics, Kamala Nehru College, University of Delhi, 4th, March, 2016.
- Participated in the AICTE recognized short term course on Network and Cyber Security conducted by Computer Science & Engineering Department from 27th June to 1st July, 2016 at SC&SS, JNU, New Delhi.
- Workshop on Free/Open Source Software 17th August, 2012, in Acharya Narendra Dev College (University of Delhi), New Delhi.
- "International Conference on Methods and Models in computer science(ICM2CS-2010)", School of Computer and Systems Sciences, JNU, New Delhi, 13th-14th December, 2010.
- "International Conference on Signal Processing & Integrated Networks", Amity School of Engineering & Technology, Amity University, 20th-21st February, 2014.

ACHIEVEMENTS

- UGC-JRF in Mathematics (All India rank 211).
- GATE in Mathematics (All India rank 1600).

SKILLS

- MS Office, MS Excel, WxMaxima, Mathematica and MatLab.

I hereby declare that all the above-mentioned information are given by myself and are true to the best of my knowledge.

Date:

Place:

(Mahendra Ram)
