

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 usin Random Radius Clustering Technique” in the 1st international conference on Networks and Cryptology organized by School of Computer and Systems Sciences , Jawaharlal Neharu 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 Neharu 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 Neharu 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 1th 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-21th 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)