

**Name:** Shiva Mehta

**Designation:** Assistant Professor

**Specialization:** Computer Science

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## **Education**

**M.Tech (2015) : Computer Science & Engineering Punjabi University, Patiala**

## **Professional Experience:**

Department of Computer Science, M.M. Modi College, Patiala, India (21 July, 2016 to till date)

## **Teaching Interests:**

- Operating System
- Theory of Computation
- Asp.Net
- Computer Network
- Python
- Computer Numerical And Statistical Methods
- C&C++ Programming Languages

## **Research Interest:**

Cloud Computing, MANET', Wireless Sensor Networks, Machine Learning, A.I.

## **Publications**

- "International Conference on Emerging Trends in Engineering and Technology and titled "Procreation of Hierarchical Routing Using AODV".
- "International Journal of Engineering Research in Computer Science and Engineering"(IJERCSE) Vol 2, Issue 8, August 2015 and titled "Procreation of Hierarchical Routing Using AODV".
- "International Journal of Engineering Technology and Computer Research (IJECTR) Vol 3; Issue 4; August – 2015; Page No. 199-204 and Titled "Conventional Hierarchical Routing Protocols in WSN".
- "Global Journal of Computer Science Research and Technology ISSN (online): 2349-0608 and titled "Performance Evaluation of AODV, DSDV and DSR Protocols in Wireless Sensors Networks".

## **Book/Book chapter**

- Programming in C (SHARMA PUBLICATION JALANDHAR).
- Introduction to Programming in C (SHARMA PUBLICATION JALANDHAR).

## **Workshops, Training and Webinars Courses**

1. Attended Technoquest Program at Multani Mal Modi College, Patiala. (7th Feb.2018).
2. Attended UGC Sponsored Faculty Development Program at Multani Mal Modi College, Patiala. (9-16 January, 2017)
3. Attended One Day National Seminar on Higher Education for development and role of teachers at G.S.S.D.G.S. Khalsa College, Patiala on 16<sup>th</sup> July, 2017.
4. Attended in 3 days Workshop on Android App Development and Artificial Intelligence at Multani Mal Modi College, Patiala from 13<sup>th</sup> to 15<sup>th</sup> November, 2019.
5. Attended IQAC Sponsored Faculty Development Program on Emerging Issues & Challenges in Higher Education at Multani Mal Modi College, Patiala. (17th-16th July, 2019).
6. Attended IQAC Sponsored Faculty Development Program on Contemporary Issues in Higher Education at Multani Mal Modi College, Patiala. (20th-26th July, 2018).
7. Attended Workshop on Wikipedia Translation at Multani Mal Modi College, Patiala from 3<sup>rd</sup> November, 2018.
8. Attended Workshop on Punjabi Sabhyachar at D.A.V. College, Bathinda from 3<sup>rd</sup> November, 2018.
9. Attended Online in One day Webinar on E-Learning /ICT Based Education on 24<sup>th</sup> May 2020 Organized by Jawaharlal Institute of technology Borawan(M.P.)
10. Attended Online in Two day Webinar on Music Based Education on 15<sup>th</sup> to 16<sup>th</sup> June 2020 Organized by Kashi Hindu University , Varanasi.
11. Attended Online in Seven day Webinar on 7 Days Online National Workshop on 7<sup>th</sup> to 13<sup>th</sup> June “Indian Classical Music: Traditional and Recent Teaching Patterns, Practice, Genre Multiformality, Aesthetics, Technology and Psychology. “Organized by KanoharLal P.G. Girls College, Meerut.
12. Attended Online in Two day Webinar on 5G Technology & its Application on 28<sup>th</sup> June 2020 Organized by Sri Vasvi Institute of Engineering &Technology, Nandamuru, Andhra Pradesh.
13. Attended Online in One Day Webinar on Quiz Based on ICT on 25<sup>th</sup> May 2020 Organized by D.A.V. College , Amritsar.
14. Attended Online in One Day Webinar on Java Programming on 29<sup>th</sup> May 2020 Organized by Sandip University, Nashik.
15. Attended Online in One Day Webinar on International Webinar on “Managing People’s Function in the World of Covid-19”, organized by Faculty of Social Work & Faculty of Management Studies, The Maharaja Sayajirao University of Baroda on 30th May, 2020.

16. Attended Online in One Day National Webinar on "Drug Abuse: Problems, Prevention and Management in Present Scenario" on 29th July,2020 organized by Department of Languages Under Buddy Project at S.D. KANYA MAHAVIDYALA, MANSA (Pb.)
17. Attended Online in One Day National Webinar on "Natural Language Processing: The State of Punjab Technology" on 28th July,2020 organized by Department of Languages Under Buddy Project at S.D. KANYA MAHAVIDYALA, MANSA (Pb.)
18. Attended online platform in "National Capability Enhancement Conference: Education for Meaningful Life Part-3" held on July 02, 2020 organized by PUNJAB COMMERCE &MANAGEMENT ASSOCIATION (P.C.M.A).
19. Attended Online Webinar in "Traditional teaching of Hindustani Music" held on June 04, 2020 organized by Department of Music, Panjab University, Chandigarh.
20. Attended Online Webinar in "Climate Resilient Cities" held on June 05, 2020 organized by Purdue University and The University of Texas At Austin.
21. Attended Online in Three Day National Webinar on "SwarSanskar-Riyaz in Indian Music" on 25<sup>th</sup> to 27th May, 2020 organized by The Maharaja Sayajirao University of Baroda, Vadodara.
22. Attended Online in Three Day National Webinar on "Virtual Classroom: A Necessity in Performing Arts Education " on 26<sup>th</sup> May, 2020 organized by The Maharaja Sayajirao University of Baroda, Vadodara.
23. Attended Online in Three Day National Webinar on "Bio-Diversity and Its Conservations " on 5<sup>th</sup> June, 2020 organized by The Maharaja Sayajirao University of Baroda, Vadodara
24. Attended UGC Sponsored 3rd National Conference On Innovation in Bioscience and technology (NCIBT-2020) on A.I and Biotechnology organized by Multani Mal Modi College, Patiala, Punjab.