Ridhima Sehgal

MCA

8 Years of Academic Experience

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I as a faculty, am very plenty devoted toward teaching and concept mastering. My vision is that scholars need to obtain important capabilities to be successful in the physical, intellectual, and social factors in their lives. Also, I make certain that the scholars can be able to efficiently use the abilities received to assist perceive and vehemently pursue any objectives in a practical manner.
I have Worked as an Assistant Professor in Computer Applications Department in reputed Institution in Amritsar.
During my tenure I honed and developed my capabilities of being capable of supply the full-size concern matter in the subject of computer science in an easy but meticulous manner and works closer to promoting wonderful behavior among the team of workers and students.

Areas of expertise (subjects handled):

- Programming in C, C++, JAVA, PYTHON, JavaScript.
- Data structures, Computer Networks. Software Engineering, Web development and Multimedia
- E-commerce, Internet and Web design, Computer Graphics, Web Services, Operating systems.
- DBMS, Cryptography and Network security, Data warehouse and Mining.
- SQL, Oracle and Visual Programming.

FDP & Conferences attended:

- Attended 5 days Virtual Faculty Development Programme on **MERN Stack Developer** at K.S Rangasamy College of Technology.
- Presented and participated at Harvard Medical School on **Mental Health Effects of Covid 19 Pandemic** on July 2020.
- Attended 5days Faculty Development Programme on **Transition to Data Science and its Opportunities in Industry** at Amity University (U.P).
- Attended 4 days National Level Faculty Development Programme on **IOT and Raspberry Pi** at Poornima Institute of Engineering and Technology, Jaipur.
- Attended 5days Faculty Development Programme on **Data Science and AI** at Mangalmay Institute of Engineering and Technology (U.P).
- Attended 3days National Level Faculty Development Programme on **Machine Learning using Python** at Poornima Institute of Engineering and Technology, Jaipur sponsored by Indian Society for Technical Education.

- Attended Webinar Session on **Technology Integration for Smart Environment** organized by C.B.M College, Coimbatore**.**
- Presented and participated in International Conference on Advances in Information Communication Technology and Computing (AICTC-2019) on **Drive into Future World Using Artificial Intelligence with its Application in Sensor based Car without Driver**.

Publications:

- I have published paper in International Journal on Future Revolution in Computer &Communication **(IJFRCSCE)** on September 2017. The paper entitled is **"Pool of IT Resources: Cloud Computing"** Volume 3, issue 9.
- I have published paper in International Journal on Future Revolution in Computer &Communication **(IJFRCSCE)** on August 2017. The paper entitled is **"Data Security Predicament in Cloud"** Volume 3, issue 8.
- I have published paper in **Springer** Journal on November 2019. The paper entitled is **"Drive into Future World Using Artificial Intelligence with its Application in Sensor based car without Driver ".**