

OBJECTIVE

To work in challenging environment with my abilities making differences and to grow with the organization.

EXPERIENCE

Working as an Assistant Professor in C.S.E Dept. in Faculty of Engineering & Technology, Gurukula Kangri University Haridwar from 31st July 2012 till date.

Worked as an Assistant Professor in C.S.E Dept. in College of Engineering, Roorkee from 5th August 2011 to 30th July 2012.

Worked as an Assistant Professor in C.S.E Dept. in Dehradun Institute of Technology, Dehradun from 23rd December 2008 to 4th August 2011.

Worked as an Assistant Professor in C.S.E Dept. in Dehradun Institute of Technology, Dehradun from 24th September 2007 to 18th July 2008.

EDUCATIONAL QUALIFICATIONS

1. M.Tech (Computer Science and Engineering) from Dehradun Institute of Technology, Dehradun in 2011.
2. B.Tech (Computer Science and Engineering) from Gurukul Kangri University, Haridwar 2007
3. XIIth from C.B.S.E. in 2003.
4. Xth from C.B.S.E. in 2001.

SUBJECTS TAUGHT

1. Fundamentals of Computer and Programming.
2. Data Structure.
3. Distributed System.
4. Software Project Management.
5. Software Engineering.
6. C Programming.

EXTRA ACTIVITIES

1. Member of **Technical Committee** of PEAS -2012, FET, GKV
2. Member of **Technical Committee** of ETES -2013, FET, GKV
3. **Associate Training Placement Officer** of C.S.E and I.T Department.
4. **Coordinator** of IT Department.
5. **Time Table Coordinator** for C.S.E and I.T Department.
6. In charge of **Departmental Library**.
7. Member of **Cultural Committee**.
8. Member of **Discipline Committee**.
9. Member of **Controller of Examination** Core Committee.
10. Represented DIT in number of **Education Fairs**.
11. Worked as **departmental coordinator** during **NBA** and **TCS Accreditation**.

12. Coordinated various **workshops** and **seminars** held in DIT.
13. Guided various project of student of final year.
14. Got the **best athlete** award in inter school games meet
15. Played Cricket for university (as captain).
16. Worked in **N.S.S** for 4 years.

SEMINARS and WORKSHOPS ATTENDED

1. Attended One week online ATAL FDP program on “**Academic leadership and management of technical education**” (17-05-2021 to 21-05-21).
2. Attended One week online on “Machine Learning Applications in Signal Processing and Wireless Networks” on December 20th-24th, 2021, organized by Department of Electronics and Communication Engineering, Delhi Technological University, Delhi, India.
3. Attended One week online ATAL FDP program on "Smart City Technologies" from 20/09/2021 to 24/09/2021 at Gurukul Kangri Vishwavidyalaya.
4. Attended online National Webinar on NAAC Accreditation organized by Department of Electronics and Communication Engineering of BIET, on 12-06-2021.
5. Attended One week online on "Deep Learning using Neural Network" from 08-11-2021 to 13-11-2021 organised by Veer Madho Singh Bhandari Uttarakhand Technical University.
6. Attended National workshop on **research methodology** of two weeks (14 Dec-2018 to 24 Dec -2018)
7. 3. Attended workshop of 3 days on ‘**DOT NET**’ at DIT Dehradun
8. Attended workshop of 2 days ‘**COMPUTER AWARENESS & IMPACT of IT on SOCIETY**’ at DIT Dehradun
9. Attended a short term program of 4 days on ‘**COMPUTER NETWORK**’ at IIT, Roorkee.
10. Attended a Faculty Development Program called ‘**MISSION 10X**’ by Wipro at COER, Roorkee.

PATENT

1. Indian patent no. 202111038380 published “IOT based smart irrigation system using smart sprinkler” 2021-22.
2. Indian patent no. 202111060354 published “ANN based system for handwritten digit recognition” 2021-22.
3. Indian patent no. 202111020438 published “End to End solution for loss luggage – Identification and searching” May 2021.
4. Indian patent no. 202111026981 published “Cloud Native Server Warranty Synchronization, Paperless and Ease of management for Common House Appliance V Laser Etched QR/BAR/Data Matrix” July 2021.

RESEARCH PAPERS

1. Sethi, P. S., Sathyanaryanan, V., Lakshmi, N., Tomar, R., & Fore, V. (2022). Method to Recommend the Investment Portfolio with the Mix of Various Schemes and Options Using Reinforcement Learning. In *Machine Intelligence and Data Science Applications* (pp. 789-804). Springer, Singapore.
2. Bhardwaj, P., Lohani, K., Singh, N., Fore, V., & Tomar, R. (2022). UCSP: A Framework to Tackle the Challenge of Dependency Chain in Cloud Forensics. In *Machine Intelligence and Data Science Applications* (pp. 621-637). Springer, Singapore..
3. Srivastava, R., Kumar, S., Fore, V., & Tomar, R. (2021, April). A Study of Five Models Based on Non-clinical Data for the Prediction of Diabetes Onset in Medically Under-Served Populations. In *International Conference on Advances in Computing and Data Sciences* (pp. 116-124). Springer, Cham.
4. Sankar Biswas, S., Sharma, H. K., Fore, V., & Kumari, S. (2020, February). UA Tracer: An Application to Record User Activities on Windows Operating System. In *5th International Conference on Next Generation Computing Technologies (NGCT-2019)*.
5. Chamoli, Sushant, Sumitra Sangwan, and Vivudh Fore. "Smart Home Automation using ESP8266 and Internet of Things." *5th International Conference on Next Generation Computing Technologies (NGCT-2019)*. 2020.
6. Sandeep Kumar, Manan Tyagi, Abhirup Khanna , Vivudh fore “ A survey of mobile computation offloading: applications , approaches and challenges” *International conference on Advances in Computing and Communication Engineering (ICACCE)* 2018.
7. Tomar, R., Khanna, A., Bansal, A., & Fore, V. (2018). An architectural view towards autonomic cloud computing. In *Data Engineering and Intelligent Computing* (pp. 573-582). Springer, Singapore.
8. Vivudh fore, Abhirup Khanna , Ravi tomar , Amit Mishra “Intelligent supply chain management system” *International conference on Advances in Computing and Communication Engineering (ICACCE)* 2016(pp-296-302)
9. Patni, J. C., Tomar, R., Fore, V., & Aswal, M. S. (2015, March). Deadlock free wormhole routing in a faulty torus networks. In *2015 2nd International Conference on Computing for Sustainable Global Development (INDIACom)* (pp. 1034-1039). IEEE.
10. Dumka, A., Mandoria, H. L., Fore, V., & Dumka, K. (2015, March). Implementation of QoS algorithm in integrated services (IntServ) MPLS network. In *2015 2nd International Conference on Computing for Sustainable Global Development (INDIACom)* (pp. 1048-1050). IEEE.
11. Paper presented on “Performance Measurement of RAID System (PSRS)”in national conference TSPC 2011 at BIT Muzaffarnagar.
12. Paper presented on “Performance Measurement of RAID System (PSRS)”in national conference TSPC 2011 at BIT Muzaffarnagar.