

## Bio sketch



**Faculty Name: Dr. Shailendra Tahilyani**

### **Areas of Interest:**

Wireless and Mobile Communication	Digital Integrated Circuits	Electronic Devices and Circuits
Data Communication and Networks	Analog Integrated Circuits	Digital Marketing
Electronics Switching Circuits	Genetic Algorithm	Analog Communications
Optical Fiber Communication	Digital Communications	Digital Electronics

### **Education**

1. **PhD- Doctorate in Electronics and Communication Engineering** from Babu Banarasi Das University, Lucknow in year 2016.
2. **M.Tech-Masters in Electronics and Telecommunication Engineering** from J.R.N Rajasthan Vidyapeeth University, Rajasthan (**AICTE-UGC Exam Qualified**) in year 2006 with 1st Division.
3. **B.E- Bachelors in Electronics Engineering** from Nagpur University, Nagpur in year 1999 with 1st Division.

### **Other Qualification:**

**IBM Certified E-Commerce Professional** from IBM Global Services Ltd. India in year 2000.

### **Academic/Industrial Experience:**

1. **Head Member -Admission Committee BBD Group, Lucknow** (April 2008-till date):  
This group has an overall strength of 20000+ students.
2. **Professor and Head-Department, BBDITM** of Electronics and Communication Engineering- October 1999 till date.
3. **Chief Coordinator-Administration BBD Group** August,2011 to June,2017.

## Patents

1. **International Patent** (Germany) published by: Dr. Shailendra Tahilyani Patents published Title: "Electronics Commerce Supply Chain Management System for Decorative Materials using Machine Learning" Application number: 202022106913.1. ( **Granted**)
2. **International Patent** (Germany) published by: Dr. Shailendra Tahilyani Patents published Title: "System for Intelligent Resource Management for Distributed Machine Learning Tasks" Application number: 202022104275.6. ( **Granted**)
3. **Patent published** by: Dr. Shailendra Tahilyani Patents published Title: "Solve Customer Problems In Seconds Through Chat box Using Machine Learning And Deep Learning" Application number: 202211042303
4. **Patent published** by: Dr. Shailendra Tahilyani Patents published Title: "Process To Improve The Consumer Buying Behaviour Towards Medicine" Application number: 202211042302

## Books Published

1. **Foundation of Information Technology**-ISSN/ISBN:8175154292
2. **Fundamentals of Computer Communication System**-ISSN/ISBN: 8185749221
3. **Fundamentals of Software Engineering**-ISSN/ISBN: 8188458562
4. **Operating Systems**-ISSN/ISBN: 8188114383

## Select Publications

1. **Shailendra Tahilyani** - Deployment of Autonomous Vehicles in Agricultural Land using Voronoi Partitioning, IEEE International Conference on Knowledge Engineering and Communication Systems ( ICECS-2022)
2. **Shailendra Tahilyani** - "Hybrid Solar Photovoltaic and Fuel Cell Power Sharing Using Feedback Controlled DC\DC Converters", , pp 219-233, Nov 2020, International Journal of Energy, Environment and Economics, Volume 26, Issue 3
3. **Shailendra Tahilyani**- Automatic Gate Controlling System, Journal of Emerging Technologies and Innovative research Vol. 9, No. 5, pp 44564 (2022) ISSN/ISBN: 2349-5162
4. **Shailendra Tahilyani**, Manuj Darbari- A New Multi-Agent Cognitive Network Model for Lane-By-Pass Approach in Urban Traffic Control System, International Review on Computers and Software (IRECOS) Vol. 7, No. 5, pp2179-2182 (Sept., 2012) ISSN/ISBN: 18286011
5. **Shailendra Tahilyani**, Manuj Darbari-a New Genetic Algorithm Based Lane-By-Pass Approach for Smooth Traffic Flow on Road Networks. International Journal of Advanced Research in Artificial Intelligence (IJARAI) Vol.1, No. 3, 2012. ISSN/ISBN: 21654050
6. **Shailendra Tahilyani**, Manuj Darbari- Soft Computing Approaches in Traffic Control System: A Review. ELSEVIER-AASRI Procedia 4(2013)206-11. ISSN/ISBN: 22126716

7. **Shailendra Tahilyani**, Manuj Darbari-Cognitive Framework for Intelligent Traffic Routing in Multi-Agent Environment SPRINGER-Advances in Intelligent Systems-2015 ISSN/ISBN:21945357

### **Consultancy**

1. Worked as consultant UP Police in their modernization Project.
2. Worked as consultant In Army Cantonment Board, Lucknow for academic guidance.

### **Association and Memberships:**

- a. **Member Purchase Committee at BBD Group, Lucknow** during my tenure I have established 70 Labs in the campus from the year Nov,1999 till Nov,2015 covering different streams of Engineering.
- b. **Coordinated** programs organized in the Campus including Workshops, Faculty Development Programs and student activities.
- c. **Coordinated** inspections of NBA, AICTE and UGC.
- d. **Convener UTKARSH** a mega techno cultural event having a participation of more than 20000+ students from more than 100 colleges and Universities.
- e. **Member IEEE.**

### **Achievements:**

1. Awarded 'Edu Icons' Award from Hon'ble Deputy CM of Uttar Pradesh in the field of Education.
2. Appointed as a Judge in district level science exhibition under Government of India's "Samagra Shiksha Abhiyan"
3. Record Video Lectures for Dr. APJ Abdul Kalam Technical University under MHRD Scheme to be telecasted on Swayam-prabha (Doordarshan)
4. Delivered lectures in NICSM, Ministry of AYUSH, Government of India.