

## OBJECTIVE: -

To Work in a highly growth oriented and potential organization under a challenging environment. To utilize my Technical knowledge in an organization that gives an opportunity for the consistent growth and also to contribute the best for achievement of the organizational goals.

## STARTUP : -

- **Vikretag Private Limited**
- **Innovation House Technologies Private Limited**

## PATENT DETAILS: -

- Prof. Ashish Verma , Prof. Aruna Tiwari , Dr. Neetesh kumar , Mr. Sanjay Patidar , **Mr. Upendra Singh**, “**A Smart Road Asset Management System And Method Thereof**”, Application Number: 202041057251, Publication Date: 07-01-2022. [Collaboration with IISc Bengaluru, IITL, IITR,DTU Delhi ]
- **Mr. Upendra Singh**, Mrs. Puja Gupta “**A System For Automatic Segregation of Waste Materials**”, Application Number: 202211007498, Publication Date: 11-03-2022.
- **Mr. Upendra Singh**, Mrs. Puja Gupta “**Automatic Guidance System For Blind Community**”, Application Number: 2021105880, Publication Date: 19-08-2021.
- **Mr. Upendra Singh**, Mr. Mukul Shukla, Prof. Sunita Verma, Mrs. Puja Gupta “**An Intelligent System To Detect Covid-19 Protocols**”, Application Number: 202021054173, Publication Date: 15-01-2021.
- **Mr. Upendra Singh**, Mr. Mukul Shukla, Prof. Sunita Verma, Dr. Lalit Purohit, Mr. Manjeet Kumar Soni, Mr. Ashish Kumar Jain, Mr. Neeraj Arya, Mr. Chandra Pratap Mandloi, Mr. Ravi Yadav, Mr. Shani Pratap Singh, “**A Smart Helmet**”, Application Number: 202021008333, Publication Date: 06/03/2020.
- **Mr. Upendra Singh**, Mr. Mukul Shukla, Prof. Sunita Verma, Mrs. Puja Gupta “**A System for Detection and Tracking of Suspicious Persons in Crowd**”, Application Number: 202021021517, Publication Date: 26/06/2020.
- **Mr. Upendra Singh**, “**A System and Method for Detecting Malicious Activities in Computing Network**”, Application Number: 202021016998, Publication Date: 05/06/2020.
- **Mr. Upendra Singh**, Mr. Mukul Shukla, Dr. Lalit Purohit “**A Smart Vehicle**”, Application Number: 202021030229, Publication Date: 21/08/2020.
- Dr. Neetesh kumar , Mr. Sanjay Patidar, **Mr. Upendra Singh** “**Smart Autonomous Weed Detector and Removal**”, Application Number: 202011028931, Publication Date: 07/07/2020. [Collaboration with IITR,DTU Delhi ]
- **Mr. Upendra Singh**, “**IOT – AI/ML Based Vehicle Direction-Assistance System**”, Application Number: 202011032591, Publication Date: 09/10/2020.

## SCIE RESEARCH PAPER: -

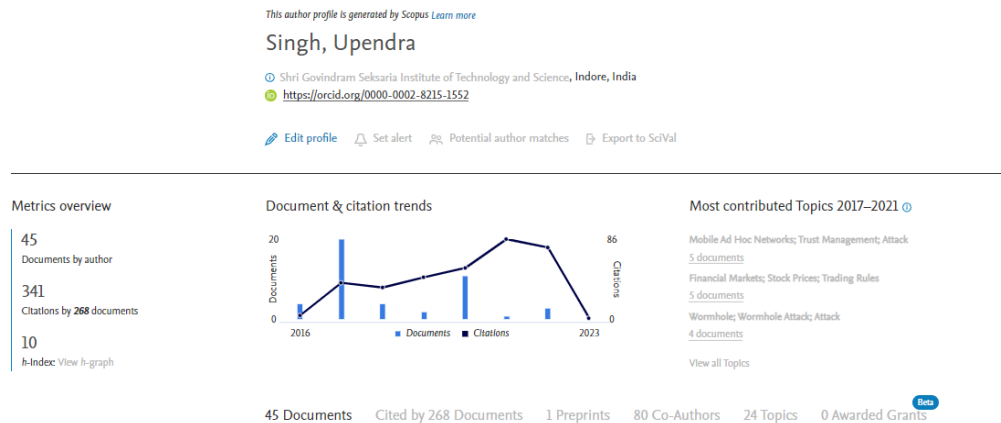
- **Singh, Upendra** and Gupta, Puja. ‘Activity Detection and Counting People Using mask-RCNN with Bidirectional ConvLSTM’. Journal of Intelligent & Fuzzy Systems, vol. Pre-press, no. Pre-press, pp. 1-16, 2022.
- Shukla M, Joshi BK, **Singh U**. Mitigate Wormhole Attack and Blackhole Attack Using Elliptic Curve Cryptography in MANET. Wirel Pers Commun. 2021;121(1):503-526. doi: 10.1007/s11277-021-08647-1. Epub 2021 Jun 28. PMID: 34219973; PMCID: PMC8237045.

## RESEARCH PAPER CITATIONS ON GOOGLE SCHOLAR: -

	All	Since 2015
Citations	1041	1018
h-index	18	18
i10-index	32	31

<https://scholar.google.com/citations?user=RCxNLyIAAAAJ&hl=en>

## RESEARCH PAPER CITATIONS ON SCOPUS: -



<https://www.scopus.com/authid/detail.uri?authorId=54785303500>

## WEB OF SCIENCE RESEARCH PAPER REVIEWER SUMMARY: -

- <https://publons.com/wos-op/researcher/AFT-2160-2022/>
- Web of Science ResearcherID: AFT-2160-2022

### REVIEWER SUMMARY

(14) International Journal of Communicati...	WOS	(2) IEEE Access	WOS
(1) Concurrency and Computation: Practic...	WOS	(1) The Journal of Supercomputing	WOS
(1) CAAI Transactions on Intelligence Tech...	WOS	(1) IETE Journal of Research	WOS
(1) Information Security Journal	WOS	(1) International Journal of Distributed Sen...	WOS

## ACADEMIC EXPERIENCE: -

- Currently working as an Assistant Professor (IT) **SGSITS College, Indore**. <http://www.sgsits.ac.in/it-faculties> [July - 2019- Present].
- One year Worked as a Visiting on **IMS DAVV College Indore (PHP, Java)** [July - 2018- May-2019].
- One year Worked as a Visiting on **IET DAVV College Indore (Java)** [July– 2016- April-2017].
- Expert Lecturer in Govt. Women's Polytechnic College-Indore (**Machine Learning**) [November-2017].
- One year Worked as a Lab Technician in IET DAVV [June-2010-June-2011].

## INDUSTRIAL EXPERIENCE: -

- Currently I am working from 10<sup>th</sup> September 2016 to till date in TechbeansSolution Indore as a Java, Python and R Developer. <http://techbeanssolution.in/>
- Placed on Spectrum Planning Service Company in College Placement drive from SGSITS Indore.

## PROJECT WORK: -

<b>Project 1</b>	<b>Prevention of Black Hole Attack in AODV Routing Algorithm of MANET Using Trust Based Computing. [B. Tech]</b>
<b>Description</b>	This project works for securing the MANET from black-hole attack of routing using Trust-Based Computing.
<b>Technology</b>	Network Simulator V 2.0
<b>Team Size</b>	4 (Names: - Om Gehlot, Ayush Khandelwal, Sushma Singh & me).
<b>Project 2</b>	<b>Hostel Management System and E Attendees [B. Tech]</b>
<b>Description</b>	The project provides information about Hostels across cities & all the personnel information related to the hostels.
<b>Technology</b>	JSP, Servlet, JDBC, HTML 5, CSS3 and Java Script.
<b>Database</b>	Oracle.
<b>Project 3</b>	<b>Online Examination System, School Management, Safai.com, Online Food Order, Online Hostel Booking and International Conference Website. [B. Tech]</b>
<b>Description</b>	The project provides information about On-line Examination.
<b>Technology , Database</b>	JSP, CSS and PHP, MySQL

## ACADEMIC QUALIFICATION: -

- Pursuing Ph.D. (CSE) from Dr. A.P.J. Abdul Kalam University, Indore. [ **2019- Present** ]
- Completed M. Tech (CSE) from P.C.S.T. College Indore (M.P.) (Affiliated by R.G.P.V. University Bhopal) with **8.1** (CGPA). [ **2014-2017** ]
- Completed B.E. (IT) from Gov. **S.G.S.I.T.S. College** Indore (M.P.) (Affiliated by R.G.P.V. University Bhopal) with **74.77 %**. [ **2010-2014** ]
- Completed Polytechnic (CSE) from **Shri Vaishnav Polytechnic College** Indore (M.P.) (R.G.P.V. University, Bhopal) with **79.90%**. [ **2007-2010** ]
- Completed Higher Secondary from Govt. Martand H.S. Excellence School No. 1 Rewa (Affiliated by M.P. Board Bhopal) with **77.11%**. [ **2005** ]
- Completed High School from Govt. Martand H.S. Excellence School No. 1 Rewa (Affiliated by M.P. Board Bhopal) with **75.80%**. [ **2003** ]

## TECHNICAL SKILLS: -

- **Programming Languages**– Full Stack Developer, Python, R Language, PHP, Core Java, JDBC, JSP, Servlet, Java Script, CSS-3, HTML-5, Bootstrap, TCL, C and C++.
- **Database** – Oracle, MySQL, PostgreSQL and MS Access.
- **Simulator**– NS2, NS3, MATLA and CloudSim.
- **Modeling Tool**: UPPAL, CPN and SPIN.

## EXTRA CO-CURRICULAR ACTIVITIES: -

- Former Member of Computer Society of India.
- Attended Ethical Hacking Workshop at IIT Bombay.
- Worked as a Vice-Secretary in Annual Function in Shri Vaishnav Polytechnic College Indore (2009-2010).

**TRAINING AND CERTIFICATION COURSES: -**

- 3 Week Training in NHDC LIMITED Power Plant Omkareshwar.

**PERSONAL PROFILE: -**

Father's Name	-	Mr. Baboolal Singh
Mother's Name	-	Mrs. Sunita Singh
Date of Birth	-	17 Aug, 1987
Language	-	Hindi & English
Nationality	-	Indian
Marital Status	-	Married
Strengths	-	Leadership, Optimism, Self-Motivation and Hard Worker.
Hobbies	-	Cooking and Gardening.
Permanent Address	-	1, Village – Rehunta; Post – Gadhwakala; ehsil – Kotar, Satna (M.P.) Pin - 485001.
Contact Address	-	1, Khandwa Naka Khandwa Roads Indore; Pin – 452001.
Height	-	5-Foot 6 Inches

**DECLARATION: -**

I hereby declare that all the information provided above is correct up to my knowledge and belief.

**Date: 21/09/2022**

**Place: INDORE**

**(UPENDRA SINGH)**