

# CV

## Objective:

*To be placed in an Engineering University in which I can use my more than 40 years of teaching, research and leadership qualities to the upliftment of the University and personal growth*

## I. Personal Details:

Name (in Block Letters): **SUSHIL KUMAR AZAD**

Father's Name: **GOBIND RAM AZAD**

Mother's Name: **SHANTI DEVI**

Date and Place of Birth: **11-06-1958, DELHI**

Sex: **MALE**

Marital Status: **MARRIED**

Nationality: **INDIAN**

Current Designation: **PROFESSOR**

Category (SC/ST/OBC/PWD/General): **GENERAL**

Address for Correspondence (with Pin code):

**HOUSE NO. 3151, SECTOR- 57,  
GURUGRAM-122003, HARYANA  
Telephone No.: -- 0124-4259085  
Mobile No.: 9711234705**

Permanent Address (with Pin code), in case different from Sl. No. 11:

**- SAME AS ABOVE-**

## II. Academic Qualifications:

Examination	Name of Exam	University	Year of Passing	Percentage of Marks obtained	Division/Class/Grade	Main Subjects
Graduation	<b>B.Sc.(Hons)</b>	<b>University of Delhi</b>	<b>1977</b>	<b>69.5</b>	<b>I</b>	<b>Mathematics</b>
Post-Graduation	<b>M.Sc.</b>	<b>University of Delhi</b>	<b>1979</b>	<b>5.3 GPA(out of Six)/"A"grade/89.83%</b>	<b>I</b>	<b>Mathematics</b>
<b>Research Degree(s)</b>	<b>M.Phil.</b>	<b>University of Delhi</b>		<b>6.60 GPA(out of Seven grades)/76%</b>	<b>I</b>	<b>Mathematics</b>  (Thesis Title:  "Some Characterizations of Banach Algebras as Group Algebras and Measure Algebras")
	<b>Ph.D.</b>	<b>University of Delhi</b>	<b>2014</b>	<b>--</b>	<b>--</b>	<b>Computer Science</b>  Thesis Title:  <b>Data Hiding in Digital Images using Steganography</b>
Other Examinations, if any	<b>M.Tech</b>	<b>University of Delhi</b>	<b>1991</b>	<b>77.45</b>	<b>I</b>	<b>Computer Science</b>

### Field of Specialization under the Subject/Discipline:

INFORMATION HIDING /DATA HIDING

**Teaching Experience: 42 years** at University of Delhi; Delhi Technological University, Delhi; and Netaji Subhash University of Technology, Dwarka, New Delhi

**Courses Taught:** Computer Science and Mathematics at Graduate and Postgraduate levels. Some of the subjects taught are: *Advanced Computer Architecture; Parallel Computing; Theory of Computations; Advanced Data Structure; Discrete Mathematics and Design of Algorithms; Computer Graphics; C/C++ Programming language; Metric Spaces; Group Theory; Probability Theory and Statistics*

### III. Details of Refresher workshop /Faculty Development Program:

S. No.	Details	Place	Period		Year	Sponsoring/Organising Agency
			From	To		
1	Three weeks refresher course	University of Delhi, Delhi	April 08	April 30	1992	CPDHE, University of Delhi
2.	Three weeks refresher course	University of Delhi, Delhi	June 09	June 28	1997	CPDHE, University of Delhi
3.	Two weeks online Faculty Development Programme on "Machine Learning for Computer Vision" jointly organized by Electronics and ICT Academies	NSUT, New Delhi	June 29	July 8	2020	Ministry of Electronics and Information Technology (MeitY), Government of India.
4.	Workshop on "Microprocessors and applications"	DCE, Delhi	November 27	December, 01	1995	Department of Electronics and Communication Engineering, DCE
5.	Instructional Workshop on "Fractal Geometry and	Delhi	October 04	October, 08	2004	Department of Mathematics, University of Delhi

	<b>Non- linear Dynamical Systems"</b>					
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<b>6.</b>	<b>Workshop on "Decision Making under Uncertainty"</b>	<b>Bengaluru</b>	<b>Feb. 17</b>	<b>Feb., 18</b>	<b>2017</b>	<b>Christ University, Bengaluru</b>
<b>7.</b>	<b>Faculty Development programme on "Python Language"</b>	<b>New Delhi</b>	<b>June 23</b>	<b>June, 29</b>	<b>2020</b>	<b>Department of Computer Science and Engineering, Bhagwan Parshuram Institute of Technology, New Delhi and Spoken Tutorial, IIT Bombay</b>
<b>8.</b>	<b>Workshop on "Number Theory and Related areas in Cryptology</b>	<b>New Delhi</b>	<b>Febru ary, 12</b>	<b>Februa ry, 14</b>	<b>2012</b>	<b>ISI, New Delhi</b>
<b>9.</b>	<b>Course on "Artificial Intelligence and Machine Learning using Python</b>	<b>New Delhi</b>	<b>June, 17</b>	<b>June, 18</b>	<b>2019</b>	<b>NSUT, New Delhi</b>
<b>10.</b>	<b>Workshop on "R- software"</b>	<b>New Delhi</b>	<b>Janua ry, 15</b>	<b>Januar y, 15</b>	<b>2019</b>	<b>JDM College, New Delhi</b>
<b>11.</b>	<b>National Workshop on "Groups &amp; Geometry"</b>	<b>New Delhi</b>	<b>Augu st, 02</b>	<b>August , 03</b>	<b>2019</b>	<b>SPM College, New Delhi</b>

**IV. Contribution towards development of e-content/MOOCs in 4-quadrants:**

S.No.	Details of E-contents/MOOCs in 4-quadrants	Quadrants developed	No. of Modules	Course	Sponsoring Agency	Year	Level (UG/PG/Other)
<b>1.</b>	<b>Computer based statistical and numerical method</b>		<b>12</b>	<b>Mathematics for Engineering</b>	<b>NIELIT, Govt. Of India</b>	<b>2013-2014</b>	<b>PG</b>
<b>2.</b>	<b>Discrete Structure</b>		<b>09</b>	<b>Mathematics for Engineering</b>	<b>NIELIT, Govt. Of India</b>	<b>2013-2014</b>	<b>PG</b>
<b>3.</b>	<b>CBSE curriculum-Senior Class-XII</b>		<b>09</b>	<b>Mathematics</b>	<b>CBSE-International</b>	<b>2012-2013</b>	<b>Other</b>
<b>4.</b>	<b>CBSE curriculum-Senior Class-XI</b>		<b>10</b>	<b>Mathematics</b>	<b>CBSE-International</b>	<b>2012-2013</b>	<b>Other</b>

## V. Teaching experience:

Name of the Institution	Position held with pay scale/Pay Band with Grade pay	Only Ad-hoc/Temporary/Permanent	From	To	Total Experience (as on .....)		
					Years	Months	Days
<b>Rajdhani College</b>	<b>Associate Professor,  PB 37400-67000-9000 GP</b>	<b>Permanent</b>	<b>September 17, 1985</b>	<b>Till date</b>	<b>36</b>	<b>4</b>	<b>0</b>
<b>St.Stephen's College</b>	<b>Lecturer,  Rs. 780-1600</b>	<b>Temporary</b>	<b>September 03, 1983</b>	<b>September 16, 1985</b>	<b>2</b>	<b>-</b>	<b>14</b>
<b>Ramjas College</b>	<b>Lecturer,  Rs. 740-1600</b>	<b>Temporary</b>	<b>August 04, 1981</b>	<b>September 03, 1981</b>	<b>1</b>	<b>1</b>	
<b>Hansraj Collere</b>	<b>Lecturer,  Rs. 700-1600</b>	<b>Temporary</b>	<b>July 24, 1980</b>	<b>August 03, 1981</b>	<b>1</b>	<b>-</b>	<b>10</b>

## **VI. Administrative responsibilities:**

S. No	Nature of Activity	Designation	Institution/Department	Period	
				From	To
<b>1.</b>	<b>Governing Body</b>	<b>Teacher Representative</b>	<b>Rajdhani College</b>	<b>October, 2017</b>	<b>September, 2018</b>
<b>2.</b>	<b>Building sub-committee, Governing Body</b>	<b>Member</b>	<b>Rajdhani College</b>	<b>June, 2016</b>	<b>May, 2017</b>
<b>3.</b>	<b>Staff Council</b>	<b>Secretary</b>	<b>Rajdhani College</b>	<b>April, 2012</b>	<b>March, 2013</b>
<b>4.</b>	<b>Planning Committee</b>	<b>Co-ordinator</b>	<b>Rajdhani College</b>	<b>April, 2012</b>	<b>March, 2013</b>
<b>5.</b>	<b>Admission Committee</b>	<b>Co-ordinator</b>	<b>Rajdhani College</b>	<b>April, 2012</b>	<b>March, 2013</b>
<b>6.</b>	<b>Time Table Committee</b>	<b>Convenor</b>	<b>Rajdhani College</b>	<b>April, 2009</b>	<b>March, 2010</b>
<b>7.</b>	<b>Department</b>	<b>Teacher In-Charge</b>	<b>Rajdhani College</b>	<b>June, 2008</b> <b>July, 2020</b>	<b>May, 2009</b> <b>June, 2022</b>

**VII. Student related co-curricular, extension and field based activities**

S. No	Nature of Activity	Level (PG/ UG)	Institution/Department	Period	
				From	To
<b>1</b>	<b>Mathematical Society, organizing number of academic events</b>	<b>UG</b>	<b>Department of Mathematics, Rajdhani College</b>	<b>1992 1998 2002 2010 2014</b>	<b>1996 2001 2004 2012 2018</b>
<b>2.</b>	<b>Campus Beautification committee</b>	<b>UG</b>	<b>Rajdhani College</b>	<b>April, 2016 2021</b>	<b>March, 2017 2022</b>
<b>3.</b>	<b>Photography Society</b>	<b>UG</b>	<b>Rajdhani College</b>	<b>April, 2018</b>	<b>March, 2019</b>
<b>4.</b>	<b>Sports Committee</b>	<b>UG</b>	<b>Rajdhani College</b>	<b>April, 2016</b>	<b>March, 2017</b>
<b>5.</b>	<b>Magazine Committee</b>	<b>UG</b>	<b>Rajdhani College</b>	<b>April, 2011</b>	<b>March, 2012</b>
<b>6.</b>	<b>Proctorial Committee</b>	<b>UG</b>	<b>Rajdhani College</b>	<b>April, 2013</b>	<b>March, 2014</b>



7.	Cultural Committee	UG	Rajdhani College	April, 1998	March, 1999
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### VIII. Published Research Papers in Referred/Peer-Reviewed or UGC listed Journals:

S.No.	Title of the Paper	Journal Name	Year	Vol. No.	Page No.	ISSN No.	Impact Factor	Scopus Indexed	Authorship	Reference number of UGC-CARE List
1.	Fuzzy Almost Continuity and its pointwise characterization by dual points and fuzzy sets	Fuzzy sets and systems	1990	34	81-101	0165-0114	between 2 and 5	Yes	Joint	Scopus indexed
2.	Robust and Secure image steganography based on Matrix Embedding	International Journal of Electronic Security and Digital Forensics	2014	3	219-240	1751-9128	Less than 1	Yes	Corresponding Author	Peer-reviewed, UGC listed Before 8 <sup>th</sup> May, 2018
3.	Self-synchronizing Image Steganography algorithms based on Error-Correcting Codes	International Journal of Electronic Security and Digital Forensics	2013	5, 3/4	297-310	1751-9128	Less than 1	Yes	Corresponding Author	Peer-reviewed, UGC listed Before 8 <sup>th</sup> May, 2018

4.	Performance analysis of Image Steganography Schemes based on different Transform Domains	International Journal of Management, Technology And Engineering	2018	8	2810-2828	2249-7455	--	Yes	Single	Peer – reviewed, UGC listed  Before 8 <sup>th</sup> May, 2018
5.	Video steganography Technique in Uncompressed Raw Domain based on Transform Domain and using SSVLCs	IEEE Explore	10 Feb , 2020	--	- -	--	--	Yes	Single	Peer-reviewed
6.	A Robust Source coding Watermark technique based on magnitude DFT decomposition	BVICAM's International Journal of Information Technology	2012	3	29-33	0973-5658 /	Less than 1	Yes	Corresponding Author	Scopus Indexed , UGC care listed
7.	Data Hiding in JPEG images	BVICAM's International Journal of Information Technology	2009	1	13-16	0973-5658 /	Less than 1	Yes	Corresponding Author	Scopus Indexed , UGC care listed
8.	Robust Source coding Steganographic technique using Wavelet Transforms	BVICAM's International Journal of Information	2009	1,2	7-12	0973-5658 /	Less than 1	Yes	Corresponding Author	Scopus Indexed , UGC care listed

		Technology								
9.	A Reversible Image steganography based on Journal of Slantlet Transform	BVICAM's International Journal of Information Technology	2013	6, 1	556-562	0973-5658 /	Less than 1	Yes	Corresponding Author	Scopus Indexed , UGC care listed
10.	Secured Steganographic technique based on Syndrome Embedding with Hamming codes using SSVLCs	International Journal of Innovations and advancement in Computer Science (IJIACS)	2017	6, 11	76-83	2347-8616	--	Yes	Single Author	Peer-reviewed
11.	A comparative study of Image algorithms in Wavelet domain	International Journal of Computer Science and Mobile Computing (IJCSMC)	2013	2	91-101	2320-088x	---	---	Corresponding Author	Peer-reviewed
12.	A Study of High Embedding Rate Steganography algorithm for color images using Complex Wavelet Transforms	International Journal of Computer Science and Mobile Computing (IJCSMC)	2016	5, 10	26-37	2320-088x	---	---	Corresponding Author	Peer-reviewed

13.	A TQWT based approach for Image Steganography	Mathematical Sciences International Research Journal	2017	6, 1	184 - 187	2278 - 8697	--	--	Single Author	Peer-reviewed
14.	Perceptible(lossless or distortionless) Reversible companding technique based on Haar and cdf9/7 Wavelets	Mathematical Sciences International Research Journal	2017	6, 1	192 - 197	2278 - 8697	--	--	Single Author	Peer-reviewed
15.	Image De-noising using Wavelet- like Transform	International Journal of Advance Research and Innovation (IJARI)	2017	5, 1	70-72	2347 - 3258	--	--	Single Author	Peer-reviewed
16.	A Perceptual Reversible Data Hiding in Transform Domain	International Journal of Advanced Information Science and Technology (IJAIST)	2015	4, 6	84-93	2319 - 2682	--	--	Single Author	Peer-reviewed
17.	Steganography based on Contourlet Transform	International Journal of Computer Science and Information Security	2011	9,6	215 - 220	1947 - 5500	---	---	Corresponding Author	SCI indexing

		(IJCSIS)								
18.	A comparative study of transform based secure image steganography	International Journal of Computer and Communication Engineering (IJCCE)	2015	4, 2	107 - 116	2010 - 3743	--	--	Single Author	Peer-reviewed
19.	Image steganography based on wavelet families	Journal of Computer Engineering and Information Technology, (JCEIT)	2013	2, 2	1-9	2324 - 9307	---	---	Corresponding Author	Peer-reviewed
20.	Data Hiding using Slantlet Fusion Method and T- Codes	Journal of Information, Communication and Intellignets (JICIS)	2017	3, 1	1-8	2413 - 6999	--	--	Single Author	Peer-reviewed
21.	A multi-layer secure, robust	World of Computer Science and Information	2011	30, 30	45-52	2221 - 0741	---	---	Corresponding Author	Peer-reviewed

	<b>and high capacity image steganographic algorithm</b>	<b>n Technology Journal (WCSIT)</b>								
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## IX. Publications (other than Research papers)

a.(i) Books authored as one of two authors! First/Principal/Corresponding Author/ Joint Author

S.No .	Title of the Book	Editorship *	Level of Publisher (National/International)	Publisher (with city/country & year of Publication)	ISBN	Whether Refereed
1.	<b>Computer Fundamental and Software</b>	<b>Sole Author</b>	<b>National</b>	<b>Sultan Chand &amp; Sons, New Delhi 1996</b>	<b>81-7014-168-0</b>	<b>Yes</b>
2.	<b>Scientific and statistical computing with Fortran 77</b>	<b>Sole Author</b>	<b>National</b>	<b>Sultan Chand &amp; Sons, New Delhi 1999</b>	<b>81-7014-536-8</b>	<b>Yes</b>
3.	<b>Theory of Computations " An introduction to Automata and Formal Languages</b>	<b>Sole Author</b>	<b>National</b>	<b>Dhanpat Rai &amp; Sons, New Delhi, 2005</b>	<b>978 - 81-7700-240-9</b>	<b>Yes</b>

a.(ii) Chapter in Edited Books

S.No.	Title of Edited Book	Title of Chapter	Authorship*	Publisher (with city/country & year of Publication)	ISBN	Whether Refereed

1	Proceeding of International Conference on Multimedia Information Networking & Security (Mines 2009), Wuhan, China	Distortionless Data Hiding based on Slantlet Transform	Corresponding Author	IEEE Explore, 2009	978-0-7695-2348-X	Yes
2	Proceeding of International conference on Methods and Models in Computer Science author/supervisor/(IC M2CS), IEEE Explore, JNU, New Delhi	Secure Image Steganography on Slantlet Transform	Corresponding Author	IEEE Explore, 2009	978-1-4244-5051-0	Yes
3	Proceeding of IndiaCom 2007, Bharati Vidyapeeth's Institute of Computer Applications and Management, New Delhi	Robust steganography using T-codes	Corresponding Author	Bhartiya Vidyapeeth's Institute of Computer Applications and Management, New Delhi, 2007	978:81-904526-0-1	Yes
4	Proceeding of International Conference on Strategy Innovation & Technology (ICSIT2014), Ansal University	Image Steganography based on Discrete Chebychev Transform	Single Author	Ansal University, Gurugram, Haryana, 2014	978-93-5062-372-5	Yes
5	Proceeding of IndiaCom 2007, Bharati Vidyapeeth's Institute of Computer Applications and Management, New Delhi	Image based Steganography with high payload	Corresponding Author	Bhartiya Vidyapeeth's Institute of Computer Applications and Management, New Delhi, 2009	978:81-904526-6-3	Yes

6.	Proceeding of	Image Steganography Using Self-Synchronizing Codes	Corresponding Author	MacMillan India Ltd	10-0230-63401- X	Yes
7.	Proceeding of IndiaCom 2010,	An Overview on Wavelet- like Transforms in Image Data Hiding	Corresponding Author	Bharati Vidyapeeth's Institute of Computer Applications and Management, New Delhi 2010	978-81-904526- 9-4	Yes
8.	IEEE@computer society	Data Hiding techniques based on Wavelet-like Transform and Complex Wavelet Transform	Corresponding Author	2009	978-0-7695-4196-9	Yes
9.	IEEEExplore	Image Steganography based on Complex Double Dual Tree Wavelet Transform	Corresponding Author	2010	978-0-7695-4258-4	Yes



## X. Awards/Fellowship

S.No.	Name of Award/Honor*	Area / Subject	Name of Awarding Body	Level (International /National)	Date
1.	<b>Mukarji Ram Behari Mathematics Award</b>	<b>Mathematics</b>	<b>St. Stephen's College, University of Delhi</b>	<b>National</b>	<b>1979-06-21</b>
2.	<b>Cross Migration scheme for M.Tech. in Computer Science/Engineering</b>	<b>Computer Science</b>	<b>Government of India, Department of Electronics, New Delhi</b>	<b>National</b>	<b>1989-10-01</b>

## XI. Invited lectures / paper presentation in seminars/Conferences

S.No.	Title of Lecture/Paper	Invited Lecture/Resource Person/Paper presented	Nature of Programme *	Details	Level *	Date of presentation	Duration (in minutes)	Sponsoring Agency
0.	<b>Introduction to the theory of Machine Learning</b>	<b>Invited Lecture</b>	<b>FDP, Bharatiya Vidyapeeth College of Engineering, Delhi</b>	<b>26<sup>th</sup> July, 2021-31<sup>st</sup> July, 2021</b>	<b>National</b>	<b>26<sup>th</sup> July, 2021</b>	<b>120</b>	<b>Techshuttle, Hack Club, BVP</b>
1.	<b>Reversible Image Steganography</b>	<b>Invited Lecture</b>	<b>International conference on Advances in Mathematics &amp; Engineering Sciences 2017, IMRF Chandigarh Chapter, Chandigarh, India</b>		<b>International (within country)</b>	<b>2017-04-27</b>	<b>30</b>	<b>IMRF</b>
2.	<b>Data Hiding, Forensics and anti- forensics</b>	<b>Invited Lecture</b>	<b>One day Workshop, IEC, Greater Noida, U.P., India</b>		<b>State/University</b>	<b>2014-08-09</b>	<b>90</b>	<b>IEC, Greater Noida, U.P., India</b>

3.	Data Compression	Invited Lecture	UGC-ASC, 3 weeks Refresher course,		State/University	2014-06-13	180	BPS  Mahila Vishwavidyalaya, sonipat, Haryana, India
4.	Image Transforms	Invited Lecture	One day National Workshop, SGO, DRDO, Delhi		National	2008-07-09	60	SGO, DRDO, Delhi
5.	Distortionless Data Hiding based on  Slantlet Transform	Paper Presented	International Conference on Multimedia  Information Networking & Security ( Mines 2009),  Wuhan, China		International  (Abroad)	2009-11-18	30	Wuhan University, China
6.	A comparative study of transform based  secure image steganography	Paper Presented	International Conference on Communication and  Network Security (ICCNS 2014), Milan, Italy,  Published in IJCCE, San Bernardino, CA 92405		International  (Abroad)	2014-11-20	30	
7.	Video steganography in wavelet- like  transform domain	Paper Presented	International conference on Mathematics Physics  & Allied Sciences-2016,		International  (within country)	016-03-05	20	Carmel College, Nuvem, Goa, India
8.	Self-Synchronizing Variable Length  Codes: T- Codes	Paper Presented	International Conference of Advance Research  and Innovation (ICARI- 2017), New Delhi		International  (within country)	2017-01-29	20	

9.	Secured Steganographic technique based on Syndrome Embedding with Hamming codes using SSVLCs	Paper Presented	4th International conference on Science, technology & Management, Nov. 12, 2017, Pune, Maharashtra		International (within country)	2017-11-12	20	
10.	Secure Image Steganography on Slantlet Transform	Paper Presented	International conference on Methods and Models in Computer Science (ICM2CS), IEEE Explore,		International (within country)	2009-12-15	20	JNU, New Delhi
11.	Pre-flipping Matrix encoding based Image Steganography algorithm	Paper Presented	International conference on Mathematics & Computer Science 2016, Coimbatore, TN, India		International (within country)	2016-12-17	20	IMRF
12.	Opportunities, Challenges and recent trends of Cloud Computing	Paper Presented	EINBLICK- Research paper competition, Confluence' 2010- The next generation Information Technology summit,		International (within country)	2010-01-23	30	Amity school of Engineering and Technology, Noida, U.P., India
13.	Image Steganography based on Discrete Chebychev Transform	Paper Presented	International Conference on Strategy Innovation & Technology (ICSIT2014),		International (within country)	2014-03-14	30	Ansal University, Gurugram
14.	Image De-noising using Wavelet-like Transform	Paper Presented	International Conference on Advances in Science, Engineering and Technology,		International (within country)	2015-12-29	30	Gurukula Kangri Vishwavidyalaya, Haridwar, Uttarakhand

15.	High Capacity Image Steganography  Using Best T-codes	Paper Presented	International Symposium On Data, Information And Knowledge Spectrum (ISDIKS 07)		International  (within country)	2007-12-14	30	
16.	DT-CWT based Block image denoising	Paper Presented	International Conference of Advance Research and Innovation, New Delhi		International  (within country)	2016-02-27	30	
17.	A steganographic scheme based on error correction coding with self-synchronizing variable length encoding	Paper Presented	4th International conference on Quality, Reliability and infocom Technology (ICQRIT), University of Delhi, Delhi		International  (within country)	2009-12-17	20	Department of Operatioanl Research, University of Delhi
18.	A TQWT based approach for Image Steganography	Paper Presented	International conference on Mathematics & Computer Science, Jyoti Nivas College Autonomous, Bangalore, Karnataka, Feb. 16-18, 2017		International  (within country)	2017-02-17	30	IMRF
19.	Computing-the present and future Paradigms	Paper Presented	The first international conference of the new millineum of History of Mathematical Sciences,		International  (within country)	2001-12-20	30	Ramjas College, New Delhi
20.	An application of SSVLC to Image stegano- graphy based on TQWT.	Paper Presented	International Conference on Mathematics & Applications (ICMA-2017)		International  (within country)	2017-04-27	20	Ramjas College, Delhi

21.	Image Steganography based on Complex Wavelet Transform	Paper Presented	2nd National Conference on Software Engineering and Information Security, Indore		National	2010-12-24	20	
22.	Fusion based Image Steganography for Digital Colour Images	Paper Presented	National Conference on Challenges and Opportunities in Computer Engineering(NCCOCE'17),		National	2017-02-18	30	Christ University, Bengaluru,INDIA
23.	An Overview on Wavelet-like Transforms and Image Data Hiding	Paper Presented	National Conference on computing for Nation Development, 2010, New Delhi		National	2010-02-26	20	IndiaCom2010, Bharatiya Vidyapeeth University, New Delhi
24.	A Stereo vision algorithm for Exploration Rovers	Paper Presented	National Conference on computing for Nation Development, 2008, New Delhi		National	2008-02-09	20	IndiaCom2008, Bharatiya Vidyapeeth University, New Delhi
25.	Opportunities, Challenges and security issues of Cloud Computing	Paper Presented	National Conference, Techno Tryst 2010,		National	2010-03-27	30	IAS, Delhi
26.	Robust Source Coding Watermark Technique based on magnitude DFT Decomposition	Paper Presented	40th Annual Convention of Operational Research Society of India, Dec. 4-6, 2007, New Delhi		National	2007-12-05	20	Operational Research Society of India,

27.	Robust Steganography using T-codes	Paper Presented	National Conference on Computing for Nation  Development, In diacom 2007, New Delhi		National	2007-02-24	20	IndiaCom2007, Bharatiya Vidyapeeth University, New Delhi

## XII. Other information:

1. Taught at Post-graduate level from 1995 to 2010 in
  - (i) the Department of Mathematics, university of Delhi in 1995-96, 2005-2006, 2008-2009 (Numerical Methods and Computer Programming in C),
  - (ii) Non-collegiate, University of Delhi, 1995 (Courses XIV & XVI),
  - (iii) the Department of Computer Science(M.C.A), University of Delhi from 1994 to 2000 (Parallel Computing and Theory of Computations), and
  - (iv) B.Tech. Computer Engineering/Information Technology, DTU/DCE (1993-2011) and NSIT/NSUT (1995- till today), Delhi/New Delhi (Parallel Computing, Advance Computer Architecture, Theory of Computations, Cryptography, Multimedia applications, C/C++-programming, Discrete Mathematics, Design of Algorithms)
  - (v) M.Tech. Computer Engineering at DTU/DCE ( 2008-2009)
2. Reviewer of National and International Journals such as
  - (i) Information Science, Elsevier;
  - (ii) Information Security Journal: A Global Perspective;
  - (iii) Science Domain international; PSRI;
  - (iv) Asian Journal of Mathematics and Computer Science (AJOMCR); and British Journal of Mathematics and Computer Science (BJMCS).

## **DECLARATION**

I do hereby solemnly declare that the information given, the statements and documents uploaded with this application form are correct and true to the best of my knowledge and belief.

Date : May 01, 2022

Place : Gurugram

*sushil kumar azad*

Signature & Designation of the Applicant