CURRICULUM VITAE

I. GENERAL

Prof. Vikram Singh
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II. EDUCATIONAL QUALIFICATIONS

#	Degree/Diploma/Certificate	University/Board	Year
1	Nathan House's Cyber Security (Complete Course)	Udemy Inc.	July 2020
2	Cyber Security (Short Course)	eLearning College (elearningcollege.com)	June 2020
3	PhD Computer Science	KU Kurukshetra	2004
4	Master of Computer Applications	KU Kurukshetra	1992
5	Post B.Sc. Diploma in Computer Science	KU Kurukshetra	1990
6	Master of Science (Physics)	KU Kurukshetra	1989
7	Bachelor of Science (Non-Medical)	KU Kurukshetra	1987
8	High School	Haryana Board of School Education	1983

III ADMINISTRATIVE EXPERIENCE

(a) Present Assignments

#	Assignment	Organisation	Duration
1	Dean, Engineering and Technology	Chaudhary Devi Lal University, Sirsa	Dec.2020 onward
2	Dean, Research	Chaudhary Devi Lal University, Sirsa	Jan. 2022 onward

(b) Past Assignments

#	Assignment	Organisation	Duration
1	Dean Academic Affairs	Chaudhary Devi Lal University, Sirsa	Apr. 2013-Mar. 2016
2	Dean Colleges	Chaudhary Devi Lal University, Sirsa	Jul. 2017-Aug. 2019
3	Dean, Faculty of Physical Sciences	Chaudhary Devi Lal University, Sirsa	Mar. 2013-Feb.2016
4	Dean, Engineering & Technology	Chaudhary Devi Lal	2006-2010

		University, Sirsa	
5	President, Sports Council	Chaudhary Devi Lal University, Sirsa	Apr. 2013–Mar. 2016
6	Director, Computer Centre	Chaudhary Devi Lal University, Sirsa	2012-2019
7	University Proctor	Chaudhary Devi Lal University, Sirsa	2012-2017
8	Chief Warden	Chaudhary Devi Lal University, Sirsa	2007-2017
9	Chairperson, Department of Computer Science	Chaudhary Devi Lal University, Sirsa	2004-2007 2007-2010 2013-2015 2018-2021
10	University Coordinator RUSA	Chaudhary Devi Lal University, Sirsa	2015-2019
11	University Coordinator INFLIBNET	Chaudhary Devi Lal University, Sirsa	2017-2019
12	Convener, Central Purchase Committee	Chaudhary Devi Lal University, Sirsa	FY2011-12 FY2012-13 FY2013-14 FY2016-17
13	Convener, Standing Purchase Committee – II	Chaudhary Devi Lal University, Sirsa	FY2010-11

IV TEACHING EXPERIENCE

#	Name of Organization	Designation	Status	Pay Scale	From	To
1	Chaudhary Devi Lal University, Sirsa	Professor	Permanent	PB - IV AL 14	08-12-2008	19-01-2022
2	Chaudhary Devi Lal University, Sirsa	Reader	Permanent	12000-400-18000	02-08-2004	07-12-2008
3	Kurukshetra Univ. Kurukshetra	Lecturer	Permanent	2200-75-4000	07-08-1998	01-08-2004
4	Seth Jai Parkash Polytechnic, Damla, Yamuna Nagar	Programmer	Permanent	2200-75-4000	19-02-1994	06-08-1998
5	NITTTR, Chandigarh	Project Associate	Contractual	Stipend 1750/-	27-05-1993	18-02-1994

V MEMBERSHIP OF VARIOUS OUTSIDE BODIES

(a) Membership of outside bodies (present)

#	Role	Body	Organisation

1	Member	Board of Governors	Haryana State Technical Education Society, Panchkula
2	Educationist Member	Board of Governors	CMRA Govt. Polytechnic, Sanghi, Rohtak
3	Outside expert	Departmental Research Committee, CS&IT	Central University, Himachal
4	Outside expert	Departmental Research Committee, CSA	Ch. Ranbir Singh Univ. Jind
5	Outside expert	Combined BoS in Computer Science	HPU Shimla
6	Outside expert	UGBoS in CSE	BPSMV Khanpur Kalan, Sonipat
7	Outside expert	Chitkara University Research and Innovation Network (CURIN)	Chitkara University, Punjab

(b) Membership of outside bodies (past)

#	Role	Body	Organisation
1	Subject expert	PhD interview committee	Punjab Technical University, Jalandhar
2	Chancellor Nominee	University Court	IGU, Meerpur, Rewari
3	Outside expert	PGBoS in Computer Science	Punjabi University, Patiala
4	Special Invitee	Academic Committee	Haryana State Technical Education Society, Panchkula
5	Member	Erstwhile Haryana State Counseling Board	Session 2006-07
6	Associate Member	Chandigarh Chapter	Computer Society of India
7	Member	Personnel Committee	Haryana State Technical Education Society
8	Outside expert	PGBoS in Information Technology	HPU Shimla
9	Outside expert	PGBoS in Computer Science	**Jain Vishva Bharti**, Ladnun, Rajasthan (deemed university)
10	Chancellor Nominee	Academic Planning Board	KU Kurukshetra
11	Outside expert	DRC in Computer Science	MDU, Rohtak
12	Member	Research Degree Committee	PTU, Jalandhar

13	Outside member	Faculty of Engineering & Technology	MDU Rohtak
14	Outside expert	UGBoS in CSE	BPSMV, Khanpur, Sonipat
15	Member	Faculty of Physical	CRSU Jind
16	Outside expert	UGBoS in CSA	MDU Rohtak.

(c) Membership of selection/expert committees

#	Role	Body	Organisation
1	Subject expert	Committee for review/grant of MRP	UGC
2	Outside expert	PhD interview committee	SOCIS, IGNOU, New Delhi
3	Outside expert	Selection Committee for Project Fellow	Department of Education, K.U. Kurukshetra.
4	Outside expert	CIT programme review committee	IGNOU, New Delhi
5	Outside expert	Selection Committee in Computer Science	IMS Unison University, Dehradun
6	Outside expert	Selection Committee in Computer Science	Punjabi University, Patiala
7	Outside expert	CAS promotion committee in CSE	MDU Rohtak
8	Outside expert	Selection Committee in Computer Science	CUH Dharamshala
9	Outside expert	Selection Committee in Computer Science	GNDU Amritsar
10	Outside expert	Selection Committee in Computer Science	GJUS&T Hisar
11	Outside expert	Selection Committee in Computer Science	HPU Shimla

VI. RESEARCH INTERESTS

(a) Association with Journals (past/present)

#	Role	Body	Journal/Publication
1	Editor-in-Chief	Editorial Board	International Journal of Computing & Business Research, *ISSN* 2229-6166.

2	Member	Editorial Board	*TECNIA* - International Journal of Computing Science & Communication Technologies, *ISSN* 0974-3375
3	Member	Editorial Board	*ARYA BHATTA* Journal of Mathematics & Informatics, *ISSN* 0975-7139
4	Member	Editorial Board	Academic Discourse, ISSN 2278-3296 (Print)
5	Member	Advisory Committee	Scientific and Engineering Research Society
6	Member	Review Board	International Journal of Computer Applications
7	Member	Review Board	International Journal of Computer Science Issues, ISSN (Online) 1694-0814
8	Member	Advisory Board	Research Cell: An International Journal of Engineering Sciences, ISSN 2229-6913
9	Member	Advisory Board	International Association of Scientific Innovation and Research

(b) Books Published/Edited and Book Chapters

#	Publication Type	Title	ISBN	Publisher	Year
1	Book	Computer Organization	9789380856216	Luxmi Publications, New Delhi	2011
2	Book	Impact of ICT on Public Life	978-81-3180-726-2	Luxmi Publications, New Delhi	2009
3	Book	A Textbook Of Simulation And Modeling	978-9380856957	Luxmi Publications, New Delhi	2011
4	Book	Bioinformatics Computing	9788173197949	Narosa Publishing House	2007
5	Chapter in Edited Book	Enhancement of Bioinformatics Data Integration Web Services. In Bioinformatics Computing	9788173197949	Narosa Publishing House	2007
6	Chapter in Edited Book	What is Bioinformatics? In Bioinformatics Computing	9788173197949	Narosa Publishing House	2007
7	Chapter in Edited Book	Re-Engineering Tourism Industry through Information	9788173918322	Kanishka Publishers, New Delhi	2006

		Technology Initiatives IN Tourism Education – An Emerging Essential			
8	Chapter in Edited Book	Issues in Web based Tourism Marketing IN EDITED BOOK Tourism Development : Impacts and Strategies	978812613 2072	Anmol Publications Pvt. Ltd.	2007
9	Chapter in Edited Book	ICT – A Vehicle for Rural Development IN EDITED BOOK Rural Development Administration in 21st Century	978-817629878 0	Deep & Deep Publication, India	2006
10	Chapter in Edited Book	Classification of E-commerce Products using Rep-Tree and K-means Hybrid Approach IN EDITED BOOK Big Data Analytics	978-981-10-6619-1	Springer, Singapore	2017
11	Chapter in Edited Book	Blockchain-based Federated Machine Learning for Solving IoT Security Problems. In: Arun Solanki, Vishal Jain, Loveleen Gaur (eds) Applications of Blockchain and Big IoT Systems - Digital Solutions for Diverse Industries	978177463 7456	Apple Academic Press	2021
12	Chapter in Edited Book	A Novel Approach for Predicting Popularity of User Created Content Using Geographic-Economic and Attention Period Features. In: Bansal P., Tushir M., Balas V., Srivastava R. (eds) Advances in Intelligent Systems and Computing, vol 1164.	978-981-15-4992-2	Springer, Singapore	2020

(c) Creation of Content

#	Activity	Module Name	Program	Organisation	Year
1	Design of New Curricula and Courses	BCS-041 Fundamental of Computer Networks	BCA	IGNOU New Delhi	2013
2	Design of New Curricula and Courses	BCS - 011 COMPUTER BASICS AND PC SOFTWARE	BCA	IGNOU New Delhi	2011
3	Design of New Curricula and Courses	BCSL-013 COMPUTER BASICS AND PC SOFTWARE LAB	BCA	IGNOU New Delhi	2011
4	Design of New Curricula and Courses	Business Communication	BCA	IGNOU New Delhi	2013
5	Design of New Curricula and Courses	BCSL-045 ALGORITHM DESIGN LAB	BCA	IGNOU New Delhi	2013

(d) Publications in Journals

#	Title of the Paper	Journal Name	Year	Vol. No.	Pg. No.	ISS No.
1	A simulation based approach for software release and support management	Asia Pacific Business Review	2004	4(4)	124-128	1743-792X
2	An Integrated Agricultural Information and Communication System for Management and Extension: A Comprehensive Framework	International Journal of Management, IT and Engineering	2012	2(5)	412-425	2249-0558
3	E-Waste (Management) Rules, 2015 – A Critical Analysis	International Journal of Research in Electronics and Computer Engineering	2016	4(4)	51-54	2348-2281

4	Identification of Different type of Risks Involved in Web based Applications	International Journal of Computer Science and System Analysis	2007	1(2)	97-101	0973-7448
5	DEVELOPMENTS IN INTELLIGENT TUTORING SYSTEMS 2010-2020	JOURNAL OF CRITICAL REVIEWS	2020	7(9)	2019-2023	2394-5125
6	An Analysis And Prioritization Of Different Types Of Risks Identified In Web Based Applications	International Journal of Intelligent Information Processing	2009	3(1)	13-17	0973-3892
7	Unstructured Data in Business Intelligence Systems: A Study of Data Quality and Information Quality	Design Engineering	2021	07	2863-2875	0011-9342
8	ROLE OF ICT IN LIBRARY SERVICES (A CASE STUDY OF TECHNICAL EDUCATION SYSTEM IN HARYANA)	ACADEMICIA: An International Multidisciplinary Research Journal	2012	2(10)	1-1	2249-7137
9	Performance Evaluation of Classification Techniques Based on Mean Absolute Error	International Journal of Computing and Business Research	2013	4(1)	1-5	2229-6166
10	Indian Cybersecurity Turf: A 2020 Position Paper	Journal of Network Security	2021	9(1)	42-47	2395–6739
11	Increasing BI Capabilities with FRM based Recommendations	Solid State Technology	2020	63(6)	18353-66	0038-111X
12	Impact of Social Media on Learning Motivation	Current Trends in Information Technology	2021	11(1)	1-6	2249-4707

13	ICT in Universities of the Western Himalayan Region in India: Status, Performance- An Assessment	International Journal of Computer Science Issues	2009	6(2)	44-52	1694-0784
14	EFFECTIVENESS OF ICT IN ADMINISTRATION: (A STUDY OF TECHNICAL EDUCATION IN HARYANA)	Asian Journal of Multidimensional Research Vol.1 Issue 4, September 2012, ISSN 2278-4853	2012	1(4)	16-29	2278-4853
15	Comparative Analysis of Routing Protocols In Mobile Adhoc Networks	INTERNATIONAL JOURNAL OF ENGINEERING SCIENCE & ADVANCED TECHNOLOGY	2012	2(4)	1023-1029	2250-3676
16	A simulation-based approach to software project risk management	Asia Pacific Business Review	2008	IV(1)	59-63	0973-2470
17	ICT in Universities of the western Himalayan region of India II: A Comparative SWOT Analysis	International journal of Computer Science Issues	2010	7(1)	62-72	1694-0784
18	ICT in Universities of the western Himalayan region of India: Study of Networks, Performance and Efficiency	International Journal of Computer Applications	2010	6(1)	10-15	0975-8887
19	A Survey On Lossless Text Data Compression Techniques	International Journal of Advanced Research in Computer Engineering & Technology	2016	5(6)	1741-1744	2278 – 1323
20	Lung Tumor Detection Using Watershed Algorithm	International Journal of Innovative Research in Science and Engineering	2016	2(8)	17-23	2454-9665
21	An Enhanced Text Compression System Based on ASCII Values and Huffman Coding	International Journal of Computer Science Trends and Technology	2016	4(3)	262-267	2347-8578
22	Improved Dynamic Round Robin Process Scheduling	International Journal of Advanced Technology in Engineering and Science	2016	4(1)	128-132	2348-7550
23	Data Mining Technique for Fault Detection in Mobile Communication	International Journal of IT & Knowledge Management	2015	9(1)	20-23	0973-4414

	Networks					
24	A Data Mining Tool for Network Fault Detection	International Journal of Computer Science & Communications	2015	6(2)	275-280	0973-7391
25	A Survey on Classification Techniques in Data Mining	International Journal of Computer Science & Management Studies	2015	16(1)	9-12	2231 5268
26	Simulation Based Performance Evaluation Of TCP Variants For Congestion Control In Mobile Ad-Hoc Networks	International Journal of Computer Science & Information Technology Research Excellence	2014	4(5)	25-29	2250-2734
27	Analysing the Behaviour of a Telecom User using Rough Set Theory	International Journal of Latest Technology in Engineering, Management & Applied Science	2015	IV(IX)	11	2278 -2540
28	A Wireless Protocol to Prevent Wormhole Attack in Wireless Ad-Hoc Network	International Journal of Computer Science and Technology	2014	5(4)	23-28	0976-8491
29	Network Fault Detection - A Case For Data Mining	International Journal of Computing and Business Research	2014	5(4)	27-33	2229-6166
30	A survey on Energy Efficient Routing Protocols in Wireless Sensor Network	International Journal For Research In Applied Science And Engineering Technology	2014	2(4)A surv	261-266	2321-9653
31	Digital Information Hiding Using DWT2-DCT-SVD Watermarking	International Journal for Research and Analysis in Allied Sciences and Engineering	2014	1(II)	6-12	2348-9073
32	A Round Robin Algorithm using Mode Dispersion for Effective Measure	International Journal For Research In Applied Science And Engineering Technology	2014	2(III)	0	2321-9653
33	Measuring the Performance and Efficiency of e-Governance Infrastructure: A Case Study of H.P. University Campus Network	International Journal of Computing and Business Research	2014	5(2)	22-28	2229-6166
34	A 3-tier Heterogeneous Secure Routing protocol for Wireless Sensor Network	International Journal of IT & Knowledge Management	2012	5(2)	35-42	0973-4414
35	Comparative Study Of	International Journal of	2013	4(2)	29-33	2229-6166

	Processes Scheduling Algorithms Using Simulator	Computing and Business Research				
36	A Study Of Awareness About Cyberlaws In The Indian Society	International Journal of Computing and Business Research	2013	4(1)	21-27	2229-6166
37	Comparative Analysis Of Routing Protocols In Mobile Adhoc Networks	International Journal of Engineering Science & Advanced Technology	2012	2(4)	1023-1029	2250–3676
38	Fast Evolution of Curve Based On Chan-Vese Model for Specific Image	International Journal of Engineering Research and Development	2012	1(9)	55-59	2278-067X
39	E-Governance in Punjab-A SWOT Analysis	International Journals of Management, IT & Engineering	2012	2(6)	16	2249-0558
40	An Integrated Agricultural Information and Communication System for Management and Extension: A Comprehensive Framework	International Journals of Management, IT & Engineering	2012	2(5)	12	2249-0558
41	Performance Evaluation of Classification Techniques based on Accuracy of Results	Academic Discourse	2012	1(1)	90-96	2278-3296
42	Internet Usage and Cyber-Victimization in Indian Society	Academic Discourse	2012	1(2)	124-131	2278-3296
43	A Comprehensive Performance Analysis Of Routing Protocol For Adhoc Network	International Journal of Advances in Engineering & Technology	2012	2(1)	587-593	2231-1963
44	E-Governance in Development of Rural Economy	International Journal of Computer Science and Technology	2011	2(4)	19-25	0976-8491
45	An Approach for Test Case Generation Using UML State chart Diagram	International Journal of Advanced Research in Computer Science	2011	2(5)	11	0976-5697
46	Design & Implementation of Secure AODV in Multicast Routing to Detect DDOS Attack	International Journal of Network Security & Its Applications	2011	3(5)	48-53	0974 -9330
47	Interactive knowledge discovery in blood transfusion data set	VSRD International Journal of Computer Science and Information Technology	2011	1(8)	21-26	2231-2471

48	Computer Simulation Model for Soil Nutrients and Fertilizers Management in a Particular Cropping System	International Journal of Electro Computational World & Knowledge Interface	2011	1(4)	29-35	2249-541X 3X
49	A Comprehensive Framework of a Distributed ICT Model for Wheat Crop Management	International Journal of Electro Computational World & Knowledge Interface	2011	1(3)	1-9	2249-541X
50	A Simulator For Scheduling Dual Tub Washing Machine-An Embedded System Case Study	International Journal of Computing and Business Research	2011	2(1)	22-27	2229-6166
51	A Study of Software Metrics	International Journal Of Computational Engineering And Management	2011	11	22-27	2230-7893
52	On the downside of the Internet	International Journal of Computing and Business Research	2010	1(1)	23-27	2229-6166
53	Simulation-Based Planning For Design of Washing Machine Using H/W & S/W Co- Design	International Journal on Computer Science and Engineering	2010	2(8)	2545 start	0975-3397
54	A Guided clustering Technique for Knowledge Discovery-A Case Study of Liver Disorder Dataset	International Journal of Computing and Business Research	2010	1(1)	23-27	2229-6166
55	ICT Infrastructure and Human Resource Performance – A Study of Universities in the Western Himalayan Region of India	International Journal of Advanced Engineering & Applications	2010	3	21-26	0975-7791
56	Integrating User's Domain Knowledge with Association Rule Mining	International Journal of Computer Science Issues	2010	7(5)	26 onward	1694-0784
57	A Simulation-based Approach to Software Release and Support	Asia-Pacific Journal of Management Research and Innovation	2008	4(4)	22-25	2319-510X
58	Electronic Waste Management For Sustainable Development- Technology And Legislation: An Indian Scenario	Journal of Environmental Research and Development	2009	3(4)	35-41	0973-6921

59	A Simulation-Based Approach To Risk Management In Engineering Projects A Case Study Of Software Project Management	The Journal of the Computer Society of India	2008	38(3)	19-21	0254-7813
60	Environmental Cost Of Information Technology Boom- Challenges And Remedial Measures	Journal of Environmental Research and Development	2008	3(2)	76-80	0973-6921
61	A Simulation-Based Approach to Software Project Risk Management	Asia-Pacific Business Review	2008	4(4)	124-128	0973-2470
62	Environmental Issues In E-Commerce: An Indian Perspective	Journal of Environmental Research and Development	2007	2(1)	67-73	0973-6921
63	Evaluation Of Software Testing And Debugging Strategies Using Simulation	Bulletin of Pure and Applied Sciences	2004	23E(1)	91-103	0970-6577
64	A Simulator for Evaluation of Alternate and Competing Software Testing Strategies	The Journal of the Computer Society of India	2005	35(2)	22-25	0254-7813
65	An Automated Test Execution Tool for Windows Environment	The Journal of the Computer Society if India	2005	35(2)	23-27	0254-7813
66	Impact of Internet on Education	Library Progress, International	2003	23(2)	151-162	0970-1052
67	A Simulator for Planning Website Testing	The Journal of the Computer Society if India	2003	33(2)	22-25	0254-7813
68	E-Governance In Punjab-A User Satisfaction Study	International Journal Of Research In It, Management And Engineering	2012	2(1)	47-56	2249-1619
69	Wi-Fi Performance and Efficiency over TCP: A Study of Himachal Pradesh University Campus Network	International Journal of Computing and Business Research	2012	3(2)	1-9	2229-6166
70	A Complete Model For Brain Mapping	International Journal of Research in IT, and Management	2011	1(2)	1-13	2231-4334

71	A MODEL FOR HUMAN COGNITION	International Journal of Computing and Business Research	2011	2(3)	1-17	2229-6166
72	An Integrated Approach for Cloud based Web Secure Web Services	International Journal of Computer Science and Technology	2011	2(2)	22-25	2229-4333
73	Simulation Based Design Of Retention Tank Of Modular Controller Discharge System For Train Coaches	International Journal on Computer Science and Engineering	2010	2(7)	2357-2361	0975-3397
74	Design Plan of Modular Controller Discharge System using Simulation	International Journal of Computer Applications	2010	9(1)	27-32	0975 – 8887
75	Simulator for Performance Evaluation of Process Scheduling Policies for Embedded Real-Time Operating Systems	International Journal of Computer Applications	2010	12(3)	15-22	0975 – 8887
76	Impact of Random, Uniform node placement and Grid environment on the Performance of Routing Protocols in MANET	International Journal on Recent and Innovation Trends in Computing and Communication	2016	4(7)	349-354	2321-8169
77	A Review of DWT and PCA based Digital Watermarking Schemes	International Journal of Engineering and Advanced Technology	2018	7(5)	69-76	2249 – 8958
78	A Novel Video Watermarking Scheme Based on DWT and PCA	International Journal of Engineering and Advanced Technology	2018	7(5)	62-68	2249 – 8958,
79	An Intelligent Gray Wolf Optimizer: A Nature Inspired Technique in Intrusion Detection System	Journal of Advancements in Robotics	2019	6(1)	18-24	2455-1872

80	XOR and IP Filter Based Steganography for Secure Data Transmission in Cloud Environment	Journal of Emerging Technologies and Innovative Research	2019	6(6)	41-48	2349-5162
81	Steganography in Cloud Security: A Review	Journal of Emerging Technologies and Innovative Research	2019	6(6)	32-37	2349-5162
82	REVERSE WATERMARKING TECHNIQUE TO ENHANCE CLOUD DATA SECURITY	Journal of Emerging Technologies and Innovative Research	2019	6(6)	186-195	2349-5162
83	Reverse Watermarking in Cloud Security: A Review	Journal of Emerging Technologies and Innovative Research	2019	6(6)	265-273	2349-5162
84	INVESTIGATING ROLE OF BBF, RANSAC, GSO IN FORENSIC IMAGE PROCESSING (A REVIEW)	International Journal of Research and Analytical Reviews	2019	6(2)	989-994	2348-1269
85	ICT in universities of the Western Himalayan Region in India: Performance analysis	Turkish Online Journal of Distance Education	2011	12(1)	29-53	1302-6488
86	Growth and diffusion of e-journal usage in universities of the western Himalayan region of India	Program: electronic library and information systems	2011	45(2)	149-172	0033-0337
87	Enhanced Multifactor Authentication Scheme	International Journal of Engineering Trends and Technology	2017	52(2)	109-114	2231-5381
88	Business Intelligence: Need and Usage in Indian Corporate Sector	JOURNAL OF CRITICAL REVIEWS	2020	7(11)	2486-2498	2394-5125
89	A Contemplative Perspective on Federated Machine Learning: Taxonomy, Threats & Vulnerability Assessment and Challenges	Journal of King Saud University - Computer and Information Sciences	2021	In press	In press	1319-1578
90	A Physical and Communication Parameter	International Journal of Engineering, Applied	2014	12(1)	29-34	2320-6608

	Based Vertical Handover in Hybrid Mobile Network	and Management Sciences Paradigms				
91	A Post Processing Technique for Reducing Blocked Artifacts in JPEG Image Compression	IOSR Journal of Engineering	2013	3(11)	35-42	2250-3021
92	On The Role Of E-Governance In Economic Development (An Impact Study Of Rural And Semi-Urban Punjab)	International Journal of Computing and Business Research	2012	3(1)	22-26	2229-6166
93	Pseudo-Randomised Cluster Head Selection Algorithm for Wireless Sensor Network	International Journal of Computer Science and Communication	2012	3(1)	254-258	0973-7391
94	Analysis of different Hybrid methods for Intrusion Detection System	International Journal of Computer Sciences and Engineering	2019	7(5)	757-764	2347-2693
95	Performance Evaluation Of Entropy Based Graph Network Intrusion Detection System	Journal of Advanced Research in Dynamical & Control Systems	2019	11 (2)	1-10	1943-023X

(f) Invited lecture/Resource person talk/Paper presented

#	Title of the Talk/Paper	Details of event	Type of Event	Invited Talk/Paper Presented
1	On Social Media's Unsocial Facet for Working Women	Online National Seminar on	National	Paper Presented
2	Evaluation of Routing Protocols in MANETs with Varying Network Scope	International Conference on Information and Network Technology, July 2012, Singapore	International (Abroad)	Paper Presented
3	Keynote Address	National Seminar on Cybercrimes and Security, KL Mehta College for Women, Faridabad	National	Resource Person

4	Keynote Address	National Seminar on LET'S FROLIC WITH THE TECHNOPLENUM, St. Bede's College, Shimla	National	Resource Person
5	E-waste Management in India	Refresher Course, HRDC HP University, Shimla	National	Resource Person
6	Cyber Security - An Indian Context	Refresher Course, HRDC HP University, Shimla	National	Resource Person
7	Choice Based Credit System	Manohar Memorial PG College, Fatehabad, Haryana	State/University	Invited Lecture
8	On the Non-green Pastures of Computing	Refresher Course at HRDC BPSMV Khanpur Kalan Sonipat	National	Resource Person
9	State of Cyber Crime in India	Refresher Course at HRDC BPSMV Khanpur Kalan Sonipat	National	Resource Person
10	Toxic Footprints of ICT Boom	Refresher Course at HRDC KU Kurukshetra, Haryana	National	Resource Person
11	State of Cybercrime in India	Refresher Course at HRDC KU Kurukshetra, Haryana	National	Resource Person
12	On Cyber awareness in India	Refresher Course at HRDC KU Kurukshetra, Haryana	National	Resource Person
13	Electronic Waste - Technology and Legislation	Refresher Course at HRDC KU Kurukshetra, Haryana	National	Resource Person
14	Simulation and Modeling - Avenues of Use	Refresher Course, HRDC Punjabi University, Patiala	National	Resource Person
15	On Net Neutrality	Refresher Course, HRDC Punjabi University, Patiala	National	Resource Person
16	On Cybercrimes in India	Refresher Course, HRDC Punjabi University, Patiala	National	Resource Person
17	On the Toxic Footprints of e-waste	Refresher Course, HRDC Punjabi University, Patiala	National	Resource Person
18	Invited Talk	TEQIP - III Sponsored FDP on Advances in Information and Communication System	National	Invited Lecture
19	ICT IMPLEMENTATION IN STATE	CONF. ON ADV. IN COMPUTER AND COMMUNICATION TECHNOLOGIES, APIIT	International (within country)	Paper Presented

	UNIVERSITIE S OF HP	PANIPAT		
20	AN INTRODUCTION TO PHISHING AND COUNTER EFFECTIVE MEASURES	CONF. ON ADV. IN COMPUTER AND COMMUNICATION TECHNOLOGIES, APIIT PANIPAT	International (within country)	Paper Presented
21	E-LEARNING : CHALLENGES AND OPPORTUNITI ES	SEMINAR ON I.T. EDUCATION IN NORTH-WESTERN INDIA, GURU HARKISHAN PATIALA	National	Paper Presented
22	SIMULATION ORIENTED APPROACH FOR DESIGN OF MODULAR CONTROLLER EMBDEDDED DISCHARGE SYSTEM FOR TRAINN COACHES	CONF. ON INTELLIGENT SYSTEM AND NETWORKS, KLAWAD	International (within country)	Paper Presented
23	MINING E-COMMERCE DATA	CONF. ON CHALLENGES IN NETWORKING AND FUTURE OF E-COMMERCE, APIIT PANIPAT	International (within country)	Paper Presented
24	NETWORK ASPECTS OF INFORMATION SECURITY - A MULTILAYER APPROACH	CONF. ON CHALLENGES IN NETWORKING AND FUTURE OF E-COMMERCE, APIIT PANIPAT	International (within country)	Paper Presented
25	RE-ENGINEERING THROUGH TOURISM INDUSTRY - AN I.T. INITIATIVE	SEMINAR ON GLOBAL TOURISM: ISSUES AND CHALLENGES, KUK	International (within country)	Paper Presented
26	A CASE STUDY FOR GENERATION OF TEST CASES USING UML STATECHART DIAGRAMS	CONF. ON TECHNOLOGY AND MANAGEMENT ADVANCEMENTS - ISSUES AND CHALLENGES 2011, RIMT GABOIND GARH	International (within country)	Paper Presented

27	ISSUES IN USE OF ICT FOR DEVELOPMENT OF RURAL INDIA	CONF. ON CHALLENGES AND OPPORTUNITIES IN I.T. INDUSTRY, PCTE LUDHIANA	International (within country)	Paper Presented
28	INDO-PAK TRADE RELATIONS - AN ELEMENT OF PIECE	SEMINAR ON INDIA PAKISTAN RELATIONS: EMERGING COOPERATION, KUK	International (within country)	Paper Presented
29	RANDOM THOUGHTS ON SOFTWARE ENGINEERING	CONF. ON RECENT TRENDS IN COMPUTER, COMMUNICATION, CONTROL ENGG, AND APPLICATIONS, MITM JEVRA HISAR	International (within country)	Paper Presented
30	E-GOVERNANCE - A TOOL FOR SOCIAL RE-ENGINEERING OF RURAL MASSES	SEMINAR ON INNOVATIONS IN INFORMATION SYSTEMS FOR RURAL DEVELOPMENT, CSI CHAPTER AT VALLABH VIDYA NAGAR, GUJRAT	National	Paper Presented
31	E-BUSINESS - A RE-ENGINEERING TOOL FOR SME	MANAGEMENT OF SMALL AND MEDIUM ENTERPRISES, GURU KASHI CAMPUS, TALWANDI SABO	National	Paper Presented
32	SOFTWARE PROJECT SCHEDULING USING SIMULATION	CONF. ON RESEARCH PRACTICES IN CURRENT AREAS OF I.T., SLIET LANGOWAL	National	Paper Presented
33	KNOWLEDGE MANAGEMENT FOR SUSTAINABLE TOURISM DEVELOPMENT	SEMINAR ON PERFORMANCE OF TOURISM INDUSTRY IN RELATION TO PUBLIC RELATIONS FUNCTIONS, DOABA COLLEGE JALANDHAR	National	Paper Presented
34	EMBEDDED SYSTEM DESIGNING - A SIMULATION AND MODELING BASED	CONF. ON I.T. RESEARCH AND APPLICATIONS, MAIMT JAGADHRI	National	Paper Presented

	APPROACH			
35	RURAL DEVELOPMENT THROUGH USE OF ICT IN AGRICULTURE	SEMINAR ON EFFICACY OF RURAL INSTITUTIONAL FINANCE IN NORTH-WESTERN STATES OF INDIA, GJU HISAR	National	Paper Presented
36	SIMULATION AND MODELING IN BIOCOMPUTING	CONF. ON BIOINFORMATICS COMPUTING, CDLU, SIRSA	National	Paper Presented
37	AN AUTOMATED TEST EXECUTION TOOL FOR WINDOWS ENVIRONMENT	SEMINAR ON CHANGING HORIZONS OF CORPORATE GOVERNANCE AND RESTRUCTURING THE INDUSTRY IN INDIA, MMU MULLANA	National	Paper Presented
38	A NEW APPROACH TO SOFTWARE PROJECT RISK MANAGEMENT	SEMINAR ON ISSUES AND CHALLENGES IN CONTEMPORARY MANAGEMENT, K.U. KURUKSHETRA	National	Paper Presented
39	MODELING AND SIMULATION OF SINGLE EVENT SOFTWARE RELIABILITY PROCESS	CONF. ON MATHEMATICAL AND COMPUTER APPLICATIONS IN SCIENCE AND ENGINEERING, THAPAR PATIALA	National	Paper Presented
40	INFORMATION AND COMMUNICATION TECHNOLOGY FOR RURAL DEVELOPMENT - AN INDIAN PERSPECTIVE	SEMINAR ON EFFICACY OF RURAL INSTITUTIONAL FINANCE IN NORTH-WESTERN STATES OF INDIA, GJU HISAR	National	Paper Presented
41	APPLICATION OF KNOWLEDGE MANAGEMENT TO PUBLIC, PRIVATE AND RESEARCH SECTOR	CONF. ON KNOWLEDGE MANAGEMENT, LYALLPUR KHALSA COLLEGE JALANDHAR	National	Paper Presented
42	RANDOM THOUGHTS ON ETHICS IN	WORKSHOP ON CONTEMPORARY COMPUTING, DAV	National	Paper Presented

	KNOWLEDGE SOCIETY	COLLEGE YAMUNANAGAR		
43	THE DOWNSIDE OF THE INTERNET	CONF. ON INFORMATION AND COMMUNICATION TECHNOLOGY, SPS UNIVERSITY, UDAIPUR	National	Paper Presented
44	E-GOVERNANCE - THE GYANDOOT WAY	SYMPOSIUM ON INNOVATIVE INFORMATION SYSTEMS FOR ELECTRONIC GOVERNANCE, JMIT RADAUR	National	Paper Presented
45	PILOT E-GOVERNANCE PROJECTS IN PUNJAB	CONF. ON MANAGING STRATEGIES - COMPETITIVE ADVANTAGE, GIAN JYOTIMOHALI	National	Paper Presented
46	DRISHTEE - CONNECTING INDIA VILLAGE BY VILLAGE	SEMINAR ON MANAGING INDIA INC. - STRATEGIES FOR GROWTH AND SUSTAINABILITY, K.U. KURUKSHETRA	National	Paper Presented
47	IMPACT OF E-GOVERNANCE IN RURAL AND SEMI-URBAN AREAS OF PUNJAB	EMERGING PRINCIPLES AND PRACTICES OF COMPUTER SCIENCE AND INFORMATION TECHNOLOGY, G.N.E.C. LUDHIANA	National	Paper Presented
48	COMPLEXITY AND DEPENDENCE METRICS IN COMPONENT BASED SOFTWARE SYSTEMS	CONF. ON EMERGING TRENDS IN ENGINEERING, GEETA COLLEGE OF ENGG., PANIPAT	National	Paper Presented
49	WOMEN IN SOFTWARE INDUSTRY	SEMINAR ON ROLE OF WOMEN IN IN I.T. - TODAY AND TOMORROW, S.D. COLLEGE FOR WOMEN, JALANDHAR	National	Paper Presented

50	I. T. IN BANKING SECTOR	CONF. ON THE CHANGING FACE OF BANKING INDUSTRY IN INDIA - SOME STRATEGIC ISSUES, GJU HISAR	National	Paper Presented
51	IMPACT OF INTERNET ON TEACHING - LEARNING	CONFERENCE ON ISSUES IN I.C.T. USAGE IN PUBLIC LIFE, CDLU SIRSA	National	Paper Presented
52	AN INTRODUCTION TO CYBERTERRORISM AND MEASURES TO CURB IT	CONFERENCE ON ISSUES IN I.C.T. USAGE IN PUBLIC LIFE, CDLU SIRSA	National	Paper Presented
53	A COMPARISON OF WI-FI, WIMAX, WBMA AND 3G	CONFERENCE ON ISSUES IN I.C.T. USAGE IN PUBLIC LIFE, CDLU SIRSA	National	Paper Presented
54	ENHANCING THE PAGE RELEVANCY IN FOCUSSED CRAWLING - A REVIEW OF GLOBAL SEARCH ALGORITHM	CONFERENCE ON KNOWLEDGE DISCOVERY AND NETWORK SECURITY, OIMT HISAR	National	Paper Presented
55	ISSUES IN WEB-BASED TOURISM MARKETING	SEMINAR ON TOURISM DEVELOPMENT - IMPACTS AND STRATEGIES, K.U. KURUKSHETRA	National	Paper Presented
56	IMPLEMENTING DATA-MINING AT E-GOVT. SITES	CSI ANNUAL NATIONAL CONVENTION, HYDERABAD	National	Paper Presented
57	MISCONCEPTION ABOUT E-GOVERNANCE IN INDIA	CONFERENCE ON RECENT TRENDS AND FUTURE TRENDS IN I.T., PUNJABI UNIV. PATIALA	National	Paper Presented
58	SIMULATOR FOR TESTING THE DESIGN OF WEB-BASED SOFTWARE	SEMINAR ON EMERGING DIMENSIONS IN INFORMATION TECHNOLOGY, GJU	National	Paper Presented

	SYSTEM	HISAR		
59	A REPOSITORY FOR E-GOVT KNOWLEDGE SHARING - WHY IS IT NECESSARY?	SEMINAR ON ADVANCES IN COMPUTER NETWORKS AND COMPUTER TECHNOLOGY, GJU HISAR	National	Paper Presented
60	ISSUES IN ONLINE JOURNALISM	SEMINAR ON ROLE OF MEDIA IN NATIONAL DEVELOPMENT, GOVT COLLEGE PANCHKULA	National	Paper Presented
61	IMPACT OF INTERNET AND RELATED TECHNOLOGIES ON EDUCATION	SEMINAR ON EMERGING TRENDS IN EDUCATION RESEARCH: STATUS, ISSUES AND ETHICS, JCD PG COLLEGE OF EDUCATION, SIRSA	National	Paper Presented
62	E-WASTE MANAGEMENT IN INDIA - TECHNOLOGY AND LEGISLATION	CONF. ON ENVIRONMENTAL DEGRADATION: EFFECTS, CHALLENGES AND REMEDIES, JCDM COLLEGE OF ENGINEERING, SIRSA	National	Paper Presented
63	E-POLICE: AN INFORMATION AND COMMUNICATION TECHNOLOGY ENABLED POLICE	CONFERENCE ON FUTURISTIC TRENDS IN ENGINEERING AND TECHNOLOGY, JCDM COLLEGE OF ENGINEERING, SIRSA	National	Paper Presented
64	A COMPOSITIONAL APPROACH OF WEB SECURITY IN CLOUD COMPUTING	WORKSHOP CUM CONFERENCE ON RECENT TRENDS IN MATHEMATICS AND COMPUTING, T.I.T.S. BHIWANI	National	Paper Presented
65	CLUSTERING OF USER SESSIONS FOR FASTER INTERNET ACCESS USING ROUGH SET	CSI SPONSORED NATIONAL CONF. ON GLOBALIZED RECENT ADV. IN COMPUTING AND COMPUTER ENGINEERING, PPIMT	National	Paper Presented

	THEORY	HISAR		
66	IMPROVING NETWORK PERFORMANCE IN D.S.R. USING GENETIC ALGORITHMS	CSI SPONSORED NATIONAL CONF. ON GLOBALIZED RECENT ADV. IN COMPUTING AND COMPUTER ENGINEERING, PPIMT HISAR	National	Paper Presented
67	ICT FOR RURAL DEVELOPMENT	CSI NATIONAL ANNUAL CONVENTION, HYDERABAD	National	Paper Presented
68	APPLICATIONS OF ICT IN PUBLIC LIFE - II	ORIENTATION PROGRAMME-IV, UGC ACADEMIC STAFF COLLEGE, GJU HISAR	National	Resource Person
69	APPLICATIONS OF ICT IN PUBLIC LIFE - I	ORIENTATION PROGRAMME-IV, UGC ACADEMIC STAFF COLLEGE, GJU HISAR	National	Resource Person
70	RANDOM THOUGHTS ON SOFTWARE ENGINEERING	REFRESHER COURSE-VI IN I.T., UGC ACADEMIC STAFF COLLEGE, GJU HISAR	National	Resource Person
71	E-WASTE IN INDIA - TECHNOLOGY, LEGISLATION AND OTHER ISSUES	REFRESHER COURSE-VI IN I.T., UGC ACADEMIC STAFF COLLEGE, GJU HISAR	National	Resource Person
72	SOCIETAL APPLICATIONS OF I.T.	REFRESHER COURSE-V IN I.T., UGC ACADEMIC STAFF COLLEGE, GJU HISAR	National	Resource Person
73	COMPUTER TIMELINE	REFRESHER COURSE-V IN I.T., UGC ACADEMIC STAFF COLLEGE, GJU HISAR	National	Resource Person
74	SOFTWARE ENGINEERING - II	REFRESHER COURSE IN I.T., UGC ACADEMIC STAFF COLLEGE, GJU HISAR	National	Resource Person
75	SOFTWARE ENGINEERING	REFRESHER COURSE IN I.T., UGC ACADEMIC STAFF COLLEGE, GJU HISAR	National	Resource Person

76	DATA MINING	REFRESHER COURSE IN COMPUTER SCIENCE AND I.T., UGC ACADEMIC STAFF COLLEGE, PUNJABI UNIVERSITY PATIALA	National	Resource Person
77	HISTORY OF SOFTWARE ENGINEERING	REFRESHER COURSE IN COMPUTER SCIENCE AND I.T., UGC ACADEMIC STAFF COLLEGE, PUNJABI UNIVERSITY PATIALA	National	Resource Person
78	ON THE TOXIC FOOTPRINTS OF ICT BOOM - II	38th REFRESHER COURSE IN COMPUTER SCIENCE AND I.T., UGC ACADEMIC STAFF COLLEGE, PUNJABI UNIVERSITY PATIALA	National	Resource Person
79	ON THE TOXIC FOOTPRINTS OF ICT BOOM - I	38 REFRESHER COURSE IN COMPUTER SCIENCE AND I.T., UGC ACADEMIC STAFF COLLEGE, PUNJABI UNIVERSITY PATIALA	National	Resource Person
80	INFORMATICS AND SECURITY	SEMINAR ON ADV. COMPUTING, IPEM GHAZIABAD	National	Resource Person
81	CYBER CRIMES IN INDIA	GOVT. NATIONAL PG COLLEGE SIRSA	State/University	Resource Person
82	MODELING AND SIMULATION	YADVINDRA COLLEGE OF ENGINEERING, GURU KASHI CAMPUS TALWANDI SABO BATHINDA	State/University	Invited Lecture
83	CONCEPTS OF MEMORY MANAGEMENT	BABA FARID COLLEGE, BATHINDA	State/University	Invited Lecture
84	MODUS OPERANDI OF OPERATING SYSTEMS	JCDM COLLEGE OF ENGINEERING, SIRSA	State/University	Invited Lecture

85	EVOLUTIO N OF SCIENCE & TECHNOL OGY	EVOLUTION IN SCIENCE & TECHNOLOGY – AN EYE ON EDUCATIONAL METHODOLOGY, PPIMT HISAR	International (within country)	Invited Lecture
86	RANDOM THOUGHTS ON SOFTWARE ENGINEERING	FUTURISTIC TRENDS IN COMPUTER COMM. & INFORMATION SYSTEMS, YAMUNA INST. OF ENGG. & TECH, YNR	National	Resource Person
87	NATURAL LANGUAGES IN COMPUTER SCIENCE	NATURAL LANGUAGES AND COMPUTER SCIENCE, DCSA, CDLU SIRSA	National	Resource Person
88	SOFTWARE ENGINEERING – PRACTICES AND PRINCIPLES	CONFERENCE ON EMERGING TECHNOLOGIES, NCI ISRANA	International (within country)	Invited Lecture
89	THEORY, PRACTICE AND TRENDS IN SOFTWARE AGENTS	SEMINAR ON ENTERPRISE INFORMATION SYSTEM, APEEJAY INSTITUTE OF MANAGEMENT JALANDHAR	National	Invited Lecture
90	IT BOOM VS. ENVIRONMENT	SEMINAR ON CONTEMPORARY COMPUTING, DAV COLLEGE YAMUNANAGAR	National	Resource Person
91	EVOLUTION OF OPERATING SYSTEMS	SEMINAR ON EMERGING TRENDS IN COMPUTER APPLICATIONS, CDL PGRC SIRSA	National	Resource Person
92	EMAIL AND INTERNET – MODUS OPERANDI	W/SHOP ON OPERATIONS OF EMAIL AND INTERNET, CCS HAU CENTRE NILOKHERI	National	Resource Person
93	KEYNOTE ADDRESS	SEMINAR ON RECENT TRENDS AND ADVANCES IN COMPUTING, JCDMEC	National	Invited Lecture

		SIRSA		
94	SOFTWARE ENGINEERING – RANDOM THOUGHTS	SEMINAR ON EMERGING TREND IN IT SECTOR, S.A. JAIN COLLEGE A/CITY	National	Resource Person
95	ETHICAL ISSUES IN ONLINE JOURNALIS M	SEMINAR ON MEDIA AND ITS ETHICAL OBLIGATIONS, DOABA COLLEGE JALANDHAR	National	Resource Person
96	TOXIC FOOTPRINTS OF ICT BOOM	GREEN COMPUTING - A NEW HORIZON OF ENERGY EFFICIENCY, DCRUST MURTHAL	National	Resource Person
97	RANDOM THOUGHTS ON SOFTWARE ENGINEERING	SEMINAR ON EMERGING TRENDS IN COMPUTER INDUSTRY, SD COLLEGE A/CANTT	National	Invited Lecture
98	ON THE AVENUES OF USE OF SIMULATIO N AND MODELING	ONE WEEK W/SHOP ON CONTINUNG EDUCATION PROGRAMME, UIET, KUK	National	Resource Person
99	ON THE INTERNET AND E-COMMERCE	CONTEMPORARY ISSUES IN COMMERCE MANAGEMENT & IT, ARYA COLLEGE PANIPAT	National	Resource Person
100	DIGITAL INDIA – ISSUES AND CHALLENG ES	MAKE IN INDIA, ARYA COLLEGE, PANIPAT	National	Resource Person
101	SIMULATIO N MODELING AS A RESEARCH TOOL	NEW FRONTIERS AND EMERGING ISSUES OF RESEARCH, NATIONAL COLLEGE OF EDUCATION, SIRSA	National	Invited Lecture
102	RANDOM THOUGHTS ON DIGITAL INDIA	MAKE IN INDIA – OPPORTUNITIES & CHALLENGES OF INDIAN ECONOMY, ARYA COLLEGE	National	Invited Lecture

		PANIPAT		
103	ON BIG DATA APPLICATIONS IN PUBLIC LIFE	DATA HANDLING TECHNIQUES: APPLICATION IN INFORMATION TECHNOLOGY, GMN COLLEGE AMBALA CANTT	National	Invited Lecture
104	Analytical role of e-governance in Punjab	national seminar on emerging technologies in computing, devsamaj college for women, ferozepur, Nov. 2011	National	Paper Presented
105	An architecture for modeling and simulation of embedded systems	IBM sponsored national conference on computer applications, March 6, 2007, HCTM Kaithal	National	Paper Presented
106	A compositional Approach of Web Security in Cloud Computing	(RTMC) 2011 National Workshop-Cum-Conference on Recent Trends in Mathematics and Computing	National	Paper Presented
107	Web Content Management in Universities Using Joomla!: Freedom All Together	7th International CALIBER-2009, Pondicherry University, Puducherry	National	Paper Presented
108	Impact of E-Governance Among Rural & Urban Areas of Punjab	3rd National Conference; INDIACom-2009, Computing For Nation Development, February 26 – 27, 2009, Bharati Vidyapeeth, Delhi	National	Paper Presented
109	A Study of Efficiency-Campus Networks in Western Himalayan Universities of India	25th IEEE International Conference on Advanced Information Networking and Applications Workshops, WAINA 2011, Biopolis, Singapore	International (Abroad)	Paper Presented
110	Effects of keeping the Same Density in Heterogeneous and Homogeneous LEACH	National Conference on Innovative Trends in Computer Science Engineering, BRCM College of Engineering &	National	Paper Presented

		Technology, Bahal, Bhiwani, Haryana, 2015 April 4.		
111	Variations in rounds keeping same density in Homogeneous and Heterogeneous LEACH	National Conference on Innovative Trends in Computer Science Engineering, BRCM College of Engineering & Technology, Bahal, Bhiwani, Haryana, 2015 April 4.	National	Paper Presented

(g) PhD Supervision

#	Name of Scholar	Awarded/ Ongoing	Topic Name	Thematic Area
1	Poonam Chaudhary	Awarded	Network Fault Detection with the help of Data Mining in Mobile Communication	Data Mining
2	Rajesh Kumar	Awarded	Effectiveness of Information and Communication Technology in Education System (A study of Technical Education in Haryana	ICT in Education
3	Sanjay Dahiya	Awarded	Role of Computer and Information and Communication Technology in Agriculture Sector	ICT in Agriculture
4	Dhirendra Sharma	Awarded	Applications of Information Technology in University System (A case study of western Himalayan Region)	ICT in Universities
5	Sapna Mehta	Awarded	Human Involvement in Data Mining Process: Integration of Domain Specific Knowledge in the Analysis of Large data Sets	Data Mining
6	Subhash Chander	Awarded	Assessing the impact of E-Governance Projects in Rural and Semi Urban Areas: A Case study of Punjab	e-Governance
7	Saroj Mehta	Awarded	Applications of Information Technology in Crimes: Some Issues and Challenges	Cyber Criminology
8	Rajesh Kumar Garg	Awarded	Designing the embedded systems: Role of Simulation and Modeling	Embedded Systems
9	Baljit Kaur	Ongoing	Design of Technological framework for Business Intelligence in Medium and Large Enterprises	Business Intelligence
10	Ram Gopal	Ongoing	Hybrid Text Mining Approach to Prediction of Customer Behaviour in e-Shopping	Data Mining

11	Surender Kumar	Ongoing	Digital Signature and Hash Function based approach for secure routing in VANET	Network Security
12	Sanjay Singh	Ongoing	On Development of A framework for a Mobile Based Intelligent Tutoring System	Artificial Intelligence
13	Divya	Ongoing	An Artificial Intelligence Based approach to Efficient Data Retrieval in Big Data Analytics	Artificial Intelligence
14	Vikash Khobra	Ongoing	Effective Kernel Selection for Classification and Regression Techniques in Machine Learning Domain	Machine Learning

Vikram Singh