**Research Publications by Faculty Members since 2012**

**Prof (Dr) Sudershan Dhamija**

Department of Textile Technology

Details of Research Publications

1. Rajiv Varshney & Sudershan Dhamija, Modelling of polyester yarn behavior in relation to polyester fibre fineness, yarn twist level and blending with viscose fibre, *Proceedings of* *National Seminar on Mathematical Modelling in Science & Technology,* Sponsored by AICTE, Ministry of HRD, organized by The Technological Institute of Textile & Sciences, Bhiwani on August 18, 2012
2. Rajkishore Nayak, Rajiv Padhye, Sudershan Dhamija and Vijay Kumar, Sewability of Air-jet Textured Sewing Threads in Denim, *Journal of Textile and Apparel, Technology and Management*, Volume 8, Issue 1, Spring 2013, 1-11
3. S Dhamija, Quality aspects of slub yarns, *Proceedings of* *Workshop on Quality Assurance in Textiles – New Concepts and Techniques,* AICTE Sponsored and organized by MLV Textile and Engineering College, Bhilwara on May 20-21, 2013
4. Sudershan Dhamija, Developments in Yarn Formation, *Proceedings of* *National Seminar on Recent Innovations and Advancesin Textiles (RIAT\_2014)*, TEQIP-II sponsored and organized by Department of Textile Technology, Jawaharlal Nehru Government Engineering College, Sundernagar, Distt. Mandi (HP) – 175018, on March 28–29, 2014
5. Sudershan Dhamija and Ritu Sharma, Developments in Medical Textiles, *Proceedings of* *International Conference on Emerging Trends in Traditional and Technical Textiles*, organized by Department of Textile Technology, Dr B R Ambedkar National Institute of Technology, Jalandhar on April 11-12, 2014
6. Sudershan Dhamija, Amal Chowdhury & Rabisankar Chattopadhyay, Impact of plying on the physical properties of Vortex and Other spun yarns, *J. Inst. Eng. India Ser. E (July–December 2016),* 97(2):107–114*,* DOI 10.1007/s40034-016-0080-x
7. Sudershan Dhamija, Amal Chowdhury & Rabisankar Chattopadhyay, Effect of ply twist factor on Hairiness and Unevenness of two plied Cotton yarns made of different spinning technologies, *J. Inst. Eng. India Ser. E,* (June 2017) 98(1):33–39; DOI 10.1007/s40034-016-0081-9
8. Evenness and Hairiness Properties of Viscose MVS Yarns in relation to some m/c and process parameters, Deshdeepak, Rajeev Kumar Varshney and Sudershan Dhamija, *International J Text and Fashion Technology (IJTFT) ISSN (P): 2250-2378; ISSN (E): 2319-4510, Vol. 7, Issue 4, Aug 2017, 21-28*
9. Sudershan Dhamija, Rajeev Kumar Varshney & Deshdeepak, Effect of MVS process parameters on knitted fabic characteristics, *Indian J Fibre Text Research, Volume 43, September 2018, 330-335*

**Dr. Ashvani Goyal**

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1. Studies of the hybrid effect in mechanical properties of tencel blended ring-, rotor- and air-jet spun yarns, R. Chattopadhyay , G.K. Tyagi & Ashvani Goyal,Journal of The Textile Institute,104(3)(2013), 339-349.

2. “Prediction and analysis of compression behavior of warp knitted spacer fabric with cylindrical surfaces”, Mrinal K Datta, B K Behera, Ashvani Goyal,Journal Of Industrial Textile, 2018 Published online

 3. “Geometrical Modelling of Warp knitted spacer fabric”, Communicated to Journal Of Industrial Textile, M K Datta, B K Behera, Ashvani Goyal

4. Influence of twist and blend ratio on characteristics of ring- spun tencel blended yarns, G K Tyagi, Ashvani Goyal, R Chattopadhyay, , Indian J Fibre Text Res,38 (2013) 138-143.

5. Physical characteristics of tencel-polyester and tencel-cotton yarns produced on ring, rotor and air-jet spinning machines, G K Tyagi, Ashvani Goyal, R Chattopadhyay, , Indian J Fibre Text Res, 38 (2013) 230-236.

6. Low-stress and recovery characteristics of tencel blended ring, rotor and MJS yarns, G K Tyagi, Ashvani Goyal, R Chattopadhyay, , Indian J Fibre Text Res, 38 (2013) 331-339.

7. Paper entitled “CSR in Textile Industries: Social and Environmental Issue”, authored by Chitra Goyal & Ashvani Goyal, presented in HSB 6th Annual National Conference on Bussiness and Management, February 6-7, 2014 at G.J.U, Hisar.

 8. Paper entitled “Slub Yarns: Type and quality evaluation”, authored by Ashvani Goyal & Raminder Pal Singh presented in TEQIP-II sponsored National Seminar on “ Recent Innovations and Advances in Textiles” (RIAT-2-14) at Department of Textile Technology, Jawaharlal Nehru Govt, Engg. College, Sundernagar (HP) on 28-29 March 2014.

9. Paper entitled “A comparative study on quality characteristics of grey and dyed fibre’s Elitwist, single and double yarns” by Ashvani Goyal in International conference on “Emerging Trends in Traditional and Technical Textiles(ICETT-2014)” at Department of Textile Technology, Dr B R Ambedkar National Institute of Technology (NIT) Jalandhar on 11-12 April 2014.

10. Paper entitled “Effect of twist on abrasion resistance and snarling tendency of tancel/cotton blended ring and rotor spun doubled yarns” by Ashvani Goyal inInternational conference proceeding book “Redefining Textiles- cutting edge technology of the future” (RTCT-2016)  Edited by J N Chakraborty pp 20-27(ISBN: 978-93-5254-980-1

11. Chapter entitled “Defense applications of manikin”, by  Ashvani Goyal in the book  Manikins for Textile Evaluation, Elsevier, Oxford  UK , pp279-300,July 2017 with ISBN: 978-93-81505-72-4

12. Chapter entitled “Automation in fabric inspection” , by Ashvani Goyal in the book  Automation in Garment Manufacturing, Elsevier, Oxford  UK, pp75-108 Nov 2017, with ISBN: 978-0081012116

**Dr Suman Bhattacharyya**

1. “Response of thermo-physiological comfort properties of polyester -modal blended fabrics to chemical finishing,” published in proceedings of 8th International   Conference on Textile Science on September 23-25, 2013 held at Technical University of Liberec, Czech Republic  
  
**Sh. Saumen Bhattacharyya**

1) S Dhamija and Saumen Bhattacharyya, Assessment of Heat and Moisture Management Properties of Clothing Material, Proceedings of the International Conference on Fashion, Apparel and Textile 2016, Amity University NOIDA, India, 3rd &4th March, 2016.

2) Rishi P Jamdagni, S Bhattacharyya & N Kumar, Characterisation of water vapour transmission behaviour of woven fabrics, Proceedings of the 8th International Conference TEX SCI’13, Technical University of Liberec, Liberec, Czech Republic, Sept. 23-25, 2013.

**Dr. Amal Chowdhury**

JOURNAL PUBLICATIONS:

Impact of plying on the physical properties of vortex and other spun yarns, Journal of The Institution of Engineers (India): Series E, April 2016, 97(2), 107-114, S Dhamija, A Chowdhury & R Chattopadhyay

1. Effect of Ply Twist Factor on Hairiness and Unevenness of Two Plied Cotton Yarns Made of Different Spinning Technologies, Journal of TheInstitution of Engineers (India): Series E, June 2016, 1-7, 98(1), S Dhamija, A Chowdhury & R Chattopadhyay

CONFERENCE PUBLICATIONS:

1. Quality aspects of soya-bamboo ring yarns, UGC Sponsored National Conference on Global Challenges – Role of Sciences & Technology in imparting their solutions (GCRSTS 2016), TIT&S Bhiwani, Haryana, India, 23-24 April 2016, 202-210, A Chowdhury, (ISBN: 978-81-909307-3-4), (TSE 225)
2. Fancy Yarns, National Conference on FASHION APPAREL & TEXTILE (NCFAT 17) Theme: Sustainable to Innovative Fashion and Textile: Road to success, Amity School of Fashion Technology, AUUP, 29th March, 2017, 62-66, Amal Chowdhury (ISBN: 978-93-86238-19-1)
3. An Overview of Ring spinning Variants, National Conference on “Multifacet Paradigm of Textile Industry and Research (TEXCON 2018)”, 9th – 10th March, 2018
4. Innovation in polymers and fibres for active sportswear, National Conference on FASHION APPAREL & TEXTILE (NCFAT 18) Theme: Innovation & Entrepreneurship A path for growth of Fashion & Textile Industry, Amity School of Fashion Technology, AUUP, 27th March, 2018, 35 – 38, Amal Chowdhury (ISBN: 978-93-86238-51-1)

**Sh. Amit Madhu**

Publications

1. Amit Madhu & J N Chakraborty; Recover & reuse of α- amylase enzyme for cotton fabric desizing using immobilization, Research Journal of Textile & Apparel, https://doi.org/10.1108/RJTA-12-2017-0052
2. A K Patra, Amit Madhu & Neeraj Bala; Enzyme washing of indigo and sulphur dyed denim; Fashion & Textiles, 2018, 5:3, https://doi.org/10.1186/s40691-017-0126-9
3. Amit Madhu & J N Chakraborty; Developments in application of enzymes for textile processing, Journal of Cleaner Production, 2017, Vol-145, 114-133; http://dx.doi.org/10.1016/j.jclepro.2017.01.013
4. Amit Madhu & A K Patra; KMnO4 Pre-treatment of Linen, Journal of Textile Institute, 2014, Vol-105, Issue-5, 520-527.
5. mit Madhu & Biswajit Saha; Sulphur Dyeing with optimized Reducing Sugars, Asian Dyers, 2013, Vol-10, No-5, 45-53.
6. Amit Madhu & Gurpreet Singh; Sulphur dyeing using Non-sulphide Reducing Agents, 2012, Journal of Textile Apparel & Textile Management, Vol-7, Issue-4, 1-13.

# Dr. [Amandeep Kaur](https://www.sciencedirect.com/science/article/pii/S0959652615010781#!)

# Publications afterwards 2012

# [Amandeep Kaur](https://www.sciencedirect.com/science/article/pii/S0959652615010781#!), [J.N.Chakraborty](https://www.sciencedirect.com/science/article/pii/S0959652615010781#!), Controlled eco-friendly shrink-resist finishing of wool using bromelain ,[Volume 108, Part A](https://www.sciencedirect.com/science/journal/09596526/108/part/PA" \o "Go to table of contents for this volume/issue), 1 December 2015, Pages 503-513

1. [Amandeep Kaur](https://www.hindawi.com/31598976/) and [J. N. Chakraborty](https://www.hindawi.com/12758389/), Optimization of Bromelain Treatment pH with Wool for Antifelting and Reduced Pilling Behaviour: Objective Assessment Approach Journal of Textiles, Volume 2015, Article ID 230879, 7 pages
2. [Amandeep Kaur Department of Textile Technology, National Institute of Technology, Jalandhar, Punjab, India](https://www.tandfonline.com/author/Kaur%2C+Amandeep), [J. N. Chakraborty Department of Textile Technology, National Institute of Technology, Jalandhar, Punjab, IndiaCorrespondenceChakrabortyjn@gmail.com](https://www.tandfonline.com/author/Chakraborty%2C+J+N) & [Kashyap Kumar Dubey Department of Biotechnology, University Institute Engineering and Technology, M.D. University Rohtak, Haryana, India](https://www.tandfonline.com/author/Dubey%2C+Kashyap+Kumar) , Enzymatic Functionalization of Wool for Felting Shrink-Resistance, [Journal of Natural fibers](https://www.tandfonline.com/toc/wjnf20/current) , Volume 13, [Issue 4](https://www.tandfonline.com/toc/wjnf20/13/4) ,2016
3. Shelly Khanna, Amandeep Kaur, Effect of process variables on button pull-out strength of buttons, Journal of Textile association, Volume 76, Issue 2, July 2015, 102-106
4. Shelly Khanna, Amandeep Kaur, Study On Aroma Finish Using Vanillin On Cotton Based Home Textiles, Daffodil International University Journal Of Science And Technology, Volume 10, Issue 1-2, July 2015
5. Shelly Khanna, Amandeep Kaur , K.N. Chatterjee, Interactions of Sewing Variables: Effect on the Tensile Properties of Sewing Threads During sewing process, Journal of Textile and Apparel, Technology and Management, [Vol 9, No 3 (2015)](http://ojs.cnr.ncsu.edu/index.php/JTATM/issue/view/67)

**Dr. SURENDER KUMAR KAUSHIK**

1. No. of research paper published from 2012

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| 1. | Phase Transfer Catalyzed Extraction of TeO32- in Organic Media and use of Sodium Tellurite as an Oxidizing Agent. Surender Kumar, Dinesh Sharma | Chem.sc.Trans. 2013, 2(2), 385-388 |  | 2278-3458/2278-3318 |
| 2. | Water Mediated Green Synthesis of Coumarin-3-carboxylic Acids under Microwave Irradiation Condition. Surender Kumar, Dinesh Sharma | Chem.sc.Trans. 2013, 2(2), 403-406 |  | 2278-3458/2278-3318 |
| 3. | A Facile synthesis of 2H-chromen-2-ones via Pechmann condensation under solvent free conditions using grinding technique. Surender Kumar, Dinesh Sharma | Green process & synth. 2013,2(2) 151-155 |  | 2191-9550 |
| 4. | A highly efficent ecofriendly AFO reaction using grinding technique: synthesis of hydroxy-2-phenyl-4H-chromne-4-one. Surender Kumar, Ashish Kumar, J.K. Makrandi | Green process & synth. 2013, 329-333 |  | 2191-9550 |
| 5. | A facile synthesis of 1-(2, 4-dihydroxyphenyl)-3-aryl-propane-1, 3-diones via Baker-Venkataraman rearrangement under solvent free conditions at room temperature. Surender Kumar, Dinesh Sharma | Bulgarian Chem. Commun.vol-46(1), 2014 175-179 |  | 0324-1130 |
| 6. | An Efficient One Pot Green Synthesis of 5-(SubstitutedPhenyl)-4H-1, 2, 4, triazol-3-ols Ultrasonic Irradiation. Surender Kumar | Chem. Sc. Trans. 2015, 4 (1), 258-262. |  | 2278-3458/2278-3318 |
| 7. | A green and efficient protocol for the synthesis of chalcone of 3-acetyl pyridine using grinding technique. Dinesh Sharma, Seema Sharma, Ruchi, Surender Kumar | International Journal of Scientific research 2015, 4(10), 50-51. |  | 2277-8179 |
| 8. | Aqueous-mediated green synthesis of 3-carboxyxoumrin using grinding technique Dinesh kumar, Surender kumar & J.K. Makrandi | Green Chem.Lett. Rev. 1:2 2015, 21-25 |  | 1751-8253 |
| 9 | Use of Co-Condensation techniques for synthesis of Hybrid materials with Organic group | International journal of New era Research 2(1), 2015 220-225 |  | 2347-680X |
| 10 | Analysis of water of river Yamuna and its Tributaries with reference of Micro-Pollutants Characteristics | International journal of New era Research 2(4),2015,215  -218 |  | 2347-680X |
| 11. | Analysis of Water of River Yamuna with Reference to various Pollutants along its course of flow in Delhi Region | International journal of New Era Research 2(2),2015,163-166 |  | 2347-680X |
| 12. | Survey on impact of mining on environment in Copper Khetri region. | International journal of New era Research  3(2),2016, 201-205 |  | 2347-680X |
| 13. | Phytochemical evaluation & Antibacterial activity analysis of Bauhina Tomentosa.L | International journal of New era Research  2(3),2016 , 209-217 |  | 2347-680X |
| 14. | A facile synthesis of 3-chloro-2-phenyl-4H-chromen-4-ones using grinding technique at room temperature. Surender Kumar, Dinesh Sharma | Bulgarian chem., Commun  49(2), 2017, 309-312 |  | 0324-1130 |
| 15 | Ultrasound promoted green synthesis of benzofuran substituted thiazolo [3,2-b][1,2,4]triazoles | Green process & synth.  2017,6(2), 73-77 |  | 2191-9550 |
| 16. | A Photochemical evaluation study of medicinal plant cassia fistula linn.(Amultus). | International journal of New era Research  4(2) 2017,211-217 |  | 2347-680X |
| 17. | Ultrasound promoted green synthesis of chalcones of 3-Acetyl Coumarins | Chem. sc. Trans.  7(3), 2018,396-401 |  | 2278-3458/2278-3318 |

ii) Books Published as single author or as editor

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| S. | Title with Page | Type of Book & | Publisher & ISSN/ | Whether Peer | No. of | Whether you are |
| No. | nos. | Authorship | ISBN No | reviewed. | co- authors | the main author |
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|  |  |  |  |  |  |  |
| 1 | Global-challenges- Role of Science & technology in imparting their solutions. | NATIONAL | 978-81  909307-3-4 |  | 1 | YES |

iii) Full papers in Conference Proceeding

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| S. | Title | Venue of | Details of Conference | Sponsors of | ISSN/ |
| No. |  | Conference | Publication | The | ISBN No |
|  |  | (days) | Page nos./ Year | Conference |  |
|  |  |  |  |  |  |
| 1 | Synthesis and characterization of Neodymium Doped Nikel Ferrite. Pinki Rani, Sunil Rohila, Surender Kumar | Global challenges role of science and technology in imparting their solution  TIT&S BHIWANI | 710-714, 2016 | UGC | 978-81-909307-3-4 |
| 2 | Development of novel and green method for the preparation of Flame Retardent. Parul Bansal, Kn Chatterjee, Surender Kumar Kaushik, Krishan Kumar Sharma | Global challenges role of science and technology in imparting their solution  TIT&S BHIWANI | 172-179, 2016 | UGC | 978-81-909307-3-4 |
| 3 | An Eco-Friendly Synthesis of 7-HydroxyFlavones under solvent free conditions using grinding technique. | Global challenges role of science and technology in imparting their solution  TIT&S BHIWANI | 70-74, 2016 | UGC | 978-81-909307-3-4 |

**Ms. KRITIKA**

**NO. OF RESEARCH PAPER PUBLISHED FROM 2012**

|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| S no | Title |  | Journal name/vol. no. /year/Page no |  | ISSN/  ISBN no | Impact factor | Citation index | Name of international database where journal indexed | No. of co-authors | Whether you are main or co-author |
| 1. |  | Ultrasound promoted green synthesis of chalcones of 3-Acetyl Coumarins | Chem. sc. Trans.  7(3), 2018,396-401 |  | 2278-3458/2278-3318 |  |  | Index, Copernicus ICI | 1 | Other |

**Sh. Rohit Goel**

**Branch: ECE**

**Publication of Papers in Journals**

|  |  |  |  |
| --- | --- | --- | --- |
| **S.No.** | **Title of Paper** | **Author/s** | **Detail of Publisher** |
| **1** | Comparative analysis of hybrid transform domain image steganography embedding techniques | **Mukta goel**  **Rohit goel** | IJSR, Vol. 2, issue 2 |
| **2** | Current Image Steganography Techniques for Higher Compression and Robustness | **Mukta goel**  **Rohit goel** | VSRD INTERNATIONAL JOURNAL OF COMPUTER SCIENCE & INFORMATION TECHNOLOGY, Vol. III, issue 2 |
| **3** | Comparative Analysis of Wavelet Filters on Hybrid Transform Domain Image Steganography Techniques | **Mukta goel**  **Rohit goel** | IJARCSSE |
| **4** | A block and pixel level parametric fuzzy technique to improve fusion process on temporal images | **Mukta goel**  **Rohit goel** | IJAR |
| **5** | Performance Analysis of Blind Source Recovery Multi-User Detector for varying number of samples and Iterations | **Rohit Goel, Garima Saini** | VSRD International Journal of Electrical, Electronics and Communication Engineering |
| **6** | A Comprehensive review of Low Noise Amplifier (LNA) Topologies | **Rohit Goel, JanakKumar B. Patel** | IJEECSE, April 2018 |

Conferences

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **S.No.** | **Name of Activities/ Date** | **Title of Paper** | **Name** | **Organizer** |
| **1** | ICRITO 2014  8-10/10/14 | A multi parametric analysis based dynamic masking approach to improve embedding security | Neha baweja  Mukta goel  Rohit goel | Amity University (IEEE technically Co-sponsored by Amity) |
| **2** | 5th International Conference Confluence 2014 The next generation IT summit 25-26/9/14 | A multi factor based fusion approach for real time sequence images | Ravi kant  Mukta goel  Rohit goel | Amity University  (IEEE sponsored) |
| **3** | CICN2015  2015 | Tagging face using feature based face detection | Sonia Sharma Mukta goel Rohit goel | Jabalpur |
| **4** | ICICT  2015 | Partition Based frequent closed pattern miner | Anu soni Mukta goel Rohit goel | Ahmadabad |
| **5** | ISACC  14-15/9/2015 | 3 Dimensional Frequent Closed Pattern Miner | Anu soni Mukta goel Rohit goel | Silchar |
| **6** | National Conference on Innovative Trends in Computer Science Engineering 4/4/15 | Comparative study of image enhancement using histogram equalization based processing techniques | Sonia sharma  Mukta goel  Rohit goel | BRCMCET, BAHAL |
| **7** | National Conference on Innovative Trends in Computer Science Engineering  4/4/15 | Comparative Study of Clustering Techniques in Data Mining | Anu soni Mukta goel Rohit goel | BRCMCET, BAHAL |
| **8** | UGC Sponsored National Conference on Global Challenges-Role of Science and Technology in Imparting Their Solutions(GCRSTS-2016) | Detection of fraudlent transaction using HMM | Shilpa  Mukta  Rohit | TIT&S,Bhiwani |
| **9** | UGC Sponsored National Conference on Global Challenges-Role of Science and Technology in Imparting Their Solutions(GCRSTS-2016) | Comparative Study of Various Image Enhancement Techniques | Sonia  Mukta  Rohit | TIT&S,Bhiwani |

# Sh. Akhil Kaushik

**Publications in Journals**:-

1. FBR Cryptosystem For Enhanced Security - Akhil Kaushik, Satvika & Manoj Barnela - International Journal of Advanced Research in Computer Science (IJARCS), Volume 1, No. 3, Sep-Oct 2010.

2. Stream Encryption Standard for Digital Images (SES) - Akhil Kaushik, Satvika, Manoj Barnela and Anant Kumar - International Journal of Computer and Electrical Enginering (IJCEE) - ISSN: 1793-8198 (Online Version); 1793-8163 (Print Version), April 2011, Vol 3, No. 2.

3. A Novel Expert System for PC Network Troubleshooting & Maintenance - Akhil Kaushik, Manoj Barnela, Satvika, Harish Kumar - International Journal of Advanced Research in Computer Science (IJARCS), Vol.2, No. 3, May-June 2011.

4. Wireless Sensor Network: Issues & Challenges – Satvika, Priyanka Singh & Akhil Kaushik - International Journal of Mathematical Archive” (IJMA) - ISSN 2229 – 5046, pp. 2201-2204, Volume 2, No. 11, Nov 2011.

5. Keyless User Defined Optimal Security Encryption (KUDOS) - Akhil Kaushik, Satvika, Manoj Barnela, & Anant Kumar - International Journal of Computer and Electrical Enginering (IJCEE) - ISSN: 1793-8198 (Online Version); 1793-8163 (Print Version), Vol 4, No. 2, April 2012.

6. Analysis and Comparison Of Alerts Generated For The Particular Attack With Respect To Several Protocols – Akhil Kaushik & Amit Sangwan – International Conference on Emerging Trends in Engineering & Management (ICETEM 2012) – Satpriya Group Of Institutions, Rohtak - ISBN: 978-981-07-2631-7, pp. 23-24 June 2012.

7. Performance Analysis Of Real Time Intrusion  Detection And Prevention System Using Snort - Mukesh Sharma, Akhil Kaushik & Amit Sangwan - International Journal of Engineering Research & Technology (IJERT) - Vol.1 - Issue 5 (July – 2012) - e-ISSN:   2278-0181.

8. Performance Analysis of Intrusion Detection and Prevention System using Snort -  Akhil Kaushik, Mukesh Kumar & Amit Sangwan - International Journal of Engineering  Research and Technology (IERT),  ISSN: 2778-0181, Volume 1, Issue 5, July 2012.

9. Printer Troubleshooting Expert System -  Akhil Kaushik, Satvika & Manoj Barnela - International Journal of Advanced Research in Computer Science and Software Engineering (IJARCSSE),  ISSN: 2277 128X, Volume 2, Issue 10, October 2012.

10. Chaotic Image Encryption Standard - Akhil Kaushik, Satvika & Manoj Barnela - International Journal of Computer Applications (IJCA) - ISBN:973-93-80870-23-5, pp. 46-49, Vol. 57, No. 8, November 2012.

11. MAC Addresses - The Future of Intra-Organization Communication - Akhil Kaushik, Satvika & Manoj Barnela -  UACEE International Journal of Advances in Computer Network & Security (IJCNS) - ISSN: 2250-3757, Vol.2, Iss. 3, November 2012.

12. A Review of Hybrid Digital Watermarking – Akhil Kaushik & Kusum Yadav - International Journal of Engineering Trends and Technology (IJETT) – Vol. 4 Iss. 7- July 2013.

13. D-MMLQ Algorithm for Multi-level Queue Scheduling – Akhil Kaushik, Satvika, Manupriya Hasija & Manoj Barnela - International Journal of Computer Science and Network Security (IJCSNS), Vol.14-  No.7, July 2014.

14. Network Simulators for Next Generation Networks: An Overview – Akhil Kaushik, Monika Sharma & Mani Shekhar - International Journal of Mobile Network Communications & Telematics ( IJMNCT) Vol. 4, No.4, August 2014.

15. Design Big Data Knowledge Retrieval Scheme for Industry - Anju & Akhil Kaushik -  IJMRS’s International Journal of Engineering and Sciences, ISSN : 2277-9698, Vol. 4, Iss. 1, March 2015.

16. Implementation of Big-Data on Hadoop Over Single and Pseudo Distributed Node – Ketan Singh Tanwar & Akhil Kaushik -  International Journal of Modern Computer Science, ISSN : 2370-7868, Vol. 4, Iss. 3, June 2016.

17. Enhancing the Diffie-Hellman Algorithm using Fermet’s Theorem – Moni Tanwar & Akhil Kaushik -  International Journal for Research and Development in Technology, ISSN : 2349-3585, Vol. 5, Iss. 6, June 2016.

18. The Evolution of DNA Cryptology – A Review – Akhil Kaushik & Dr. Vikas Thada – International Journal of Electrical Electronics & Computer Science Engineering, E-ISSN : 2348-2273 | P-ISSN : 2454-1222, Vol. 5, Iss. 2, April 2018.

**Publications in Conferences**:-

1. X-MODDES (eXtended Multi Operator Delimiter Based Data Encryption Standard) – Prosanta Gope, Akhil Kaushik, Kushal Arora & Neeraj Kumar - IEEE International Conference on Future Networks (ICFN' 10) conference held in Sanya, China, pp. 399-403, 22-24 January 2010.

2. Block Encryption Standard For Transfer Of Data (BEST) - Akhil kaushik, Manoj Barnela & Anant Kumar - IEEE International Conference on Networking and Information Technology (ICNIT), Manila, Philippines, pp. 381-385, 11-12 June 2010.

3. A Novel Solution based Approach to NLP - An International level research paper based on Natural Language Processing (Artificial Intelligence) published at 'International Conference on Reliability, Infocom Technology and Optimization' (ICRITO), Lingaya's University, Faridabad, Nov 2010.

4. A Partial Symmetric-Key Algorithm for Image Encryption - International Conference on Intelligent System and Data Processing (ICISD 2011), Vallabh Vidyanagar, Gujarat, 1st Jan 2011.

5. A Comparative Performance-based Study of Data Encryption Standards - Akhil Kaushik, Satvika & Manoj Barnela - International Conference on Electronics, Information & Communication Systems Engineering (ICEICE), Jodhpur, Rajasthan, 27-28 March 2011.

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7. K2 Cipher for Small Amount of Data – Akhil Kaushik, Satvika & Krishan Gupta - International Conference on Advanced Communication Technology in Engineering (ICAICTE 2013),  TIT&S Bhiwani, 22-23 Nov 2013.

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14. Comparative Analysis of Handover and Traffic Classes in UMTS using OPNET simulator for Improving QoS – Akhil Kaushik, Satvika & Meenakshi – IEEE Sponsored International Conference on Signal Propagation and Computer Technology (ICSPCT 2014), Ajmer 2014 - 12-13 July 2014  - pp.288-293, ISBN 978-1-4799-3139-2.

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19. Extended Bellman Ford Algorithm with optimized time of computation - Neha & Akhil Kaushik - Springer's International Conference on ICT for Sustainable Development, Ahmadabad India, Print ISBN: 978-981-10-0133-8.

20. Knowledge Based Retrieval Scheme from Big Data for Aviation Industry - Anju & Akhil Kaushik - IEEE 7th Conference on Computational Intelligence and Communication Networks (CICN2015), Jabalpur, Madhya Pradesh, India, 12th Dec 2015.

**Dr. Amit Manocha**

**Research Papers**

1. S.Singh, R.Rishi, A. Manocha & G.Taneja,“Reliability and Availability Analysis of Database System with Standby Unit Provided by the System Provider”, *International Journal of Soft Computing and Engineering*, **3**, No. 2, (2013),235-237.
2. G.Taneja & A. Manocha, “Stochastic and Economic Analysis of 2-out-of-3 unit Ash Water Pump System with Confidence Limits for Failure Rate”, *International Journal of Mathematics and Computation*, **23, No.2,** (2014), 46-61.
3. A. Manocha & G.Taneja, “Stochastic Analysis of a Two-Unit Cold Standby System with Arbitrary Distribution for Life, Repair and Waiting Times”, *International Journal of Performability Enginnering*,**11, No.3**,(2015),293-299.
4. A. Manocha, G.Taneja & S.Singh, “Stochastic and Cost-benefit Analysis of a Two-Unit Hot Standby Database System”, *International Journal of Performability Enginnering*,**13, No.1**,(2017),63-72.
5. A. Manocha, S.Singh & A.Taneja, “Analysis of Hot Standby Database System with Standby Unit Under Constant Observation” *Aryabhatta Journal of Mathematics and Informatics*,**10, No.1**,(2018),25-32.
6. A. Manocha, G.Taneja S.Singh & R.Rishi, “Modelling and Analysis of Two Unit Hot Standby Database System with Random Inspection of Standby Unit” Accepted for Publication in International Journal of Mathematics in Operational Research.

**Ms. Archana Singh , I.T deptt**

**Certifications of conferences and journals (year wise):**

1. Presented paper titled " **The power of mobile cloud"** in ICAICTE-2k13 at T.I.T&S Bhiwani. Author name :ARCHANA singh Parmar, moniks sharma
2. Published paper entitled "**Performance evaluation of Zigbee Protocol with OPNET"** in oct 2014 vol 4 issue 10 in IJARCSSE Author name :Archana singh, bhumika bajaj
3. Contributed paper entitled " **Towards Trusted and secured cloud computing** " April 23-24 2016 at GCRSTS -2016  T.I.T&S Bhiwani Author name : ARCHANA singh parmar, monika sharma
4. Presented paper titled " **Advance RGB Image Stenography based on Randomization"** at GCRSTS-2016. Author name :Archana singh
5. Presented paper titled " **A Big challange** **:Raising Kid in digital Age"** in national seminar on 16 feb 2017  at Vaish college Bhiwani . Author name :archana singh
6. Published paper in IJEECS ,volume 7 ,Issue 4 ,April 2018 ,ISSN 2348-117X titled as "**Power analysis of ECC. Author name :ARCHANA singh, monika dharma, ritu yadav**

**Ms. Jyoti Chaudhary**

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| **Details of Publications with ISSN (till 31/09/2018**) | | | | |  |
| **Sr. No.** | **Title of Paper** | **Publication Citation (Full details)** | **Author** | **National / International** | **ISSN** |
| **1** | CIM- An indispensable Tool | Indian Textile Journal, Feb2010 , PP 62-66 | Jyoti Chaudhary, K N Chatterjee,Shelly Khanna ,Amandeep Kaur | National Journal | ISSN: 0019-6436 |
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| **2** | Virtual Reality- Beyond Imagination | ICCET '10 - International Conference on Computer Engg. & Technology, JIET Jodhpur, 13-14 November 2010 | Jyoti Chaudhary, K N Chatterjee, Shelly Khanna | International Conference |  |
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| **3** | Computer Aided Engineering | MANFEX-2011, National Conference on Manufacturing Excellence, Amity University Noida, 3-4 March 2011 | Jyoti Chaudhary,Shelly Khanna, Amandeep Kaur | National Conference |  |
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| **4** | Wormhole Attack- A Threat in MANET | NCACI-2011,National Conference on Advances in Computational Intelligence ,Satpriya group of Institutions,Rohtak , 9-10 July 2011 | Jyoti Chaudhary, Harish Rohil | National Conference |  |
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| **5** | Simulated Reality: A boon to fashion Industry | Indian Textile Journal, August2011 , PP 60-65 | Jyoti Chaudhary,K N Chatterjee, Shelly Khanna | National Journal | ISSN: 0019-6436 |
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| **6** | Wormhole Attack DiscoveryTechniques - A Review | NCETIE-2011, National Conference on Emerging Trends in Engg., Geeta Engg. College,Panipat, 5-6 September 2011 | Jyoti Chaudhary, Harish Rohil | National Conference |  |
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| **7** | Wormhole Attack - A Review | RTCMC, International Conference on Recent Trends in Computing, Mechatronics & Communication, Om Institute of Tech. & Mgt., Hisar, 25-26 Feb. 2012 | Jyoti Chaudhary, Monika Sharma | International Conference |  |
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| **8** | Steganalysis : An Overview | GCRSTS-2012, National Conference on Global Challenges- Role of Science & Tech. in giving their Solutions, TIT&S, Bhiwani , 3-4 march 2012 | Jyoti Chaudhary | National Conference |  |
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| **9** | Green Computing Management - An Overview | International Conference on Renewable Energy Resources & Management: The Ultimate Source of Survival, JJT University,Jhunjhunu, 16-18 March 2012 | Jyoti Chaudhary, Seema | International Conference |  |
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| **10** | Green IT: A New Era of IT | ICETCSIT-2012, International Conference on Emerging Trends in Computer Science and Information Technology, JJT University, Jhunjhunu, 9-10 April 2012 | Jyoti Chaudhary | International Conference |  |
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| **12** | Analysis of the Performance of Various Algorithms & Interestingness Measures in Association Rule Mining | International Journal of Computer Science & Technology(IJCST),Volume 03,Issue 03, July-September-2012 | Jyoti Chaudhary,Dr. Mukesh Kumar,Gunjan | International Journal | ISSN: 0976-8491 |
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| **14** | Text Steganography Techniques: A Review | International Journal of Engineering Trends & Technology(IJETT),Volume 04,Issue 07, 2013, ISSN: 2231-5381, pp 01-03 | Jyoti Chaudhary, Neha Rani | International Journal | ISSN: 2231-5381 |
| **15** | Improvement of Fault Tolerance Using Checkpoint Optimization Technique in Grid Computing Environment | International Journal of Engineering Trends & Technology(IJETT),Volume 04,Issue 08, 2013, ISSN: 2231-5381, pp 3294-3296 | Jyoti Chaudhary, Sumant Jain | International Journal | ISSN: 2231-5381 |
| **16** | Study of Routing Issues in WSN | AICTE, International Conference on Advanced Information Communication Technology in Engineering. , TIT&S,Bhiwani, 22-23 Nov. 2013, pp 422-424 | Jyoti Chaudhary, Deepika | International Conference | ISBN:978-93-5137-638-5 |
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| **21** | A Review of Various speech Recognition Applications | AICTE, International Conference on Advanced Information Communication Technology in Engineering. , TIT&S,Bhiwani, 22-23 Nov. 2013, pp316-319 | Jyotichaudhary, Navita, Nisha | International Conference | ISBN:978-93-5137-638-5 |
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| **31** | A review of Cluster Based mutant reduction techniques in mutation testing | Inter. Journal of Engg. Tech & Computer Research, Vol 3, May 2015 , pp 1-4 | Jyoti Chaudhary, Neetu Rani | International Journal | eISSN : 2348-2117 |
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| **35** | Optimized WSN using EBFOA | International Conference on Soft Computing Techniques and implementation, 8-10 October, 2015 | Jyoti Chaudhary, Annu | IEEE International Conference |  |
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| **36** | Comparative Analysis of Mutant Reduction Techniques in Mutation Testing | World Academy of Informatics and Management Sciences Volume 5 Issue I  (December -January 2016) Page No: 5107 - 5111 | Jyoti Chaudhary,  Dr. Mukesh Kumar | International Journal | ISSN (online): 2278 -1315 |
| **37** | Reviewing Cost Reduction Techniques in Mutation testing | UGC Sponsored National Conference on Global Challenges –Role of science & technology in imparting their solutions, 23-24 April 2016 | Jyoti Chaudhary,  Dr. Mukesh Kumar | UGC Sponsored National Conference | ISBN: 978-81-909307-3-4 |
| **38** | Mutation Testing: A Promising Phase of Software Testing | UGC Sponsored National Conference on Global Challenges –Role of science & technology in imparting their solutions, 23-24 April 2016 | Ms. Jyoti Chaudhary,  Ms. Mansi Uppal | UGC Sponsored National Conference | ISBN: 978-81-909307-3-4 |
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| 41 | Evaluating the Performance of Algorithm by Different Routing Policies in DTN | International Journal For Research & Development in Technology, Volume : 5, Issue 65, June 2016 | Ms. Jyoti Chaudhary,  Ms. Mansi Uppal | International Journal |  |
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| 44 | A Hybrid Approach for Optimal test Case generation in Mutation testing | National Conference on Advances in Multidisciplinary Aspects of Science & Engineering (AMASE-2016), November 23,2016 | Jyoti Chaudhary, Dr. Mukesh Kumar | (CIL) Central Instrumentation in Association with Indian Society of Analytical Sciences (ISAS)- Delhi Chapter |  |
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| 45 | Reviewing Automatic Test Data Generation | International Journal of Engineering Science and Computing, (IJESC) Volume : 7, Issue 5 ,Pp 11432-11435, May 2017 | Jyoti Chaudhary, Dr. Mukesh Kumar | International Journal |  |
| 46 | Nature Propelled Mutation Testing Techniques: PeSO and ABC | International Journal of Research and Scientific Innovation (IJRSI),Volume 4, Issue 7, Pp 145-151July 2017 | Jyoti Chaudhary, Dr. Mukesh Kumar | International Journal | ISSN: 2321-2705 |
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| 49 | Machine Learning: Exploring new horizons in Software Testing | National Seminar on Recent Trends in Science and Technology: A Computational Approach (RTSTCA-2018), Organized by Ch. Bansi Lal University, Bhiwani, March 22, 2018. | Jyoti Chaudhary, Dr. Mukesh Kumar | National Seminar |  |
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**Sh. Kamal Sardana**

**Research Paper Presented/Published:** **(2012 to Sept.2018)**

**International Journal**

1. Kamal Sardana; International Journal of Engineering Trend In Electrical and Electronics “Development of Optimizing of a Neural Network for offline Signature Recognition. Vol.14, Issue 1, June 2013

2 Kamal Sardana “Dispersion in Optical Fibers”, in cross-sectional (Multidisciplinary International Research Journal) Vol 1, August 2014; pages 97-102.

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**Ms. Meenakshi Chawla**

**Papers in International Conferences**

* Meenakshi Chawla **“Performance Analysis of QoS For WIMAX Using Opnet** “ in  **IEEE** International Conference on Computer Communication and Control (IC4-2015) organizing by MEDI-CAPS Indore 10-12 September 2015. India Using Opnet “
* Meenakshi Chawla **“ VoIP Performance over WIMAX Access Network using Opnet** “ in ICTTM an international conference on Telecommunication Technology and Management held during April 11-12 ,2015 at Bharti school of Telecommunication Technology and management, IIT Delhi ,India.
* Meenakshi Chawla **“ Analysis of Encryption DGRP-DATA Gather Routing Protocol Based on Opnet in Vanet** “ accepted in IEEE 7th international conferenceon Computational Intelligence and Communication Network (CICN 2015) Jabalpur,MP,India 12 Dec. 201.
* Meenakshi Chawla “ A survey for Vanet Platform Network & Simulation Tools “ Accepted for Proceeding in International conference on telecommunication Technology and Management held during April 11-12 ,2015 at Bharti school of Telecommunication Technology and management, IIT Delhi ,India.
* Meenakshi, **” Object Oriented Reverse Engineering& their basic practices**
* **AUTHORS “ in International Conference on** **“**INTERNATIONAL CONFERENCE ADVANCED INFORMATION COMMUNICATION TECHNOLOGY IN ENGINEERING -ICAICTE-2K13”, organized by TIT&S collaboration with AICTE/CSI Bhiwani in November 22-23 2013.
* Meenakshi, **”**  **Reverse Engineering to Requirement Reengineering Activity “** in International Conference on “ INTERNATIONAL CONFERENCE ADVANCED INFORMATION COMMUNICATION TECHNOLOGY IN ENGINEERING -ICAICTE-2K13”, organized by TIT&S collaboration with AICTE/CSI Bhiwani in November 22-23 2013.
* Meenakshi **“ E-waste Hazard :Challenge for India** “ presented a paper in International Conference held on Feb 25-26 2012 organized by OM institute of Technology & Management ,Hisar.

**Papers in National Conferences**

1. Meenakshi Chawla **“Case Study of LTE : Long Term Evolution”,** Accepted in National Conference on Innovative Trends in Computer Science Engineering (ITCSE-2015),BRCM college of Engineering & Technology Bahal,4th April 2015.

**Papers in International Journal**

1. Meenakshi Chawla **“Protocol Change Pseudonyms for Vanet”** Accepted in International Journal of Computer science and Mobile Computing (IJCSMC), in Volume 4, issue 7 Publication on July 2015.

2. Meenakshi Chawla  **“Performance Analysis of VoIP Codec’s with QoS parameters “ accepted in** International journal of Advance Foundation and Research in computer (IJAFRC) 5, Volume- 2, issue 5,May 2015.

3. Published a Paper **“ A case study Approach on User Input Parameters for User Input Reuse”** in International journal of Advance Foundation and Research in computer (IJAIONALFRC) Issn:22348-4853 June 2015.

4. Meenakshi Chawla **“Study of Protocol change Pseudonyms (PCP) For Vanet“.** Accepted in International Journal of Computer science and Mobile Computing (IJCSMC), in Volume 4, issue 7 Publication on 12 Dec 2015.

5. Meenakshi Chawla “Comparison of AODV, AOMDV & AODV with Blackhole Attack in MANET in NS2” Published in international journal for Research and Development in technology (IJRDT), in volume 3, ISSN (O)-23493585.

**MUKTA GOEL**

**Branch: IT**

**Papers in journals (International)**

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| S. No. | Name of journal | Paper name | **Author/s** | Date |
| 1 | IJSR, Vol. 2, issue 2 | Comparative analysis of hybrid transform domain image steganography embedding techniques | **Mukta goel**  **Rohit goel** | Feb 2013 |
| 2 | VSRD INTERNATIONAL JOURNAL OF COMPUTER SCIENCE & INFORMATION TECHNOLOGY, Vol. III, issue 2 | Current Image Steganography Techniques for Higher Compression and Robustness | **Mukta goel**  **Rohit goel** | Feb. 2013 |
| 3 | IJARCSSE | Comparative Analysis of Wavelet Filters on Hybrid Transform Domain Image Steganography Techniques | **Mukta goel**  **Rohit goel** | Aug.2013 |
| 4 | IJAR | A block and pixel level parametric fuzzy technique to improve fusion process on temporal images | **Mukta goel**  **Rohit goel** | Oct 2014 |
| 5 | IJEECSE | Comparative analysis of vertical fragmentation techniques in distributed environment | Mukta Goel, Shalini Bhasker Bajaj | Feb 2018 |

**International Conferences**

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| S. No. | Name of the conference | Name of paper | Date | Author | Place |
| 1 | International conference On ICAICTE – 2K13 | Analysis of effects of jitter on available bandwidth using user datagram protocol | 22-23/11/13 | Mukta Goel, Rewa Sharma | TITS, Bhiwani |
| 2 | ICRITO 2014 | A multi parametric analysis based dynamic masking approach to improve embedding security | 8-10/10/2014 | Neha baweja  Mukta goel  Rohit goel | Amity University (IEEE technically Co-sponsored by Amity) |
| 3 | 5th International Conference Confluence 2014  The next generation IT summit | A multi factor based fusion approach for real time sequence images | 25-26/09/2014 | Ravi kant  Mukta goel  Rohit goel | Amity University  (IEEE sponsored) |
| 4 | CICN2015 | Tagging face using feature based face detection | 2015 | Sonia sharma  Mukta goel  Rohit goel | Jabalpur |
| 5 | ICICT | Partition Based frequent closed pattern miner | 2015 | Anu soni  Mukta goel  Rohit goel | Ahmadabad |
| 6 | ISACC | 3 Dimensional Frequent Closed Pattern Miner | 14-15/09/2015 | Anu soni  Mukta goel  Rohit goel | Silchar |

**National conferences**

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| **1** | 2nd National conference on advance in computing communication network and electrical system | A review of feature extraction in image steganography | 27-28 feb 2014 | Mukta Goel, Neha Baweja | UIET, Rohtak  (TEOIP sponsored) |
| **2** | National Conference on Innovative Trends in Computer Science Engineering | Comparative study of image enhancement using histogram equalization based processing techniques | 4/4/2015 | Sonia sharma  Mukta goel  Rohit goel | BRCMCET, BAHAL |
| **3** | National Conference on Innovative Trends in Computer Science Engineering | Comparative Study of Clustering Techniques in Data Mining | 4/4/2015 | Anu soni  Mukta goel  Rohit goel | BRCMCET, BAHAL |
| **4** | UGC Sponsored National Conference on Global Challenges-Role of Science and Technology in Imparting Their Solutions(GCRSTS-2016) | Detection of fraudlent transaction using HMM | 23-24/4/2016 | Shilpa  Mukta  Rohit | TIT&S,Bhiwani |
| **5** | UGC Sponsored National Conference on Global Challenges-Role of Science and Technology in Imparting Their Solutions(GCRSTS-2016) | Comparative Study of Various Image Enhancement Techniques | 23-24/4/2016 | Sonia  Mukta  Rohit | TIT&S,Bhiwani |

**Ms. Nidhi Sharma**

**1. Publication of Papers/Articles(International Journal)**

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| --- | --- | --- | --- | --- |
| S.No. | Title of Paper | Author/s | Detail of Publisher | National/International Journal |
| 1 | A New Encrypting Scheme for Hiding Text Messages | Ms.Nidhi Sharma, Alok Sharma | International Journal of Advances in Computer Networks and its Security January-June 2011, Volume 1, No. 1, ISSN 2250-3757 | International Journal |
| 2 | A more secure hashing scheme for information authentication | Ms.Nidhi Sharma, Alok Sharma | National Workshop-Cum-Conference on Recent Trends in Mathematics and  computing (RTMC) 2011 Proceedings published in International Journal of  Computer Applications (IJCA)  . | International Journal |
| 3 | New Cryptographic Hash Algorithm to Secure Stegnographic File | Ms.Nidhi Sharma, Alok Sharma | International Journal of Computer, Electronics and Electrical Engineering, August 2012, Volume 2, Issue4, ISSN 2249-9997 | International Journal |
| 4 | Improvements of Stegnographic Parameter in Binary Images & JPEG images against Steganalysis | Ms.Nidhi Sharma, Alok Sharma | IJESRT, 30 Aug 2013 ISSN:2277-9655 | International Journal |
| 5 | Hiding Image in Audio using DWT and LSB | Ms.Nidhi Sharma,Neha | International Journal of Computer Applications (IJCA),Vol 81,Number 2,November 2013. | International Journal |
| 6 | Security and usability analysis & password agent | Ms.Nidhi Sharma,Seema | International Journal of Computer science and mobile    computing (IJCSMC),vol4,              issue5, may2015 | International Journal |
| 7 | An Optimized algorithm for k-length freq pattern search over DNA sequence | Ms.Nidhi Sharma,Vandana | International Journal of Computer science and mobile computing (IJCSMC),vol4,              issue8,Aug15 | International Journal |
| 8 | Introducing a new tech for making a secure steganosystem | Ms.Nidhi Sharma,Gopesh Sardana | International Journal of Modern Computer Science  IJMCS,vol4,issue3,june2016 | International Journal |
| 9 | Analysis of Security Schemes | Ms.Nidhi Sharma, Alok Sharma | International journal of current research in science and technology, (IJCRST), vol 3, issue 5, may 2017. | International Journal |

**2. Publication of Books**

|  |  |  |  |
| --- | --- | --- | --- |
| **S.No.** | **Title of Book** | **Author/s** | **Detail of Publisher** |
| **1** | **Security of Information System** | **Nidhi,Alok Sharma** | **June 2013** with **Dhanpat Rai & Co. Ltd** publishing House |

**3. National Conference Attended**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| S.No. | Name of Activity | Title of Paper | Author | Publication detail with date |
| 1 | National Conference | Role of IT tools in Business strategy transformation | Ms.Nidhi Sharma | National Conference on Strategic Transformation in Globalised Era 26-Feb-11 |
| 2 | National Conference | Mobile agent architecture for heterogeneous devices | Ms.Nidhi Sharma | National workshop cum conference on mathematics & computing (5/21/2011) |
| 3 | National Conference | A Review on Image Security techniques | Ms.Nidhi Sharma | National Conference on RDIES-2014 at BITS,Bhiwani(29-11-2014) |
| 4 | National Conference | Designing a Cryptographic algorithm for privacy preserving in Data Mining | Ms.Nidhi Sharma | National Conference on GCRSTS-2016 at TITS,Bhiwani(23-24 April,2016) |
| 5 | National Conference | Enhancing the Security Scheme | Ms.Nidhi Sharma, Alok Sharma, Dr.Ankit Kumar | National Conference on Advances in Multidisciplinary Aspects of Science & Engineering (AMASE-2016), November 23,2016 (CIL) in Association with (ISAS)- Delhi Chapter |

**4. International Conference Attended**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| S.No. | Name of Activity | Title of Paper | Author | Publication detail with date |
| 1 | Inter National Conference | Black hole node attack in MANET | nidhi,alok | International Conference on Advance computing & commn. Technologies7-8 Jan,2012(by RG educ society,Rohtak) |
| 2 | Inter National Conference | Text Hiding using Stegnography | nidhi,Harish,Alok | International Conference "RTCMC - 2012"(25-26th Feb,12) by OITM,Hisar |
| 3 | Inter National Conference | Hiding Image in Audio using DWT and LSB. | Nidhi | International Conference on Advanced Information Communication Technology in Engineering Nov 22-23, 2013 at TIT&S, Bhiwani. |
| 4 | Inter National Conference | An improved hashing based password security scheme using salting & differential masking | Nidhi,Seema,Alok Sharma | ICRITO (Int.conf on infocom tech, optimization),Sept 2015,IEEE |
| 5 | Inter National Conference | An Optimized tabular structure based pattern search over DNA String | Nidhi,Vandana | International Conference on Soft Computing Techniques and Implementations.8-10 oct 2015 supported by IEEE. |
| 6 | Inter National Conference | A secure mail system using Data Mining and image steganography | Nidhi,Ruchi | International Conference on Advances in information communication tech & computing(AICTC-2016) Rajasthan (11-12 Aug 2016) |
| 7 | Inter National Conference | An improved password security scheme | Ms.Nidhi Sharma, Alok Sharma, Dr.Ankit Kumar | International Conference on Advance computing & commn. Technologies3-4 sept,2016(by RG educ society,Rohtak) |
| 8 | Inter National Conference | A New Algorithm to Secure Image Steganographic File | Ms.Nidhi Sharma, Alok Sharma, | Seventh International Conference on Cloud Computing, Data Science and Engineering, Confluence 2017, (12-13) Jan 2017, IEEE. |
| 9 | Inter National Conference | An Improved Authentication Security Scheme | Ms.Nidhi Sharma, Alok Sharma, | **International conference on Computational Intelligence and Communication Technology, CICT 2017, (4-5) Nov. 2017, at BMIET, sonepat.** |
| 10 | Inter National Conference | Hundred Percent Secure and Pure Steganography without Password Protection | Ms.Nidhi Sharma, Alok Sharma, | **International conference on Computational Intelligence and Communication Technology, CICT 2017, (4-5) Nov. 2017, at BMIET, sonepat.** |

**Ms.Monika Sharma**

**1. Publication of Papers/Articles**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| S.No. | Title of Paper | Author/s | Detail of Publisher | National/International Journal |
| 1 | Critical Review of Elliptical Curve Digital Signature Algorithm | Ms.Monika Sharma ,  Shweta | International Journal of Scientific and Engineering research January-June 2011, Volume 4,issue 10,Oct2013 | International Journal |
| 2 | A Review of K-mean Algorithm | Ms.Monika Sharma ,Jyoti | International Journal of Engineering treands and Technology(IJETT) vol-4,issue-7  . | International Journal |
| 3 | Performance Evaluation of Zigbee Protocol with OPNET | Ms.Monika Sharma,Deepika | International Journal of Advanced research in Computer Science and Software Engineering Oct 2014, Volume 4, Issue10, ISSN 22777-6451 | International Journal |
| 4 | Anatomy of Data breaches and its Impact on Security | Ms.Monika Sharma,Anshu | International Journal of Science and research June 2015, Volume 4, Issue6 | International Journal |
| 5 | Encrypting KMP for IDS Using Matlab | Ms.Monika Sharma,Anshu | International Journal of Science and research (IJSR)Aug 2015, Volume 4, Issue8 | International Journal |
| 6 | A Study on object Classification Approaches | MsMonika Sharma,  Poonam | International Journal of Computer science and mobile    computing (IJCSMC),vol4,              issue5, may2015 | International Journal |
| 7 | Comparison of movement Model in DTN using Routing Algorithm by Varying the nodes | MsMonika Sharma,  Priyanka | International Journal for Research in Applied Science and Engineering Technology(IJRASET),vol4,              issue6,June16 | International Journal |
| 8 | Big Data Analysis using Hadoop and MongaDB | MsMonika Sharma,  Praveen | International Journal of Modern Computer Science  IJMCS,vol4,issue3,june2016 | International Journal |

**National Conference Attended**

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| --- | --- | --- | --- | --- |
| S.No. | Name of Activity | Title of Paper | Author | Publication detail with date |
| 1 | National Conference | Integration of Virtualization and Cloud Computing | Ms Monika Sharma,Archana Parmar | National Workshop-cum-Conference on Recent Trends in Mathematics and Computing(RTMC”11),(21 May2011) |
| 2 | National Conference | A More Secure Hashing Scheme for Information Authentication | Ms Monika Sharma,Nidhi Sharma | National Workshop-cum-Conference on Recent Trends in Mathematics and Computing(RTMC”11),(21 May2011) |
|  |  |  |  |  |
| 3 | National Conference | Cyber Sieve-A Web Content Filtering Module | Monika Sharma,Manju Sharma | National Conference on GCRSTS-2012 at TITS,Bhiwani(3-4 Marchl,2012) |
| 4 | National Conference | Cloud New Horizon for Technology | .Monika Sharma,Deepika | National Conference on Advances in Computing Communication Networks and Electrical System(27-28 Feb2014) |
| 5 | National Conference | Clustering technique in Data Mining | Ms.Monika Sharma,Dheeraj | National Conference on Advances in Computing Communication Networks and Electrical System(27-28 Feb2014) |
| 6 | National Conference | A Review on Connected Target Coverage in Sensor Network | Ms.Monika Sharma,Savita | National Conference on Advances in Computing Communication Networks and Electrical System(27-28 Feb2014) |
| 7 | National Conference | Evaluation the Performance of Routing Algorithm in DTN | Ms.monika Sharma,Priyanka | National Conference on GCRSTS-2016 at TITS,Bhiwani(23-24 April,2016) |
| 8 | National Conference | Study of Big Data technology and Analytics | MsMonika Sharma, Praveen | National Conference on GCRSTS-2016 at TITS,Bhiwani(23-24 April,2016) |

**International Conferences**

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| --- | --- | --- | --- | --- |
| S.No. | Name of Activity | Title of Paper | Author | Publication detail with date |
| 1 | Inter National Conference | Dark side of cloud computing | Monika sharma | International Conference on Emerging Trends in Computer Science & Information technology(26 Feb2011) at GGI,khanna(Punjab) |
| 2 | Inter National Conference | New G of  Computing:  Cloud Computing | Monika Sharma  ,Archana Parmar | International Conference on Advanced Information Communication Technology in Engineering Nov 22-23, 2013 at TIT&S, Bhiwani. |
| 3 | Inter National Conference | The power of Mobile Cloud | Monika Sharma  ,Archana Parmar | International Conference on Advanced Information Communication Technology in Engineering Nov 22-23, 2013 at TIT&S, Bhiwani. |
| 4 | Inter National Conference | Automatic K-Detection Algorithm | Monika,  Jyoti | International Conference on ICMIRA-2013,SMVDU,Katra,Jammu.  (21-23Dec2013) |
| 5 | Inter National Conference | An Efficient Elliptic Curve Digital Signature Algorithm | Ms Monika Sharma  ,  Shweta | International Conference on ICMIRA-2013,SMVDU,Katra,Jammu.  (21-23Dec2013) |
| 6 | Inter National Conference | ACO and PSO Based Hybrid Clustering Algorithm | Ms.Monika Sharma,  Dheeraj | International Conference on Computational Intelligence and Communication Networks(CICN-2014)(14-16 Nov 2014)(IEEE Sponsored) |
| 7 | Inter National Conference | A Zone Adaptive Distance and Failure Analysis Approach for reliable Target Tracking | Ms.Monika Sharma,  Savita Saroha | International Conference (IEEE Sponsored),Amity university,Uttar Pardesh,25-26 Sept2014 |
| 8 | Inter National Conference | Analysis and Implementation of BRO IDS Using Cloud Computing | Ms Monika Sharma,  Anshu | International Conference held at Manav Rachana,Fridabad(IEEE Sponsored)2015 |
| 9 | Inter National Conference | A Corner feature Adaptive Neural Network Model for Partial Object Recognition | Ms Monika Sharma,  Poonam | International Conference on Reliability,Infocom technology and Optimization(ICRITO”2015),AUUP,Noida(2-4 Sept2015) |

**Dr. Samridhi Tanwar**

**DEPARTMENT OF MANAGEMENT STUDIES**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Sr No.** | **Author Name** | **Title** | **Journal/Book Name** | **Vol/No/Year** | **Page No** |
| 1 | Samridhi Tanwar, Neeraj Kaushik, V. K. Kaushik | Assessing the Gender Influence on Perception of Service Quality: A Study of Shop-in-Shop in India | International Journal of Marketing and Business Communication | Vol. I, No. II, April 2012 | 43-49 |
| 2 | Samridhi Tanwar, V.K.Kaushik | Women Entrepreneurs – Transforming and Reshaping Leadership | Book on Strategic Transformation in Globalised Era | 2012 | 269-282 |
| 3 | Samridhi Tanwar, Neeraj Kaushik, V. K. Kaushik | Smartening Indian Retail Sector with Radio Frequency Identification | Vels Management Journal | Vol. I, No. I, July, 2012 | 10-18 |
| 4 | Samridhi Tanwar, Neeraj Kaushik, V. K. Kaushik | Evaluating the Impact of Retail Service Quality on Behavioural Intentions - A Study of Organised Food Sector | Asia-Pacific Marketing Review | Vol. I, No. I, Jan- June 2012 | 27-35 |
| 5 | Priyanka Garg, Nisha Kataria, Samridhi Tanwar | Customer’s Perception of Service Quality towards Banks | Sandesh-Mastnath Journal of Management | Vol. VII, No. 1-4, January- December 2013 | 41-52 |
| 6 | Samridhi Tanwar, Neeraj Kaushik, V. K. Kaushik | Dimensions of Service Quality in Apparel Retailing: A Case from National Capital Region | Vishwakarma Business Review | Vol. III, No. I, Jan 2013 | 5-15 |
| 7 | Samridhi Tanwar, V. K. Kaushik | Customers’ Evaluation of Service Quality – A Study of Retail Apparel Stores in India | Apeejay Journal of Management and Technology | Vol. VIII, No. I, Jan 2013 | 71-79 |
| 8 | Samridhi Tanwar | Prioritizing Service Retail Attributes: A Study of Indian Apparel Retail Stores | Journal of Marketing and Communication | Vol. IX, No. II, Sept-Dec 2013 | 52-61 |
| 9 | Sanjeev Mittal, Samridhi Tanwar, V. K. Kaushik | Measuring Retail Service Quality, Customer Satisfaction, and Behavioural Intentions in Organised Retail Sector | DIAS Technology Review- The International Journal of Business & IT | Vol. IX, No. II, October-March 2013 | 17-29 |
| 10 | Rajshree Garg, Samridhi Tanwar | Life Skills Education For Sustainable Development And Empowerment | Book on Developmental Prospects of Life Skills | 2014 | 164-167 |
| 11 | Samridhi Tanwar | Foreign Direct Investment in Indian Retail Sector | Book on Recent Researches in Changing Landscape of Indian Financial Sector | 2014 | 356-359 |
| 12 | Samridhi Tanwar, V. K. Kaushik | An Investigation of the Relationship among Service Quality, Repurchase and Recommendation Intentions in Organised Retail Sector | Book on Advances in Management For Business Excellence | February 2015 | 381-390 |
| 13 | Samridhi Tanwar, V. K. Kaushik | Excellent Service Quality: Retailer’s Strategy for Arousing Customer’s Repurchase Intention | Book on Strategies for Business Excellence | March, 2015 | 322-330 |
| 14 | Samridhi Tanwar, V. K. Kaushik | Retail Service Quality Scale: Re-examining its Applicability in Indian Organised Retail Sector | Book on Strategies for Global Competitiveness and Economic Growth | September, 2015 | 308-320 |
| 15 | Samridhi Tanwar, V. K. Kaushik | Determining the Relative Importance of Critical Factors in Delivering Retail Service Quality: A Lesson for Indian Retailers | Apeejay Journal of Management and Technology | Vol. X, No. I, January 2015 | 1-11 |
| 16 | Samridhi Tanwar | Customer Perception on Retail Service Quality: The Case of Food and Grocery Retailing | FIIB Business Review | Vol. IV, No. III, October-March 2015 | 46-55 |
| 17 | Samridhi Tanwar | Trends and Patterns of Foreign Direct Investment in India- An Overview | Book on Advances in Economics and Business Management | Vol. II, No. XIV, October-December 2015 | 1354-1358 |
| 18 | Samridhi Tanwar, Neeraj Kaushik | Students Perception on Service Quality: The Case of Engineering Institutions | International Scholarly Research Journal For Interdisciplinary Studies | Vol. I, February 2016 | 114-121 |
| 19 | Samridhi Tanwar, Neelam, Monu Bhardwaj | Social Media: Analysing its Impact on Student’s Life | Book on Innovative Practices in Information Technology and Operations Management | May 2016 | 91-93 |
| 20 | Samridhi Tanwar | The Impact of Service Quality on Customer Satisfaction: A Comprehensive Approach Using Discriminant Analysis | Book on Advances in Management | December 2016 | 14-22 |
| 21 | Samridhi Tanwar, Monika Aggarwal, Chandan Parsad | Preliminary Statistical Analysis of Steel Industry | Shiv Shakti International Journal in Multidisciplinary and Academic Research | Vol. V, No. VI, 2016 | 1-11 |
| 22 | Samridhi Tanwar, Monu Bhardwaj | Internet Marketing: Opportunity and Challenges in Special Reference to India | Book on Innovation and Sustainable Development in Business Management | December 2016 | 197-201 |
| 23 | Samridhi Tanwar, Monika Aggarwal, Chandan Parsad | Role of the Price Discrimination For Determining the Demand: A Special Reference For TV Advertisement Broadcasting Industry | South Asian Journal of Marketing & Management Research | Vol. VII, No. II, February 2017 | 35-42 |
| 24 | Samridhi Tanwar | Green Consumerism: The Need of the Hour | South Asian Journal of Marketing & Management Research | Vol. VII, No. VII, February 2017 | 5-13 |
| 25 | Monika Agrawal, Samridhi Tanwar | Importance of Servicescape in Service Quality | Book on Management in the New Millennium | 2018 | 99-105 |
| 26 | Monika Agrawal, Samridhi Tanwar | Service Quality, Customer Oriented Marketing and Customer Value | Book on Responsible Marketing | 2018 | 349-354 |
| 27 | V. K. Kaushik, Monisha, Samridhi Tanwar | Service Quality Factors Stimulating Customer Satisfaction in E-banking | International Journal of Advances in Arts, Sciences and Engineering | Vol. VII, No. XIV, July 2018 | 1-12 |
| 28 | Amit Naru, V.K. Kaushik, Samridhi Tanwar | Customers Perception Towards Marketing Strategies Adopted By Indian Telecom Companies | TRANS Asian Journal of Marketing & Management Research | Vol. VII, No. VII, July 2018 | 4-16 |
| 29 | Samridhi Tanwar | Linking Perceived Service Quality with Price Sensitivity: Using Multiple Regression Analysis | Book on Advances in Business and Management | 2018 | 174-190 |
| 30 | Monika Aggarwal, Samridhi Tanwar | A Study of Service Quality Determinants in Life Insurance Sector | RESEARCH REVIEW International Journal of Multidisciplinary | Vol. III, No. IX, September 2018 | 622-626 |

**Sh. Satish Khatak**

**International Journal**

1. Satish Khatak, GP Singh; paper “Photonic Crystal Fiber-A Novel medium for Light Propagation” in International Journal of Advanced Research in Science & Engineering (ISSN 2319-8354)Volume 03,Issue No. 08 ,August 2014;Pages:-159-166.

2. Satish Khatak, GP Singh; paper “Affects of Varying the Parameters on Supercontinuum in PCF” in International Journal of Advanced Research in Electrical, Electronics and Instrumentation Engineering (ISSN 2320-3765)Volume 03, Issue 09,September 2014;Pages:-12058-12067.

3. Satish Khatak, Rajeev Sharma,; paper “Governance System for Failure Anticipation in Hybrid/Optical Networks” in International Journal of Advanced Research in Engineering and Technology (IJARET)(ISSN Print:0976-6480 ),pp.68-77,Volume 7, Issue 1,Jan-Feb. 2018;Pages:-68-77.

4. Satish Khatak, GP Singh; paper “Emerging Prospects of Photonic Crystal Fibers” in International Journal of on Future Revolution in Computer Science & Communication Engineering (IJFRCSCE)(ISSN No.2454-4248), Volume 4, Issue 3,March 2018;Pages:-178-181.

5. Satish Khatak, GP Singh; paper “Solitons in PCF” in International Journal of Latest Trends in Engineering and Technology(IJLTET) (eISSN No.2278-621X), Volume 10, Issue 2,April 2018;Pages:-167-171.

6. Satish Khatak, GP Singh; paper “Dispersion Management in Photonic Crystal Fibers” in International Journal of Electronics Engineering (IJEE ) (ISSN: 0973-7383), Volume-10, Issue-1, Jan-June 2018;Pages:-146-152.

7. Rajeev Sharma, Satish Khatak,; paper “Propagation of femtosecond pulses in single mode fibers with dispersion and higher order nonlinearity ” in International Journal of Advanced Research in Engineering and Technology (IJARET)(ISSN Print:0976-6480 ),Volume 9, Issue 3,May-June. 2018;Pages:-.25-28.

**Satvika**

## **Publications in Journal:-**

1. FBR Cryptosystem for Enhanced Security - Akhil Kaushik, Manoj Barnela & Satvika Khanna - International Journal of Advanced Research in Computer Science(IJARCS),ISSN No. 0976-5697, Sep-Oct 2010, Vol. 1 Issue 3, pp. 127-130.

2. Stream Encryption Standard for Digital Images (SES) - Akhil Kaushik, Satvika Khanna, Manoj Barnela and Anant Kumar - International Journal of Computer and Electrical Engineering (IJCEE), Vol. 3, No. 2, April, 2011, ISSN: 1793-8163. pp. 240-243.

3. A Novel Expert System for PC Network Troubleshooting and Maintenance - Akhil Kaushik, Harish Kumar, Satvika & Manoj Barnela - International Journal of Advanced Research in Computer Science(IJARCS),ISSN No. 0976-5697, May-June 2011, Vol. 2 Issue 3, pp. 201-203.

4. Wireless Sensor Network: Issues & Challenges - Satvika Khanna, Priyanka Singh, Akhil Kaushik - International Journal of Mathematical Archive (IJMA) - Vol 2, No 11 (2011) - ISSN no. 2229 - 5046, pp. 2201-2204.

5. Keyless User Defined Optimal Security Encryption (KUDOS) - Akhil Kaushik, Satvika, Manoj Barnela, and Anant Kumar - International Journal of Computer and Electrical Engineering (IJCEE), Vol.4, No.2, April 2012, pp. 99-103.

6. Printer Troubleshooting Expert System - Akhil Kaushik, Satvika & Manoj Barnela - International Journal of Advanced Research in Computer Science and Software Engineering (IJARCSSE) - Volume 2, Issue 10, October 2012 ISSN: 2277 128X - pp. 164-168.

7. Chaotic Image Encryption Standard (CIES) - Akhil Kaushik, Satvika & Manoj Barnela - International Journal of Computer Applications (0975 – 8887), Volume 57– No.8, November 2012 - pp. 46-49.

8. MAC Addresses – The Future of Intra-organization Communication - Akhil Kaushik, Satvika, Manoj Barnela & Lovleen Girdhar - UACEE International Journal of Advances in Computer Networks and its Security - Volume 2: Issue 3 [ISSN 2250 - 3757] - pp. 180-183.

9. Extended Diffie-Hellman Algorithm for Key Exchange and Management – Akhil Kaushik & Satvika – International Journal of Advances in Engineering Sciences, Vol 3, Iss. 3, July 2013, e-ISSN No. 2231-0347, Print ISSN No. 2231-2013 published in (International Conference on Emerging Trends in Engineering & Management (ICETEM 2013),  Satpriya Group Of Institutions, Rohtak, 20-21 July 2013).

10. D-MMLQ Algorithm for Multi-level Queue Scheduling – Manupriya Hasija, Akhil Kaushik, Satvika Kaushik & Manoj Barnela - International Journal of Computer Science and Network Security (IJCSNS) - ISSN NO.  1738-7906, VOL.14 No.7, July 2014, pp. 90-94.

11. A New Technique to Personalize the Embedded Ads of a Website code using Web usage and Web Content Mining –Hitesh Jain & Satvika - International Journal of Modern Computer Science (IJMCS) - ISSN NO.  2320-7868, VOL.4 No.3, June 2016, pp. 90-94.  
  
12. Text Categorization on Multiple Languages using Classification Technique –Hitesh Jain & Satvika - International Journal of Computer Science and Information Technologies (IJCSIT) - ISSN NO.  0975-9646, VOL.7 No.3, June 2016, pp. 1578-81.

13. A Contemporary Review on Aspect-based Sentimental Analysis - Journal of Emerging Technologies and Innovative Research, ISSN : 2349-5162, Vol. 5, Iss. 7, July 2018.

## **Publications in Conferences:-**

1. A Partial Symmetric-Key Algorithm for Image Encryption - Akhil Kaushik, Satvika & Manoj Barnela - International Conference on Intelligent System and Data Processing (ICISD 2011), Vallabh Vidyanagar, Gujarat, 1st Jan 2011.

2. A Comparative Performance-based Study of Data Encryption Standards - Akhil Kaushik, Satvika & Manoj Barnela - International Conference on Electronics, Information & Communication Systems Engineering (ICEICE), Jodhpur, Rajasthan, 27-28 March 2011.

3. Analysis and Comparison of Alerts Generated For The Particular Attack With Respect To Several Protocols – Akhil Kaushik, Satvika & Manoj Barnela - International Conference on Emerging Trends in Engineering & Management (ICETEM 2012),  Satpriya Group Of Institutions, Rohtak, 23-24 June 2012, ISBN No. 978-981-07-2631-7, pp. 23-24.

4. K2 Cipher for Small Amount of Data – Akhil Kaushik, Satvika & Krishan Gupta - International Conference on Advanced Communication Technology in Engineering (ICAICTE 2013),  TIT&S Bhiwani, 22-23 Nov 2013.

5. A Critic on Block Cipher Modes – Akhil Kaushik, Satvika,  Naresh & Manoj Barnela - International Conference on Advanced Communication Technology in Engineering (ICAICTE 2013),  TIT&S Bhiwani, 22-23 Nov 2013.

6. Extended Diffie-Hellman Algorithm for Key Exchange and Management – Akhil Kaushik & Satvika -International Conference on Emerging Trends in Engineering & Management (ICETEM 2013),  Satpriya Group Of Institutions, Rohtak, 20-21 July 2013.

7. Performance Comparison Of Routing Protocols Using OPNET UMTS Model Suite – Akhil Kaushik, Satvika & Meenakshi – IEEE sponsored  International Conference on Signal Propagation and Computer Technology (ICSPCT 2014), Ajmer - 12-13 July 2014  - pp. 668 – 672.

8. QoS Parameter Evaluation of UMTS under EIGRP, IGRP and RIP using OPNET - Akhil Kaushik, Satvika & Meenakshi – IEEE sponsored International Conference on Communications and Signal Processing (ICCSP 2014), 3-5th April 2014, pp. 399–403, ISBN 978-1-4799-3357-0.

1. Comparative Analysis of Handover and Traffic Classes in UMTS using OPNET simulator for Improving QoS – Akhil Kaushik, Satvika & Meenakshi – IEEE Sponsored International Conference on Signal Propagation and Computer Technology (ICSPCT 2014), Ajmer 2014 - 12-13 July 2014  - pp.288-293, ISBN 978-1-4799-3139-2.
2. 10. A Two Stage Hybrid Model For Image Encryption And Compression To Enhance Security And Efficiency – Akhil Kaushik, Satvika & Sudesh – IEEE sponsored International Conference on Advances in Engineering and Technology Research (ICAETR 2014), Unnao, 1-2nd Aug 2014 – pp. 1-5, ISSN 2347-9337.

11. ASK Cipher for small amount of Data - Akhil Kaushik, Satvika & Krishan Gupta - International Conference on Reliability, Optimization & Information Technology (IEEE conference), Faridabad, Haryana, India between 6-8 Feb 2014, pp. 318-321.

12. Digital Image Chaotic Encryption (DICE) - Akhil Kaushik, Satvika, Krishan Gupta & Anant Kumar -International Conference on Reliability, Optimization & Information Technology (IEEE conference), Faridabad, Haryana, India between 6-8 Feb 2014, pp. 314-314.

13. Improvised GA using ABC Approach - Satvika & Neha Mittal - IEEE 7th Conference on Computational Intelligence and Communication Networks (CICN2015), Jabalpur, Madhya Pradesh, India, 12th Dec 2015.

14. Image Quality Enhancement through different Methods and Labeling of Objects in an Image - Satvika, Akhil Kaushik & Deepika Garg - 1st International Conference on "Next Generation Computing Technologies" (NGCT-2015) Current and Future Trends (September 4-5, 2015).