

PAPERS PUBLISHED IN PEER REVIEWED JOURNALS

FACULTY OF ARTS & SOCIAL SCIENCES

HISTORY

1. Bir Good Gill (2017), On Slippery Ground; The British Position in Punjab in 1857, Indian Historical Review, Indian Council of Historical Research, New Delhi, Issue. I, Vol.44, pp 92-105 (Scopus Indexed).
2. Sulakhan Singh (2017), Rajasthani Documents on Banda Singh Bahadur, Journal of Sikh and Punjab Studies, Global Institute of Sikh Studies, New York, Vol 24. (Scopus Indexed).
3. Mohanbir Kaur (2017), Mass Martyrdoms: The Case of Chhota and Wadda Ghallugharas, Vision, International Journal of Humanities and Management, Issue. 4, Vol. IV. (Scopus Indexed).

LIBRARY & INFORMATION SCIENCE

4. Amritpal kaur, Satwinderpal kaur (2017), Information Seeking Strategies of Doctors: A Case Study of Ludhiana District, KIIT Journal of Library and Information Management, Issue. 2, Vol.4, pp 107-114 (UGC Indexed), (Scopus Indexed).
5. Amritpal Kaur, Gurjeet Kaur (2017), Citation Analysis of References used in Ph. D. theses of Philosophy, International Journal of Innovative Knowledge Concept, Issue. 8, Vol.5, pp 90-95 (Scopus Indexed).
6. Amritpal Kaur, Gurjeet Kaur (2017), Referencing Pattern of Sociology Theses submitted in Punjabi University, Patiala, International Journal of Information Dissemination and Technology, Issue. 3, Vol.7, pp 151-156 (Scopus Indexed).
7. Amritpal Kaur, Gurjeet Kaur (2017), Electronic Journal of Information Systems in Developing Countries: A Bibliometric Study, Professional Journal of Library and Information Technology, Issue. 2, Vol.7, pp 19-27 (Scopus Indexed).
8. Amritpal Kaur, Jagjit Singh (2017), User Perception towards use of CeRA e-resources: A Study with reference to Dr Y S Parmar University of Horticulture & Forestry, Solan, Journal of Library and Information Technology, Issue. 1, Vol.13, pp 6-29 (Scopus Indexed).

POLITICAL SCIENCE

9. Satnam Singh Deol, Gurdip Singh (2017), Examining Child Beggars from the Perspective of Child Rights: A Case Study of Amritsar City, Man & Development, Issue. 2, Vol.XXXIX, pp 65-88 (Impact Factor: 0.18) (UGC Indexed) (Scopus Indexed).
10. Jagrup Singh Sekhon (2017), Evaluation of SAD BJP Government (2007-2017), Economic & Political Weekly, Issue. 3, Vol.52, pp 50-54 (Scopus Indexed).
11. Jagrup Singh Sekhon (2017), Dynamics of Electoral Process in Punjab: A Study of Amritsar Parliamentary Constituency, Madhya Pradesh Journal of Social Sciences, Issue. No.2, Vol. 21, pp 32-45 (Scopus Indexed).
12. Jagrup Singh sekhon (2017), Agriculture Growth in India and China: A Comparatice Analysis, Journal for Asian Politics and Scociety, Issue. 1, Vol. 1, pp 15-49 (Scopus Indexed).
13. Jagrup Singh Sekhon (2017), Secularism and Sikh Community, Guru Nanak Journal of Sociology, Issue. 1&2, Vol.38, pp 91-126 (Scopus Indexed).
14. Jagrup Singh Sekhon, Sunayana Sharma (2017), Dynamics of Electoral Process 2017 Assembly Elections in Punjab, Journal of Sikh and Punjab Studies, Issue. 1, Vol.24, pp 121-141 (Scopus Indexed).
15. Harmeet Singh (2017), Contours of Indian Foreign Policy, World Focus, Issue. 456, Vol. XXXVIII, No. 12, pp 59-63 (UGC Indexed) (Scopus Indexed).

PSYCHOLOGY

16. Arora, M. and Dhillon, R. (2017), Perceived Stress, Depression and Coping Strategies in Adolescents: A Gender Perspective, Indian Journal of Community Psychology, Issue. 1, Vol. 13, pp 149-155. (UGC Indexed) (Scopus Indexed).
17. Dhillon, R. and Mehra, N (2017), Suicide Ideation and Hardiness: A Study amongst Adolescents, Indian Journal of Psychology and Education, Issue. 2, Vol.7, pp 44-48. (UGC Indexed) (Scopus Indexed).
18. Dhillon, R. and Randhawa, D. (2017), Self Esteem, Well being and Adjustment as Predictors of Achievement Motivation in Adolescents, Journal of Indian Health Psychology, Issue.1, Vol.12, pp 106-114. (UGC Indexed) (Scopus Indexed).
19. Dhillon, R. and Hafiz, S. (2017), Mental Health of Migrants, Indian Journal of Community Psychology, Issue. 2, Vol. 13, pp 262-269. (UGC Indexed) (Scopus Indexed).
20. Dhillon, R. and Hafiz, S. (2017), Personality, Social Support and Family Environment: A Comparative View in Migrants and Non Migrants, Indian Journal of Positive Psychology, Issue. 4, Vol. 8, pp 607-610. (UGC Indexed) (Scopus Indexed).
21. Dhillon, R. and Arora, M. (2017), Perceived Stress, Self Efficacy, Coping Strategies and Hardiness as Predictors of Depression, Journal of Psychosocial Research, Issue. 2, Vol. 12, pp 325-333. (UGC Indexed) (Scopus Indexed).
22. Kapoor, S & Tung, S. (2017), Adolescent Aggression in Relation to Attachment and Maternal Personality: A Factor Analytic Study, Indian Journal of Community Psychology, Issue. 1, Vol.13, pp 53-61(Scopus Indexed).
23. Kaur, P and Tung, S (2017), Risk Taking Behaviors Among Early Adolescents in Relation With Morningness-Eveningness and Depressive Symptoms, Indian Journal of Health and Well being , Issue. 5, Vol.8, pp 388-390. (Scopus Indexed).
24. Pednekar, N and Tung, S (2017), Problematic Internet use in Adolescents: Role of Identity Styles, Emotional Autonomy, Attachment, Family Environment and Well Being, Indian Journal of Health and Well Being, Issue. 4, Vol.8, pp 258-262. (Scopus Indexed).
25. Pednekar, N & Tung, S (2017), Role of Parent and Peer Attachment and Family Environment in Discriminating between Adolescents in Low and High Problematic Internet use Groups, The International Journal of Indian Psychology, Issue. 3, Vol.4, pp 75-83. (Scopus Indexed).

SCHOOL OF SOCIAL SCIENCES

26. Kumar Rajesh (2017), India China Relations: Avoiding Strategic Arms Race, World Focus, Issue. 11, Vol.38, pp 62-70 (UGC Indexed) (Scopus Indexed).
27. Manjot Kaur (2017), Changing Paradox of Backward Caste, Guru Nanak Journal of Sociology. (Scopus Indexed).
28. Anjali Mehra, Meenakshi Sharma (2017), Dynamics of Higher Education in Punjab, ANVESHAK: International Journal of Management, Issue. No.1, Vol. 6, pp 76-91. (Scopus Indexed).
29. Anjali Mehra, Manpreet Kaur (2017), Inter Zonal Variations in the Growth Story of Indian Railways, Amity Journal of Strategic Management, Vol. 11, pp 38-54. (Scopus Indexed).

SOCIOLOGY

30. Neena Rosey Kahlon, Swati Sharma (2017), Change of Lifestyle Factors in the Management in the Diabetes; A Sociological Study, International Journal of Social Sciences, Issue. 3, Vol.5, pp 476-481.
31. Jesna Jayachandran (2017), Hindustan Times and Shutdowns of its Regional Editions: Demonetisation or Digital Challenge? Asian Politics and Policy, Issue. 4, Vol.9, pp 706-711.

32. Gurpreet Bal, Sakshi Verma (2017), Constitutional Provisions: Examining Gender Discrimination in the Case of Jammu and Kashmir, Guru Nanak Journal of Sociology, Issue. 1 & 2, Vol.38, pp 77-90. (Scopus Indexed)
33. Neena Rosey Kahlon (2017), Tribal Women and Health Services: A Case Study of Jammu and Kashmir, Research Expo International Multidisciplinary Research Journal, Issue. 6, Vol.7, pp 2250-1630. (Scopus Indexed).
34. Neena Rosey Kahlon (2017), Utilization of Maternal Health Care Services among Bakerwal Tribe, International Journal of Multi-Disciplinary Educational Research, Issue. 4, Vol.5, pp 157-168. (Scopus Indexed)
35. Neena Rosey Kahlon (2017), Health Seeking Behaviour of the Diabetic Women in Srinagar, Indian Journal of Health and Wellbeing, Issue. 9, Vol.6, pp 905-909. (Scopus Indexed)

FACULTY OF ECONOMICS & BUSINESS

COMMERCE

36. Sangeeta Arora, Kanika Marwaha, (2017), Individual Investor Behavior towards Investments in Low and Medium-Risk Investments: An Exploratory Study, IIMS Journal of Management Science, Rajiv Gandhi Indian Institute of Management, Shillong, Issue. 1, Vol.8, pp 15-28.
37. Prabhdeep & Jaspal, (2017), Evolution of Exchange Traded Funds (ETFs)-Comparison U.S. and Indian Bourses, Amity Business Review (Amity University), Issue. 1, Vol.18, pp 116-126. (UGC Indexed) (Scopus Indexed).
38. Jaspal, & Arun, (2017), Estimating the Income Tax Responsiveness in India: A Post Liberalization Era Analysis, International Journal of Applied Business & Economic Research, Serials Publications Pvt. Ltd., Issue. 9, Vol.15, pp 315-323 (UGC Indexed) (Scopus Indexed).
39. Jaspal Singh, Arun Sharma (2017), Income Tax Compliance: An Analysis of Perspectives, Artha Vijnana, Issue. 3, Vol.59, pp 238-250 (UGC Indexed) (Scopus Indexed).
40. Jaspal Singh, Prabhdeep Kaur (2017), Performance Comparison of PSU, Nifty and Gold Exchange Traded Funds (ETFs), Journal of Institute of Public Enterprise, Issue. 3&4, Vol.40, pp 29-50. (UGC Indexed) (Scopus Indexed).
41. Sangeeta Arora, Kanika Marwaha, (2017), Individual Investor Behavior towards Investments in Low and Medium-Risk Investments: An Exploratory Study, IIMS Journal of Management Science, Rajiv Gandhi Indian Institute of Management, Shillong, Issue. 1, Vol.8, pp 15-28 (Scopus Indexed).
42. Amanpreet Kaur, Balwinder Singh (2017), Construing Reputation from Gender Diversity on Boards: Indian Evidence, Paradigm, Issue. 2, Vol.21, pp 111-125. (UGC Indexed) (Scopus Indexed).
43. Harsandaldeep Kaur, Mandakini Paruthi (2017), Scale Development and Validation for Measuring Online Engagement, Journal of Internet Commerce, Issue. 2, Vol.16, pp 127-147. (UGC Indexed) (Scopus Indexed).
44. Harsandaldeep Kaur, Mandakini Paruthi (2017), An Integrated Model of Consumer Engagement: Drivers and Outcomes, PCTE Journal of Business Management, Issue. 2, Vol.14, pp 1-11. (UGC Indexed) (Scopus Indexed).
45. Lakhwinder Singh Kang, Abha Bhalla (2017), Construct Validation & Assessment of Work-Family Balance among Indian Journalists, The Indian Journal of Industrial Relations, Issue. 2, Vol.53, pp 239-252. (Scopus Indexed)
46. Lakhwinder Singh Kang, Payal (2017), How is Managerial Remuneration Determined in India? Journal of Accounting in Emerging Economies, Issue. 2, Vol.7, pp 154-172. (Scopus Indexed)

47. Priya, Bhalla, G.S (2017), Pre and Post Disinvestment Performance Evaluation of Indian CPSEs, Management and Labour studies, Issue. 2, Vol.42, pp 1-15. (Scopus Indexed).
48. Harpreet kaur, Bhalla G.S (2017), College Effectiveness and Teachers Satisfaction: A Study of Government Colleges in Punjab, Management & Change, Issue. 1, Vol.21, pp 69-83. (UGC Indexed) (Scopus Indexed).
49. Aparna Bhatia, Siya Tuli (2017), Sustainability Reporting under G3 Guidelines: A Study on Constituents of Bovespa Index, VISION, Issue. 2, Vol.21, pp 204-213. (Scopus Indexed).
50. Aparna Bhatia, Anu Thankur (2017), Diversification Strategies of Multi-National and Domestic Companies in India: A Comparative Evaluation in the Dynamic Environment, Management and Labor Studies, Issue. 3, Vol.41, pp 199-215. (Scopus Indexed).
51. Aparna Bhatia, Anu Thakur (2017), Choice of Diversification Strategies in an Emerging Market: Evidence from Indian Manufacturing Industries, Journal of Asia-Pacific Business, Taylor & Francis, Issue. 1, Vol.18, pp 21-45. (Scopus Indexed).
52. Aparna Bhatia, Megha (2017), Revenue and Cost Efficiency Analysis: Empirical Study of Indian Scheduled Commercial Banks, Prajnan: Journal of Social and Management Sciences (NIBM), Issue. 2, Vol.46, pp 155-184. (Scopus Indexed).
53. Aparna Bhatia, Baljinder Kaur (2017), Capacity Utilisation of Capital Goods Industry in India: An Empirical Evaluation, Pacific Business Review International, Issue. 4, Vol.10, pp 90-102. (Scopus Indexed).
54. Aparna Bhatia, Megha (2017), Factors affecting Profit Efficiency of Scheduled Commercial Banks in India: A Panel Tobit Regression Analysis, Prajnan: Journal of Social and Management Sciences (NIBM), Issue. 3, Vol.46, pp 253-280. (Scopus Indexed).
55. Aparna Bhatia, Siya Tuli (2017), Corporate Attributes Affecting Sustainability Reporting: An Indian Perspective, International Journal of Law and Management, Issue. 3, Vol.59, pp 322-340. (Scopus Indexed).
56. Aparna Bhatia, Megha (2017), Cost, Revenue and Profit Efficiency Analysis of Indian Scheduled Commercial Banks: Empirical Evidence Across Ownership, International Journal of Law and Management, Issue. 3, Vol.59, pp 442-462. (Scopus Indexed).
57. Aparna Bhatia, Anu Thakur (2017), Choice of Diversification Strategies in an Emerging Market Environment: An Empirical Evaluation, International Journal of Business and Globalisation, Issue. 1, Vol.19, pp 52-78. (Scopus Indexed).
58. Rekha Handa, Balwinder Singh (2017), Performance of Indian IPOs: An Empirical Analysis, Global Business Review, Issue. 3, Vol.18, pp 734-749.(Scopus Indexed).
59. Ridhima Saggar, Balwinder Singh (2017), Corporate Governance and Risk Reporting: Indian Evidence, Managerial Auditing Journal, Issue. 4-5, Vol.32, pp 378-405. (Scopus Indexed).
60. Amanpreet Kaur, Balwinder Singh (2017), Examining SEBI's Edict: Mandatory to Voluntary IPO Grading, Management and Labour Studies, Issue. 2, Vol.42, pp 79-87. (Scopus Indexed).
61. Ridhima Saggar, Balwinder Singh (2017), Corporate Governance and Risk Reporting: Indian Evidence, Managerial Auditing Journal, Emerald Publishing Limited, Issue. 4/5, Vol.32, pp 378-405. (Scopus Indexed).
62. Tina Vohra & Mandeep Kaur (2017), Factors influencing the Choice of Financial Advisor by Women Stock Investors in Punjab: An Empirical Study, International Journal of Law and Management, Issue. 2, Vol.59, pp 192-201. (Scopus Indexed).

63. Kajole Nanda & Mandeep Kaur (2017), Bank Led Financial Inclusion and Human Development: Evidence from India, South Asian Journal of Management, Issue. 1, Vol.24, pp114-128. (Scopus Indexed)
64. Tina Vohra & Mandeep Kaur (2017), Women Investors: A Literature Review, Metamorphosis, Issue. 1, Vol.16, pp 11-19. (Scopus Indexed).
65. Samriti Kapoor & Mandeep Kaur (2017), Basel III Norms: A SWOT and TOWS Approach, Vision, Issue. 3, Vol.21, pp 250-258. (Scopus Indexed).
66. Kamalpreet Kaur & Mandeep Kaur (2017), Characterization of Adopters and Non Adopters of Credit Cards in Indian Banking Industry, World Journal of Business and Management, Issue. 1, Vol.3, pp 1-15. (Scopus Indexed).
67. Aparna Bhatia, Anu Thakur (2017), Choice of Diversification Strategies in an Emerging Market: Evidence from Indian Manufacturing Industries, Journal of Asia-Pacific Business, Issue. 1, Vol.18, pp 1-25. (Scopus Indexed).
68. Aparna Bhatia, Anu Thakur (2017), Choice of Diversification Strategies in an Emerging Market Environment: An Empirical Evaluation, International Journal of Business and Globalisation, Issue. 1, Vol.19, pp 52-78. (Scopus Indexed)

PUNJAB SCHOOL OF ECONOMICS

69. Chadha, V. and G. Kaur, (2017), Contribution of Technology Parks in Generating Employment in Punjab: The Case of IT Park Mohali, Man & Development, Issue. 3, Vol.XXXIX, pp 1-15.
70. Sharma G, Mehta S (2017), Price Behaviour of Maize in Major Markets of India, Indian Journal of Agricultural Marketing, Issue. 1, Vol.31, pp 1-14.
71. Sugandh Bhatia, R.S. Virk, Jyoteesh Malhotra (2017), A Review of Data Privacy and Security in Cloud Computing, Indian Journal of Computer Science and Engineering, Issue. 3, Vol. 8, pp 157-162. (UGC Indexed) (Scopus Indexed).
72. Neena Malhotra, Parul (2017), Inter-State Analysis of Factors Affecting Women Literacy in India, Indian Journal of Regional Science, Issue. 2, Vol. XLIX, pp 90-96. (UGC Indexed) (Scopus Indexed).
73. Neena Malhotra, Deepika Kumari (2017), Changing Pattern of India's Trade with Developing Countries, International Journal of Scientific and Social Research, Issue.1, Vol.1, pp 26-42. (UGC Indexed) (Scopus Indexed).
74. Parminder Singh, Amanat Bhullar (2017), Economic Efficiency and Growth Sustainability of Indian Small Scale Industrial Sector, Arthshastra: Indian Journal of Economics and Research, Issue. 4, Vol.6, pp 7-22 (Scopus Indexed).
75. Parminder Singh, Jaswinder Singh (2017), Production Structure and Technical Efficiency of the Indian Pharmaceutical Industry: A Parametric Analysis, Arthshastra: Indian Journal of Economics and Research, Issue. 5, Vol.VI, pp 6-23. (Scopus Indexed).
76. Parminder Singh, Amanat Bhullar (2017), Growth Performance and Sustainability of India Small Scale Industrial Sector, PSE Economic Analyst, Issue. 1, Vol.XXXII, pp 49-62. (Scopus Indexed).
77. Parminder Singh, Fulwinder Pal Singh (2017), Economic Reforms and Malmquist Productivity Analysis of Indian Manufacturing Sector, PSE Economic Analyst, Issue.1, Vol.XXXII, pp 1-21. (Scopus Indexed).
78. Neena Malhotra, Parul (2017), Gender Disparity in Political Empowerment, Financial Inclusion and Corporate Leadership Roles in India, The Journal of Institute of Public Enterprise, Issue. 1&2, Vol.40, pp 46-81. (Scopus Indexed).
79. Neena Malhotra, Deepika Kumari (2017), Trade Liberalization and Export-led Growth in India, Journal of International Economics, Issue.1, Vol.48, pp 29-54. (Scopus Indexed).

80. Chadha, V. and I. Chadda (2017), Social Sector Development in Punjab, Pacific Business Review International, Issue. No.2, Vol.10, pp 107-114 (Scopus Indexed).
81. Choudhary, P. and V. Chadha (2017), Unemployment amongst Engineers in India: The Issues of Employability- A New Paradigm, Anveshak, Issue. 1, Vol.6, (Scopus Indexed).
82. Amanpreet Kaur, Baljit Kaur (2017), Sub National Finances and Fiscal Prudence in Punjab and Haryana- A Comparative Analysis, Indian Journal of Regional Science, Issue. 1, Vol.XLIX, pp 34-42. (Scopus Indexed).
83. Kajole Nanda, Baljit Kaur & Paramjit Nanda (2017), SHG - Bank Linkage: A Case Study of Amritsar District, Pacific Business Review International, Issue. 9, Vol.9, pp 19-28. (Scopus Indexed).
84. Paramjit Nanda & Jagan Nath (2017), IMF Lending Facilities and Economic Performance: Case Study of Bangladesh, Pakistan and Sri Lanka, Indian Journal of Regional Science, Issue. 1, Vol.XLTX, pp 134-144. (Scopus Indexed).
85. Kaur Kuldip, R Kaur (2017), Sources and Pattern of Distribution in Rural Households: A Case Study of Border Districts of Punjab, Indian Journal of Social Research, Issue. 4, Vol.58, pp 21-30. (Scopus Indexed)

UNIVERSITY BUSINESS SCHOOL

86. Amarjit Sidhu, Neha Verma, (2017), Unveiling the Factors Affecting Profitability of Reinsurance Companies, Management and Labour Studies, SAGE Publications, Issue. 1, Vol.42, pp 190-204.
87. Gitika Nagrath, Amarjit Sidhu, (2017), Management Education in Punjab: Growth and Quality Concern, Pravara Management Review, Pravara Centre for Management Research & Development, Issue. 1, Vol.16, pp 31-38.
88. Gurpreet Randhawa, Ashutosh Gupta, (2017), Key Indicators of Sugar Industry: A Comparative Study of Punjab, Pravara Management Review, Pravara Institute of Management, Pune, Issue. 1, Vol.16, pp 54-61. (Scopus Indexed).
89. Gurpreet Randhawa , kuldeep, (2017), To Stay or to Quit: The Climate Matters, Business Analyst, SRC New Delhi, Issue. 2, Vol.37, pp 237-240. (Scopus Indexed).
90. Gurpreet Randhawa, Ashutosh Gupta, (2017), Workers Perception of Welfare Facilities: A Comparative Study of Sugar Mills of Punjab, Management Dynamics, Jaipuria Institute of Management, Lucknow, Issue. 1, Vol.17, pp 24-35. (Scopus Indexed)
91. Kuldeep, Gurpreet Randhawa, (2017), Organizational Climate & Commitment: An Analysis of Food Processing Industry of Punjab, The Indian Journal of Industrial Relations, SRC New Delhi, Issue. 2, Vol.53, pp 265-276. (Scopus Indexed)
92. Manjeet Kaur, Parampal Singh (2017), A Contingency Study of Higher Education to make Educational Research More Relevant, Pacific Business Review, Issue. 7, Vol.9, pp 46-51. (Scopus Indexed).
93. Manjeet Kaur, Parampal Singh (2017), Where Higher Education Falls Short in India? Anveshak: International Journal of Management, Issue. 1, Vol.6, pp 101-107. (Scopus Indexed).
94. Bhalla, A. S., Hundal, B. S. (2017), Evaluating Ecotels Status as an Innovative Marketing Strategy by Hotel Industry, International Journal of Applied Services Marketing Perspectives, Issue. 2, Vol.6, pp 2931-2939. (Scopus Indexed).
95. Kaur, J., Hundal, B.S. (2017), The ABC of Counterfeiting Vis-à-vis Luxury Brand Market, Journal of Marketing and HR, Issue. 1, Vol.4. (Scopus Indexed).
96. Vikram Sandhu, Japneet Dhillon (2017), Electrical and Electronic Waste Management Issues in India, International Journal of Engineering Technology, Management and Applied Sciences, Issue. 1, Vol.5, pp 184-190. (Scopus Indexed).

97. Vikram Sandhu, Japneet Dhillon (2017), Integrating the activities of Informal and Formal Sector in E-Waste, International Journal of Latest Technology in Engineering, Management and Applied Sciences, Issue. 7, Vol.6, pp 133-136. (Scopus Indexed).
98. Bikram Jit Singh Mann, Sonia Babbar (2017), Stock Price Reaction around New Product Announcements: An Event Study, IUP Journal of Management Research, Issue. 3, Vol.16, pp 46-57. (Scopus Indexed).
99. Mandeep Kaur Ghuman, Bikram Jit Singh Mann (2017), Studying the Financial Impact of Marketing Strategies: Should We Differentiate Between B2B and B2C Companies, IIMS Journal of Management Science, Issue. 3, Vol.8, pp 321-335. (Scopus Indexed).
100. Bikram Jit Singh Mann, Sonia Babbar (2017), New Product Announcement Effect on Stock Prices in India, Journal of Asia Business Studies, Issue. 4, Vol.11, 368-386. (Scopus Indexed).
101. Pavleen Soni, Jyoti Vohra (2017), Role of Children in Retail Food Purchases, Business Analyst, Issue. 2, Vol.37, pp 161-178. (Scopus Indexed).

FACULTY OF ENGINEERING & TECHNOLOGY

COMPUTER ENGINEERING & TECHNOLOGY

102. Harpreet, Sandeep (2017), An Integrated CEA Approach for Color Light Source Estimation, International Journal of Information Technology and Computer Science, MECS Publisher, Issue. 2, Vol.9, pp 58-65. (Scopus Indexed).
103. Navjot Kaur, Amit Chhabra, (2017), Comparative Analysis of Job Scheduling Algorithms in Parallel and Distributed Computing Environments, International Journal of Advanced Research in Computer Science (IJARCS), Issue. 3, Vol.8, pp 1513-1518. (Scopus Indexed).
104. Gurdeep Kaur, Amit Chhabra, (2017), Evolution and Growth of Metaheuristics for Solving Variety of Problems, International Journal of Advanced Research in Computer Science (IJARCS), Issue. 5, Vol.8, pp 2126-2137. (Scopus Indexed).
105. Amandeep Kaur, Amit Chhabra, (2017), A Review on Various Job Scheduling Algorithms, International Journal of Computational Intelligence Research (IJCIR), Issue. 3, Vol.13, pp 359-367. (Scopus Indexed).
106. Pallavi Mahajan, Keshav Dhir, Amit Chhabra, (2017), Workflow Scheduling in Cloud using Nature Inspired Optimization Algorithms, International Journal of Advanced Research in Computer Science (IJARCS), Issue. 5, Vol.8, 2521-2527. (Scopus Indexed).
107. Vishal Mehra, Amit Chhabra, (2017), Comparative Study of Multi Objective Task Scheduling using Metaheuristics in Multi-Cluster Environment, International Journal of Advanced Research in Computer Science (IJARCS), Issue. 5, Vol.8, pp 2648-2652. (Scopus Indexed).
108. Jaideep, Kamaljit, (2017), Internet of Things: A Review on Technologies, Architecture, Challenges, Applications, Future Trends, International Journal of Computer Network and Information Security (IJCNIS) (MECS), Issue. 4, Vol.19, pp 57-70. (UGC Indexed) (Scopus Indexed).
109. Jyoti, Kamaljit, (2017), Misclassification in Big Data Soft Set Environment, International Journal of Computer Applications (IJCA Digital Library), Issue. 2, Vol.168, pp 23-29. (UGC Indexed) (Scopus Indexed).
110. Jyoti, Kamaljit, (2017), Knowledge Discovery in Big Data Soft Set Environment Using Bijective Soft Set: Rectify Misclassified Data, International Journal of Advanced Research in Computer Science (IJARCS) (Genxcellence Publication), Issue. 5, Vol.8, pp 2198-2203. (UGC Indexed) (Scopus Indexed).

111. Ambica, Kamaljit, (2017), A Coordinated Approach for Energy-Aware Fault Tolerance in Cloud Computing, International Journal of Advanced Research in Computer Science (IJARCS) (Genxcellence Publication), Issue. 5, Vol.8, pp 2499-2504. (UGC Indexed) (Scopus Indexed).
112. Rekha, Kamaljit, (2017), Comparative Study of Techniques used in Healthcare Monitoring using Mining Mechanism, International Journal of Advanced Research in Computer Science (IJARCS)(Genxcellence Publication), Issue. 5, Vol.8, pp 2187-2192. (UGC Indexed) (Scopus Indexed).
113. Manpreet, Kamaljit, (2017), Abnormality Detection of Sensors in IOT Controllers using Fuzzy Approach for Smart Home, International Journal of Latest Technology in Engineering, Management & Applied Science (IJLTEMAS), Issue. 7, Vol.6, pp 2278-2540. (UGC Indexed) (Scopus Indexed).
114. Navpreet Kaur, Kamaljit, (2017), Shadow Replication using Dynamic Core Allocation for Application Fault Tolerance in Virtual Environment, International Journal of Latest Technology in Engineering, Management & Applied Science (IJLTEMAS), Issue. 7, Vol.6, pp 30-39. (UGC Indexed) (Scopus Indexed).
115. Rekha, Kamaljit, (2017), Modified Arima Auto Regression, Knn and Euclidean Distance: For Predicting Heart Disease with Accuracy Enhancement, International Journal of Computer Science & Engineering Technology (IJCSET), Issue. 6, Vol.8, pp 224-231. (UGC Indexed) (Scopus Indexed).
116. Supriya, Kamaljit, (2017), A Comparative Study of Hierarchical Clustering based Routing Protocols in WSN: A Survey, International Journal of Computer Applications (IJCA Digital Library), Issue. 7, Vol.168, pp 19-26. (UGC Indexed) (Scopus Indexed).
117. Simranjeet Kaur, Kiranbir Kaur, (2017), Search Engine Optimization Techniques with Website Perspective, International Arab Journal of E-Technology, Arab Open University, Jordan, Issue. 3, Vol.4, pp 103-108. (Scopus Indexed).
118. Manbir Kaur, Kiranbir Kaur, Lohit Kapoor, (2017), An Efficient Resource Provisioning Techniques in Inter-cloud using Peer-To-Peer Approach, American Journal of Engineering and Applied Sciences, American Journal of Engineering and applied Sciences, Issue. 2, Vol.10, pp 529-539. (Scopus Indexed).
119. Rupampreet Kaur, Kiranbir Kaur, (2017), Data Mining on Customer Segmentation: A Review, International Journal of Advanced Research in Computer Science, Issue. 4, Vol.8, pp 857-861. (Scopus Indexed).
120. Manpreet Kaur, Kiranbir Kaur, (2017), Review on the Various Services of Ambient Intelligent Environment and Internet of Things, International Journal of Advanced Research in Computer Science, Issue. 3, Vol.8, pp 1033-1037. (Scopus Indexed).
121. Tanvi, Kiranbir Kaur, (2017), A Study on Extremal Optimization based Load Balancing Techniques, Indian Journal of Computer Science and Engineering, Issue. 2, Vol.8, pp 95-106. (Scopus Indexed).
122. Karandeep Kaur, Kiranbir Kaur, (2017), A Survey on Service Oriented Architecture on Big Data, Cloud Computing and IOT, International Journal of Advanced Research in Computer Science, Issue. 5, Vol.8, pp 1513-1518. (Scopus Indexed).
123. Karandeep Kaur, Kiranbir Kaur, (2017), Introduction to a New Emphatic Model for Predicting Patients and Understanding Mining Techniques, International Journal of Advanced Research in Computer Science, Issue. 5, Vol.8, pp 1513-1518. (Scopus Indexed).
124. Harnoor Singh, Kiranbir Kaur (2017), Proactive Job Scheduling Approach in Cloud Computing, International Journal of Engineering Science and Computing International Journal of Engineering Science and Computing), Issue. 7, Vol.7, 14096-14100 (Scopus Indexed).
125. Ritika Dhuria, Kiranbir Kaur (2017), An Hybrid Approach for Reducing Downtime, Migration Time and Energy Consumption of Live VM Migration, International Journal of Advanced Research in Computer

Science (International Journal of Advanced Research in Computer Science), Issue. 8, Vol.8, pp 22-26 (Scopus Indexed).

126. Harpreet Kaur, Sandeep Sharma (2017), An Integrated CEA Approach for Color Light Source Estimation, International Journal of Information Technology and Computer Science, 2017 (IJITCS) (Modern Education and Computer Science (MECS), Issue. 2017, Vol.2, pp 58-65 (Scopus Indexed).
127. Manreet, Sandeep (2017), Cost-effective and Fault-Tolerant Identity-Based Key Management for Configurable Hierarchical Cloud Environments, Computer Fraud and Security (Elsevier), Issue. 7, Vol. 2017, pp 16-20.
128. Mani, Derick, Sandeep (2017), Parametric Comparison of EMDS Algorithm with some Symmetric Cryptosystems, Egyptian Informatics Journal (Elsevier), Issue. 2, Vol.18, pp 141-149.
129. Tejpreet Singh, Jaswinder Singh, Sandeep Sharma (2017), Energy Efficient Secured Routing Protocol for MANETs, Wireless Networks (Springer), Issue. 4, Vol.23, pp 1001-1009.
130. Kiranbir Kaur, Sandeep Sharma, Karanjit Singh Kahlon (2017), Interoperability and Portability Approaches in Inter-Connected Clouds: A Review, ACM Computing Surveys (CSUR), Issue. 4, Vol.50, pp 495-522.
131. Abhinav Singh Andotra, Sandeep Sharma (2017), A Novel Analysis of Noise and Filtering Mechanism for Image Enhancement-A Review, International Journal of Scientific Research in Computer Science Engineering and Information Technology, Issue. 6, Vol.2, pp 820-830.
132. Updeep Kaur, Sandeep Sharma (2017), Parametric Analysis of Energy Aware Clustering and Routing Protocols used in WSN, UGC Approved- International Journal of Advanced Research in Computer Science, Issue. 9, Vol.8, pp 35-40.
133. Deepakshi Mohal, Sandeep Sharma (2017), Image Encryption Strategies to Enhance Security of Image: An Exhaustive Analysis, UGC Approved - International Journal of Advanced Research in Computer Science, Issue. 9, Vol.8, pp 85-91.
134. Kiran, Sandeep Sharma (2017), Enhance Data Security Cloud Computing Using Machine Learning and Hybrid Cryptography Techniques, UGC Approved - International Journal of Advanced Research in Computer Science, Issue. 9, Vol.8, pp 393-397.
135. Gurdeep Kaur, Sandeep Sharma (2017), Parametric Anlysis to Enhance in Cloud Computing to Prevent Attacks in Live Migration, UGC Approved - International Journal of Advanced Research in Computer Science, Issue. 9, Vol.8, pp 441-448.
136. Manreet Sohal, Sandeep Sharma, Cost-Effective and Fault-Tolerant (2017), Enhancement of Cloud Security using DNA Inspired Multifold Cryptographic Technique, International Journal of Security and its Applications, SERSC Australia, Issue. 12, Vol.11, pp 15-26.
137. Sapinder Kaur, Amit Chhabra (2017), Survey of Various Meta-Heuristic Algorithms for Parallel Job Scheduling, International Journal of Advanced Research in Computer Science, Issue. 3, Vol.8, pp 1-5.
138. Prabhsimran Singh, Ravinder Singh Sawhney, Karanjeet Singh Kahlon (2017), Forecasting the 2016 US Presidential Elections Using Sentiment Analysis, Lecture Notes in Computer Science, Vol.10595, pp 412-423.
139. Prabhsimran Singh, Ravinder Sawhney, Karanjeet Kahlon, (2017), Forecasting the 2016 US Presidential Elections using Sentiment Analysis, In Digital Nations-Smart Cities, Innovation, and Sustainability (Springer), Issue. 36, Vol.10595, pp 1-12.
140. Prabhsimran Singh, Ravinder Sawhney, Karanjeet Kahlon, (2017), Predicting the Outcome of Spanish General Elections 2016 Using Twitter as a Tool, In Advanced Informatics for Computing Research (Springer), Issue. 1, Vol.712, pp 73-83.

141. Prabhsimran Singh, Ravinder Sawhney, Karanjeet Kahlon, (2017), Sentiment analysis of demonetization of Rs 500 & 1000 Bank Notes by Indian government, *ICT Express* (Elsevier), pp 1-6.
142. Jasleen kaur, Anil Kumar (2017), A Comparative Study-Medical Imaging Techniques: GPU-based or Parallelisation?, *International Journal of Latest Trends in Engineering and Technology*, Issue. 4, Vol.8, pp 195-198.
143. Jasleen kaur, Anil Kumar (2017), A Comparative Study of Locus and Other Many Core Architectures Based on Iot, *International Journal of Latest Trends in Engineering and Technology*, Issue. 4, Vol.8, pp 191-194.
144. Ranjit Singh, Anil Kumar (2017), A Review on Detection and Prevention of Wormhole Attacks in Manet, *International Journal of Engineering Research & Technology*, Issue. 4, Vol.6, pp 633-637.
145. Shubhdeep K. Sandhu, Anil Kumar (2017), Hybrid Meta-Heuristics based Scheduling Technique for Cloud Computing Environment, *International Journal of Advanced Research in Computer Science*, Issue. 5, Vol.8, pp 1457-1465.
146. Shubhdeep K. Sandhu, Anil Kumar (2017), A Survey on Meta-Heuristic Scheduling Optimization Techniques in Cloud Computing Environment, *International Journal on Recent and Innovation Trends in Computing and Communication*, Issue. 6, Vol.5, pp 486-492.
147. Parveen kaur, Anil Kumar (2017), Energy-Aware Mobile Application Scheduling using Backtracking Search Algorithm, *International Journal of Advanced Research in Computer Science*, Issue. 5, Vol.8, pp 2027-2034.
148. Navjot Kaur, Anil Kumar (2017), Hybrid Approach: ACO with Gravity Search to Reduce Make Span and Flow Time for Resource Allocation in Cloud Computing, *International Journal of Advanced Research in Computer Science*, Issue. 5, Vol.8.
149. Munish Saini, Kuljit Kaur Chahal (2017), Analysing Change Profiles of Open Source Software Projects using Burst Detection, *IET Software*, Issue. 6, Vol.11, pp 329-337.

COMPUTER SCIENCE

150. L Aggarwal, (2017), Mixer Design Optimization with Fractured Surface Topography of Mechanical Properties of Polymer Biocomposites, *Journal of Taiwan Institute of Chemical Engineers* (Elsevier), pp 272-280.
151. Daljit Kaur, Parminder Kaur, (2017), Cross-Site-Scripting Attacks and their Prevention during Development, *International Journal of Engineering Development and Research*, Issue. 3, Vol.5, pp 153-159.
152. Prabhpreet Kaur, Gurvinder Singh, Parminder Kaur, (2017), Accurate Prediction of Fetal Images for Measuring Growth of Fetus using Genetic Algorithm and Back-Propagation Technique of Neural Network, *International Journal of Scientific Research in Computer science and Engineering*, Issue. 3, Vol.5, pp 30-41.
153. Daljit Kaur & Parminder Kaur (2017), Input based Attacks on Web Applications, *International Journal of Advanced Research in Computer Science*, Issue. 5, Vol.8, pp 2658-2664 (Impact Factor: 0.765) (UGC Indexed) (Scopus Indexed).
154. Prabhpreet Kaur, Gurvinder Singh, Parminder Kaur (2017), A Review of Denoising Medical Images using Machine Learning Approaches, *Current Medical Imaging Reviews* , Vol.13, pp 1-11 (Impact Factor: 0.308) (UGC Indexed) (Scopus Indexed).
155. Nisha Ratti, Parminder Kaur (2017), Implications of Dependency Changes in Component-based Systems, *International Journal of Advanced Research in Computer Science*, Issue. 5, Vol.8, pp 650-656 (Impact Factor: 0.765) (UGC Indexed) (Scopus Indexed).

156. Harpreet Singh, Manpreet Kaur, Parminder Kaur (2017), Web-based Recommendation System Based on Partially Ordered Sequential Rules, Journal of Intelligent and Fuzzy Systems, Issue. 4, Vol.32, pp 3009-3015 (Impact Factor: 1.261) (UGC Indexed) (Scopus Indexed).
157. Parminder Kaur, Hardeep Singh (2017), The Role of Software Engineering, CSI Communications, Issue. 12, Vol.40, pp 22-23 (UGC Indexed) (Scopus Indexed).
158. Navinderjit Kaur Kahlon, Kuljit Kaur Chahal, Sukhleen Bindra Narang (2017), Managing QoS Degradation of Component Web Services in a Dynamic Environment, International Journal on Semantic Web and Information Systems (IJSWIS), Issue. 2, Vol.14, pp 162-190 (Impact Factor: 1.5) (UGC Indexed) (Scopus Indexed).
159. Parminder Kaur, Hardeep Singh (2017), The Role of Software Engineering, CSI Communications, Knowledge Digest for IT Community, Issue. 12, Vol.40, pp 22-23 (Scopus Indexed).
160. Jaspreet Singh, Gurvinder Singh, Rajinder Singh (2017), Optimization of Sentiment Analysis using Machine Learning Classifiers, Springer, Human-Centric Computing and Information Sciences, (SCI-Thomson Reuters), Issue. 1, Vol.7, pp 11-20 (Scopus Indexed).
161. Gurvinder Singh, M Sharma, R.Singh (2017), Stark Assessment of Lifestyle Based Human Disorders Using Data Mining Based Learning Techniques, Elsevier Irbm Sci, Issue. 5, Vol.38, pp 1-10 (Scopus Indexed).
162. P Kaur, G Singh, P Kaur (2017), Accurate Prediction of Fetal Images for Measuring Growth of Fetus Using GA and Back propagation Technique of Neural Network, International Journal of Scientific Research in Computer Science and Engineering, E-ISSN: 2320-7639, (Impact factor-0.613) SCIE indexed, April- 2017, Issue. 3, Vol.5, pp 30-41. (Scopus Indexed).
163. P Kaur, G Singh, P Kaur (2017), A Review of Denoising Medical Images Using Machine Learning Approaches, Current Medical Imaging Reviews, ISSN: 1573-4056, (Impact factor-0.613) SCIE indexed. April-2017, Issue. 3, Vol.13, pp 52-61. (Scopus Indexed).
164. Jaspreet Singh, Gurvinder Singh, Rajinder Singh (2017), Optimizing Accuracy of Sentiment Analysis Using Deep Learning Based Classification Technique, Special Issue Springer CCIS; ISSN: 1865-0929 (Scopus Indexed), Issue. 2, Vol.2, pp 10-17. (Scopus Indexed).
165. Jaspreet Singh, Gurvinder Singh, Rajinder Singh, PP Singh (2017), Evaluation and Analysis of Word Embedding Vectors of English Text using Deep Learning Technique, Special Issue (Oct 2017), Springer CCIS; ISSN: 1865-0929 (Scopus Indexed, Issue. 2, Vol.2, pp 22-31. (Scopus Indexed).
166. Singh J, Singh G, Virk R. S (2017), An Automated Complex Word Identification from Text: A Survey, Orient. J. Computer Science and Technology; Issue. 3, Vol.10. (Scopus Indexed).
167. Amritpal Singh, Sunny Sharma, Gurvinder Sngh, Rajinder Singh (2017), Machine Learning Configurations for Enhanced Human Protein Function Prediction Accuracy, Springer CCIS, (Scopus Indexed).
168. Amritpal Singh, Sunny Sharma, Gurvinder Sngh, Rajinder Singh (2017), Protein based Disease Detection Recommender System Framework using ML, ANN and Deep Learning, DCMEIT ACM, (Scopus Indexed).

ELECTRONICS TECHNOLOGY

169. Pawandeep Kaur, S.B. Narang, S. Bahel (2017), Investigation of Electromagnetic Properties of La-Doped Strontium Ferrite in X and Ku Bands, Journal of Superconductivity and Novel Magnetism, Issue. 8, Vol.30, pp 2239-2245. (Impact Factor: 1.142) (UGC Indexed) (Scopus Indexed).
170. Pawandeep Kaur, S.B. Narang, S. Bahel (2017), Modulation of Microwave Properties of La-Sr Hexagonal Ferrite with doping of Co-Zr and Change in Thickness, Journal of Materials Science:

- Materials in Electronics, Issue. 21, Vol.28, pp 16077-16085 (Impact Factor: 2.019) (UGC Indexed) (Scopus Indexed).
171. G. Singh, M. L. Singh (2017), Spectral Bandwidth-Efficient Four-Wave Mixing Minimization Scheme for C-band Dense Wavelength Division Multiplexed System, Optical Engineering SPIE Journal, Issue. 7, Vol.56, pp 76115-76118 (Impact Factor: 1.032) (UGC Indexed) (Scopus Indexed).
 172. H. Kaur, M. L. Singh (2017), Performance Analysis of RSCC Based WiMax System for Different SUI Channel Conditions using QPSK and QAM-16, Wireless Personal Communications, Issue. 4, Vol.88, pp 787-796 (Impact Factor: 1.2) (UGC Indexed) (Scopus Indexed).
 173. K. Singh, G. Kaur, M. L. Singh (2017), Enhanced Performance of All-Optical Half-Subtractor based on Cross-Gain Modulation (XGM) in Semiconductor Optical Amplifier (SOA) by Accelerating its Gain Recovery Dynamics, Photonic Network Communications, Issue. 1, Vol.34, pp111-130. (Impact Factor: 1.203) (UGC Indexed) (Scopus Indexed).
 174. R. Singh, M. L. Singh (2017), Performance Evaluation of S-band Thulium Doped Silica Fiber Amplifier Employing Multiple Pumping Schemes, Science Direct-Optik- International Journal of Light and Electron Optics, Elsevier Publication, Issue. 1, Vol.140, pp 565-570 (Impact Factor: 1.191) (UGC Indexed) (Scopus Indexed).
 175. Shalini Bahel, Maalti Puri, Sukhleen Bindra Narang, Kunal Pubby (2017), Influence of Sn Substitution on Microwave Properties of Lead Calcium Iron Niobate, Journal of Material Science: Materials in Electronics, Issue. 1, Vol.28, pp 100-104 (Impact Factor: 2.019) (UGC Indexed) (Scopus Indexed).
 176. Shalini Bahel, Kunal Pubby, Sukhleen Bindra Narang (2017), X-band Microwave Reflection Properties of Sm-Bi Substituted Barium Lanthanum Titanate Ceramics, Journal of Electronic Materials, Issue. 3, Vol.46, pp 1770-1776 (Impact Factor: 1.566) (UGC Indexed) (Scopus Indexed).
 177. Ranjeet Singh, Shalini Bahel, Sukhleen Bindra (2017), Dielectric and Optical Study of the M-phase LNT (Li-Nb-Ti-O) Solid Solutions, Materials Research Bulletin, Vol.88, pp 200-205 (Impact Factor: 2.8) (UGC Indexed) (Scopus Indexed).
 178. Gurmeet Kaur, S. Bindra Narang, Shalini Bahel (2017), Structural and Dielectric Properties of Li_{1+x}Ta_{1-x}Ti_xO₃ M-phase Solid Solutions, Journal of Material Science: Materials in Electronics, Issue. 13, Vol.28, pp 9688-9696 (Impact Factor: 2.019) (UGC Indexed) (Scopus Indexed).
 179. Ranjeet Singh, Shalini Bahel, Sukhleen Bindra Narang (2017), Structural, Dielectric and Optical Analysis of Li_{1.1-y}Nb_{0.9-3y}Ti_{0.1+4y}O₃ M-phase Solid Solutions, Ceramic International, Issue. 13, Vol.43, 10217-10223 (Impact Factor: 3.057) (UGC Indexed) (Scopus Indexed).
 180. Sukhdeep Kaur, Sukhleen Bindra, Deep Kamal Kaur Randhawa (2017), Influence of Pore Shape and Dimension on the Enhancement of Thermoelectric Performance of Graphene Nanoribbons, Journal of Materials Research, Issue. 6, Vol.32, 1149-1159 (Impact Factor: 1.57) (UGC Indexed) (Scopus Indexed).
 181. Sukhdeep Kaur, Sukhleen Bindra, Deep Kamal Kaur Randhawa (2017), Theoretical Investigation of Effect of Pore Size and Pore Passivation on the Thermoelectric Performance of Silicene Nanoribbons, Journal of Materials Research, Issue. 18, Vol.32, 3485-3493 (Impact Factor: 1.57) (UGC Indexed) (Scopus Indexed).
 182. Milanpreet Kaur, Ravinder Singh Sawhney, Derick Engles (2017), The DFT-NEGF Scrutiny of Doped Fullerene Junctions, Journal of Molecular Modelling, Issue. 221, Vol.23, 1-12 (Impact Factor: 1.507) (UGC Indexed) (Scopus Indexed).
 183. Payal Nayyar, Milanpreet Kaur, Rajan Vohra, Ravinder Singh Sawhney (2017), To Envisage Charge Transport Attributes of Doped Porphine Devices, Materials Research Express, IOP, Issue. 8, Vol.4, 85011-85021 (Impact Factor: 1.151) (UGC Indexed) (Scopus Indexed).

184. Milanpreet Kaur, Ravinder Singh Sawhney, Derick Engles (2017), Morphology Pursuance in C20 Fullerene Molecular Junction: Ab-initio Implementation, *Journal of Micromechanics and Molecular Physics*, Issue. 2, Vol.2, 175007-1750016 (UGC Indexed) (Scopus Indexed).
185. Milanpreet Kaur, Ravinder Singh Sawhney, Derick Engles (2017), Electron Transport in Doped Fullerene Molecular Junctions, *International Journal of Computational Materials Science and Engineering*, Issue. 2, Vol.6, 1750019-1750028. (UGC Indexed) (Scopus Indexed).
186. Milanpreet Kaur, Ravinder Singh Sawhney, Derick Engles (2017), Linear Response Formulism of a Carbon Nano-Onion Stringed to Gold Electrodes, *Applied Physics, A: Materials Science & Processing*, Springer , Issue. 292, Vol.123, 1-9 (Impact Factor: 1.604) (UGC Indexed) (Scopus Indexed).
187. Rajat Joshi, Charanjeet Singh, Jasbir Singh, Dalveer Kaur, S Bindra Narang, Rajshree B Jotania (2017), A Study of Microwave Absorbing Properties in Co-Gd doped M-type Ba-Sr Hexaferrites Prepared using Ceramic Method, *Journal of Materials Science: Materials in Electronics* , Issue. 16, Vol.28, pp 11969-11978 (Impact Factor: 2.019) (UGC Indexed) (Scopus Indexed).
188. Kunal Pubby, Sukhleen Bindra Narang, Prabhjyot Kaur, S.K. Chawla (2017), Modulation of Electromagnetic and Absorption Properties in 18–26.5 GHz Frequency Range of Strontium Hexaferrites with Doping of Cobalt-Zirconium, *Applied Physics A*, Issue. 1, Vol.123, pp 308-312 (Impact Factor: 1.694) (UGC Indexed) (Scopus Indexed).
189. Sukhleen Bindra Narang, Kunal Pubby, S.K. Chawla, Prabhjyot Kaur (2017), Origin of Absorption Peaks in Reflection Loss Spectrum in Ku-frequency band of Co-Zr Substituted Strontium Hexaferrites Prepared using Sucrose Precursor, *Journal of Magnetism and Magnetic Materials*, Issue. 1, Vol.426, pp 202-205 (Impact Factor: 3.046) (UGC Indexed) (Scopus Indexed).
190. Prabhjyot Kaur, S.K Chawla, Sukhleen Bindra Narang, Kunal Pubby (2017), Effect of Cu-Co-Zr Doping on the Properties of Strontium Hexaferrites Synthesized by Sol-Gel Auto-combustion Method, *Journal of Superconductivity and Novel Magnetism*, Issue. 3, Vol.30, pp 635-645 (Impact Factor: 1.142) (UGC Indexed) (Scopus Indexed).
191. Jasbir Singh, Charanjeet Singh, Dalveer Kaur, Hesham Zaki, IA Abdel-Latif, S. Bindra Narang, Rajshree Jotania, Sanjay R Mishra, Rajat Joshi, Preksha Dhruv, Madhav Ghimire, Sagar E Shirsath, SS Meena (2017), Elucidation of phase evolution, microstructural, Mössbauer and magnetic properties of Co²⁺-Al³⁺ doped M-type Ba-Sr hexaferrites synthesized by a ceramic method, *Journal of Alloys and Compounds* , Issue. 1, Vol.695, pp 1112-1121. (Impact Factor: 3.779) (UGC Indexed) (Scopus Indexed).
192. Rajat Joshi, Charanjeet Singh, Dalveer Kaur, Hesham Zaki, S. Bindra Narang, Rajshree Jotania, Sanjay R Mishra, Jasbir Singh, Preksha Dhruv, Madhav Ghimire (2017), Structural and Magnetic Properties of Co²⁺-W⁴⁺ ions doped M-type Ba-Sr Hexaferrites Synthesized by a Ceramic Method, *Journal of Alloys and Compounds* , Issue. 1, Vol.695, pp 909-914 (Impact Factor: 3.779) (UGC Indexed) (Scopus Indexed).
193. Jasbir Singh, Charanjeet Singh, Dalveer Kaur, S. Bindra Narang, Rajshree Jotania, Rajat Joshi (2017), Investigation on Structural and Microwave Absorption Property of Co²⁺ and Y³⁺ Substituted M-type Ba-Sr Hexagonal Ferrites Prepared by a Ceramic Method, *Journal of Alloys and Compounds*, Issue. 1, Vol. 695, pp 792-798 (Impact Factor: 3.779) (UGC Indexed) (Scopus Indexed).
194. Sukhleen Bindra Narang, Kunal Pubby, Charanjeet Singh (2017), Thickness and Composition Tailoring of K- and Ka-Band Microwave Absorption of BaCoxTixFe (12-2x) O19 Ferrites, *Journal of Electronic Materials*, Issue. 2, Vol. 46, pp 718-728 (Impact Factor: 1.566) (UGC Indexed) (Scopus Indexed).
195. Charanjeet Singh, S. Bindra Narang (2017), Wideband and Narrowband Microwave Characteristics of Co/Ti-Substituted M Type Ca-Hexagonal Ferrite, *Journal of Electronic Materials*, Issue. 2, Vol.46, pp 866-871 (Impact Factor: 1.566) (UGC Indexed) (Scopus Indexed).
196. Jasbir Singh, Charanjeet Singh, Dalveer Kaur, S. Bindra Narang, Rajshree Jotania, Rajat Joshi (2017), Microwave Absorbing Characteristics in Co²⁺ and Al³⁺ Substituted Ba_{0.5}Sr_{0.5}CoxAl_xFe_{12-2x}O₁₉

Hexagonal Ferrite, Journal of Materials Science: Materials in Electronics, Issue. 3, Vol.28, pp 2377-2384 (Impact Factor: 2.019) (UGC Indexed) (Scopus Indexed).

197. Amit Arora, Sukhleen Bindra Narang, Kunal Pubby (2017), Effect of Thickness on Microwave Absorptive Behavior of La-Na doped Co-Zr Barium Hexaferrites in 18.0–26.5 GHz Band, Journal of Magnetism and Magnetic Materials, Issue. 1, Vol.423, pp 441-446 (Impact Factor: 3.046) (UGC Indexed) (Scopus Indexed).
198. Sukhleen Bindra Narang, Kunal Pubby (2017), Electromagnetic Characterization of Co-Ti-Doped Ba-M Ferrite-Based Frequency-Tunable Microwave Absorber in 12.4-40 GHz, Journal of Superconductivity and Novel Magnetism, Issue. 2, Vol.30, pp 511-520 (Impact Factor: 1.142) (UGC Indexed) (Scopus Indexed).
199. Prabhjyot Kaur, S.K. Chawla, S.S. Meena, S.M. Yusuf, Kunal Pubby, S. Bindra Narang (2017), Modulation of Physico-Chemical, Magnetic, Microwave and Electromagnetic Properties of Nanocrystalline Strontium Hexaferrite by Co-Zr Doping Synthesized using Citrate Precursor Sol-Gel Method, Ceramics International, Issue. 2, Vol.43, pp 590-598. (Impact Factor: 3.057) (UGC Indexed) (Scopus Indexed).
200. Prabhjyot Kaur, S.K. Chawla, Sukhleen Bindra Narang, Kunal Pubby (2017), Structural, Magnetic and Microwave Absorption Behavior of Co-Zr Substituted Strontium Hexaferrites Prepared Using Tartaric Acid Fuel for Electromagnetic Interference Suppression, Journal of Magnetism and Magnetic Materials , Issue. 1, Vol.422, pp 304-314 (Impact Factor: 3.046) (UGC Indexed) (Scopus Indexed).
201. Rajat Joshi, Charanjeet Singh, Dalveer Kaur, S Bindra Narang, Rajshree Jotania, Jasbir Singh (2017), Microwave Absorption Characteristics of Co^{2+} and W^{4+} Substituted M-type $\text{Ba}_0.5\text{Sr}_0.5\text{CoxWxFe}_{12-2x}\text{O}_{19}$ Hexagonal Ferrites, Journal of Materials Science: Materials in Electronics, Issue. 1, Vol.28, pp 228-235 (Impact Factor: 2.019) (UGC Indexed) (Scopus Indexed).
202. Amit Arora, Sukhleen Bindra Narang (2017), Tuning of Microwave Absorptive Behavior of Double Substituted Barium Hexaferrites with Change in Thickness in 26.5–40.0 GHz Band, Applied Physics A , Issue. 8, Vol.123, pp 520-524 (Impact Factor: 1.694) (UGC Indexed) (Scopus Indexed).
203. Milanpreet Kaur, Ravinder Sawhney, Derick Engles, (2017), Proliferating Miller Indices of C₂₀ Fullerene Device under DFT-NEGF Regime, Journal of Molecular Graphics and Modelling (Elsevier), Vol.71, pp 184-191. (Scopus Indexed).
204. Milanpreet Kaur, Ravinder Sawhney, Derick Engles, (2017), Negative Differential Resistance Observation in Complex Convoluted Fullerene Junctions, Journal of Applied Physics (American Institute of Physics), Issue. 6, Vol.123, pp 161511-161511. (Scopus Indexed).
205. Rajan Vohra, Yogita Bhat, Milanpreet Kaur, Ravinder Sawhney, (2017), Scrutiny of Electron Transport Properties of Adenine Molecule Under Dissimilar Miller Orientations, Journal of Bionanoscience (American Scientific Publishers), Issue. 5, Vol.11, pp 363-369. (Scopus Indexed).
206. Yogita Bhat, Rajan Vohra, Milanpreet Kaur, Ravinder Sawhney, (2017), Impact of Different Metallic Electrodes on Quantum Transport Through Deoxyribonucleic Acid, Journal of Computational and Theoretical Nanoscience (American Scientific Publishers), Issue. 8, Vol.14, pp 4137-4142. (Scopus Indexed).
207. Milanpreet Kaur, Ravinder Sawhney, Derick Engles (2017), Morphology Pursuance in C₂₀ Fullerenes Molecular Junction: Ab Initio Implementation, Journal of Micromechanics and Molecular Physics (World Scientific Publishers), Issue. 2, Vol.2, pp 1750007-1750007. (Scopus Indexed).
208. Milanpreet Kaur, Ravinder Sawhney, Derick Engles (2017), Smallest Fullerene-like Clusters in two-probe Device Junctions: First Principle Study, Molecular Physics (Talyor and Francis), Issue. 14, Vol.115, pp 1678-1686. (Scopus Indexed).

209. Gurnpreet Singh, Maninder Lal Singh (2017), Spectral Bandwidth-Efficient Four-Wave Mixing Minimization Scheme for C-band Dense Wavelength Division Multiplexed System, *Optical Engineering*, Vol.56, (Scopus Indexed).
210. Palvinder Kaur, Karamdeep Singh, Shivinder Devra, Gagandeep Kaur, Maninder Lal Singh (2017), Evaluation of Gain Spectrum of Silica-Based Single/Dual-Pumped Thulium-Doped Fiber Amplifier (TDFA) by Optimizing its Physical and Pumping Parameters in the Scenario of Dense Wavelength Division Multiplexed Systems (DWDM), *Journal of Optical Communications*, (Scopus Indexed).
211. Malik Efshana Bashir, Karamdeep Singh, Shivinder Devra (2017), Simulative Evaluations of in Band and Out of Band Crosstalk Penalties for Advanced Modulation Formats in Wavelength Division Multiplexed (WDM) Networks, *International Journal of Engineering and Management Research*, Issue. 3, Vol.7, pp 227-237. (Scopus Indexed).
212. Mamta Bhatti, Karamdeep Singh, Shivinder Devra, Gagandeep Kaur (2017), An all-optical CSNRZ, DBNRZ & MDBNRZ to NRZ Format Conversion Strategy Based on a Single Mach-Zehnder Delayed Interferometer (MZ-DI), *International Journal of Engineering and Techniques*, Issue. 4, Vol.3, pp 41-54 (Scopus Indexed).
213. Komalpreet Kaur, Karamdeep Singh, Shivinder Devra, Gagandeep Kaur (2017), Characterization of Erbium Ytterbium Co-Doped Waveguide Amplifier (EYDWA) Utilizing Co/Counter Propagating Pumping Configurations, *International Journal of Engineering and Management Research*, Issue. 4, Vol.7, pp 206-215. (Scopus Indexed).
214. Karan Singh, Karamdeep Singh, Shivinder Devra, Gagandeep Kaur (2017), Some Studies on Gain Spectra Optimization of Multi Pumped Th₃₊ - Er₃₊ (Thulium Erbium) Doped Hybrid Optical Amplifier, *International Journal of Engineering and Techniques*, Issue. 4, Vol.3, pp 10-17. (Scopus Indexed).
215. Karambir Singh, Karamdeep Singh, Shivinder Devra, Gagandeep Kaur (2017), Evaluation of Security Aspects of Some Optical Code Division Multiple Access (OCDMA) Systems, *International Journal of Engineering and Techniques*, Issue. 4, Vol.3, pp 18-25. (Scopus Indexed).
216. Inderjeet kaur, Karamdeep Singh, Shivinder Devra, Gagandeep kaur (2017), Performance Comparison of Four-Wave Mixing (FWM) in a Single Semiconductor Optical Amplifier (SOA) Based All-Optical Up/Down Wavelength Converter for Advanced Modulation Formats (CSRZ, DBRZ and MDBRZ) on the basis of Power Penalties, *International Journal of Engineering and Techniques*, Issue. 4, Vol.3, pp 154-162. (Scopus Indexed).
217. Gursharanpal Singh, Shivinder Devra, Karamdeep Singh (2017), Performance Evaluation of Decision Feedback Equalization (DFE) Based Dispersion Compensator by Varying forward Tap Space & Adaptive Step Size in The Scenario of 4x10-Gbit/S Wdm System, *International Journal of Advanced Research in Computer Science*, Issue. 7, Vol.8, pp 324-328. (Scopus Indexed).
218. Nikhil Bhandari, Shivinder Devra, Karamdeep Singh (2017), Evolution of Cellular Network: From 1G to 5G, *International Journal of Engineering and Techniques*, Issue. 5, Vol.3, pp 98-105. (Scopus Indexed).
219. Shivinder Devra (2017), Optical Wavelength Interleaving, Advances in Wireless and Mobile Communications, Issue. 3, Vol.10, pp 511-517. (Scopus Indexed).
220. Karamdeep Singh, Gurmeet Kaur and Maninder Lal Singh (2017), Performance Analysis of an All-Optical Half-Subtractor based on Cross-Gain Modulation (XGM) in Semiconductor Optical Amplifier (SOA) at 20 Gbps, *Optoelectronics and Advanced Materials-Rapid Communications*, Issue. 3/4, Vol.11, pp 189-196 (Scopus Indexed).
221. Karamdeep Singh, Gurmeet Kaur and Maninder Lal Singh (2017), Enhanced Performance of an All-Optical Half-Subtractor based on Cross-Gain Modulation (XGM) in Semiconductor Optical Amplifier (SOA) by Accelerating its Gain Recovery Dynamics, *Photonic Network Communications*, Issue. 1, Vol.34, pp 111-130. (Scopus Indexed).

222. P. Kaur, K. Singh, S. Devra, G. Kaur and M. L. Singh (2017), Evaluation of Gain Spectrum of Silica based single/dual Pumped Thulium doped Fiber Amplifier (TDFA) by Optimizing its Physical and Pumping Parameters in the Scenario of Dense Wavelength Division Multiplexed Systems (DWDM), Journal of Optical Communications, (Accepted) (Scopus Indexed).
223. Tushar Nayyar, Sarvpreet Singh and Karamdeep Singh (2017), Extraction of Random Data from .jpeg/.tiff/.png images utilizing Prewitt Operator, International Journal of Computer Applications (IJCA), Issue. 2, Vol.160, pp 7-12. (Scopus Indexed).
224. Gursharanpal Singh, Shivinder Devra and Karamdeep Singh (2017), Performance Evaluation of Decision Feedback Equalization (DFE) based Dispersion Compensator by varying Forward Tap Space & Adaptive Step Size, International Journal of Advanced Research in Computer Science, Issue. 7, Vol.8, pp 324-328 (Scopus Indexed).
225. Malik Efshana Bashir, Karamdeep Singh, Shivinder Devra (2017), Simulative Evaluations of in Band and Out of Band Crosstalk Penalties for Advanced Modulation Formats in Wavelength Division Multiplexed (WDM) Networks, International Journal of Engineering and Management Research, Issue. 3, Vol.7, pp 227-237. (Scopus Indexed).
226. Karan Singh, Karamdeep Singh, Shivinder Devra and Gagandeep Kaur (2017), Some Studies on Gain Spectra Optimization of Multi Pumped Th₃₊ - Er₃₊ (Thulium-Erbium) Doped Hybrid Optical Amplifier, International Journal of Engineering and Techniques, Issue. 4, Vol.3, pp 10-17. (Scopus Indexed).
227. Komalpreet Kaur, Karamdeep Singh, Shivinder Devra, Gagandeep Kaur (2017), Characterization of Erbium Ytterbium Co-Doped Waveguide Amplifier (EYDWA) Utilizing Co/Counter Propagating Pumping Configurations, International Journal of Engineering and Management Research, Issue. 4, Vol.7, pp 206-215. (Scopus Indexed).
228. Karambir Singh, Karamdeep Singh, and Shivinder Devra (2017), OCDMA & its Applications in Fiber Optics Communication Networks, Indian Journal of Science and Technology, Issue. 31, Vol.10, pp 1-5 (Scopus Indexed).
229. Nikhil Bhandari, Shivinder Devra, Karamdeep Singh (2017), Evolution of Cellular Network: From 1G to 5G, International Journal of Engineering and Techniques, Issue. 5, Vol.3, pp 98-105. (Scopus Indexed).
230. Karambir Singh, Karamdeep Singh, Shivinder Devra and Gagandeep Kaur (2017), Evaluation of Security Aspects of Some Optical Code Division Multiple Access (OCDMA) Systems, International Journal of Engineering and Techniques, Issue. 4, Vol.3, pp 18-25. (Scopus Indexed).
231. Mamta Bhatti, Karamdeep Singh, Shivinder Devra and Gagandeep Kaur (2017), An all-optical CSNRZ, DBNRZ & MDBNRZ to NRZ Format Conversion Strategy Based on a Single Mach-Zehnder Delayed Interferometer (MZ-DI), International Journal of Engineering and Techniques, Issue. 4, Vol.3, pp 41-54. (Scopus Indexed).
232. Inderjeet kaur, Karamdeep Singh, Shivinder Devra and Gagandeep kaur (2017), Performance Comparison of Four-Wave Mixing (FWM) in a Single Semiconductor Optical Amplifier (SOA) based all-optical up/down Wavelength Converter for Advanced Modulation Formats (CSRZ, DBRZ and MDBRZ) on the basis of Power Penalties, International Journal of Engineering and Techniques, Issue. 4, Vol.3, pp 154-162. (Scopus Indexed).
233. Rupendee kaur, Noorinder kaur (2017), Reconnoitring the Current Characteristics of the double C₂₀ Fullerene Molecular Device in Two Probe Configuration, Journal of Molecular Modelling, pp 1-7 (Scopus Indexed).
234. Rupendee kaur, Jupinder Kaur (2017), Disquisition on Electronic Transport Properties of B₄₀ Fullerene With Chalcogens as Anchor Atoms, Journal of Molecular Modelling, pp 1-12. (Scopus Indexed).

FACULTY OF HUMANITIES & RELIGIOUS STUDIES

GURU NANAK STUDIES

235. Mohubat Singh (2017), *Veehivin Sadi Vich Bhai Vir Singh Da Chintan: Gurbani Vyakhaya De Parsang Vich*, Nirguniara, Issue. April-June, Vol.123, pp 10-15. (UGC Indexed) (Scopus Indexed).
236. Mohubat Singh (2017), *Guru Gobind Singh Ka Jiwan aur Vyaktitav*, Panchbati Sandesh, ISSN 0970-7689, Issue. 3, Vol.39, pp 16-25. (UGC Indexed) (Scopus Indexed).
237. Manvinder Singh (2017), *Bani Maru Sohale Mahala Vichley Partikan da Adhyan*, Dhraram Adhyan Patrika, Department of Guru Nanak Studies, GNDU, ISSN: 2393-9753, Issue. Yearly, Vol. VI, in press, (UGC Indexed) (Scopus Indexed).
238. Manvinder Singh (2017), Relevance of Shri Guru Granth Sahib in Modern Times, Journal of Sikh Studies, ISSN No 0972-3765, Issue- Yearly, Vol.XLI, (Accepted), (UGC Indexed) (Scopus Indexed).
239. Bharatbeer Kaur Sandhu (2017), *Sikh Dharm Vich Pesh Nyah: Viharik Adhyan*, Dharam Adhyan Patrika, Issue. 2016, Vol. VI. (UGC Indexed) (Scopus Indexed).
240. Bharatbeer Kaur Sandhu and Charat Singh (2017), Sikhs in Oman: A Survey, Journal of Sikh Studies, Issue. 2017, Vol.LXI. (UGC Indexed) (Scopus Indexed).
241. Bharatbeer Kaur Sandhu (2017), *Sikh Dharm Vich Pesh Nyah: Viharik Adhyan*, Dharam Adhyan Patrika, Issue. 2016, Vol VI. (Scopus Indexed).

FACULTY OF LANGAUGES

HINDI

242. Sharma, Sunita (2017), *Alpcharchit Chestiya Suffi Sadhak*, Kashf, ISSN: 2231-3869, Vol.16, pp 84-92 (Scopus Indexed).
243. Sharma, Sunita (2017), *Anjana Sandhir Krit Kavita Sangraha "America Hadiyon me Jam Jata hai" me Chitrit Parwasi Bharitya Jeevan*, Kritika, Issue. ISSN: 0974-0002, Vol.20, pp 132-141. (UGC Indexed) (Scopus Indexed).
244. Sharma, Sunita, Indu Chandan (2017), *Upendranath Ashq Krit "Swarg Ek Tal ghar Hai" Mai Naitikta aur Dharam*, Indraprastha Review, ISSN: 2394-563X, Vol.4:1, pp 129-136. (UGC Indexed) (Scopus Indexed).
245. Sudha Jitender, Richa Nangla (2017), *Hindi aur Punjabi Atamkatha Sahitya Ka Ithasik Vikas*, Shiraza, (Scopus Indexed).
246. Sudha Jitender, Richa Nangla (2017), *Satri Upaksha Ke Karungatha Krishna Agnihotri Ke Atamkatha aur Aourat*, Nagari Parcharnai Sabha, (Scopus Indexed).
247. Kumar, Sunil, Lovepreet (2017), *Fanishwarnath Renu Krit Upanyas Maila Aanchal Me Samajik Sarokar*, Shodh Reetu, Issue. 7, Vol. Jan-March, pp 157-161. (Scopus Indexed).
248. Kumar, Sunil, Kaur, Loveleen (2017), *Sant Sahitya Ki Samajik Sarthakta*, Shodh Reetu, Issue. 7, Vol. Jan-Mar, pp 153-156. (Scopus Indexed).
249. Kumar, Sunil, Savita (2017), *Lala Shriniwas Das Krit Opanyasik Kriti Pariksha Guru: Ek Adhyayan*, Shodh Reetu, Issue. 7, Vol. Jan-Mar, pp 147-152. (Scopus Indexed).
250. Kumar, Sunil, Savita (2017), *Nasira Sharma Krit Upanyas Thikre Ki Mangani Me Nari Vimarsh*, Bohal Shodh Manjusha, Issue. 5, Vol. Jan-Mar, pp 55-58. (Scopus Indexed).
251. Kumar, Sunil, Kaur, Loveleen (2017), *Nagarjuna Ki Sanskritik Chetna*, Shodh Reetu, Issue. July-Dec, Vol.1, pp 69-79. (Scopus Indexed).

252. Kumar, Sunil (2017), *Hindi Bhasha aur Sahitya Ke Vikas Mein Aacharya Hazariprasad Davivedi Ka Yogdan*, Parivartan, Issue. Oct-Dec, Vol.8, pp 11-18. (Scopus Indexed).
253. Kumar, Sunil (2017), *Manav Adhikar aur Aatankvad*, Bohal Shodh Manjusha, Issue. 5, Vol. Jan-March, pp 29-33. (Scopus Indexed).
254. Sunil Kumar, Loveleen Kaur (2017), *Dharam, Sanskriti aur Naitikta Ki Triveni: Shri Guru Gobind Singh Ji*, Sahitya Sanchaya, Issue. 2016, Vol.7, pp 31-34 (UGC Indexed) (Scopus Indexed).
255. Sudha Jitender (2017), Aadhunik Hindi Kavita: Ek Kranti, Ek Chetna Baroh Patrika, Baroh, Vol. June, pp 47-50. (Scopus Indexed).
256. Sudha Jitender, Atma Ram (2017), *Kathaye Ki Vyaptla Kay Kavi: Leeladhar Jaguri*, Shodh Disha, Vol.Sep, pp 108-121. (Scopus Indexed).
257. Sudha Jitender, Neelu (2017), *Leeladhar Jaguri Ki Kavitaon Ka Shalilivaigainik Nirvachan*, Vidyavarta, Issue. 2017, Vol.05, pp 143-150. (Scopus Indexed).
258. Sudha Jitender, Aarti (2017), *Upbhogtavadi Sanskriti Key Mool Mantar ‘Use and Throw’ par Parkash Daalta Kamal Kumar Ka Upanyaas ‘Password’*, Nagri Patrika, Issue. 2017, Vol. 3, pp 12-13. (Scopus Indexed).
259. Sudha Jitender (2017), *Jagdish Chander Ki Rachna Prakriya*, Sahitya Chintan Patrika, Issue. 2017, Vol.1, pp 21-31. (Scopus Indexed).
260. Sudha Jitender (2017), *Hindi Katha Sahitya : Kendriya Chintan Bindu (Punjab Ka Sandharbh)*, Parishodh, Issue. 2017, Vol.14, 90-104 (Scopus Indexed).
261. Sudha Jitender, Richa Nagla (2017), *Hindi aur Punjabi Sahit Ka Itihasik Vikas*, Shiraja, (Scopus Indexed).
262. Sudha Jitender, Richa Nagla (2017), *Istri Upeksha Ki Karamgatha Krishna Agnihotri Atam Katha Aur Aurat*, Nagri parcharni, (Scopus Indexed).
263. Sudha Jitender, Deepika Sood (2017), *Hindi aur Punjabi ke Prmukh Baal Sahitkaar*, Navnikash Patrika, Issue. 2017, Vol. October, pp 26-33. (UGC Indexed) (Scopus Indexed).
264. Sudha Jitender, Richa Nangla (2017), *Stri Upeksha Ki Karun Gatha-Krishna Agnihotri Ki Aatam Katha "Aur...Aur...Aurat"*, Nagri Patrika, Issue. 2017, Vol. July-August, pp 8-10. (UGC Indexed) (Scopus Indexed).
265. Sudha Jitender, Neha Hans (2017), *Paryavarn Chetna Ke Prakhar Kavi: Leeladhar Mandloi*, Nagri Patrika, Issue. 2017, Vol.10-11-12, pp 20-26. (UGC Indexed) (Scopus Indexed).
266. Sapna Sharma (2017), *Pani Ke Paanv Kavya Sangreh Ek Sandristi*, Baroh, Amritsar, Vol.1, pp 110-112 (Scopus Indexed).

SANSKRIT, PALI & PRAKRIT

267. Vishal Bhardwaj (2017), *Nitishastra Mein kar Prabandhan*, Purva Mimansa, Issue. 1-2, Vol.8, pp 143-148. (Scopus indexed).
268. Vishal bhardwaj (2017), *Shri Guru Govind Singh ji ka Panditya*, Vraj Nandini, Issue. 1, Vol.12, pp 102-103. (Scopus indexed).
269. Vishal bhardwaj (2017), *Sanskrit Angreji Bhashaon Mein Bhav-Samya*, Sanskrit Manjari, Vol.4, pp 61-65. (Scopus Indexed).

SCHOOL OF PUNJABI STUDIES

270. Manjinder Singh (2017), *Parvaasi Punjabi Kav: Parvachan de Nav-Dharatal*, Sanvad, Issue. 2, Vol. 6, pp 75-80. (UGC Indexed) (Scopus Indexed).

- 271. Manjinder Singh (2017), *Bhai Vir Singh Rachit Kavita di Bhasha Drishti*, Nirguniara, Issue. 4, Vol. 1725, pp 12-16 (Impact Factor: Not Quoted) (UGC Indexed) (Scopus Indexed).
- 272. Inderpreet Kaur (2017), *Merian Jhanjharan di Chan Chan Ik Adhyan Nari Vadi Parpek*, Ajoke Shilalekh, Issue. July-Sep, pp 24-26. (Scopus Indexed).
- 273. Darya (2017), *Bilian Akha Da Jadoo: Parvachan Te Pasar*, Raag, Issue. Jan-April, Vol.1, pp 147-153 (Scopus Indexed).
- 274. Darya (2017), *Punjabi Rishta Parbandh Vich Jawai: Sabhyacharak Paripekh*, Khoj Darpan, Issue. 2014, Vol.65, pp 37-44. (Scopus Indexed).

URDU AND PERSIAN

- 275. Mohd Altaf Bhat, Dr Aziz Abass (2017), Kashmair Mein Asr-E-Hazir Ka Farsi Shaer Anees Kazmi, Dabeer, 2394-5567, Vol.4, pp 44-50. (Scopus Indexed).
- 276. Mohd Altaf Bhat (2017), Ahimyate Farhungi-W- Ajtimayi Tareekh-E-Abdul Qadir Sarwari, Qand- E- Farsi, 2394-5567, Vol.73-74, pp 264-288. (Scopus Indexed).
- 277. Mohd Altaf Bhat (2017), Sukhandan-E-Faras K Taaruf Naqad-O-Tabsura, Anware Tahqeeq, 2394-5567, Vol.3, pp 19-31. (Scopus Indexed).
- 278. Mohd Altaf Bhat (2017), Beesvein Sadi Eisvein Ke Buland Paya Sha-Ir Allama Iqbal: Ek Jayiza, Aalami Urdu Adab, 2394-7624, Issue. Online, Vol.14, pp 1-10 (Scopus Indexed).
- 279. Rahan Hasan (2017), Abid Suhail Ki Khaka Nigari, Fikr-O-Tehqeeq, Issue. 1-2, Vol.20, pp 175-191. (Scopus Indexed).

FACULTY OF LAWS

LAWS

- 280. Uma Prasher, Neena Rosey Kahlon (2017), Tribal Women and Health Services: A study of Jammu and Kashmir, Research Expo (International Multidisciplinary Research Journal), Issue. VI, August, Vol.VII, pp 40-47. (Scopus Indexed).
- 281. Uma Prasher, Jagdish (2017), Status of Tribal Women: Empirical Evidences from Jammu and Kashmir, QUEST, Issue X, December, Vol. VI, pp 10-16. (Scopus Indexed).
- 282. Manbir Kaur, Kiranbir Kaur (2017), An Efficient Resource Provisioning Technique in Inter-Cloud using Peer-to-Peer Approach, American Journal of Engineering and Applied Sciences, Issue. 2, Vol.10, pp 529- 539. (Scopus Indexed).
- 283. Katiyani Juneja (2017), Gender Equality is a Human Right: An Assessment of Convention on the Elimination of all forms of Discrimination Against Women (CEDAW), South-Asian Journal of Multidisciplinary Studies (SAJMS), Issue. 3, Vol.4, pp 54-60. (Scopus Indexed).
- 284. Katiyani Juneja (2017), GST Enforcement- Is a Decoy Good to Deploy?, Excise Law Times, Issue. 4, Vol. 350, pp 348-350. (Scopus Indexed).
- 285. Katiyani Juneja (2017), Free Legal Aid: A Catalyst for Social Change, Journal of Global Research and Analysis, Issue. 2, Vol.5, pp 107-115. (Scopus Indexed).
- 286. Ravideep Badyal and Meera Mathew (2017), Judicial Independence and Accountability: Special Reference to Indian Judicial Appointments, Madras Law Journal, Issue. 8, Vol.2017, pp 1-20. (Scopus Indexed).

FACULTY OF LIFE SCIENCES

BIOTECHNOLOGY

287. Taranjeet, Gurcharan, (2017), *Withania Somnifera as a Potential Candidate to Ameliorate High Fat Diet-Induced Anxiety and Neuroinflammation*, Journal of Neuroinflammation (BioMed Central), Issue. 1, Vol.14, pp 1-18. (Impact Factor: 5.19) (UGC Indexed) (Scopus Indexed).
288. Palwinder Singh, Sukhmeet Kaur, Anuradha Sharma, Gurcharan Kaur, Rajbir Bhatti (2017), TNF-a and IL-6 Inhibitors: Conjugates of N-substituted Indole and Aminophenylmorpholin-3-one as Anti-Inflammatory Agents, European Journal of Medicinal Chemistry (Elsevier), Vol.140, pp 92-103. (Impact Factor: 4.81) (UGC Indexed) (Scopus Indexed).
289. Gabriele Loers, Steven Astafiev, Yuliya Hapiak, Vedangana Saini, Bibhudatta Mishra, Sheraz Gul, Gurcharan Kaur, Melitta Schachner, Thomas Theis (2017), The Polysialic Acid Mimetics Idarubicin and Irinotecan Stimulate Neuronal Survival and Neurite Outgrowth and Signal via Protein Kinase C., Journal of Neurochemistry (Wiley), Issue. 3, Vol.142, pp 392-406. (Impact Factor: 4.61) (UGC Indexed) (Scopus Indexed).
290. Harpal Singh, Taranjeet Kaur, Shaffi Manchanda, Gurcharan Kaur (2017), Intermittent fasting combined with Supplementation with Ayurvedic Herbs Reduces Anxiety in Middle Aged Female Rats by Anti-Inflammatory Pathways, Biogerontology (Springer), Issue. 4, Vol.18, pp 601-614. (Impact Factor: 3.7) (UGC Indexed) (Scopus Indexed).
291. Shahi Imam Reja, Neetu Sharma, Muskan Gupta, Payal Bajaj, Vandana Bhalla, Ripu D. Parihar, Puja Ohri, Gurcharan Kaur, and Manoj Sharma Kumar (2017), A Highly Selective Fluorescent Probe for Detection of Hydrogen Sulfide in Living Systems: in Vitro and in Vivo Applications, Chemistry (Wiley), Issue. 41, Vol.23, pp 9872-9878. (Impact Factor: 5.16) (UGC Indexed) (Scopus Indexed).
292. Shahi Imam Reja, Muskan Gupta, Neha Gupta, Vandana Bhalla, Puja Ohri, Gurcharan Kaur, and Manoj Kumar (2017), A Lysosome Targetable Fluorescent Probe for Endogenous Imaging of Hydrogen Peroxide in Living Cells, Chemical Communications (Royal Society of Chemistry), Issue. 26, Vol.53, pp 3701-3704. (Impact Factor: 6.29) (UGC Indexed) (Scopus Indexed).
293. Shaffi Manchanda, Gurcharan Kaur (2017), *Withania Somnifera Leaf Alleviates Cognitive Dysfunction by Enhancing Hippocampal Plasticity in High Fat Diet Induced Obesity Model*, BMC Complementary and Alternative Medicine (BioMed Central), Issue. 1, Vol.17, pp 136-13. (Impact Factor: 2.11) (UGC Indexed) (Scopus Indexed).
294. Gurbir Singh, Raman Kamboj, Venus Singh Mithu, Vinay Chauhan, Taranjeet Kaur, Gurcharan Kaur, Sukhprit Singh, Tejwant Singh Kang (2017), Nicotine-based Surface Active Ionic Liquids: Synthesis, Self-Assembly and Cytotoxicity Studies, Journal of Colloid and Interface Science (Elsevier), Issue. 1, Vol.496, pp 278-289. (Impact Factor: 5.09) (UGC Indexed) (Scopus Indexed).
295. Taranjeet Kaur, Harpal Singh, Rachana Mishra, Shaffi Manchanda, Muskan Gupta, Vedangana Saini, Anuradha Sharma and Gurcharan Kaur (2017), *Withania Somnifera as a Potential Anxiolytic and Immunomodulatory Agent in Acute Sleep Deprived Female Wistar Rats*, Molecular and Cellular Biochemistry (Springer), Issue. 1-2, Vol.427, pp 91-101. (Impact Factor: 2.56) (UGC Indexed) (Scopus Indexed).
296. Shaffi Manchanda, Rachana Mishra, Rumani Singh, Taranjeet Kaur and Gurcharan Kaur (2017), *Aqueous Leaf Extract of Withania Somnifera as a Potential Neuroprotective Agent in Sleep Deprived Rats: A Mechanistic Study*, Molecular Neurobiology (Springer), Issue. 4, Vol.54, pp 3050-3061. (Impact Factor: 5.08) (UGC Indexed) (Scopus Indexed).
297. Neha Gupta, Taranjeet Kaur, Vandana Bhalla, Ripu D. Parihar, Puja Ohri, Gurcharan Kaur, Manoj Kumar (2017), *A Naphthalimide based Solid State Luminescent Probe for Ratiometric Detection of Aluminum*

- Ions: in Vitro and in Vivo Applications., Chemical Communications , Issue. 94, Vol.53, pp 12646-12649 (Impact Factor: 6.29) (UGC Indexed) (Scopus Indexed).
298. Dutta T., Kaur K., Singh H., Kumari S., Pareek A., Singh Prabhjeet (2017), Molecular Characterization of three FK506-Binding Protein (FKBP) Genes Cloned from Wheat (*Triticum aestivum* L.), J. Plant Biochemistry & Biotechnology , Issue. 4, Vol.26, pp 467-477. (Impact Factor: 0.774) (UGC Indexed) (Scopus Indexed).
 299. Kaur G., Singh H., Kaur K., Roy S., Pareek A., Singh Prabhjeet (2017), Role of Cysteine Residues in Regulation of Peptidyl-Prolyl Cis-Trans Isomerase Activity of Wheat Cyclophilin TaCYPA-1, Protein & Peptide Letters , Issue. 6, Vol.24, pp 551-560. (Impact Factor: 1.039) (UGC Indexed) (Scopus Indexed).
 300. Singh S., Virdi A.S., Jaswal R., Chawla M., Kapoor S., Mohapatra S.B., Manoj N., Pareek A., Kumar S., Singh Prabhjeet (2017), A Temperature-Responsive Gene in Sorghum Encodes a Glycine-Rich Protein that Interacts with Calmodulin., Biochimie , Issue. 3, Vol.137, pp 115-123. (Impact Factor: 3.188) (UGC Indexed) (Scopus Indexed).
 301. Singh B., Khurana P., Khurana J.P., Singh Prabhjeet (2017), Gene Encoding Vesicle-Associated Membrane Protein-Associated Protein from *Triticum Aestivum* (TaVAP) Confers Tolerance to Drought Stress, Cell Stress Chaperones, DOI : 10.1007/s12192-017-0854-1, (Impact Factor: 2.571) (UGC Indexed) (Scopus Indexed).
 302. Neetu Jabalia, Kanaga Rethinam, P. C. Mishra and Nidhee Chaudhary (2017), Biochemical Characterization of Protease from *Zingiber Officinale* Rhizome by using Neural Networking Approach, IJPSR, Issue. 12, Vol.8, pp 5276-5281. (Impact Factor: 0.137) (UGC Indexed) (Scopus Indexed).
 303. Kumar V, Kaur J, Singh AP, Singh V, Bisht A, Panda JJ, Mishra PC, Hora R (2017), PHISTc protein Family Members Localize to Different Subcellular Organelles and Bind Plasmodium Falciparum Major Virulence Factor PFEMP-1, FEBS J , Issue. doi: 10.1111/febs.14340, Vol.doi: 10.1111/febs.14340, 1-19 (Impact Factor: 4.53) (UGC Indexed) (Scopus Indexed).
 304. Sagg S.K, Mishra P.C (2017), Characterization of Thermostable Alkaline Proteases from *Bacillus Infantis* SKS1 isolated from Garden Soil, PLoS One, Issue. e0188724, Vol.12 (11), pp 1-18. (Impact Factor: 2.86) (UGC Indexed) (Scopus Indexed).
 305. Gurpreet Kaur, Kunchur Guruprasad, Brenda R.S. Temple, David G. Shirvanyants, Nikolay V. Dokholyan and Pratap Kumar Pati (2017), Structural Complexity and Functional Diversity of Plant NADPH Oxidases, Amino Acids, Issue. March 2016, Vol.7, p 359. (Impact Factor: 2.906) (UGC Indexed) (Scopus Indexed).
 306. Amrit Kaur, Pratap Kumar Pati, Aparna Pati and Avinash Kaur Nagpal (2017), In-Silico Analysis of Cis-Acting Regulatory Elements of Pathogenesis-Related Proteins of *Arabidopsis Thaliana* and *Oryza Sativa*, PLoS ONE, Issue. September 2017, Vol.12 (9), pp 1-24. (Impact Factor: 2.766) (UGC Indexed) (Scopus Indexed).
 307. Varinder Singh, Baldev Singh, Robin Joshi, Puneet Jaju and Pratap Kumar Pati (2017), Changes in the Leaf Proteome Profile of *Withania Somnifera* (L.) Dunal in Response to *Alternaria Alternata* Infection, PLoS ONE, Issue. June 2017, Vol.12 (6), pp 1-19. (Impact Factor: 2.766) (UGC Indexed) (Scopus Indexed).
 308. Savita, Pratap Kumar Pati, Gurdeep S. Virk and Avinash Nagpal (2017), In Vitro Selection of Resistant/Tolerant Mutants' lines of Citrus Jambhiri Lush. using Crude Culture Filtrate of Phytophthora Parasitica and their Randomly Amplified Polymorphic DNA Analysis, Journal of Phytopathology, Issue. July 2017, Vol.10.1111, pp 1-11. (Impact Factor: 0.823) (UGC Indexed) (Scopus Indexed).
 309. Navdeep Kaur and Pratap Kumar Pati (2017), Integrating Classical with Emerging Concepts for Better Understanding of Salinity Stress Tolerance Mechanisms in Rice, Frontiers in Environmental Science, Issue. July 2017, Vol.5: 42, pp 1-13. (UGC Indexed) (Scopus Indexed).

310. Pritika Singh, Rupam Guleri, Amrita Angurala, Kuldeep Kaur, Kulwinder Kaur, Sunil Kaul, Renu Wadhwa and Pratap Kumar Pati (2017), Addressing Challenges of *Withania Somnifera* through Organ, Tissue and Cell Culture Based Approaches, BioMed Research International, Issue. February 2017, Vol.2017, pp 1-15. (Impact Factor: 2.476) (UGC Indexed) (Scopus Indexed).
311. Neha Basotra, Swati Joshi, Satyanarayana Tulasi, Pratap Kumar Pati, Adrian Tsang, Bhupinder S Chadha (2017), Expression of Catalytically Efficient Xylanases from Thermophilic Fungus *Malbranchea Cinnamomea* for Synergistically Enhancing Hydrolysis of Lignocellulosics, International Journal of Biological Macromolecules , Issue. November 2017, Vol.108, pp 185-192. (Impact Factor: 3.671) (UGC Indexed) (Scopus Indexed).
312. Navdeep Kaur, Pratap Kumar Pati (2017), Integrating Classical with Emerging Concepts for Better Understanding of Salinity Stress Tolerance Mechanisms in Rice, Frontiers in Environmental Sciences, Issue. 42, Vol.5, pp 1-13. (Scopus Indexed).

BOTANICAL & ENVIRONMENTAL SCIENCES

313. Bhat S.A., Singh J., Vig A.P. (2017), Instrumental Characterization of Organic Wastes for Evaluation of Vermicompost Maturity, Journal of Analytical Science and Technology, Vol.8. (UGC Indexed) (Scopus Indexed).
314. Bhat S.A., Singh J., Vig A.P. (2017), Earthworms as Organic Waste Manures and Biofertilizer Producers, Waste and Biomass Valorization , pp 1-14. (Impact Factor: 1.874) (UGC Indexed) (Scopus Indexed).
315. Bhat S.A., Singh J., Vig A.P. (2017), Amelioration and Degradation of Pressmud and Bagasse Wastes using Vermitechnology, Bioresource Technology, Vol.243, pp 1097-1104. (Impact Factor: 5.80) (UGC Indexed) (Scopus Indexed).
316. Kaur P., Bali S., Sharma A., Vig A.P., Bhardwaj R. (2017), Effect of Earthworms on Growth, Photosynthetic Efficiency and Metal Uptake in *Brassica Juncea* L. Plants Grown in Cadmium-Polluted Soils, Environmental Science and Pollution Research , Issue. 15, Vol.24, pp 13452-13465. (Impact Factor: 2.800) (UGC Indexed) (Scopus Indexed).
317. Sharma R., Bhardwaj R., Bali S., Kohli S.K., Kaur R., Kaur P., Sharma M., Thukral A.K., Vig A.P., Ohri P. (2017), Role of Phytochelators in Land Reclamation: Recent Progress and Perspectives, Current Environmental Engineering, Vol.4, pp 42-52. (UGC Indexed) (Scopus Indexed).
318. Rampal G., Thind T.S., Arora R., Vig A.P., Arora S. (2017), Synergistic Antimutagenic Effect of Isothiocyanates against Varied Mutagens, Food and Chemical Toxicology , Issue. 2, Vol.109, pp 879-887. (Impact Factor: 3.977) (UGC Indexed) (Scopus Indexed).
319. Bhatti S.S., Bhat S.A., Kumar V., Kaur M., Minakshi, Sambyal V., Singh J., Vig A.P., Nagpal A.V. (2017), Ecological Risk Assessment of Metals in Roadside Agricultural Soils: A Modified Approach., Human and Ecological Risk Assessment: An International Journal, Issue. 1, Vol.24, pp 186-201. (Impact Factor: 1.508) (UGC Indexed) (Scopus Indexed).
320. Robin, Arora R., Arora S., Vig A.P. (2017), Development of Validated High-Temperature Reverse-Phase UHPLC-PDA Analytical Method for Simultaneous Analysis of Five Natural Isothiocyanates in Cruciferous Vegetables, Food Chemistry, Vol.239, pp 1085-1089. (Impact Factor: 4.946) (UGC Indexed) (Scopus Indexed).
321. Kaur P., Robin, Makanjuola V.O., Arora R., Singh B., Arora, S. (2017), Immunopotentiating Significance of Conventionally used Plant Adaptogens as Modulators in Biochemical and Molecular Signalling Pathways in Cell Mediated Processes, Biomedicine & Pharmacotherapy, Vol.95, pp 1815-1829. (Impact Factor: 3.457) (UGC Indexed) (Scopus Indexed).
322. Kaur, P., Kaur, R., Arora, R., and Arora, S. (2017), Effect of 3β , hydroxy-lup-20 (29)-en-28-oic acid on 7, 12-Dimethylbenz (a) Anthracene Impaired Cellular Homeostasis in Extrahepatic Organs of Sprague Dawley rats, Journal of Xenobiotics, Issue.1, Vol.7, (UGC Indexed) (Scopus Indexed).

323. Singh, G., Reja, S. I., Bhalla, V., Kaur, D., Kaur, P., Arora, S., and Kumar, M. (2017), Hexaphenylbenzene Appended AIEE active FRET based Fluorescent probe for Selective Imaging of Hg²⁺ ions in MCF-7 cell lines., Sensors and Actuators B: Chemical, Vol.249, pp 311-320 (Impact Factor: 5.667) (UGC Indexed) (Scopus Indexed).
324. Singh, H., Arora, R., Arora, S., and Singh, B. (2017), Ameliorative Potential of Alstonia Scholaris (Linn.) R. Br. against Chronic Constriction Injury-Induced Neuropathic Pain in Rats, BMC Complementary and Alternative Medicine, Issue. 1, Vol.17. (Impact Factor: 2.94) (UGC Indexed) (Scopus Indexed).
325. Kaur, J., Manhas R.K., Rani, R., and Arora, S. (2017), Actinobacteria from Soil as Potential Free Radical Scavengers, Malaysian Journal of Microbiology. (Impact Factor: 0.012) (UGC Indexed) (Scopus Indexed).
326. Rampal, G., Thind, T. S., Arora, R., Vig, A. P., and Arora, S. (2017), Synergistic Antimutagenic Effect of Isothiocyanates against Varied Mutagens, Food and Chemical Toxicology, (Impact Factor: 3.97) (UGC Indexed) (Scopus Indexed).
327. Singh, H., Bhushan, S., Arora, R., Buttar H.S., Arora, S and Singh B (2017), Alternative Treatment Strategies for Neuropathic Pain: Role of Indian Medicinal Plants and Compounds of Plant Origin-A Review, Biomedicine and Pharmacotherapy, Vol.92, pp 634-650. (Impact Factor: 3.457) (UGC Indexed) (Scopus Indexed).
328. Robin, Arora R., Arora S., Vig A.P. (2017), Development of Validated High-Temperature Reverse-Phase UHPLC-PDA Analytical Method for Simultaneous Analysis of Five Natural Isothiocyanates in Cruciferous Vegetables, Food Chemistry, Vol.239, pp 1085-1089. (Impact Factor: 4.76) (UGC Indexed) (Scopus Indexed).
329. Singh D, Arora R, Kaur P, Singh B, Mannan R, Arora S. (2017), Overexpression of Hypoxia-Inducible Factor and Metabolic Pathways: Possible Targets of Cancer, Cell & Bioscience. (Impact Factor : 3.2) (UGC Indexed) (Scopus Indexed).
330. Satyajit Singh, Arvinder Kaur, Saroj Arora and Mohan Paul Singh Ishar (2017), Topoisomerase IIa Inhibition and Induction of Apoptosis in Prostate (PC-3) Cancer Cells by Substituted Chromone-3-Carbaldoximes, Medchemcomm (Communicated). (Impact Factor: 2.13) (UGC Indexed) (Scopus Indexed).
331. Rajput, S., Sharma, R., Kaur, R and Arora, S. (2017), Analysis of Seasonal and Temporal Variations in Physicochemical and Microbial Characteristics of Surface Water in Amritsarr, Punjab, Journal of Chemical and Pharmaceutical Research. (Impact Factor: 0.20) (UGC Indexed) (Scopus Indexed).
332. Singh, H.; Bhushan, S.; Arora, R.; Buttar, H.S.; Arora, S. (2017), Alternative Treatment Strategies for Neuropathic Pain: Role of Indian Medicinal Plants and Compounds of Plant Origin-A Review, Biomedicine and Pharmacotherapy, Vol.92, pp 634-650. (Impact Factor: 3.457) (UGC Indexed) (Scopus Indexed).
333. Chaudhary, A., Choudhary, S., Sharma, U., Vig, A. P., Singh, B., & Arora, S (2017), Purple Head Broccoli (*Brassica oleracea* L. var. *italica* Plenck), a Functional Food Crop for Antioxidant And Anticancer Potential, Journal of Food Science and Technology, Issue. 5, Vol.55, pp 1806-1815. (Impact Factor: 1.79) (UGC Indexed) (Scopus Indexed).
334. Yadav, P., Kaur, R., Kanwar, M.K., Bhardwaj, R., Sirhindhi, G., Ahmad, P., Gucel, S (2017), Ameliorative Role of Castasterone on Copper Metal Toxicity by Improving Redox Homeostasis in *Brassica Juncea* L., Journal of Plant Growth Regulation, Issue. DOI. 10.1007/s00344-017-9757-B. (Impact Factor: 2.047) (UGC Indexed) (Scopus Indexed).
335. Kaur, H., Sirhindhi, G. and Bhardwaj, R. (2017), Influence of 28-Homobrassinolide on Photochemical Efficiency in *Brassica Juncea* under Dual Stress of Extreme Temperatures and Salt, Canadian Journal of Pure and Applied Sciences, Issue. 2, Vol.11, pp 4205-4213. (UGC Indexed) (Scopus Indexed).

336. V. Kumar, A. Sharma, S. Kohli, R. Bhardwaj and A.K. Thukral (2017), Multivariate Statistical Analysis of Secondary Metabolites and Total Lipid Antioxidants, International Journal of Tropical Agriculture, Issue. 2, Vol.35, pp 377-381. (UGC Indexed) (Scopus Indexed).
337. Sharma, A., Kumar, V., Bali, S., Thukral, A.K., Bhardwaj, R. (2017), Brassinolide Seed Treatment Modulates the Enzymatic Antioxidative Defense System in Indian Mustard under Imidacloprid Toxicity, International Journal of Tropical Agriculture , Issue. 2, Vol.35, pp 383-388. (UGC Indexed) (Scopus Indexed).
338. Rattan, A., Kapoor, N., Kapoor, D., Bhardwaj, R. (2017), Salinity Induced Damage Overwhelmed by the Treatment of Brassinosteroids in Zea Mays Seedlings, Advances in Bioresearch, Issue. 4, Vol.8, pp 148-163. (UGC Indexed) (Scopus Indexed).
339. Sharma, A., Umar, V. Kanwar, M.K., Bhardwaj, R. and Thukral. A. K (2017), Phytochemical Profiling of Brassica Juncea Plants using Various Organic Extracts by GC-MS, International Food Research Journal, Issue. 2, Vol.24, pp 547-551. (Impact Factor: 0.559) (UGC Indexed) (Scopus Indexed).
340. Kumar, V., Sharma, A., Thukral. A. K., Bhardwaj, R (2017), Multivariate Analysis of Antioxidant Enzymes and Pigments in the Leaves of Plants in Vicinity of River Beas, Ecology, Environment and Conservation Journal, Issue. 1, Vol.23, pp 215-221. (UGC Indexed) (Scopus Indexed).
341. Sharma, A., Kumar, V., Kanwar, M. K., Thukral. A. K. and Bhardwaj, R. (2017), Ameliorating Imidacloprid Induced Oxidative Stress by 24-Epibrassinolide in Brassica Juncea L., Russian Journal of Plant Physiology, Issue. 4, Vol.64, pp 509-517. (Impact Factor: 0.816) (UGC Indexed) (Scopus Indexed).
342. Kaur,H., Sirhind, G., Bhardwaj, R., Sharma, P. (2017), Interactive Effect of 28-Homobrassinolide and Salinity on Morpho-Physiological Attributes of 60 Day Old Brassica Juncea Plants, International Journal of Advances in Sciences and Engineering, Issue. 3, Vol.6, pp 315-324. (UGC Indexed) (Scopus Indexed).
343. Kaur, P., Bali, S., Vig, A.P., Bhardwaj, R. (2017), Effect of Earthworms on Growth, and Photosynthetic Efficiency and Metal Uptake in Brassica Juncea L. plants grown in Cadmium Polluted Soils, Environment Science & Pollution Research, Issue. 15, Vol.24, pp 13452-13465. (Impact Factor: 2.800) (UGC Indexed) (Scopus Indexed).
344. Kumar, V., Sharma, A., Thukral. A. K., Bhardwaj, R (2017), A Review of Water Quality of River Beas of India, Current Science, Issue. 6, Vol.112, pp 1138-1157. (Impact Factor: 0.883) (UGC Indexed) (Scopus Indexed).
345. Kumar, V., Sharma, A., Bhardwaj, R. and Thukral. A. K. (2017), Differential Distribution of Amino Acids in Plants, Amino Acids, Doi 10.1007/s00726-017-2401-x. (Impact Factor: 2.906) (UGC Indexed) (Scopus Indexed).
346. Sharma, A., Thakur, S., Kumar, V., Kesavan, A.K., Thukral, A.K., Bhardwaj, R. (2017), 24-Epibrassinolide Stimulates Imidacloprid Detoxification by Modulating the Gene Expression of Brassica Juncea L, BMC Plant Biology, Issue. DOI 10.1186/s12870-017-1003-9, Vol.17, (Impact Factor: 3.930) (UGC Indexed) (Scopus Indexed).
347. Handa, N., Kohli, S.K., Thukral, A.K., Arora, S., Bhardwaj, R. (2017), Role of Se (VI) in Counteracting Oxidative Damage in B. Juncea L. under Cr (VI) Stress, Acta Physiolgia Plantarum, Issue. DOI: 10.1007/s11738-017-2352-6, (Impact Factor: 1.438) (UGC Indexed) (Scopus Indexed).
348. Alyemeni. M.A., Ahanger, M.A., Wijaya, L., Alam, P., Bhardwaj R., and Ahamd, P (2017), Selenium Mitigates Cadmium-Induced Oxidative Stress in Tomato (*Solanum lycopersicum* L.) Plants by Modulating Chlorophyll Fluorescence, Osmolyte Accumulation and Antioxidant System, Protoplasma, Issue. DOI. 10.1007/s00709-017-1162-4. (Impact Factor: 2.457) (UGC Indexed) (Scopus Indexed).
349. Bali. S., Kaur, P., Ohri, P., Bhardwaj. R. (2017), Jasmonic Acid Ameliorates Nematode Infection by Modulating Photosynthetic Efficiency, Antioxidants and Osmolytes in Tomato, Protoplasma, Issue. DOI.10.1007/s00709-017-1160-6. (Impact Factor: 2.457) (UGC Indexed) (Scopus Indexed).

350. Sirhind G., Kaur H., Bhardwaj R., Sharma, P. and Mushtaq, R. (2017), 28-Homobrassinolide Potential for Oxidative Interface in Brassica Juncea under Temperature Stress, *Acta Physiologia Plantarum*, Issue. 10, Vol.39, pp 228-235. (Impact Factor: 1.438) (UGC Indexed) (Scopus Indexed).
351. Kanwar, M., Bhardwaj, R., Bajguz, A., Yu, J.Q. (2017), Analysis of Brassinosteroids in Plants, *Journal of Plant Growth Regulation*, Issue. 4, Vol.36, pp 1002-1030. (Impact Factor: 2.047) (UGC Indexed) (Scopus Indexed).
352. Kaur, R., Yadav, P., Sharma, A., Thukral, A.K., Bhardwaj, R., Kumar, V., Kohli, S.K. (2017), Castasterone and Citric Acid Treatment Restores Photosynthetic Attributes in Brassica Juncea L. under Cd (II) Toxicity, *Ecotoxicology and Environmental Safety*, Vol.145, pp 466-475. (Impact Factor: 3.974) (UGC Indexed) (Scopus Indexed).
353. Kaur, R., Yadav, P., Thukral, A.K., Sharma, A., Bhardwaj, R., Alyemeni, M.N., Wijaya, L., Ahmad, P., (2017), Castasterone and Citric Acid Supplementation Alleviates Cadmium Toxicity by Modifying Antioxidants and Organic Acids in Brassica Juncea, *Journal of Plant Growth Regulation* , Issue. 10.1007/s00344-017-9727-1. (Impact Factor: 2.047) (UGC Indexed) (Scopus Indexed).
354. Kohli, S., Handa, N., Sharma, A., Gautam V., Arora, S., Bhradwaj, R., Alyemeni, M.N., Wijaya, L., Ahmad, P. (2017), Combined Effect of 24-Epibrassinolide and Salicylic Acid Mitigates Lead (Pb) Toxicity by Modulating Various Metabolites in Brassica Juncea L. Seedlings, *Protoplasma* , Issue. 10.1007/s00709-017-1124-x. (Impact Factor: 2.457) (UGC Indexed) (Scopus Indexed).
355. Sharma, R., Bhardwaj, R., Bali, S., Kaur, S., Kaur, R., Kaur, P., Sharma, M., Thukral, A.K., Vig, A.P., Ohri, P. (2017), Role of phytochelators in Land Reclamation, *Current Environmental Engineering.* , Issue. DOI. 10.2174/2212717804666161220160825. (UGC Indexed) (Scopus Indexed).
356. Kumar, V., Sharma, A., Thukral. A. K., Bhardwaj, R. (2017), Analysis of Organic Acids of Tricarboxylic Acid Cycle in Plants using GC-MS and System Modeling, *Journal of Analytical Science and Technology*, Issue. 10.1186/s40543-017-0129-6. (UGC Indexed) (Scopus Indexed).
357. Sukhmeen Kaur Kohli, Neha Handa, Anket Sharma, Vinod Kumar, Parminder Kaur, Renu Bhardwaj A (2017), Synergistic Effect of 24-Epibrassinolide and Salicylic Acid on Photosynthetic Efficiency and Gene Expression in Brassica Juncea L. under Pb Stress, *Turkish Journal of Biology*, Issue. DOI10.3906/biy-1707-15. (Impact Factor: 0.651) (UGC Indexed) (Scopus Indexed).
358. Kaur, T., Bhardwaj, R., Arora,R. (2017), Evaluating Groundwater for its Probable Mutagenicity and Genotoxicity using in Vitro Bioanalytical Tools, *Exposure and Health* , Issue. DOI/10.1007/s12403-017-0263-9. (Impact Factor: 4.850) (UGC Indexed) (Scopus Indexed).
359. Kaur, P., Bali, S., Sharma, A., Vig,A.P. Bhardwaj, R. (2017), Role of Earthworms in Phytoremediation of Cadmium (Cd) by Modulating the Antioxidative Potential of Brassica Juncea L., *Applied Soil Ecology*, Issue. DOI10.1016/j.apsoil.2017.11.017. (Impact Factor: 2.916) (UGC Indexed) (Scopus Indexed).
360. Gagan Preet Singh Sidhu, G.P.S. Shreey, A.Bhardwaj, R., Singh, H.P. Batish, D.R., Kohli, R.K. (2017), Bioaccumulation and Physiological Responses to lead (Pb) in Chenopodium murale L, *Ecotoxicology and Environmental Safety*, Vol.151, pp 83-90. (Impact Factor: 3.974) (UGC Indexed) (Scopus Indexed).
361. Sharma, A., Kumar, V., Thukral, A.K., Bhardwaj, R. (2017), 24-Epibrassinolide Restores the Synthesis of Proteins and Amino Acids in Brassica Juncea leaves under Imidacloprid Stress, *Journal of Horticultural Research*, Issue. 2, Vol.25, pp 85-90. (UGC Indexed) (Scopus Indexed).
362. Ahmad, P., Ahanger, M.A., Alyemeni, M.N., Wijaya, L., Egamberdieva, D., Bhardwaj, R., Ashraf, M. (2017), Zinc Application Mitigates the Adverse Effects of NaCl Stress on Mustard [Brassica juncea (L.) Czern & Coss] through Modulating Compatible Organic Solutes, Antioxidative Enzymes, and Flavonoid Content, *Journal of Plant Interactions*, Issue. 1, Vol.12, pp 429-437. (Impact Factor: 1.655) (UGC Indexed) (Scopus Indexed).

363. Kaur, J., Kaur, R. and Nagpal A.K. (2017), Documentation of Traditional Knowledge on Medicinal Plants used by Local Population of Kapurthala, Punjab (India), Journal of Chemical and Pharmaceutical Research, Issue. 3, Vol.9, pp 351-355. (UGC Indexed) (Scopus Indexed).
364. Kaur, R., Kumari, A., Kaur, K., Kaur, H. (2017), Comparative Assessment of Phytotoxic Responses Induced by the Exposure of Benzyl Butyl Phthalate and Di-n-butyl Phthalate to Giant Duckweed (*Spirodela polyrhiza* L. Schleiden), Journal of Pharmaceutical Science and Research , Issue. 11, Vol.9, pp 2079-2085. (UGC Indexed) (Scopus Indexed).
365. Sharma, R. and Kaur, R. (2017), Fluoride Mediated Biochemical Responses and Removal Potential in Hydroponically Grown Duckweed (*Spirodela polyrhiza* L. Schleiden), Journal of Pharmaceutical Science and Research, Issue. 11, Vol.9, pp 2072-2078. (UGC Indexed) (Scopus Indexed).
366. Kaur, R., Singh S.K., Kaur, R., Kumari, A., Kaur, R. (2017), Myxobacterium: Gliding, Hunting and Feeding Together, The Pharma Innovation Journal, Issue. 11-I, Vol.6, pp 614-617. (UGC Indexed) (Scopus Indexed).
367. Kaur, R., Singh S.K., Kumari, A., Kaur, R., Kaur, R. (2017), Myxococcus Xanthus and its Potential for Biosorption of Heavy Metals, The Pharma Innovation Journal, Issue. 11-K, Vol.6, pp 765-767. (UGC Indexed) (Scopus Indexed).
368. Kaur, R., Singh S.K., Kaur, R., Kumari, A., Kaur, R. (2017), Myxococcus Xanthus: A Source of Antimicrobials and Natural Bio-Control Agent, The Pharma Innovation Journal, Issue. 11-D, Vol.6, pp 260-262. (UGC Indexed) (Scopus Indexed).
369. Singh, S., Bhat, S.A., Singh, J., Kaur, R., Vig, A.P. (2017), Earthworms Converting Milk Processing Industry Sludge into Biomanure, The Open Waste Management Journal, Vol.10, pp 30-40. (UGC Indexed) (Scopus Indexed).
370. Rajput, S., Sharma, R., Kaur, R. and Arora, S. (2017), Analysis of Seasonal and Temporal Variation in Physicochemical and Microbial Characteristics of Surface Water in Amritsar (Punjab), Journal of Chemical and Pharmaceutical Research , Issue. 10, Vol.9, pp 242-248. (UGC Indexed) (Scopus Indexed).
371. Kumari, A. and Kaur, R. (2017), Germination and Early Growth Toxicity to Barley Seedlings (*Hordeum vulgare* L.) under Di-n-butyl Phthalate (DBP) Stress, Journal of Pharmaceutical Science and Research, Issue. 12, Vol.9, pp 2361-2366. (UGC Indexed) (Scopus Indexed).
372. Gautam, V., Rajput, S. and Kaur, R. (2017), An Assessment of the Physico-Chemical Characteristics of Groundwater of Mahal Village of Amritsar, India, Journal of Global Biosciences, Issue. 10, Vol.6, pp 5238-5247. (UGC Indexed) (Scopus Indexed).
373. Kaur, A., Pati, P.K., Pati, A.M. and Nagpal, A.K. (2017), In-Silico Analysis of Cis-Acting Regulatory Elements of Pathogenic-Related Proteins of *Arabidopsis Thaliana* and *Oryza Sativa*, PLoS ONE, Issue. 9, Vol.12. (Impact Factor: 2.766) (UGC Indexed) (Scopus Indexed).
374. Kaur, M. and Nagpal, A.K. (2017), Effect of Vehicular Traffic on Pollen Size and Viability of Apocynaceous Plant Species, Tropical Plant Research, Issue. 2, Vol.4, pp 235-241. (UGC Indexed) (Scopus Indexed).
375. Bhatti, S.S., Sambyal, V., Singh, J. and Nagpal, A. K (2017), Analysis of Soil Characteristics of Different Land Uses and Metal Bioaccumulation in Wheat Grown around Rivers: Possible Human Health Risk Assessment, Environment, Development and Sustainability, Issue. 2, Vol.19, pp 571-588. (UGC Indexed) (Scopus Indexed).
376. Sharma, S., Kaur, I. and Nagpal, A.K. (2017), Assessment of Arsenic Content in Soil, Rice Grains and Groundwater and Associated Health Risks in Human Population from Ropar Wetland, India, and its Vicinity, Environmental Science and Pollution Research, Issue. 23, Vol.24, pp 18836-18848. (Impact Factor: 2.80) (UGC Indexed) (Scopus Indexed).

377. Bhatti, S.S., Bhat, S.A., Kumar, V., Kaur M., Minakshi., Sambyal, V., Singh, J., Vig, A.P. and Nagpal, A.K. (2017), Ecological Risk Assessment of Metals in Roadside Agricultural Soils: A Modified Approach, *Human and Ecological Risk Assessment*, Issue. 1, Vol.24, pp 186-201. (Impact Factor: 1.508) (UGC Indexed) (Scopus Indexed).
378. Kaur, M. and Nagpal, A.K. (2017), Evaluation of Air Pollution Tolerance Index and Anticipated Performance Index of Plants and their Application in Development of Green Space Along the Urban Areas, *Environmental Science and Pollution Research*, Issue. 23, Vol.24, pp 18881-18895. (Impact Factor: 2.80) (UGC Indexed) (Scopus Indexed).
379. Savita, Pati, P.K., Virk, G.S. and Nagpal, A. (2017), In Vitro Selection of Resistant/Tolerant Mutants Lines of Citrus Jambhiri Lush using Crude Culture Filtrate of Phytophthora Parasitica and their Randomly Amplified Polymorphic DNA Analysis, *Journal of Phytopathology*, Vol.DOI: 10.1111/jph.12617, (Impact Factor: 0.823) (UGC Indexed) (Scopus Indexed).
380. Sharma, A. and Nagpal, A. (2017), Soil amendments: A Tool to Reduce Heavy Metal uptake in Crops for Production of Safe Food, *Reviews in Environmental Science and Biotechnology*, Issue. 1, Vol.17, pp 187-203. (Impact Factor: 5.716) (UGC Indexed) (Scopus Indexed).
381. Sharma, A., Kaur, M., Katnoria, J. K. and Nagpal, A.K. (2017), Polyphenols in Food: Cancer Prevention and Apoptosis Induction, *Current Medicinal Chemistry*, Vol.25, pp 1-18. (Impact Factor: 3.469) (UGC Indexed) (Scopus Indexed).
382. Kaur P, Kumar M, Singh AP, Kaur SJ. (2017), Ethyl Acetate Fraction of Pteris Vittata L. alleviates 2-Acetylaminofluorene Induced Hepatic Alterations in Male Wistar rats, *Biomedicine & Pharmacotherapy*, Issue. February, Vol.88, pp 1080-1089. (Impact Factor: 3.457) (UGC Indexed) (Scopus Indexed).
383. Kaur V, Kumar M, Kaur P, Kaur S, Singh AP, Kaur SJ. (2017), Hepatoprotective Activity of Butea Monosperma Bark against Thioacetamide-Induced Liver Injury in Rats, *Biomedicine & Pharmacotherapy*, Issue. February, Vol.89, pp 332-341. (Impact Factor: 3.457) (UGC Indexed) (Scopus Indexed).
384. Kumar, M, Kaur, P, Chandel, M, Singh, A.P, Jain, A, Kaur, S (2017), Antioxidant and Hepatoprotective Potential Of Lawsonia Inermis L. Leaves Against 2-Acetylaminofluorene Induced Hepatic Damage in Male Wistar Rats, *BMC Complementary and Alternative Medicine* , Issue. January, Vol.17, pp 2-11. (Impact Factor: 2.644) (UGC Indexed) (Scopus Indexed).
385. Chandel M, Kumar M, Sharma U, Singh B, Kaur S. (2017), Antioxidant, Antigenotoxic and Cytotoxic Activity of Anthocephalus Cadamba (Roxb.) Miq. Bark Fractions and their Phytochemical Analysis Using UPLC-ESI-QTOF-MS, Comb Chem High Throughput Screen, Issue. June, Vol.20. (Impact Factor: 1.024) (UGC Indexed) (Scopus Indexed).
386. Bala M, Kumar M, Chandel M, Sharma N Kaur S Kaur S.J (2017), Antioxidant, Antimutagenic and Cytotoxic Effects of Unripe Fruits of Anthocephalus CaDamba (ROXB.) miq., *Indian Drugs*, Issue. September, Vol.54, pp 7-15. (Impact Factor: 0.14) (UGC Indexed) (Scopus Indexed).
387. Singh P., Mittal L.S., Kaur S., Kaur S.J., Bhargava G., Kumar S. (2017), Self-assembled Small Molecule based Fluorescent Detection of Serum Albumin Proteins: Clinical Detection and Cell Imaging, *Sensors & Actuators: B. Chemical*, Issue. June, Vol.255, pp 478-489. (Impact Factor: 5.667) (UGC Indexed) (Scopus Indexed).
388. Variender Kaur, Manish Kumar, Ajay Kumar, Kamaldeepkaur, Varinderpal Singh Dhillon and Satwinderjeet Kaur (2017), Pharmacotherapeutic Potential of Phytochemical: Implication in Cancer Chemoprevention and Future Prespectives, *Biomedice & Pharmacotherapy*, Issue. October, Vol.97, pp 564-586. (Impact Factor: 3.457) (UGC Indexed) (Scopus Indexed).

389. S Anket, K Vinod, B Shagun, AK Thukral, B Renu (2017), Brassinolide Seed Treatment Modulates the Enzymatic Antioxidative Defense System in Indian Mustard under Imidacloprid Toxicity, International Journal of Tropical Agriculture, Issue. 2, Vol.35, pp 383-388. (UGC Indexed) (Scopus Indexed).
390. K Vinod, S Anket, K Sukhmeen, B Renu, AK Thukral (2017), Multivariate Statistical Analysis of Secondary Metabolites and Total Lipid Antioxidants, International Journal of Tropical Agriculture, Issue. 2, Vol.35, pp 377-381. (UGC Indexed) (Scopus Indexed).
391. Heena Sareen, Pawan Prasher, Sujan Singh, Ashwani Kumar Thukral, Anup Kumar Kesavan (2017), Role of MDM2 SNP309 Gene Mutation in Pterygium: A Pilot Study, International Journal of Ocular Oncology and Oculoplasty, Issue. 2, Vol.3, pp 108-111. (UGC Indexed) (Scopus Indexed).
392. Sharma,V. Kumar, M. K. Kanwar, A. K. Thukral, R. Bhardwaj (2017), Ameliorating Imidacloprid Induced Oxidative Stress by 24-epibrassinolide in Brassica Juncea L, Russian Journal of Plant Physiology, Issue. 4, Vol.64, pp 509-517. (UGC Indexed) (Scopus Indexed).
393. Sharma, A., Kumar, V., Kanwar, M. K., Thukral, A. K., Bhardwaj, R (2017), Phytochemical Profiling of the leaves of Brassica juncea L. using GC-MS, International Food Research Journal, Issue. 2, Vol.24, pp 547-55. (UGC Indexed) (Scopus Indexed).
394. Kaur R, Yadav P, Sharma A, Kumar Thukral A, Kumar V, Kaur Kohli S, Bhardwaj R (2017), Castasterone and Citric Acid Treatment Restores Photosynthetic Attributes in Brassica juncea L. under Cd(II) Toxicity, Ecotoxicol Environ Saf, Issue. 1, Vol.145, pp 466-475. (UGC Indexed) (Scopus Indexed).
395. Anket Sharma, Vinod Kumar, Ashwani Kumar Thukral , Renu Bhardwaj (2017), 24-Epibrassinolide Restores the Synthesis of Proteins and Amino Acids in Brassica juncea L. Leaves under Imidacloprid Stress, Journal of Horticultural Research , Issue. 2, Vol.25, pp 85-90. (UGC Indexed) (Scopus Indexed).
396. V Kumar, A Sharma, R Bhardwaj, AK Thukral (2017), Analysis of Organic Acids of Tricarboxylic Acid Cycle in Plants using GC-MS, and System Modeling, Journal of Analytical Science and Technology, Issue. 20, Vol.8, pp 1-9. (UGC Indexed) (Scopus Indexed).
397. V Kumar, A Sharma, R Bhardwaj, AK Thukral (2017), Analysis of Organic Acids of Tricarboxylic Acid Cycle in Plants using GC MS and System Modeling, Journal of Analytical Science and Technology, Issue. 20, Vol.8, pp 1-9. (UGC Indexed) (Scopus Indexed).
398. Singh H, Bhatti M.S, Reddy A.S (2017), Decolourization of Textile Dyebath Chloride Rich Waste Water by Electrolytic Processes, International Journal of Electrochemical Science, Issue. 5, Vol.12, pp 3662-3674. (Impact Factor: 1.36) (UGC Indexed) (Scopus Indexed).
399. Aggarwal L, Sinha S, Bhatti MS, Gupta VK (2017), Mixer Design Optimization with Fractured Surface Topography of Mechanical Properties of Polymer Biocomposites, Journal of Taiwan institute of Chemical Engineers, Vol.74, pp 272-280. (Impact Factor: 3.84) (UGC Indexed) (Scopus Indexed).
400. Singh J., Singh S.,Vig A.P., Bhat S.A., Hundal S.S., Yin R., Schadler M., (2017), Conventional Farming Reduces the Activity of Earthworms: Assessment of Genotoxicity Test of Soil and Vermicast, Agriculture & Natural Resources. (Scopus Indexed).
401. Bhat S.A., Singh J., Singh K., Vig A.P. (2017), Genotoxicity Monitoring of Industrial Wastes using plant Bioassays and Management through Vermitechnology: A review, Agriculture and Natural Resources. (Scopus Indexed).
402. Kaur R., Soodan A.S., (2017), Reproductive Biology of Sorghum Halepense (L.) Pers. (Poaceae; Panicoideae; Andropogoneae) in Relation to Invasibility, Flora, Vol.229, pp 32-49. (Scopus Indexed).
403. Kaur, J., Kaur, R. and Nagpal, A. (2017), Documentation of Traditional Knowledge on Medicinal Plants used by Local Population of Kapurthala, Punjab (India), Journal of Chemical and Pharmaceutical Research, Issue. 3, Vol.9, pp 351-355. (UGC Indexed) (Scopus Indexed).

404. Kaur V, Kumar M, Kaur P, Kaur S, Kaur SJ. (2017), Inhibitory activities of N-butanol fraction from *Butea Monosperma* (Lam.) Taub. Bark against Free Radicals, Genotoxins and Cancer Cells, *Chemistry & Biodiversity*, Issue. May, Vol.14, pp 1-15. (Impact Factor: 1.617) (UGC Indexed) (Scopus Indexed).
405. Sharma, R., Bhardwaj, R., Bali, S., Kohli, S.K., Kaur, R., Kaur, P., Sharma, M., Thukral, A.K., Vig, A.P., Ohri, P. (2017), Role of Phytochelators in Land Reclamation: Recent Progress and Perspectives, *Current Environmental Engineering*, Issue. 1, Vol.4, pp 42-52. (Scopus Indexed).

HUMAN GENETICS

406. Kaur N, Vanita V (2017), Association Analysis of PPAR gamma (p. Pro12Ala) polymorphism with type 2 Diabetic Retinopathy in Patients from North India, *Ophthalmic Genetics*, Issue. 3, Vol.38, pp 217-221.
407. Kalia, N., Singh, J., Sharma, S., Arora, H. and Kaur, M. (2017), Genetic and Phenotypic Screening of Mannose-binding lectin in Relation to Risk of Recurrent Vulvovaginal Infections in Women of North India: A Prospective Cohort Study, *Frontiers in Microbiology*, Issue. 75, Vol.8, pp 1-14.
408. Kaur, K., Singh, K.J., Anand, V., Bhatia, G., Kaur, R., Kaur, M., Nim, L. and Arora, D.S., (2017), Scaffolds of Hydroxyl Apatite Nanoparticles Disseminated in 1, 6-diisocyanatohexane-extended poly (1, 4-butylene succinate)/poly (methyl methacrylate) for Bone Tissue Engineering, *Materials Science and Engineering: C*, Vol.71, pp 780-790.
409. Kaur, T., Thakur, K., Singh, J., Kamboj, S.S. and Kaur, M. (2017), Identification of functional SNPs in Human LGALSS gene by in Silico Analyses, *Egyptian Journal of Medical Human Genetics*, Issue. 4, Vol.18, pp 321-328.
410. Thakur, K., Kaur, T., Singh, J., Rabbani, G., Khan, R.H., Hora, R. and Kaur, M. (2017), Sauromatum Guttatum Lectin: Spectral Studies, Lectin-Carbohydrate Interaction, Molecular Cloning and in Silico Analysis, *International Journal of Biological Macromolecules*, Vol.104, pp 1267-1279.
411. Kaur, R., Singh, J. and Kaur, M. (2017), Structural and Functional Impact of SNPs in P-selectin Gene: A Comprehensive in Silico Analysis., *Open Life Sciences*, Vol.12, pp 19-33.
412. Kaur, R., Kaur, M., Kapoor, R., Singh, J (2017), Assessment of Metabolic Syndrome and Clinical Significance of Brachial-Ankle Pulse Wave Velocity in type 2 Diabetes Mellitus Patients, *Romanian Journal of Diabetes Nutrition and Metabolic Diseases*, Issue. 3, Vol.24, pp 213-226.
413. Singh, N., Kaur M., and Katnoria, J.K. (2017), Analysis on Bioaccumulation of Metals in Aquatic Environment of Beas River Basin: A Case Study from Kanjli Wetland, *GeoHealth*, Issue. 3, Vol.1, pp 93-105.
414. Singh, N., Kaur, M. and Kaur, J. (2017), Spatial and Temporal Heavy Metal Distribution and Surface Water Characterization of Kanjli Wetland (a Ramsar site), India using different Indices, *Bulletin of Environmental Contamination and Toxicology*.
415. Sambyal V, Guleria K, Manjari M, Sudan M, Uppal M.S, Singh N.R (2017), No Evidence for Association of -2518 A/G Promoter Polymorphism of MCP-1 with Risk of Esophageal Cancer in Punjab, North-West India, *Journal of Cancer and Tumor International*, Issue. 2, Vol.6, pp 1-10.
416. Guleria K, Sambyal V, Kapahi R, Manjari M, Sudan M, Uppal MS, Singh NR (2017), Role of Functional Polymorphisms of VEGF and Risk of Breast Cancer in North-Western Indians: A Case-Control Study, *Annals of Oncology*, Issue. 7, Vol. 28.
417. Bhat, M.A., Gandhi, G. (2017), Glutathione S-Transferase P1 Gene Polymorphisms and Susceptibility to Coronary Artery Disease in a North Indian Population sub-group, *Journal of Genetics*, Issue. 6, Vol.96, pp 927-932.
418. Bhat, M.A., Gandhi, G. (2017), Assessment of DNA Damage in Leukocytes of Patients with Coronary Artery Disease by Comet Assay, *International Heart Journal*, Vol.58, pp 271-274.

419. Tung, G.K., Gandhi, G. (2017), Genomic Instability in a Case With Chronic Obstructive Uropathy and End-Stage Renal Failure, *Journal of Case Reports in Medical Science*, Issue. 1, Vol.2, pp 15-20.
420. Gandhi, G., Tung, G. (2017), Sensitivity and Specificity Prediction of the Buccal Micronucleus Cytome Assay in End-Stage Renal Disease Patients on Dialysis: A Case-Control Study, *Mutation Research-Genetic Toxicology and Environmental Mutagenesis*, Vol.822, pp 1-9.
421. Neha Sudhir, Badaruddoza, Archana Beri and Anupam Kaur (2017), Association Tumour Necrosis Factor-alpha 308G/A Polymorphism with Recurrent Miscarriages in Women, *Journal of Human Reproductive Sciences*, Vol.9, pp 86-89.
422. Shikha Chandel, Badaruddoza, Kuman Digvijay (2017), Association of High Altitude Hypertension with Angiotensin Converting Enzyme (ACE) Gene Insertion/Deletion Polymorphism, *Urology & Nephrology Open Access Journal*, Issue. 1, Vol. 5, pp 1-7.
423. Bhatia, G., Dhuna, V., Dhuna, K., Kaur, M. and Singh, J. (2017), Bacopa Monnier Extracts Prevent Hydrogen Peroxide Induced Oxidative Damage in a Cellular Model of Neuroblastoma IMR32 Cells, *Chinese Journal of Natural Medicine*, Issue. 11, Vol.15, pp 834-846. (Scopus Indexed).
424. H.S Sandhu, S Puri, R Sharma, J Sokhi, G Singh, K Matharoo, A.J.S Bhanwer (2017), Associating Genetic Variation at Perilipin 1, Complement Factor D and Adiponectin loci to the Bone Health Status in North Indian Population, *Gene*, Vol.doi: 10.1016/j.gene.2017.02.009. (Scopus Indexed).
425. Varun Sharma, Indu Sharma, Itty Sethi, Ankit Mahajan, Gurvinder Singh, Arshia Angural, A.J.S. Bhanwer, Manoj K. Dhar, Vinod Singh, Ekta Rai, Swarkar Sharma (2017), Replication of Newly Identified Type 2 Diabetes Mellitus Susceptible Loci in Northwest Indian Population, *Diabetes Research and Clinical Practice*, Vol.doi.org/10.1016/j.diabres.2017.02.013, (Scopus Indexed).
426. Sandhu H.S, Bhanwer A.J.S, Puri S (2017), Retinoic Acid Exacerbates Chlorpyrifos Action in Ensuing Adipogenic Differentiation of C3H10T½ Cells in a GSK3β Dependent Pathway, *PLoS ONE*, Issue. 3, Vol.12, e0173031. (Scopus Indexed).
427. Jyot Amrita, Mridula Mahajan, A.J.S. Bhanwer, Gurinder Mohan & Kawaljit Matharoo (2017), Peroxisome Proliferator Activated Receptor Gamma (PPAR?) Pro12Ala Gene Polymorphism and Oxidative Stress in Menopausal Women with Cardiovascular Disease from North Indian Population of Punjab, *International Journal of Human Genetics*, Issue. 1, Vol.17, pp 15-25. (Scopus Indexed).
428. Rubina Sharma, Kawaljit Matharoo, Rohit Kapoor, A.J.S Bhanwer (2017), Association of PGC-1a gene with type 2 diabetes in three Unrelated Endogamous Groups of North-West India (Punjab): A Case-Control and Meta-Analysis Study, *Molecular Genetics and Genomics*, Vol.doi.org/10.1007/s00438-017-1385-2. (Scopus Indexed).
429. Vishali Kalotra, Meena Lall, Pushpa Saviour, I.C Verma, Anupam Kaur (2017), The HLA-G 14bp Insertion/Deletion Polymorphism and its Association with soluble HLA-G levels in women with Recurrent Miscarriages., *HLA*, doi: 10.1111/tan.13198, Vol.doi: 10.1111/tan.13198, pp 1-10. (Scopus Indexed).
430. Vishali Kalotra, Meena Lall, Pushpa Saviour, I.C Verma, Anupam Kaur (2017), Prevalence of Cytogenetic Anomalies in Couples with Recurrent Miscarriages: A Case-Control Study, *J. Hum. Reprod. Sci*, Issue. 4, Vol.10, pp 1-7. (Scopus Indexed).
431. Kaur R, Matharoo K, Raina P, Sikka R and Bhanwer A.J.S (2017), Interactive Role of Endothelial Nitric Oxide Synthase Gene Polymorphisms in T2D and CAD Patients of Punjab (North-West India), *International Journal of Diabetes in Developing Countries*, Issue. 3, Vol.37, pp 286-297. (Scopus Indexed).
432. Singh G, Talwar I, Sandhu H.S, Matharoo K and Bhanwer A.J.S (2017), Genetic Dissection of Five Ethnic groups from Punjab, North-West India—A Study based on Autosomal Markers, *Legal Medicine*, Vol.26, pp 25-32. (Scopus Indexed).

433. Amrita J, Mahajan M, Bhanwer AJS, Mohan G and Matharoo K. (2017), Peroxisome Proliferator Activated Receptor Gamma (PPAR?) Pro12Ala Gene Polymorphism and Oxidative Stress in Menopausal Women with Cardiovascular Disease from North Indian Population of Punjab, International Journal of Human Genetics, Issue. 1, Vol.17, pp 15-25. (Scopus Indexed).
434. Sandhu H.S, Puri S, Sharma R, Sokhi J, Singh G, Matharoo K, Bhanwer AJS (2017), Associating Genetic Variation at Perilipin 1, Complement Factor D and Adiponectin loci to the Bone Health Status in North Indian Population, Gene, Vol.610, pp 80-89. (Scopus Indexed).
435. Sharma R, Matharoo K, Kapoor R, Bhanwer A.J.S (2017), Association of PGC-1a gene with type 2 diabetes in three Unrelated Endogamous Groups of North-West India (Punjab): A Case-Control and Meta-Analysis Study, Molecular Genetics and Genomics, Vol.DOI 10.1007/s00438-017-1385-2. (Scopus Indexed).

MICROBIOLOGY

436. Daljit Arora, Henna Sood, (2017), In Vitro Antimicrobial Potential of Extracts and Phytoconstituents from *Gymnema Sylvestre* R. Br. Leaves and their Biosafety Evaluation, AMB Express (Springer), Issue. 115, Vol.7, pp 1-13.
437. Isha Lumb, Balkaran Sran, Henna Sood, Daljit Arora, Geeta Hundal, (2017), Coordination Chemistry of Cu (II), Co (II), Zn (II) and Ag (I) Complexes of Isomeric Pyridine 2-and 4-carboxamides and their Biological Activity Evaluation, Polyhedron (Elsevier), Vol.127, pp153-166.
438. Kumar, A, Saini, H. S. and Kumar, S (2017), Bioleaching of Gold and Silver from Waste Printed Circuit Boards by *Pseudomonas balearica* SAE1 Isolated from an e-Waste Recycling Facility, Current Microbiology, Issue. 13-10-2017, Vol.10, pp 1-8. (Impact Factor: 1.373) (UGC Indexed) (Scopus Indexed).
439. Kaur P .K., Joshi N, Singh I.P, Saini H.S (2017), Identification of Cyclic Lipopeptides Produced by *Bacillus Vallismortis* R2 and their Antifungal Activity against *Alternaria Alternate*, Journal of Applied Microbiology, Issue. 1, Vol.122, pp 139-152. (Impact Factor: 2.16) (UGC Indexed) (Scopus Indexed).
440. Sharma S, Singh PB, Chadha P, Saini H.S (2017), Chlorpyrifos Pollution: Its Effect on Brain Acetylcholinesterase Activity in Rat and treatment of Polluted Soil by Indigenous *Pseudomonas* sp., Environmental Science and Pollution Research, Issue. 1, Vol.24, pp 381-387. (Impact Factor: 2.741) (UGC Indexed) (Scopus Indexed).
441. Kaur, Preet, K., Thakur, A., Saini, H.S. and Kaur, S. (2017), Evaluation of *Bacillus Vallismortis* (Bacillales: Bacillaceae) R2 as Insecticidal Agent against Polyphagous Pest *Spodoptera litura* (Lepidoptera: Noctuidae), 3Biotech, Vol.7, 346-355 (Impact Factor: 1.497) (UGC Indexed) (Scopus Indexed).
442. Daljit Singh, , Henna, (2017), In Vitro Antimicrobial Potential of Extracts and Phytoconstituents from *Gymnema Sylvestre* R. Br. Leaves and their Biosafety Evaluation, AMB Express (Springer), Issue. 115, Vol.7, pp 1-13. (Impact Factor: 1.825) (UGC Indexed) (Scopus Indexed).
443. Isha, Balkaran Singh, Henna , Daljit Singh, Geeta , (2017), Coordination Chemistry of Cu (II), Co (II), Zn (II) and Ag (I) complexes of Isomeric Pyridine 2-and 4-carboxamides and their Biological Activity Evaluation, Polyhedron (Elsevier), Vol.127, pp 153-166. (Impact Factor: 1.926) (UGC Indexed) (Scopus Indexed).
444. Kaur, Jeevanjot; Rajesh Kumari Manhas; Riveka Rani and Saroj Arora (2017), Actinobacteria from Soil as Potential Free Radical Scavengers, Malaysian Journal of Microbiology, Issue. 1, Vol.13, pp 1-5 (Scopus Indexed).
445. Tarlok Singh Lobana, Shikha Indoria, Henna Sood, Daljit Singh Arora, Balwinder Singh Randhawa, Isabel Garcia-Santos, Victoria A Smolinski, Jerry P Jasinski (2017), Synthesis of 5-nitro-salicylaldehyde-N-substituted Thiosemicarbazones of Copper (II): Molecular Structures, Spectroscopy, ESI-Mass

- Studies and Antimicrobial Activity, *Inorganica Chimica Acta*, Vol.461, pp 248-260 (Impact Factor: 2.264) (UGC Indexed) (Scopus Indexed).
446. Kulwinder Kaur, Kanwarjeet Singh, Vikas Anand, Gaurav Bhatia, Raminderjit Kaur, Manpreet Kaur, Lovedeep Nim, Daljit Singh Arora (2017), Scaffolds of Hydroxyl Apatite Nanoparticles Disseminated in 1, 6-diisocyanatohexane-extended poly (1, 4-butylene succinate)/poly (methyl methacrylate) for Bone Tissue Engineering, *Materials Science and Engineering: C*, Vol.71, pp 780-790. (Impact Factor: 5.080) (UGC Indexed) (Scopus Indexed).
447. Pardeep Kaur, K. J. Singh, Arun Kumar Yadav, Henna Sood, Sumanpreet Kaur, Ramandeep Kaur, Daljit Singh Arora, and Sukhraj Kaur (2017), Preliminary Investigation of the effect of Doping of Copper Oxide in CaO-SiO₂-P₂O₅-MgO Bioactive Composition for Bone Repair Applications, *Materials Science and Engineering: C*, pp 1-18 (Impact Factor: 5.080) (UGC Indexed) (Scopus Indexed).
448. Priyanka Chandra, Daljit Singh Arora (2017), Antioxidant Potential of *Penicillium expansum* and Purification of its Functional Compound, *Asian Journal of Biotechnology*, Issue. 1, Vol.9, pp 24-34. (Scopus Indexed).
449. Jaspreet Kaur Aulakh, Tarlok Singh Lobana, Henna Sood, Daljit Singh Arora, Isabel Garcia-Santos, Geeta Hundal, Manpreet Kaur, Victoria A. Smolenski, Jerry P. Jasinski (2017), Variable coordination and C–S Bond Cleavage Activity of N-substituted imidazolidine-2-thiones towards Copper: Synthesis, Spectroscopy, Structures, ESI-mass and Antimicrobial Studies, *Dalton Transactions*, Issue. 4, Vol.46, pp 1324-1339. (Impact Factor: 1.926) (UGC Indexed) (Scopus Indexed).
450. Brar, K.K., Sarma, A.K., Aslam, M., Polikarpov, I. and Chadha, B.S. (2017), Potential of Oleaginous Yeast *Trichosporon* sp., for Conversion of Sugarcane Bagasse Hydrolysate into biodiesel, *Bioresource Technology*, Issue. Oct, Vol. 242, pp 161-168. (Scopus Indexed).
- MOLECULAR BIOLOGY & BIOCHEMISTRY**
451. Rakhra, G., Kaur, T., Vyas, D., Sharma, A.D., Singh, J. and Ram, J. (2017), Molecular Cloning, Characterization, Heterologous Expression and In-Silico Analysis of Disordered Boiling Soluble Stress-Responsive wBsSRP Protein from Drought Tolerant Wheat cv.PBE 175, *Plant Physiology and Biochemistry*, Vol.112, pp 29-44. (Impact Factor: 2.718) (UGC Indexed) (Scopus Indexed)
452. Muhammed, A., Ahmad, S., Bhatia, G., Singh, J., Altuwaijri, S and Isab, A. A. (2017), Synthesis, Spectroscopic Characterization and In Vitro Anticancer Activity of new Platinum(II) complexes with some Thione Ligands in the Presence of Triethylphosphine Mohammed Yagoub Jomaa, *Biometals*, Vol.30, pp 787-795. (Impact Factor: 2.478) (UGC Indexed) (Scopus Indexed)
453. Kumar V, Kaur J, Singh AP, Singh V, Bisht A, Panda JJ, Mishra P.C, Hora R (2017), PHISTc Protein Family Members localize to different Subcellular Organelles and Bind Plasmodium Falciparum Major Virulence Factor PfEMP-1, *FEBS Journal*, Issue. 2, Vol.285, pp 294-312. (Impact Factor: 4.530) (UGC Indexed) (Scopus Indexed)
454. Thakur K, Kaur T, Singh J, Rabbani G, Khan RH, Hora R, Kaur M (2017), Sauromatum Guttatum Lectin: Spectral Studies, Lectin-Carbohydrate Interaction, Molecular Cloning and in Silico Analysis, *Int J Biol Macromol*, Vol.104, pp 1267-1279. (Impact Factor: 3.909) (UGC Indexed) (Scopus Indexed)
455. Sharma A, Thakur S, Kumar V, Kesavan AK, Thukral AK, Bhardwaj R. (2017), 24-epibrassinolide Stimulates Imidacloprid Detoxification by Modulating the Gene Expression of *Brassica Juncea* L., *BMC Plant Biology*, Issue. 1, Vol.17, pp 1003-1009. (UGC Indexed) (Scopus Indexed)
456. Heena Sareen, Pawan Prasher, Sujan Singh, Ashwani Kumar Thukral, Anup Kumar Kesavan. (2017), Role of MDM2 SNP309 Gene Mutation in Pterygium: A Pilot Study, *International Journal of Ocular Oncology and Oculoplasty*, Issue. 2, Vol.3, pp 108-111. (UGC Indexed) (Scopus Indexed)
457. Rakhra, G., Kaur, T., Vyas, D., Sharma, A.D., Singh, J. and Ram, J. (2017), Molecular Cloning, Characterization, Heterologous Expression and In-Silico Analysis of Disordered Boiling Soluble Stress-

- Responsive wBsSRP Protein from Drought Tolerant Wheat cv.PBE 175., Plant Physiology and Biochemistry, Vol.112, pp 29-44. (Scopus Indexed)
458. Ahluwalia A and Sehajpal P.K (2017), Emerging Role of Micro RNA Manipulation by Mycobacterium Tuberculosis for its Survival in Humans, J Resp Res, Issue. 1, Vol.3, pp 1-4. (Scopus Indexed)
459. Ahluwalia P, Pandey R, Sehajpal P and Prajapati V. (2017), Perturbed Microrna Expression by Mycobacterium Tuberculosis Promotes Macrophage Polarization leading to Pro-survival Foam cell, Front Immunol, doi: 10.3389/fimmu.2017, Vol.8, pp 107-117. (Scopus Indexed).
- PHARMACEUTICAL SCIENCES**
460. Bala, R., Behal, J., Kaur, V., Jain, S.k., Rani, R., Manhas, R.K. (2017), Sonochemical Synthesis, Characterization, Antimicrobial Activity and Textile Dyeing Behavior of Nano-Sized Cobalt (III) Complexes., Ultrasonics Sonochemistry, Issue. 1, Vol.35, pp 294-303. (Impact Factor: 6.012) (UGC Indexed) (Scopus Indexed).
461. Kumar, D., Sharma P., Singh, H., Nepali, K., Gupta G.K., Jain, S. and Ntie-Kang F. (2017), The value of Pyrans as Anticancer Scaffolds in Medicinal Chemistry, RSC Advances, Issue. 1, Vol.7, pp 36977-36999. (Impact Factor: 2.9) (UGC Indexed) (Scopus Indexed).
462. Singh, M., Kaur, L. Singh, H., Sahajpal, N.S., Singh, H. and Jain, S (2017), Dual Approach of Nanoemulsion and Natural Permeation Enhancer Endorse Skin Targeting of Acyclovir, Current Nanoscience, Issue 2, Vol.13, pp 181-193. (Impact Factor: 1.306) (UGC Indexed) (Scopus Indexed).
463. Kaur, L., Abhijeet and Jain, S. (2017), Recent Patents for Safe and Effective Delivery of Amphotericin B: A Comprehensive Review, Recent Patents on Nanotechnology, Issue. 3, Vol.11, pp 214-234. (Impact Factor: 1.475) (UGC Indexed) (Scopus Indexed).
464. Sahajpal NS, Vig V, Singh P, Singh R, Jain S. (2017), The Deranged Vitreous Biochemistry in Diabetic Retinopathy: Prabable Diagnostic, Prognostic and Therapeutic Targets, Investigative Ophthalmology & Visual Science, Issue. 8, Vol.58. (Impact Factor: 3.2) (UGC Indexed) (Scopus Indexed).
465. Singh, D., Sharma, K., and Bedi, N. (2017), Tacrolimus Loaded Liquid and Solid Self-Microemulsion Preconcentrates: Development and Evaluation, Drug Delivery Letters (Bentham Science Publishers), Issue. 2, Vol.6, 36-48. (UGC Indexed) (Scopus Indexed).
466. Bhandari, S., Bhandari, V., Sood, J., Jaswal, S., Rana, V., Bedi, N., Sehgal, R., Tiwary, A.K. (2017), Improved Pharmacokinetic and Pharmacodynamic Attributes of Artemether-Lumefantrine-Loaded Solid SMEDDS for Oral Administration, Journal of Pharmacy and Pharmacology , Issue. 11, Vol.69, pp 1437-1446. (Impact Factor: 2.516) (UGC Indexed) (Scopus Indexed).
467. Kaur, N., Sharma, K., and Bedi, N. (2017), Topical Nanostructured Lipid Carrier Based Hydrogel of Mometasone Furoate for the Treatment of Psoriasis, Pharmaceutical Nanotechnology, Issue 1, Vol.6, pp 1-11. (UGC Indexed) (Scopus Indexed)
468. Pathak, A., Singh, D., and Bedi, N. (2017), Aprepitant Loaded Self-Microemulsion Preconcentrates for Enhanced Solubility and Bioavailability: A Design, Current Nanomedicine, Issue 1, Vol.8, pp 1-18. (Impact Factor: 0.323) (UGC Indexed) (Scopus Indexed)
469. Singh H, Arora R, Arora S., Singh B (2017), Ameliorative Potential of Alstonia Scholaris (Linn.) R. Br. against Chronic Constriction Injury-Induced Neuropathic Pain in Rats, BMC Complementary and Alternative Medicine, Issue. 63, Vol.17, pp 1-9. (Impact Factor: 2.7) (UGC Indexed) (Scopus Indexed).
470. Singh H, Bhushan S, Arora R, Butter H. S., Arora S., Singh B (2017), Alternative Treatment Strategies for Neuropathic Pain: Role of Indian Medicinal Plants and Compounds of Plant Origin-A review., Biomedicine & Pharmacotherapy, Issue. August, Vol.92, pp 634-650. (Impact Factor: 3.45) (UGC Indexed) (Scopus Indexed).

471. Kumari N, Singh N., Singh B. (2017), Phytoconstituents and Pharmacological Activities of *Pinus Roxburgii* – A Review, International Journal of Pharmaceutics & Drug Analysis, Issue. 7, Vol.5, pp 241-248. (UGC Indexed) (Scopus Indexed).
472. Prasad, N., Singh, B., Puri, D. (2017), Pharmacognostic Screening Studies of *Justicia Gendarussa* Burm. Leaves found in Dehradun District of Uttarakhand, Asian Journal of Pharmaceutical and Clinical Research, Special Issue, Vol.10, pp 83-87. (UGC Indexed) (Scopus Indexed).
473. Kaur P, Robin, Makanjuola V.O., Arora R, Singh B., Arora S. (2017), Immunopotentiating Significance of Conventionally used Plant Adaptogens as Modulators in Biochemical and Molecular Signalling Pathways in Cell Mediated Processes, Biomedicine & Pharmacotherapy, Issue. November, Vol.95, pp 1815-1829. (Impact Factor: 3.45) (UGC Indexed) (Scopus Indexed).
474. Singh D, Arora R, Kaur P, Singh B, Mannan R, Arora S. (2017), Overexpression of Hypoxia-Inducible Factor and Metabolic Pathways: Possible Targets of Cancer, Cell & Bioscience, Issue. 62, Vol.7, pp 1-9. (Impact Factor: 3.47) (UGC Indexed) (Scopus Indexed).
475. Navreet Kaur and Sarabjit Kaur (2017), Pharmacognostic and Phytochemical Evaluation of *Gmelina Arborea* Roxb, Journal of Pharmacognosy and Phytochemistry, Issue. 2, Vol.7, pp 401-403. (UGC Indexed) (Scopus Indexed).
476. Sarabjit Kaur, Anupam Sharma and Preet Mohinder Singh Bedi (2017), Bioactivity Guided Isolation, Characterization and Quantification of an Anxiolytic Constituent - Kaempferol, from *Melilotus Officinalis* Aerial Parts, Journal of Biologically Active Products from Nature, Issue. 5, Vol.7, pp 379-390 (UGC Indexed) (Scopus Indexed).
477. Sarabjit Kaur, Preet Mohinder Singh Bedi and Navreet Kaur (2017), Anti-inflammatory Effect of Methanolic Extract of *Gmelina Arborea* Bark and its fractions against Carrageenan induced Paw Oedema in Rats, Natural Product Journal, Issue. 23, Vol.31, pp 1-5. (Impact Factor: 1.8) (UGC Indexed) (Scopus Indexed).
478. G Singh, G Singh, R Bhatti, V Gupta, A Mahajan, P Singh, MPS Ishar (2017), Rationally Designed Benzopyran Fused Isoxazolidines and Derived β 2,3,3-amino Alcohols as Potent Analgesics: Synthesis, Biological Evaluation and Molecular Docking Analysis, European Journal of Medicinal Chemistry, Vol.127, pp 210-222. (Impact Factor: 4.816) (UGC Indexed) (Scopus Indexed).
479. P Singh, S Kaur, A Sharma, G Kaur, R Bhatti (2017), TNF-a and IL-6 inhibitors: Conjugates of N-Substituted Indole and Aminophenylmorpholin-3-one as Anti-Inflammatory Agents, European Journal of Medicinal Chemistry, Vol.140, pp 92-103. (Impact Factor: 4.816) (UGC Indexed) (Scopus Indexed).
480. Singh, H., Singh, J. V., Gupta, M. K., Singh, P., Sharma, S., Nepali, K., and Bedi, P. M. S. (2017), Benzoflavones as Cholesterol Esterase Inhibitors: Synthesis, Biological Evaluation and Docking Studies, Bioorganic & Medicinal Chemistry Letters, Issue. 4, Vol.27, 850-854. (Impact Factor: 2.442) (UGC Indexed) (Scopus Indexed).
481. Kaur, M., Kaur, A., Mankotia, S., Singh, H., Singh, A., Singh, J. V., Gupta, M. K., Sharma, S., Nepali, K., and Bedi, P.M.S. (2017), Synthesis, Screening and Docking of Fused Pyrano[3,2-d]pyrimidine derivatives as Xanthine Oxidase Inhibitor, European Journal of Medicinal Chemistry, Issue. 1, Vol.131, pp 14-28. (Impact Factor: 4.816) (UGC Indexed) (Scopus Indexed).
482. Singh, A. P., Singh, N., and Bedi, P. M. S. (2017), Estradiol Mitigates Ischemia Reperfusion-Induced Acute Renal Failure through NMDA Receptor Antagonism in Rats, Molecular and Cellular Biochemistry, Issue 1-2, Vol.434, pp 33-40. (Impact Factor: 2.561) (UGC Indexed) (Scopus Indexed).
483. Kaur, S., Sharma, A., and Bedi, P.M.S., (2017), Evaluation of the Anxiolytic Effect of *Melilotus Officinalis* Extracts in Mice, Asian Journal of Pharmaceutical and Clinical Research, Issue. 6, Vol.10, pp 396-399. (UGC Indexed) (Scopus Indexed).

484. Kaur, S., Bedi, P.M.S., Kaur, N. (2017), Anti-inflammatory Effect of Methanolic Extract of *Gmelina Arborea* Bark and its Fractions against Carrageenan induced Paw Oedema in Rats, *Natural Product Research*, Issue 1, Vol.1, pp 1-4. (Impact Factor: 1.928) (UGC Indexed) (Scopus Indexed).
485. Singh, H., Singh, J. V., Gupta, M. K., Saxena, A. K., Sharma, S., Nepali, K., and Bedi, P. M. S. (2017), Triazole Tethered Isatin-Coumarin based Molecular Hybrids as Novel Antitubulin Agents: Design, Synthesis, Biological Investigation and Docking Studies, *Bioorganic & Medicinal Chemistry Letters*, Issue. 17, Vol.27, pp 3974-3979. (Impact Factor: 2.442) (UGC Indexed) (Scopus Indexed)
486. Singh, H., Singh, J. V., Kaur, N., Sanduja, M., Singh, G., Bedi, P. M. S., and Sharma, S. (2017), Rational Approaches, Design, Strategies, Structure Activity Relationship and Mechanistic Insights for Esterase Inhibitors, *Mini reviews in Medicinal Chemistry* , Issue. 1, Vol.17, pp 1-16. (Impact Factor: 2.645) (UGC Indexed) (Scopus Indexed).
487. Singh, H., Singh, A., Gupta, M. K., Sharma, S., and Bedi, P. M. S. (2017), Microwave-Assisted SiO₂-H₂SO₄-Catalyzed Synthesis of 3,4,6,7-Tetrahydro-3,3,6,6-Tetramethyl-9,10-diphenylacridine-1,8-dione Derivatives as Cholesterol Esterase Inhibitors, *International Journal of Pharmaceutical Sciences and Research*, Issue. 5, Vol.79, pp 801-812. (UGC Indexed) (Scopus Indexed).
488. Kaur, G., Bedi, P.M.S.and Narang.J.K. (2017), Targeting Alopecia with Topical Nanocarriers, *World Journal of Pharmacy and Pharmaceutical Sciences*, Issue. 12, Vol.6, pp 326-333. (UGC Indexed) (Scopus Indexed).
489. Kaur,G., Bedi, P.M.S.and Narang.J.K. (2017), Topical Nanoemulgel: A Novel Pathway for Investigating Alopecia, *Journal of Nanomedicine and Nanotechnology*, Issue. 6, Vol.8, pp 1-5. (UGC Indexed) (Scopus Indexed).
490. Kusha agrawal, Tamana kalia, Varun Kumar Vashishth, Junior Sundresh (2017), The Role of Modern Medical Technologies (Minimal Invasive Surgery) to the Patient Benefits, *Paripax-Indian Journal of Research*, Issue. 1, Vol.7, pp 24-25. (Scopus Indexed).
491. Varun Kumar Vashishth, Tamana Kalia, Kusha Agrawal, Junior Sundresh (2017), Health Related Quality of Life and Knowldge about Epilepsy among Patients with Epilepsy, *International Journal of Scientific Research*, Issue. 1, Vol.7, pp 374-375. (Scopus Indexed).
492. Sarabjit kaur, Preet Mohinder Singh Bedi, Navreet kaur (2017), Anti-inflammatory effect of Methanolic extract of *Gmelina Arborea* Bark and its fractions against Carrageenan Induced Paw Oedema in Rats, *Natural Product Research*, Issue 23, Vol. 31. (Scopus Indexed).
493. Lakhvir Kaur, Subheet Kumar Jain and Abhijeet (2017), Safe and Effective Delivery of Amphotericin B: A Survey of Patents, *Recent Patent on Nanotechnology*, Issue 3, Vol.11. (Scopus Indexed).
494. Mukta Singh, Lakhvir Kaur, Harmanpreet Singh and Subheet Kumar Jain (2017), Dual Approach of Nanoemulsion and Natural Permeation Enhancer Endorse Skin Targeting of Acyclovir, *Current Nanoscience*, Issue. 2, Vol.13, pp 1-13. (Scopus Indexed).
495. Kumar M, Kaur P, Chandel M, Singh AP, Jain A, Kaur S. (2017), Antioxidant and Hepatoprotective Potential of *Lawsonia Inermis* L. leaves against 2-acetylaminofluorene induced Hepatic Damage in Male Wistar rats., *BMC Complement Altern Med.*, Issue. 1, Vol.17, pp 1-11. (Scopus Indexed).
496. Kaur P, Kumar M, Singh AP, Kaur S. (2017), Ethyl Acetate Fraction of *Pteris vittata* L. alleviates 2-Acetylaminofluorene Induced Hepatic Alterations in Male Wistar Rats, *Biomed Pharmacother*, Vol.88, pp 1080-1089. (Scopus Indexed).
497. Kaur V, Kumar M, Kaur P, Kaur S, Singh AP, Kaur S (2017), Hepatoprotective Activity of *Butea Monosperma* Bark against Thioacetamide-induced Liver Injury in rats., *Biomed Pharmacother*, Vol.89, pp 332-341. (Scopus Indexed).

498. Singh AP, Singh N, Bedi PMS (2017), Estradiol Mitigates Ischemia Reperfusion-Induced Acute Renal Failure through NMDA Receptor Antagonism in Rats, *Mol Cell Biochem*, Issue. 1-2, Vol.434, pp 33-40. (Scopus Indexed)
499. Hasandeep Singh, Rohit Arora, Saroj Arora, Balbir Singh (2017), Ameliorative Potential of *Alstonia Scholaris* (Linn.) R. Br. against Chronic Constriction Injury-Induced Neuropathic Pain in Rats, *BMC Complementary and Alternative Medicine*, Issue. 63, Vol.17, pp 1-9. (Scopus Indexed).
500. Hasandeep Singh, Sakshi Bhushan, Rohit Arora, Harpal Singh Buttar, Saroj Arora, Balbir Singh (2017), Alternative Treatment Strategies for Neuropathic Pain: Role of Indian Medicinal Plants and Compounds of Plant Origin-A review, *Biomedicine & Pharmacotherapy*, Issue.1, Vol.92, pp 634-650. (Scopus Indexed).
501. S. Sharma, V. Sharma, G. Singh, H. Kaur, M.P.S. Ishar (2017), 2-(chromon-3-yl)Imidazole Derivatives as Potential Antimicrobial Agents: Synthesis, Biological Evaluation and Molecular Docking Studies, *Journal of Chemical Biology*, Issue. 1, Vol.10, pp 35-44. (Scopus Indexed).

ZOOLOGY

502. Parihar, R. D.; Sohal, S. K. and Ohri, P. (2017), Morphometric variations in *Distolabrellus veechi* (Nematoda: Rhabditidae) collected from different localities in Punjab, *Indian Journal of Nematology*, Issue. 2, Vol.46, pp 193-197. (Impact Factor: 0.127) (UGC Indexed) (Scopus Indexed).
503. Gupta, S., Arora, R., Arora, S. and Sohal, S. K. (2017), Evaluation of Insecticidal Potential of 4-Methylthiobutyl Isothiocyanate on the Growth and Development of Polyphagous Pest, *Spodoptera litura* (Fab.) (Lepidoptera: Noctuidae), *International Journal of Entomology Research*, Issue. 2, Vol.2, pp 1-5. (UGC Indexed) (Scopus Indexed).
504. Kaur, H., Kaur, A., Kaur, A. P., Rup, P. J. and Sohal, S. K. (2017), Assessment of Soybean Inhibitor as a Biopesticide against Melon Fruit Fly, *Bactrocera Cucurbitae* (Coquillett), *Journal of Plant Diseases and Protection*, Vol.124, pp 445-451. (Impact Factor: 0.622) (UGC Indexed) (Scopus Indexed).
505. Gupta, S.; Chauhan, N. S.; Bhushan, S.; Arora, R.; Arora, S. and Sohal, S. K. (2017), Insecticidal, Food Utilisation and Biochemical effect of Essential Oils Extracted from seeds of *Brassica juncea* (Czern.) against *Spodoptera litura* (Lepidoptera: Noctuidae) (Fabricius), *Arthropods*, Issue. 3, Vol.6, pp 93-106. (UGC Indexed) (Scopus Indexed).
506. Verma A, Kaur A, Shveta A (2017), Genotoxic effect of azo-dye AR-88 and its Microbial Degraded Products on Fry of *Cyprinus carpio*, *Essence-International Journal for Environmental Rehabilitation and Conservation*, Issue. 2, Vol.8, pp 34-42. (UGC Indexed) (Scopus Indexed).
507. Reja, S.I., Sharma, N., Bajaj, P., Gupta, M., Bhalla, V., Parihar, R.D., Ohri, P., Kaur, G. and Kumar, M. (2017), A Highly Selective Fluorescent Probe for Detection of Hydrogen Sulfide in Living Systems: in Vitro and in Vivo Applications, *Chemistry: A European Journal*, Issue. 41, Vol.23, pp 9872-9878. (Impact Factor: 5.771) (UGC Indexed) (Scopus Indexed).
508. Reja, S.I., Gupta, M., Gupta, N., Bhalla, V., Bajaj, P., Parihar, R.D., Ohri, P., Kaur, G. and Kumar, M. (2017), A Lysosome Targetable Fluorescent Probe for Endogenous Imaging of Hydrogen Peroxide in Living Cells, *Chemical Communications*, Issue. 1, Vol.53, pp 3701-3704. (Impact Factor: 6.319) (UGC Indexed) (Scopus Indexed).
509. Sharma, R., Bhardwaj, R., Bali, S., Kohli, S.K., Kaur, R., Kaur, P., Sharma, M., Thukral, A.K. Vig, A.P., Ohri, P. (2017), Role of Phytochelators in Land Reclamation: Recent Progress and Perspectives, *Current Environmental Engineering*, Issue. 1, Vol.4, pp 42-52. (UGC Indexed) (Scopus Indexed)
510. Jasrotia, S. and Ohri, P. (2017), Epibrassinolide Regulated Mitigation of stress in *Meloidogyne Incognita* (Kofoid and White, 1919) Infected *Lycopersicon Esculentum* Mill. (Syn. *Solanum lycopersicum*) grown under in-vitro conditions, *In Vitro Cellular & Developmental Biology – Plant*, Issue. 6, Vol.53, pp 538-545. (Impact Factor: 1.024) (UGC Indexed) (Scopus Indexed).

511. Gupta, N., Kaur, T., Bhalla, V., Parihar, R.D., Ohri, P., Kaur, G. and Kumar, M. (2017), A Naphthalimide Based Solid State Luminescent Probe for the Ratiometric Detection of Aluminum Ions: in vitro and in vivo Applications, *Chemical Communications*, Issue 94, Vol.53, pp 12646-12649. (Impact Factor: 6.319) (UGC Indexed) (Scopus Indexed).
512. Khajuria, A. and Ohri, P. (2017), Nematode Stress Mitigation by Polyamine Application in *Lycopersicon Esculentum*, *Indian Journal of Nematology*, Issue. 2, Vol.47, pp 147-154. (UGC Indexed) (Scopus Indexed).
513. Jasrotia, S. and Ohri, P. (2017), Ameliorative effect of 24-Epibrassinolide on Physiology of Tomato Plants infected with *Meloidogyne Incognita* (Kofoid and White, 1919) Chitwood, 1949, *Indian Journal of Nematology*, Issue. 2, Vol.47, pp 228-233. (UGC Indexed) (Scopus Indexed).
514. Sharma M, Chadha P (2017), Widely Used Non-Ionic Surfactant 4-Nonylphenol: Showing Genotoxic Effects in Various Tissues of *Channa Punctatus*, *Environmental Science and Pollution Research*, Issue. 12, Vol.24, pp 11331-11339. (Impact Factor: 2.800) (UGC Indexed) (Scopus Indexed).
515. Kanda, D, Kaur, S. and Koul, O (2017), A Comparative Study of Monoterpenoids and Phenylpropanoids from Essential Oils against Stored Grain Insects: Acute Toxins or Feeding Deterrents, *Journal of Pest Science*, Vol.90, pp 531-545. (Impact Factor 4.402) (UGC Indexed) (Scopus Indexed).
516. Kaur, M., Kumar, R., Upendrabhai, D.P., Singh, I.P. and Kaur, S. (2017), Impact of Sesquiterpenes from *Inula Racemosa* (Asteraceae) on Growth, Development and Nutrition of *Spodoptera Litura* (Lepidoptera: Noctuidae), *Pest Management Science*, Vol.73, pp 1031-1038. (Impact Factor: 3.249) (UGC Indexed) (Scopus Indexed).
517. Kaur, Preet,K., Thakur, A., Saini, H.S. and Kaur, S. (2017), Evaluation of *Bacillus Vallismortis* (Bacillales: Bacillaceae) R2 as Insecticidal Agent against Polyphagous Pest *Spodoptera Litura* (Lepidoptera: Noctuidae), *3Biotech*, Issue. 0, Vol.7, pp 346-353. (Impact Factor: 1.497) (UGC Indexed) (Scopus Indexed).

FACULTY OF PHYSICAL EDUCATION

PHYSICAL EDUCATION

518. Singh H, Singh S (2017), Prevalence, Patterns and Associated Factors of Physical Activity in Indian University Students, *European Journal of Physical Education and Sport Science* (ISSN: 2501-1235), Issue. 10, Vol.3, pp 76-87. (Scopus Indexed).
519. Singh H, Singh S, Singh M (2017), Type A Behavior Pattern is associated with Higher Levels of Physical Activity among Male Young Adults: An Ex Post Facto Analysis, *European Journal of Physical Education and Sport Science* (ISSN: 2501-1235), Issue. 8, Vol.3, pp 204-211. (Scopus Indexed).
520. Singh G, Singh S, Singh H (2017), Physical fitness differentials between boys of government and private schools, *International Journal of Physical Education, Sports and Health* (ISSN: 2394-1693), Issue. 3, Vol.4, 468-471. (Scopus Indexed).
521. Singh G, Singh S, Singh H (2017), Cross-sectional comparisons of Physical fitness between the girls of government and private schools, *International Journal of Physiology, Nutrition and Physical Education* (ISSN:2456-0057), Issue. 2, Vol.2, pp 369-372. (Scopus Indexed).
522. Kiran, Dhadda N, Singh S, Singh M, Singh KM (2017), Study of eating attitudes and social physique anxiety among university students, *International Journal of Yoga, Physiotherapy and Physical Education* (ISSN: 2456-5067), Issue. 5, Vol.2, pp 82-85. (Scopus Indexed).
523. Singh A, Singh A (2017), Comparative Study of Social Support among Individual, Team and Dual Sports Athletes, *International Journal of Current Research and Review* [ISSN:0975-5241 (online) 2231-2196 (Print)], Issue. 14, Vol.9, pp 19-22. (Scopus Indexed).

524. Singh P, Singh A, Singh H (2017), Development of Norms for selected Physical Fitness Parameters of Male Football Goalkeepers, International Journal of Yoga, Physiotherapy and Physical Education (ISSN 2456-5067), Issue. 6, Vol.2, pp 156-159. (Scopus Indexed).

FACULTY OF PHYSICAL PLANNING & ARCHITECTURE

ARCHITECTURE

525. Sakshi Sahni, KS Chahal (2017), Determinants of Urban Form in the Evolution of Settlements, Local Government Quarterly, Journal, Issue. 01, Vol.LXXXVII, pp 29-38. (UGC Indexed) (Scopus Indexed).
526. Ankur Prabhakar, KS Chahal (2017), Efficient Planning of Smart Units- An appropriate way to overcome land shortage with exaggerating prices and rising population in countries like India, Journal of The Indian Institute of Architects , Issue. 04, May 2017, Vol.82, pp 28-32. (UGC Indexed) (Scopus Indexed).
527. Ravi Inder Singh, KS Chahal (2017), Peri-Urban Areas: A Conceptual Overview, Nagarlok, (Quarterly Journal of Urban Affairs), Issue. July-Sept 2017, Vol.XLIX, Part 3, pp 81-90. (UGC Indexed) (Scopus Indexed).
528. Aditi sharma, Sandeep Dua (2017), National Conference on Urban Environment Management of India: Problems and Prospects, MNIT, Jaipur, International Journal on Emerging Technologies, Special Issue, Vol.8(1), pp 497-503. (Scopus Indexed).
529. Bhanu Mahajan, Meenakshi Singhal (2017), Residential Built Form and Carbon Footprint: Quantifying Energy Consumption and Carbon Footprint for Varied Residential Typologies, Journal of the Institute of Town Planners, India, Issue. 4, Vol.14, pp 1-11. (Scopus Indexed).
530. Kumari Beena, Sharma Shruti, Sharma Sandeep and Kwatra Naveen (2017), Monitoring Degradation in Concrete Filled Steel Tubular Sections using Guided Waves, Journal of Smart Structures and Systems, (An SCI International Journal, Impact Factor : 1.382)) DOI: <https://doi.org/10.12989/sss.2017.19.4.371.> , Issue. 4, Vol.19, pp 371-382. (Scopus Indexed).
531. Bhanu Mahajan, Minakshi Singhal (2017), Residential Built Form and Carbon Footprint, ITPI Journal, Issue. Oct-Dec, 2017, Vol.14 x 3, pp 1-11. (Scopus Indexed).

GURU RAMDAS SCHOOL OF PLANNING

532. Kiran Sandhu (2017), Municipal Solid Waste Management in 39 Globalizing India; The Case of Amritsar City, Local Government Quarterly, Issue. 1, Vol.87, pp 39-50. (UGC Indexed) (Scopus Indexed).
533. Kiran Sandhu, P. Burton, A. Dedekorkut-Howes (2017), Between Hype and Veracity; Privatization of Municipal Solid Waste Management and its Impacts on the Informal Waste Sector Waste Management, Waste Management, Issue. 1, Vol.59, pp 545-446. (Impact Factor: 4.54) (UGC Indexed) (Scopus Indexed).
534. Ritu Raj Kaur, Gursharan Kaur (2017), Spatial and Social Structure of Indian Cities in Historical Context, Local Government Quarterly, Issue. 3, Vol.LXXXVII, pp 65-77. (UGC Indexed) (Scopus Indexed)
535. Ritu Raj Kaur (2017), Urban Slums and Millennium Development Goals: Case of Water and Sanitation of Metropolitan Cities of Punjab, Nagarlok, Issue. 4, Vol. XLIX, pp 69-81. (UGC Indexed) (Scopus Indexed).
536. Sakshi Sahni, Karamjit Singh Chahal (2017), Determinants of Urban form in the Evolution of Settlements, Local Government Quarterly, Issue. 1, Vol.LXXX, pp 28-38. (Scopus Indexed).
537. Gursharan kaur, Ritu Raj Kaur (2017), Spatial and Social Structure of Indian Cities in Historical Context, Local Government Quarterly, Issue. 3, Vol.3, pp 65-77. (Scopus Indexed).

538. Gursharan Kaur, Balvinder Singh (2017), Private Housing in Punjab: An Overview, Nagarlok, Issue. 4, Vol.XLIX, pp 33-46. (UGC Indexed) (Scopus Indexed).
539. Sandeep Kumar (2017), Role of Government for Housing the Urban Poor in Amritsar: Pitfalls and Consequences, International Journal of Emerging Technologies, Issue. 1, Vol.8, pp 206-211. (Scopus Indexed).
540. Sandeep Kumar (2017), Characteristics of Housing Stock in Amritsar: Some Issues, Journal of Institute of Town Planners of India, Issue. 3, Vol.14, pp 55-63. (UGC Indexed) (Scopus Indexed).
541. Gopal Kuamr Johari, Gursharanjeet Kaur (2017), Affordable Housing: A Comprehensive Approach, Indian Building Congress, Issue. 2, Vol.25, pp 41-48. (Scopus Indexed).
542. Ravi Inder Singh (2017), A Smart Concept for Waste Management in Jalandhar City, International Journal on Emerging Technologies, Issue. 1, Vol.8, pp 490-496. (Scopus Indexed).

FACULTY OF SCIENCES

CHEMISTRY

543. Priya Singla, Paramjit Kaur and Kamaljit Singh (2017), Hg²⁺ triggered off state-on state Conversion of a Dipyrone Derivative: Application to Soft Material, Sensors and actuators: B Chemical, Vol.244, pp 299-306. (Impact Factor: 5.667) (UGC Indexed) (Scopus Indexed).
544. Sugandha Dhoun, Sarbjit Kaur, Paramjit Kaur, Kamaljit Singh (2017), A Cyanostilbene-Boronate based AIEE probe for Hydrogen Peroxide-Application in Chemical Processing, Sensors and Actuators: B Chemical, Vol.245, pp 95-103. (Impact Factor: 5.667) (UGC Indexed) (Scopus Indexed).
545. Sugandha Dhoun, Paramjit Kaur and Kamaljit Singh (2017), Propargylated Cyanostilbene based Chemodosimeter for Pd²⁺ with application in Biological Fluids, Dyes and Pigments, Vol.143, pp 361-367. (Impact Factor: 3.767) (UGC Indexed) (Scopus Indexed).
546. Navdeep Kaur, Nick Van Steerteghem, Priya Singla, Paramjit Kaur, Koen Clays and Kamaljit Singh (2017), Second-order Nonlinear Polarizability of ferrocene-BODIPY donor-acceptor adducts. Quantifying charge redistribution in the excited state, Dalton Trans, Vol.46, pp 1124-1133. (Impact Factor: 4.099) (UGC Indexed) (Scopus Indexed).
547. Priya Singla, Nick Van Steerteghem, Navdeep Kaur, A. Z. Ashar, Paramjit Kaur, Koen Clays, K. S. Narayan and Kamaljit Singh (2017), Multifunctional Geometrical Isomers of Ferrocene-Benzo[1,2-b:4,5-b]difuran-2,6-(3H,7H)-dione adducts: Second-order nonlinear Optical Behaviour and Ambipolar Charge Transport in Thin Film OFET devices, J. Mater Chem (C), Vol.5, pp 697-708. (Impact Factor: 5.976) (UGC Indexed) (Scopus Indexed).
548. Sarbjit Kaur, Mandeep Kaur, Paramjit Kaur, Koen Clays and Kamaljit Singh (2017), Ferrocene Chromophores continue to inspire Fine-tuning and switching of the second-order nonlinear optical response, Coord. Chem. Rev., Vol.343, pp 185-219. (Impact Factor: 14.499) (UGC Indexed) (Scopus Indexed).
549. Gurbir Singh, Raman Kamboj, Venus Singh Mithu, Vinay Chauhan, Taranjeet Kaur, Gurcharan Kaur, Sukhprit Singh, Tejwant Singh Kang (2017), Nicotine-based surface Active Ionic Liquids: Synthesis, Self-Assembly and Cytotoxicity Studies, Journal of Colloid and Interface Science, Vol.496, pp 278-289. (Impact Factor: 5.091) (UGC Indexed) (Scopus Indexed).
550. Karandeep Singh, Amanpreet Kaur, Venus Singh Mithu, Siddharth Sharma (2017), Metal-Free Organocatalytic Oxidative Ugi Reaction Promoted by Hypervalent Iodine, The Journal of Organic Chemistry, Issue. 10, Vol.82, pp 5285-5293. (Impact Factor: 4.805) (UGC Indexed) (Scopus Indexed).

551. Bappaditya Chandra, Venus Singh Mithu, Debanjan Bhowmik, Anand Kant Das, Bankanidhi Sahoo, Sudipta Maiti, Perunthiruthy K Madhu (2017), Curcumin Dictates Divergent fates for the Central Salt Bridges in Amyloid- β 40 and Amyloid- β 42, *Biophysical Journal*, Issue. 8, Vol.112, pp 1597-1608. (Impact Factor: 3.632) (UGC Indexed) (Scopus Indexed).
552. Prabhjot Singh, Surinder K Brar, Manish Bajaj, Nikesh Narang, Venus S Mithu, Om P Katare, Nishima Wangoo, Rohit K Sharma (2017), Self-assembly of Aromatic A-Amino Acids into Amyloid inspired nano/micro scaled architects, *Materials Science and Engineering: C*, Vol.72, pp 590-600. (Impact Factor: 4.164) (UGC Indexed) (Scopus Indexed).
553. Komal, Preetshikha, Tejwant Kang, (2017), Facile and Greener one Pot Synthesis of ZincSulphide Quantum Dots Employing Zinc based Ionic Liquids and their PhotocatalyticActivity, *New J. Chem.(The Royal Society of Chemistry)*, Vol.41, pp 7407-7416. (Scopus Indexed).
554. Gagandeep, Gurbir, Damarala, Pushpendar Sharma, Arvind, Tejwant Kang, (2017), Highly Stretchable, Self-healing, Conducting, Multiadhesive and Antimicrobial Ionogels based on Gelatin, *ACS Sustainable Chemistry and Engineering (American Chemical Society)*, Vol.5, pp 6568-6577. (Scopus Indexed).
555. Sandeep, Gurbir, Pritpal, Tejwant Kang, (2017), Synthesis andCharacterization of Tin (IV) Antimonophosphate Nanocomposite Membrane Incorporating1-Dodecyl-3-methylimidazolium Bromide Ionic Liquid, *RSC Advances (Royal Society of Chemistry)*, Vol.7, pp 12561-12569. (Scopus Indexed).
556. Gurbir, Raman, Venus Mithu, Gurcharan, Sukhprit, Tejwant Kang, (2017), Nicotine-based Surface Active Ionic Liquids: Synthesis, Self-assembly and Cytotoxicity Studies, *J. Colloid. Interface Sci. (Elsevier)*, Vol.496, pp 278-289. (Scopus Indexed).
557. Preet, Komal, Tejwant Kang, B. S. Randhawa , (2017), Mn Doping Induced Physico-chemical Changes in La-Ce Ferrite Nanofabricated by Ionic Liquid Assisted Hydrothermal Route, *Journal of Alloys and Compounds (Elsevier)*, Vol.701, pp 788-796. (Scopus Indexed).
558. Singh Gurbir, Kamboj Raman, Singh Mithu Venus, Chauhan Vinay, Kaur Taranjeet, Kaur Gurcharan, Singh Sukhprit, Kang Tejwant Singh (2017), Nicotine-based Surface Active Ionic Liquids: Synthesis, Self-Assembly and Cytotoxicity Studies, *Journal of Colloid and Interface Science*, Vol.496, pp 278-289. (Impact Factor: 5.091) (UGC Indexed) (Scopus Indexed).
559. Love Karan Rana, Sanyog Sharma, Geeta Hundal (2017), Crystal Engineering of Versatile Hg(II) Halides Complexes of N,N,N',N'-tetraalkyl Substituted 3,5 Pyridinedicarboxamides, *Journal of Molecular Structure*, Issue. 1153, pp 324-332. (Impact Factor: 1.9) (UGC Indexed) (Scopus Indexed).
560. Amanpreet Kaur Jassal, Love Karan Rana, Geeta Hundal (2017), Structure Directing Role of Amines and Water Molecules in the Self-Assembly of Polyoxomolybdates, *Cryst Engg Comm*, Vol.19, pp 2021-2032. (Impact Factor: 3.5) (UGC Indexed) (Scopus Indexed).
561. Sandeep Kumar, Gurpreet Kaur, Georg Schreckenbach, Savit Andotra, Geeta Hundal, Vishal Sharma, Sundeep Jaglan, Sushil K. Pandey (2017), 3,4-Dimethyl diphenyldithiophosphate of mononuclear cobalt (II) with N-donor ligands: Synthesis, Structural Characterization, DFT and Antibacterial Studies, *Journal of Molecular Structure*, Issue. 1141, pp 23-30. (Impact Factor: 1.9) (UGC Indexed) (Scopus Indexed).
562. Aman Bhalla, Garima Modi, Shamsher S. Bari, Anu Kumari, Shiwani Berry, Geeta Hundal (2017), Stereoselective synthesis of novel C-3 functionalized 3-sulfonyl- β -blactams: Promising biologically active heterocyclic scaffolds, *Tet. Lett.*, Vol.58, pp 1160-1165. (UGC Indexed) (Scopus Indexed).
563. Sarabjit Kaur, Mandeep Kaur, Paramjit Kaur, Koen Clays, Kamaljit Singh (2017), Ferrocene Chromophores Continue to inspire Fine tuning and switching of the second-order nonlinear optical response, *Coord. Chem. Rev.*, Vol.343, pp 185-219. (Impact Factor: 14.499) (UGC Indexed) (Scopus Indexed).

564. Sugandha Dhoun, Ishpreet Kaur, Paramjit Kaur, Kamaljit Singh (2017), Propargylated Cyanostilbene based Chemodosimeter for Pd²⁺ with Application in Biological Fluids, Dyes and Pigments, Vol.143, pp 361-367. (Impact Factor: 3.767) (UGC Indexed) (Scopus Indexed).
565. Sugandha Dhoun, Sarjeet Kaur, Paramjit Kaur, Kamaljit Singh, (2017), A Cyanostilbene-Boronate based AIEE probe for Hydrogen Peroxide-Application in chemical processing, Sensors and Actuators B: Chemical, Vol.245, pp 95-103. (Impact Factor: 5.667) (UGC Indexed) (Scopus Indexed).
566. Priya Singla, Paramjit Kaur, Kamaljit Singh (2017), Hg²⁺ triggered off state-on state conversion of a Dipyrone Derivative: Application to soft material, Sensors and Actuators B:Chemical , Vol.244, pp 299-306 (Impact Factor: 5.667). (UGC Indexed) (Scopus Indexed).
567. Navdeep Kaur, Nick Van Steerteghem, Priya Singla, Paramjit Kaur, Koen Clays, Kamaljit Singh (2017), Second-order nonlinear polarizability of ferrocene-BODIPY donor-acceptor adducts Quantifying charge redistribution in the excited state, Dalton Trans, Vol.46, pp 1124-1133. (Impact Factor: 4.099). (UGC Indexed) (Scopus Indexed).
568. Priya Singla, Nick Van Steerteghem, Navdeep Kaur, A. Z. Ashar, Paramjit Kaur, Koen Clays, K. S. Narayan, Kamaljit Singh (2017), Multifunctional geometrical isomers of ferrocene-benzo[1,2-b:4,5-b]difuran-2,6-(3H,7H)-dione adducts: Second-order nonlinear optical behaviour and ambipolar charge transport in thin film OFET devices, J. Mater. Chem. C, Vol.5, pp 697-708. (Impact Factor: 5.976) (UGC Indexed) (Scopus Indexed).
569. A.K. Sood, H. Kaur, T. S. Banipal (2017), Interactions in the Mixed Micelles of Monomeric and Gemini Surfactants: Influence of some Co-Solvents as a Function of Temperature, Arab J Chem. (Impact Factor: 4.45) (UGC Indexed) (Scopus Indexed).
570. A.K. Sood, Pritambir, Meenu Aggarwal (2017), A Mathematical Approach to a More Accurate Determination of Critical Micelle Concentration and other Thermodynamic Parameters of 14-2-14 Gemini Surfactant in Water–Organic Solvent Mixed Media at Variable Temperatures, J Surfact Deterg, Issue. 4, Vol.20, pp 297-305. (Impact Factor: 1.45) (UGC Indexed) (Scopus Indexed).
571. Prabhpreet Singh, Lalit Singh Mittal, Harminder Singh, Gaurav Bhargava and Subodh Kumar (2017), Perylene diimide-based organic p-motif for differentiating CN- and F- ions by encounter of Electron-Transfer vs. Desilylation Mechanisms: Applications to Complex Logic Circuits, New Journal of Chemistry, Issue. 18, Vol.41, pp 10281-10290. (Impact Factor: 3.201) (UGC Indexed) (Scopus Indexed).
572. Neetu Tripathi, Prabhpreet Singh and Subodh Kumar (2017), Dynamic Fluorescence Quenching by 2,4,6-trinitrophenol in the voids of an Aggregation Induced Emission based Fluorescent Probe, New Journal of Chemistry , Issue. 17, Vol.41, pp 8739-8747. (Impact Factor: 3.201) (UGC Indexed) (Scopus Indexed).
573. Prabhpreet Singh, L. S. Mittal, G. Bhargava, S. Kumar (2017), Ionic self-assembled platform of perylenediimide – Sodium Dodecylsulfate for detection of Spermine in Clinical Samples, Chemistry Asian Journal , Issue. 8, Vol.12, pp 890-899. (Impact Factor: 3.692) (UGC Indexed) (Scopus Indexed).
574. N. Tripathi, R. Kumar, Prabhpreet Singh, S. Kumar (2017), Ratiometric fluorescent ‘turn-on’ probe for fast and Selective Detection of TNT in solution, solid and vapour, Sensors Actuator B: Chem, Vol.246, pp 1001-1010. (Impact Factor: 5.667) (UGC Indexed) (Scopus Indexed).
575. Prabhpreet Singh, H. Singh, G. Bhargava, S. Kumar (2017), ‘To kill many birds with one stone’: Addressing Half-adder, Half-subtractor, Demultiplexer, 2-to-4 Decoder, Comparator, Keypad lock with Unimolecular system, Sensors Actuator B: Chem , Vol.245, pp 1004-1014. (Impact Factor: 5.667) (UGC Indexed) (Scopus Indexed).
576. N. R. Gupta, A. Kumar S.K., S. K Mittal, Prabhpreet Singh, S. Kumar (2017), Silver Selective Membrane Electrodes based on Macrocycles Possessing Thioether-Amide-Amine Combinations, Journal of Analytical Chemistry, Issue. 2, Vol.72, pp 191-202. (Impact Factor: 0.971) (UGC Indexed) (Scopus Indexed).

577. S. Sandhu, R. Kumar, N. Tripathi, H. Singh, Prabhpreet Singh, S. Kumar (2017), Lab-on-a-Molecule Elaboration for fluorescence based Discrimination of Commercial Surfactants Sodium Dodecyl Sulfate and Sodium Dodecylbenzenesulfonate, sensors Actuator B Chem, Vol.241, pp 8-18. (Impact Factor: 5.667) (UGC Indexed) (Scopus Indexed).
578. S. Sandhu, R. Kumar, Prabhpreet Singh, S. Kumar (2017), Imidazolium based probes for recognition of Biologically and Medically Relevant Anions, Chemical Records, Issue. 4, Vol.17, pp 441-471. (Impact Factor: 4.891) (UGC Indexed) (Scopus Indexed).
579. Amandeep Singh, Anu Rani, Jiri Gut, Philip J. Rosenthal, Vipan Kumar (2017), Document Piperazine-linked 4-aminoquinoline-chalcone/ferrocenyl-chalcone Conjugates: Synthesis and Antiplasmodial Evaluation, Chemical Biology and Drug Design , Issue. 4, Vol.90, pp 590-595. (Impact Factor: 2.3) (UGC Indexed) (Scopus Indexed).
580. Amandeep Singh, Christophe Biot, Albertus Viljoen, Christian Dupont, Laurent Kremer, Kewal Kumar, Vipan Kumar (2017), Document 1H-1,2,3-triazole-tethered uracil-ferrocene and Uracil-Ferrocenylchalcone Conjugates: Synthesis and Antitubercular Evaluation, Chemical Biology and Drug Design, Issue. 6, Vol.89, pp 856-861. (Impact Factor: 2.3) (UGC Indexed) (Scopus Indexed).
581. Amandeep Singh, Jiri Gut, Philip J.Rosenthal, Vipan Kumar (2017), 4-Aminoquinoline-ferrocenyl-chalcone conjugates: Synthesis and anti-plasmodial Evaluation, European Journal of Medicinal Chemistry, Vol.125, pp 269-277. (Impact Factor: 4.81) (UGC Indexed) (Scopus Indexed).
582. Vishu Mehra, Isha Lumb, Amit Anand and Vipan Kumar (2017), Recent Advances in Synthetic facets of Immensely Reactive Azetidines, RSC Advances, Vol.7, pp 45763-45783. (Impact Factor: 2.93) (UGC Indexed) (Scopus Indexed).
583. Amandeep Singh, Albertus Viljoen, Laurent Kremer & Vipan Kumar (2017), Azide–Alkyne Cycloaddition en route to 4-Aminoquinoline–Ferrocenylchalcone Conjugates: Synthesis and anti-TB evaluation, Future Medicinal Chemistry, Issue.15, Vol.9, pp1701-1708. (Impact Factor: 3.9) (UGC Indexed) (Scopus Indexed).
584. Sumit Kumar, Anu Saini, Jiri Gut, Philip J.Rosenthal, Raghu Raj, Vipan Kumar (2017), 4-Aminoquinoline-chalcone/-N-acetylpyrazoline conjugates: Synthesis and Antiplasmodial Evaluation, European Journal of Medicinal Chemistry, Vol.138, pp 993-1001. (Impact Factor: 4.81) (UGC Indexed) (Scopus Indexed).
585. Vipan Kumar, Karam Chand, Erik Chorell, (2017), 5.Synthesis of various N-substituted 4-aryloxy/thiophenoxy/thioisopropoxy-phthalimides, Chemistry Select, Vol.2, pp 3293-3296. (Impact Factor: 1.50) (UGC Indexed) (Scopus Indexed).
586. Amandeep Singh, Shalini, Harleen Kaur, Palak Sharma, Amit Anand, Vipan Kumar, (2017), β -Lactam-Synthon-Interceded Metal/Acid-Free Diastereoselective Access to Highly Functionalized Oxazol-5-ones and Dihydroimidazoles, Synlett , Vol.28, pp 2642-2646. (Impact Factor: 2.3) (UGC Indexed) (Scopus Indexed).
587. Anu Rani, Albertus Viljoen, Sumanjit, Laurent Kremer, Vipan Kumar, (2017), Microwave-Assisted Highly Efficient Route to 4-Aminoquinoline-Phthalimide Conjugates: Synthesis and Anti-Tubercular Evaluation, Chemistry Select, Vol.2, pp 10782-10785. (Impact Factor: 1.50) (UGC Indexed) (Scopus Indexed).
588. Sumit Kumar, Amandeep Singh, Kewal Kumar, Vipan Kumar (2017), Recent Insights in to Synthetic?-Carbolines with Anticancer Activities, European Journal of Medicinal Chemistry, Vol.142, pp 48-73. (Impact Factor: 4.81) (UGC Indexed) (Scopus Indexed).
589. Nagaraju Kerru, Parvesh Singh, Neil Koorbanally, Raghu Raj, Vipan Kumar, (2017), Recent Advances (2015-16) in Anticancer Hybrids, European Journal of Medicinal Chemistry, Vol.142, pp 179-212. (Impact Factor: 4.81) (UGC Indexed) (Scopus Indexed).

590. Saini, S., Kaur, I., Katnoria, J.K. (2017), Potential of *Saccharomyces Cerevisiae* Flocculent Strain to Biosorb Copper and cadmium ions from Aqueous Solution, Desalination and Water Treatment, Issue. 1, Vol.83, pp 111-122. (Impact Factor: 1.383) (UGC Indexed) (Scopus Indexed).
591. Sharma, S., Kaur, I., Nagpal, A.K. (2017), Assessment of Arsenic Content in Soil, Rice Grains and Groundwater and Associated Health Risks in Human Population from Ropar Wetland, India, and its Vicinity, Environmental Science and Pollution Research, Issue. 23, Vol.24, pp 18836-18848. (Impact Factor: 2.800) (UGC Indexed) (Scopus Indexed).
592. Nasarul Islam, Swapandeep Singh Chimni (2017), Geometrical Structure and Nonlinear Response Variations of Metal ($M = Ni^{2+}$, Pd^{2+} , Pt^{2+}) Octaphyrin Complex Derivatives: A DFT Study, *J Coordination Chemistry*, Issue. 7, Vol.70, pp 1221-1236. (Impact Factor: 1.703) (UGC Indexed) (Scopus Indexed).
593. Jasneet Kaur, Anita Kumari, Vimal K. Bhardwaj, Swapandeep Singh Chimni (2017), Chiral Squaramide Catalyzed Highly Enantioselective Decarboxylative Addition of β -ketoacids to isatin imine, *Adv. Synth. Cat.*, Issue. 10, Vol.359, pp 1725-1734. (Impact Factor: 5.123) (UGC Indexed) (Scopus Indexed).
594. J. Kaur, N. Islam, A. Kumar & S. S. Chimni (2017), Experimental and DFT Studies of Organocatalytic Microwave Assisted Reaction of Isatin Derivatives with Dinitrotoluene, *Asian J. Org. Chem.*, Issue. 5, Vol.6, pp 575-582. (Impact Factor: 2.496) (UGC Indexed) (Scopus Indexed).
595. J. Kaur, A. Kumari & S. S. Chimni (2017), Grinding Assisted, column chromatography free Decarboxylative Carbon-Carbon Bond Formation: Greener Synthesis of 3, 3-disubstituted Oxindoles, *Tetrahedron*, Issue. 6, Vol.73, pp 802-808. (Impact Factor: 2.377) (UGC Indexed) (Scopus Indexed).
596. Priya Saini, Naveen Kumar, Shadil Ibrahim Wani, Shilpi Sharma, Swapandeep Singh Chimni, Dipti Sareen (2017), Bioresolution of Racemic Phenyl Glycidyl ether by a Putative Recombinant Epoxide hydrolase from *Streptomyces griseus* NBRC 13350, *World J Microbiol Biotechnol*, Issue. 5, Vol.33, pp 1-15. (Impact Factor: 2.100) (UGC Indexed) (Scopus Indexed).
597. N. Islam & S. S. Chimni (2017), Binding and Selectivity of phenazino-18-crown-6-ether with alkali, Alkaline Earth and Toxic Metal Species: A DFT study, *J Molecular Structure*, Vol.1130, pp 781-790. (Impact Factor: 2.011) (UGC Indexed) (Scopus Indexed).
598. N. Islam & S. S. Chimni (2017), Spectral and optoelectronic studies on 7, 12, 17-trioxa and 7, 12, 17-trithia [11] helicenes: A DFT View, *Indian Journal of Physics*, Issue. 8, Vol.91, pp 915-924. (Impact Factor: 0.967) (UGC Indexed) (Scopus Indexed).
599. Damanjit kaur, Geetanjali Chopra, Rajinder Kaur (2017), Can THF hydrogen bond to Glycine as strong as water?, *Can. J. Chem.*, Issue. 6, Vol.95, pp 664-673 (Scopus Indexed).
600. Neha Chopra, Damanjit Kaur, Geetanjali Chopra (2017), Hydrogen Bonded Complexes of oxazole family: Electronic Structure, Stability, and Reactivity Aspects, *Structural Chemistry*. (Scopus Indexed).
601. Damanjit Kaur, Rajinder Kaur, Geetanjali Chopra (2017), Comparison of hydrogen- and halogen-bonding interactions in the complexes of the Substituted Carbonyl Compounds with Hypohalous Acids and Monohaloamines, *Structural Chemistry*. (Scopus Indexed).
602. Ritu Bala, Jagriti Behal, Varinder Kaur, Subheet Kumar Jain, Riveka Rani, Rajesh Kumari Manhas, Vinit Prakash (2017), Sonochemical Synthesis, Characterization, Antimicrobial Activity and Textile Dyeing behavior of Nano-Sized Cobalt(III) Complexes, *Ultrasonics Sonochemistry* (Elsevier), Issue. March, Vol.35 (A), pp 294-303. (Scopus Indexed).
603. Saurabh Garg, Munish Arora, Gagandeep Kataria, Sandeep Singh Billowria, Varinder Kaur (2017), Color Evaluation of Wool and Silk Fabrics using Microbial Sludge from Actinomycete Bacteria, *International Journal of Engineering and Innovative Technology*, Issue. 5, Vol.7, 35-38 (Scopus Indexed).

604. Banipal P.K., Sharma M., Banipal T.S. (2017), Solvation Behavior and Sweetness Response of Carbohydrates, their derivatives and Sugar Alcohols in thiamine HCl (vitamin B1) and Pyridoxine HCl (vitamin B6) at Different Temperatures, *Food Chemistry*, Vol.237, pp 181-190. (Impact Factor: 4.946) (UGC Indexed) (Scopus Indexed).
605. Kaur A., Banipal P.K., Banipal T.S. (2017), Local Anesthetic-Bovine Serum Albumin Interactional Behaviour: Characterization by Volumetric, Calorimetric, and Spectroscopic Methods, *Journal of Molecular Liquids*, Vol.243, pp 91-101. (Impact Factor: 4.153) (UGC Indexed) (Scopus Indexed).
606. Banipal P.K., Arti S., Banipal T.S. (2017), Volumetric, viscometric and ^1H NMR Spectroscopic Studies in (polyhydroxy solute $\text{A} + \text{CTAB} + \text{H}_2\text{O}$) Ternary Solutions, *Journal of Chemical Thermodynamics*, Vol.112, pp 13-22. (Impact Factor: 2.631) (UGC Indexed) (Scopus Indexed).
607. Arti S., Banipal T.S., Banipal P.K. (2017), Understanding the Interactions of Polyhydroxy Solutes with Ammonium Salts in Aqueous Solutions via Calorimetric and Spectroscopic Studies at different temperatures, *Journal of Molecular Liquids*, Vol.242, pp 1199-1207. (Impact Factor: 4.153) (UGC Indexed) (Scopus Indexed).
608. Banipal T.S., Kaur R., Banipal P.K. (2017), Interactions of diazepam with Sodium Dodecylsulfate and Hexadecyl Trimethyl Ammonium Bromide: Conductometric, UV-visible spectroscopy, fluorescence and NMR studies, *Journal of Molecular Liquids*, Vol.236, pp 331-337. (Impact Factor: 4.153) (UGC Indexed) (Scopus Indexed).
609. Banipal T.S., Kaur H., Banipal P.K. (2017), Studies on the Binding Ability of Diclofenac Sodium to Cationic Surfactants Micelles in Aqueous Ethanol Solutions: Calorimetric, Spectroscopic, and Light Scattering Approach, *Journal of Thermal Analysis and Calorimetry*, Issue. 1, Vol.128, pp 501-511. (Impact Factor: 2.209) (UGC Indexed) (Scopus Indexed).
610. Kaur A., Banipal P.K., Banipal T.S. (2017), Study on the Interactional Behaviour of Transition Metal ions with Myoglobin: A Detailed Calorimetric, Spectroscopic and Light Scattering Analysis, *Spectrochimica Acta-Part A: Molecular and Biomolecular Spectroscopy*, Vol.174, pp 236-244. (Impact Factor: 2.88) (UGC Indexed) (Scopus Indexed).
611. Banipal T.S., Kaur A., Banipal P.K. (2017), Physicochemical Aspects of the Energetics of Binding of Sulphanilic Acid with Bovine Serum Albumin, *Spectrochimica Acta- Part A: Molecular and Biomolecular Spectroscopy*, Vol.170, pp 214-225. (Impact Factor: 2.88) (UGC Indexed) (Scopus Indexed).
612. P. K. Banipal, V. Singh, N. Kaur, R. Sharma, S. Thakur, M. Kaur, T. S. Banipal (2017), Physico-Chemical Studies on Binary Mixtures of 1,4-Dioxane and Alkan-1-ols at 298.15 K, *Proc. Natl. Acad. Sci., India, Sect. A Phys. Sci.*, pp 1-12 (Impact Factor: 0.754) (UGC Indexed) (Scopus Indexed).
613. Kamaldeep Sharma, Manoj Kumar, and Vandana Bhalla (2017), Supramolecular Ensemble of Aggregates of Pentacenequinone Derivative and Cadmium NPs: A Potential Catalytic/Photocatalytic System for Direct C-H Activation of Quinones and Azoles, *Chemistry Select*, Issue. 2, Vol.2, pp 680-68. (Scopus Indexed).
614. Shahi Imam Reja, Muskan Gupta, Neha Gupta, Vandana Bhalla, Puja Ohri, Gurcharan Kaur and Manoj Kumar (2017), A lysosome targetable fluorescent probe for endogenous imaging of hydrogen peroxide in living cells, *Chem. Commun.*, Issue. 26, Vol.53, pp 3701-3704 (Scopus Indexed).
615. Mandeep Kaur, Subhamay Pramanik, Manoj Kumar, Vandana Bhalla (2017), Encapsulated Bimetallic Au-Fe₃O₄ Nano-Hybrid Materials: A Potential Tandem Photocatalytic System for Non-Directed C(sp₂)-H Activation for the Synthesis of Quinoline Carboxylates, *ACS Catalysis*, Issue. 3, Vol.7, pp 2007-2021 (Scopus Indexed).

616. Neetu Sharma, Shahi Imam Reja, Neha Gupta, Vandana Bhalla, Davinder Kaur, Saroj Arora, and Manoj Kumar (2017), A highly selective fluorescent probe for Fe³⁺ in living Ccells: A Stress Induced Cell based Model Study, *Org. Biomol. Chem.*, Issue. 4, Vol.15, pp 1006-1012. (Scopus Indexed).
617. Meenal Kataria, Manoj Kumar and Vandana Bhalla (2017), Supramolecular Ensemble of Tetraphenylcyclopentadienone Derivative and HgO nanoparticles: A One-Pot Approach for the Synthesis of Quinoline and Quinolone Derivative, *Chemistry Select*, Issue. 10, Vol.2, pp 3018-3027. (Scopus Indexed).
618. Preet Kamal Walia, Manoj Kumar and Vandana Bhalla (2017), Tailoring of Hetero–oligophenylenes Stabilized Nanohybrid Materials: Potential Tandem Photo-Promoted Systems for C–C and C–X Bond Formation Reactions via C–H Activation, *Chemistry Select*, Issue. 13, Vol.2, pp 3758-3768. (Scopus Indexed).
619. Neha Gupta, Shahi Imam Reja, Vandana Bhalla and Manoj Kumar (2017), Fluorescent probes for hydrogen polysulfides (H₂S_n, n > 1): from design rationale to Applications, *Org. Biomol. Chem.*, Issue. 32, Vol.15, pp 6692-6701. (Scopus Indexed).
620. Shahi Imam Reja, Neetu Sharma, Muskan Gupta, Payal Bajaj, Vandana Bhalla, Ripu D. Parihar, Puja Ohri, Gurcharan Kaur, Manoj Kumar (2017), A Highly Selective Fluorescent Probe for Detection of Hydrogen Sulfide in Living Systems: In Vitro and in Vivo Applications, *Chemistry: A European Journal*, Issue. 41, Vol.23, pp 9872-9878. (Scopus Indexed).
621. Subhamay Pramanik, Vandana Bhalla and Manoj Kumar (2017), Hexaphenylbenzene-based fluorescent aggregates for detection of Zinc and Pyrophosphate ions in Aqueous Media: Tunable Self-Assembly behaviour and construction of a Logic Device, *New J. Chem.*, Issue. 12, Vol.41, pp 4806-4813. (Scopus Indexed).
622. Gurpreet Singh, Shahi Imam Reja, Vandana Bhalla, Davinder Kaur, Pardeep Kaur, Saroj Arora, Manoj Kumar (2017), Hexaphenylbenzene appended AIEE active FRET based fluorescent probe for selective imaging of Hg²⁺ ions in MCF-7 cell lines, *Sensors and Actuators B: Chemical*, Issue. October 2017, Vol.249, pp 311-320. (Scopus Indexed).
623. Subhamay Pramanik, Harnimarta Deol, Vandana Bhalla and Manoj Kumar (2017), AIEE Active Donor–Acceptor–Donor-Based Hexaphenylbenzene Probe for Recognition of Aliphatic and Aromatic Amines, *ACS Appl. Mater. Interfaces*, DOI: 10.1021/acsami.7b09791. (Scopus Indexed).
624. Neha Gupta, Taranjeet Kaur, Vandana Bhalla, Ripu D. Parihar, Puja Ohri, Gurcharan Kaur and Manoj Kumar (2017), A Naphthalimide-based solid state Luminescent probe for Ratiometric Detection of Aluminum ions: in Vitro and in Vivo Applications, *Chem Commun.*, Issue. 94, Vol.53, pp 12646-12646. (Scopus Indexed).
625. Banipal P.K., Sharma M., Banipal T.S. (2017), Solvation behavior and Sweetness Response of Carbohydrates, their derivatives and Sugar Alcohols in Thiamine HCl (vitamin B1) and Pyridoxine HCl (vitamin B6) at Different Temperatures, *Food Chemistry*, Vol.237 pp 181-190. (Impact Factor: 4.946) (UGC Indexed) (Scopus Indexed).
626. Kaur A., Banipal P.K., Banipal T.S. (2017), Local anesthetic-bovine Serum Albumin Interactional behaviour: Characterization by Volumetric, Calorimetric, and Spectroscopic Methods, *Journal of Molecular Liquids*, Vol.243, 91-101 (Impact Factor: 4.153) (UGC Indexed) (Scopus Indexed).
627. Arti S., Banipal T.S., Banipal P.K. (2017), Understanding the Interactions of Polyhydroxy Solutes with Ammonium Salts in Aqueous Solutions via Calorimetric and Spectroscopic Studies at different Temperatures, *Journal of Molecular Liquids*, Vol.242, pp 1199-1207. (Impact Factor: 4.153) (UGC Indexed) (Scopus Indexed).
628. Banipal T.S., Kaur R., Banipal P.K. (2017), Interactions of Diazepam with Sodium Dodecylsulfate and Hexadecyl Trimethyl Ammonium Bromide: Conductometric, UV-visible Spectroscopy, Fluorescence

- and NMR studies, *Journal of Molecular Liquids*, Vol.236, pp 331-337. (Impact Factor: 4.153) (UGC Indexed) (Scopus Indexed).
629. Banipal T.S., Kaur H., Banipal P.K. (2017), Studies on the Binding Ability of Diclofenac Sodium to Cationic Surfactants Micelles in Aqueous Ethanol Solutions: Calorimetric, Spectroscopic, And Light Scattering Approach, *Journal of Thermal Analysis and Calorimetry*, Issue.1, Vol.128, pp 501-511. (Impact Factor: 2.209) (UGC Indexed) (Scopus Indexed).
630. Kaur A., Banipal P.K., Banipal T.S. (2017), Study on the Interactional Behaviour of Transition Metal ions with Myoglobin: A detailed Calorimetric, Spectroscopic and Light Scattering Analysis, *Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy*, Vol.174, pp 236-244. (Impact Factor: 2.88) (UGC Indexed) (Scopus Indexed).
631. Banipal T.S., Kaur A., Banipal P.K. (2017), Physicochemical aspects of the Energetics of binding of Sulphanilic Acid with Bovine Serum Albumin, *Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy*, Vol.170, pp 214-225. (Impact Factor: 2.88) (UGC Indexed) (Scopus Indexed).
632. Banipal P.K., Arti S., Banipal T.S. (2017), Volumetric, Viscometric and ^1H NMR Spectroscopic Studies in (polyhydroxy solute + CTAB + H₂O) ternary solutions, *Journal of Chemical Thermodynamics*, Vol.112, pp 13-22 (Impact Factor: 2.631) (UGC Indexed) (Scopus Indexed).
633. Palwinder Singh, Sukhmeet Kaur, Anuradha Sharma, Gurcharan Kaur, Rajbir Bhatti (2017), TNF-a and IL-6 inhibitors: Conjugates of N-substituted indole and Aminophenylmorpholin-3-one as anti-Inflammatory Agents, *Eur. J. Med. Chem.*, Issue. 10 November, Vol.140, pp 92-103. (Scopus Indexed).
634. Harbinder Singh, Jatinder Vir Singh, Manish K. Gupta, Palwinder Singh, Sahil Sharma, Kunal Nepali, Preet Mohinder S. Bedi (2017), Benzoflavones as Cholesterol Esterase Inhibitors: Synthesis, Biological Evaluation and Docking Studies, *Bioorg. Med. Chem. Lett.*, Issue. 4, Vol.27, pp 850-854. (Scopus Indexed).
635. Gagandeep Singh, Gurjit Singh, Rajbir Bhatti, Vivek Gupta, Ajay Mahajan, Palwinder Singh, Mohan Paul Singh Ishar (2017), Rationally Designed Benzopyran Fused Isoxazolidines and derived β 2,3,3-amino alcohols as Potent Analgesics: Synthesis, Biological Evaluation and Molecular Docking Analysis, *Eur J Med Chem.*, Issue. 15 February, Vol.127, pp 210-222. (Scopus Indexed).
636. Anu Rani, Albertus Viljoen, Sumanjit, Laurent Kremer, and Vipan Kumar (2017), Microwave Assisted Highly Efficient Route to 4Aminoquinoline Phthalimide Conjugates: Synthesis and AntiTubercular Evaluation, *Chemistry Select*, Vol.2, pp 10782-10785. (Scopus Indexed).
637. Tarlok S. Lobana, Amanpreet K. Sandhu, Geeta Hundal, Sushil K. Gupta, Ray J. Butcher, Alfonso Castineiras (2017), Dinuclear PdII/PtII complexes [M₂(phosphine)_n(thio-ligand)₃]Cl incorporating N, S-bridged pyridine-2-thiolate and benzimidazole-2-thiolate, *Polyhedron*, Issue. 8, Vol.127, pp 25-35. (Scopus Indexed).
638. Isha Lumb, Balkaran Singh Sran, Henna Sood, Daljit Singh Arora, Geeta Hundal (2017), Coordination Chemistry of Cu(II), Co(II), Zn(II), Ag(I) Complexes of Isomeric Pyridine 2- and 4- carboxamides and their Biological Activity Evaluation, *Polyhedron*, Vol.127, pp 153-166. (Scopus Indexed).
639. Vinny Mehra, Amreen Kaur Bains, Geeta Hundal , Tarlok S. Lobana (2017), Transformation of 1,3-imidazolidine-2-thione (SC₃H₆N₂) into (SC₃H₄N₂-O-N₂C₃H₄S)₂- dianion chelated in [Pd{?3-S, O, S-(SC₃H₄N₂-O-N₂C₃H₄S)}(PPh₃)].CH₃CN, *J. Chem Sci.*, Issue. 3, Vol.129, pp 359-363. (Scopus Indexed).
640. Jaspreet K. Aulakh, Tarlok S. Lobana, Henna Sood, Daljit S. Arora, Isabel Garcia-Santos, Geeta Hundal, Manpreet Kaur, Victoria A. Smolenski , Jerry P. Jasinski (2017), Variable coordination and C–S bond cleavage activity of N-substituted imidazolidine-2-thiones towards Copper: Synthesis, Spectroscopy, Structures, ESI-mass and Antimicrobial Studies, *Dalton Trans.*, Vol.46, pp 1324-1339. (Scopus Indexed).

641. Anshul Kumar Sharma, Aman Mahajan, Rajan Saini, R.K.Bedi, Subodh Kumar, A.K. Debnath, (2017), Reversible and Fast Responding ppb level Cl₂ sensor based on noncovalent Modified Carbon Nanotubes with Hexadecafluorinated Copper Phthalocyanine, Sensors & Actuators: B , Vol.255, pp 87-99. (Scopus Indexed).
642. Anshul Kumar Sharma, Aman Mahajan, R. K. Bedi, Subodh Kumar, A. K. Debnath, D. K. Aswal, (2017), Non-covalently Anchored Multi-Walled Carbon Nanotubes with Hexa-Decafluorinated Zinc Phthalocyanine as ppb level Chemiresistive Chlorine Sensor, Applied Surface Science, A, Vol.427, pp 202-209. (Scopus Indexed).
643. Prabhpreet Singh, Lalit Singh Mittal, Harminder Singh, Gaurav Bhargava and Subodh Kumar, (2017), Perylene diimide-based Organic p-motif for Differentiating CN- and F- ions by Electron Transfer and Desilylation Mechanisms: Applications to Complex Logic Circuits, New J. Chem, Vol.41, pp 10281-10290. (Scopus Indexed).
644. Neetu Tripathi, Prabhpreet Singh, Subodh Kumar, (2017), Dynamic fluorescence quenching by 2,4,6-Trinitrophenol in voids of Aggregation Induced Emission based Fluorescent Probe, New J. Chem., Vol.41, pp 8739-8747. (Scopus Indexed).
645. Neetu Tripathi, Rahul Kumar, Prabhpreet Singh, Subodh Kuma (2017), Ratiometric fluorescence “Turn On” probe for fast and Selective Detection of TNT in Solution, Solid and Vapour, Sensors & Actuators: B, Vol.246, pp 1001-1010. (Scopus Indexed).
646. Prabhpreet Singh, Lalit Singh Mittal, Gaurav Bhargava, Subodh Kumar (2017), Ionic Self-assembled Platform of Perylenediimide–Sodium dodecylsulfate for Detection of Spermine in Clinical Samples, Chem. Asian J. 2017, Vol.12, pp 890-899. (Scopus Indexed).
647. Prabhpreet Singh, Harminder Singh, Gaurav Bhargava, Subodh Kumar (2017), To kill many birds with one stone’: Addressing half-adder, half-subtractor, demultiplexer, 2-to-4 Decoder, Comparator, Keypad lock with Unimolecular System, Sensors & Actuators: B, Issue. 0, Vol.245, pp 1004-1014. (Scopus Indexed).
648. Rahul Kumar, Sana Sandhu, Prabhpreet Singh, Subodh Kumar (2017), Imidazolium based probes for Recognition of Biologically and Medically Relevant Anions, The Chemical Record, Vol.17, pp 441-471. (Scopus Indexed).
649. Prabhpreet Singh, Lalit Singh Mittal, Sandeep Kaur, Satwinderjit Kaur, Gaurav Bhargava, Subodh Kumar (2017), Self-assembled Small Molecule based Fluorescent Detection of Serum Albumin Proteins: Clinical Detection and Cell Imaging, Sensors & Actuators: B, Vol.246, pp 478-489. (Scopus Indexed).
650. Kamaldeep Sharma, Manoj Kumar, and Vandana Bhalla (2017), Supramolecular Ensemble of Aggregates of Pentacenequinone Derivative and Cadmium NPs: A Potential Catalytic/Photocatalytic System for Direct C-H Activation of Quinones and Azoles, Chemistry Select, Issue. 2, Vol.2, pp 680-687. (Scopus Indexed).
651. Shahi Imam Reja, Muskan Gupta, Neha Gupta, Vandana Bhalla, Puja Ohri, Gurcharan Kaur and Manoj Kumar (2017), A lysosome Targetable Fluorescent Probe for Endogenous Imaging of Hydrogen Peroxide in living cells, Chem. Commun., Issue. 26, Vol.53, pp 3701-3704. (Scopus Indexed).
652. Mandeep Kaur, Subhamay Pramanik, Manoj Kumar, Vandana Bhalla (2017), Encapsulated Bimetallic Au-Fe₃O₄ Nano-Hybrid Materials: A Potential Tandem Photocatalytic System for Non-Directed C(sp₂)-H Activation for the Synthesis of Quinoline Carboxylates, ACS Catalysis, Issue. 3, Vol.7, pp 2007-2021. (Scopus Indexed).
653. Neetu Sharma, Shahi Imam Reja, Neha Gupta, Vandana Bhalla, Davinder Kaur, Saroj Arora, and Manoj Kumar (2017), A highly Selective Fluorescent probe for Fe³⁺ in living Ccells: A stress induced cell based model study, Org. Biomol. Chem, Issue. 4, Vol.15, pp 1006-1012. (Scopus Indexed).

654. Preet Kamal Walia, Manoj Kumar, and Vandana Bhalla (2017), Tailoring of Hetero-oligophenylene Stabilized Nanohybrid Materials: Potential Tandem Photo-Promoted Systems for C–C and C–X Bond Formation Reactions via C–H Activation, *Chemistry Select*, Issue. 13, Vol.2, pp 3758-3768 (Scopus Indexed).
655. Meenal Kataria, Manoj Kumar, and Vandana Bhalla (2017), Supramolecular Ensemble of Tetraphenylcyclopentadienone Derivative and HgO nanoparticles: A One-Pot Approach for the Synthesis of Quinoline and Quinolone Derivatives, *Chemistry Select*, Issue. 10, Vol.2, pp 3018-3027. (Scopus Indexed).
656. Neha Gupta, Shahi Imam Reja, Vandana Bhalla and Manoj Kumar (2017), Fluorescent probes for Hydrogen Polysulfides (H_2Sn , $n > 1$): from Design Rationale to Applications, *Org. Biomol. Chem.*, Issue. 32, Vol.15, pp 6692-6701. (Scopus Indexed).
657. Subhamay Pramanik, Manoj Kumar and Vandana Bhalla (2017), Hexaphenylbenzene-based Fluorescent Aggregates for detection of Zinc and Pyrophosphate ions in Aqueous Media: Tunable Self-Assembly behaviour and Construction of a logic device, *New Journal of Chemistry*, Issue. 12, Vol.41, pp 4806-4813. (Scopus Indexed).
658. Shahi Imam Reja, Neetu Sharma, Muskan Gupta, Payal Bajaj, Vandana Bhalla, Ripu D. Parihar, Puja Ohri, Gurcharan Kaur, Manoj Kumar (2017), A Highly Selective Fluorescent Probe for Detection of Hydrogen Sulfide in Living Systems: In Vitro and in Vivo Applications, *Chemistry: A European Journal*, Issue. 41, Vol.23, pp 9872-9878. (Scopus Indexed).
659. Subhamay Pramanik, Harnimarta Deol, Vandana Bhalla and Manoj Kumar (2017), AIEE Active Donor-Acceptor-Donor-Based Hexaphenylbenzene Probe for Recognition of Aliphatic and Aromatic Amines, *ACS Appl. Mater. Interfaces* 10.1021/acsami.7b09791. (Scopus Indexed).
660. Gurpreet Singh, Shahi Imam Reja, Vandana Bhalla, Davinder Kaur, Pardeep Kaur, Saroj Arora and Manoj Kumar (2017), Hexaphenylbenzene appended AIEE active FRET based Fluorescentprobe for Selective Imaging of Hg^{2+} ions in MCF-7 cell lines, *Sensors and Actuators B: Chemical*, Issue. October 2017, Vol.249, pp 311-320. (Scopus Indexed).
661. Neha Gupta, Taranjeet Kaur, Vandana Bhalla, Ripu D. Parihar, Puja Ohri, Gurcharan Kaur and Manoj Kumar (2017), A Naphthalimide Based Solid State Luminescent Probe for Ratiometric Detection of Aluminum Ions: in vitro and in vivo Applications, *chem. commun.*, 10.1039/C7CC07996F, Issue. 94, Vol.53, pp 12646-12649. (Scopus Indexed).
662. J Sharma, BH Bhat, A Kumar, S Kumar, T Kaur, B Want, AK Srivastava (2017), Magnetic and dielectric properties of Ce–Co substituted BiFeO₃ Multiferroics, *Materials Research Express*, Issue. 3, Vol.4, pp 36104-36104 (Scopus Indexed)
663. J Sharma, A Kumar, S Kumar, AK Srivastava (2017), Investigation of Structural and Magnetic Properties of Tb–Ni-doped Bismuth Ferrite Nanoparticles by auto-combustion method, *Applied Physics A*, Issue. 8, Vol.123, pp 522-522 (Scopus Indexed).
664. Talwinder Kaur, Jyoti Sharma, Sachin Kumar, and Ajeet K. Srivastava (2017), Optical and Multiferroic Properties of Gd-Co Substituted Barium Hexaferrite, *Crystal Research & Technology*, Issue. 9, Vol.52, 1700098-1700098 (Scopus Indexed).
665. Ritu Bala, Jagriti Behal, Varinder Kaur, Subheet Kumar Jain, Riveka Rani, Rajesh Kumari Manhas, Vinit Prakash (2017), Sonochemical Synthesis, Characterization, Antimicrobial Activity and Textile Dyeing behavior of nano-sized cobalt(III) complexes, *Ultrasonics Sonochemistry*, Issue. A, Vol.35, pp 294-303 (Scopus Indexed).

FOOD SCIENCE AND TECHNOLOGY

666. Naincy Parmar, Narinder Singh, Amritpal Kaur, Amardeep Singh Virdi, and Khetan Shevkani. (2017), Protein and Microstructure Evaluation of harder-to-cook and easy-to-cook grains from Different Kidney Bean Accession, LWT-Food Science and Technolog , Issue. June, Vol.79, pp 1023-1034 (Impact Factor: 3.12) (UGC Indexed) (Scopus Indexed).
667. Atinder Ghuman, Narinder Singh and Amritpal Kaur. (2017), Chemical, Nutritional, Antioxidant and Phenolic Composition of Wheatgrass and Pulse Shoots, International Journal of Food Science and Technology, Issue. 10, Vol.52, 2191-2200 (Impact Factor: 2.38) (UGC Indexed) (Scopus Indexed).
668. Naincy Parmar, Narinder Singh, Amritpal Kaur and Sheetal Thakur (2017), Comparison of color, anti-nutritional factors, minerals, phenolic profile and protein digestibility between hard-to-cook and easy-to-cook grains from different kidney bean (*Phaseolus vulgaris*) accessions, Journal of Food Science and Technology, Issue. 4, Vol.54, pp 1023-1034. (Impact Factor: 1.79) (UGC Indexed) (Scopus Indexed).
669. Narinder Singh, Navneet Kaur, Mehak Katyal, Amritpal Kaur and Khetan Shevkani (2017), Characteristics of starch separated from coarse and fine flour fractions obtained from hard, medium-hard and soft Indian wheat cultivars, Starch/Starke, Issue. 1-2, Vol.69, pp 1-9. (Impact Factor: 2.17) (UGC Indexed) (Scopus Indexed).
670. Barinderjit Singh, Narinder Singh, Sheetal Thakur and Amritpal Kaur (2017), Ultrasound assisted Extraction of Polyphenols and their distribution in Whole Mung Bean, hull and cotyledon, Journal of Food Science and Technology, Issue. 4, Vol.54, pp 921-932. (Impact Factor: 1.79) (UGC Indexed) (Scopus Indexed).
671. Parmeet Kaur, Priyanka Pal, Amardeep Singh Virdi, Amritpal Kaur, Narinder Singh, and Gulshan Mahajan (2017), Protein and Starch Characteristics of Milled Rice from different cultivars affected by transplantation date, Journal of Food Science and Technology , Issue. 8, Vol.53, pp 3186-3196. (Impact Factor: 1.79) (UGC Indexed) (Scopus Indexed).
672. Mehak Katyal , Narinder Singh, Amardeep Singh Virdi, Amritpal Kaur, Nidhi Chopra, Arvind Kumar Ahlawat, Anju Mahendru Singh (2017), Extraordinarily soft, medium-hard and hard Indian wheat varieties: Composition, Protein Profile, dough and Baking Properties, Food Research International, Issue. 2, Vol.100, pp 306-317. (Impact Factor: 3.52) (UGC Indexed) (Scopus Indexed).
673. Balwinder Singh, Jatinder Pal Singh, Amritpal Kaur, Narinder Singh (2017), Phenolic composition and antioxidant potential of grain legume seeds: A review, Food Research International, Issue. Nov, Vol.101, pp 1-16. (Impact Factor: 3.52) (UGC Indexed) (Scopus Indexed).
674. Balwinder Singh, Jatinder Pal Singh, Amritpal Kaur, Narinder Singh (2017), Saponins in Pulses and their Health Promoting Activities: A Review, Food Chemistry, Issue 15, Vol.233, pp 540-549. (Impact Factor: 4.94) (UGC Indexed) (Scopus Indexed).
675. Balwinder Singh and Amritpal Kaur (2017), Control of insect pests in crop plants and stored food grains using plant saponins: A review, LWT - Food Science and Technology, Issue. Jan 2018, Vol.87, pp 93-101 (Impact Factor: 3.12) (UGC Indexed) (Scopus Indexed).
676. Khetan Shevkani, Narinder Singh, Ritika Bajaj, Amritpal Kaur (2017), Wheat starch production, structure, functionality and applications: A Review, International Journal of Food Science and Technology, Issue. 1, Vol.52, pp 38-58. (Impact Factor: 2.38) (UGC Indexed) (Scopus Indexed).
677. Sheetal Thakur, Narinder Singh, Amritpal Kaur, Baljit Singh (2017), Effect of Extrusion on Physicochemical Properties, Digestibility, and Phenolic Profiles of Grit Fractions Obtained from Dry Milling of Normal and Waxy Corn, Journal of Food Science, Issue. 5, Vol.82, 1101-11089. (Impact Factor: 2.01) (UGC Indexed) (Scopus Indexed).

678. Balwinder Singh, Jatinder Pal Singh, Khetan Shevkani, Narpinder Singh and Amritpal Kaur (2017), Bioactive Constituents in Pulses and their Health Benefits, *Journal of Food Science and Technology*, Issue. 4, Vol.54, pp 858-870. (Impact Factor: 1.79) (UGC Indexed) (Scopus Indexed).
679. Rajwinder Kaur, Maninder Kaur and Balmeet Singh Gill (2017), Phenolic acid composition of flaxseed cultivars by ultra-performance liquid chromatography (UPLC) and their Antioxidant Activities: Effect of Sand Roasting and Microwave Heating, *Journal of Food Processing and Preservation*, Issue.5, Vol. 41, pp 1-8. (Impact Factor: 1.51) (UGC Indexed) (Scopus Indexed).
680. Maninder Kaur, Rajwinder Kaur, Balmeet Singh Gill (2017), Mineral and Amino Acid contents of Different Flaxseed Cultivars in relation to its Selected Functional Properties, *Journal of Food Measurement and Characterization*, Issue. 2, Vol.11, 500-511. (Impact Factor: 1.181) (UGC Indexed) (Scopus Indexed).
681. Maninder Kaur and Sukriti Singh (2017), Physical characteristics of different oat cultivars-Influence on Pasting, Functional and Antioxidant Properties, *Quality Assurance and safety of crops and foods*, Issue. 3, Vol.9, pp 285-293. (Impact Factor: 0.558) (UGC Indexed) (Scopus Indexed).
682. Brij Lal Karwasra, Balmeet Singh Gill, Maninder Kaur, Harpreet Kaur (2017), Indian Wheat (*Triticum aestivum L.*) Cultivars: Physical Characteristics, Micronutrients and Heavy Metal Content, Quality Assurance and Safety of crops and foods, Issue. 3, Vol.9, pp 295-302. (Impact Factor: 0.558) (UGC Indexed) (Scopus Indexed).
683. Maninder Kaur, Varinder Singh, Rajwinder Kaur (2017), Effect of partial replacement of wheat flour with varying levels of flaxseed flour on physicochemical, antioxidant and sensory characteristics of cookies, *Bioactive carbohydrates and Dietary Fiber*, Issue. 1, Vol.9, pp 14-20. (UGC Indexed) (Scopus Indexed).
684. Kawaljit Singh Sandhu, Poonam Godara, Maninder Kaur, Sneh Punia (2017), Effect of toasting on Physical, Functional and Antioxidant Properties of flour from Oat (*Avena sativa L.*) cultivars, *Journal of the Saudi Society of Agricultural Sciences*, Issue. 2, Vol.16, pp 197-203. (UGC Indexed) (Scopus Indexed).
685. Brij Lal Karwasra, Balmeet Singh Gill, Maninder Kaur (2017), Rheological and structural properties of starches from different Indian Wheat Cultivars and their relationships, *International Journal of Food Properties*, Issue. 1, Vol.20, pp 1093-1106. (Impact Factor: 1.845) (UGC Indexed) (Scopus Indexed).
686. Sukriti Singh and Maninder Kaur (2017), Steady and dynamic shear rheology of starches from different oat cultivars in relation to its physicochemical and structural properties, *International Journal of Food Properties*, Issue. 12, Vol.20, pp 3282-3294 (Impact Factor: 1.845) (UGC Indexed) (Scopus Indexed).
687. Maninder Kaur, Rajwinder Kaur, Balmeet Singh Gill (2017), Mineral and Amino Acid contents of different flaxseed cultivars in relation to its selected functional properties, *Journal of Food Measurement and Characterization*, Issue. 11, Vol.2, pp 500-511. (Scopus Indexed).
688. Brij Lal Karwasra, Balmeet Singh Gill, Maninder Kaur, Harpreet Kaur (2017), Indian wheat (*Triticum aestivum L.*) cultivars: physical characteristics, micronutrients and heavy metal content, Quality Assurance and Safety of Crops and Foods, Issue. 9, Vol.3, pp 295-302. (Scopus Indexed).
689. Brij Lal Karwasra, Balmeet Singh Gill, Maninder Kaur, Harpreet Kaur (2017), Influence of Germination Period on Physicochemical, Pasting and Antioxidant Properties Of Indian Wheat Cultivars, *Journal of Food Measurement and Characterization*, Vol.DOI 10.1007/s11694-017-9617. (Scopus Indexed).
690. Brij Lal Karwasra, Balmeet Singh Gill, Maninder Kaur (2017), Rheological and Structural Properties of Starches from different Indian Wheat Cultivars and their relationships, *International Journal of Food Properties*, Vol.DOI: 10.1080/10942912.2017.1328439. (Scopus Indexed).
691. Naincy Parmar, Narpinder Singh*, Amritpal Kaur, Amardeep Singh Virdi, and Khetan Shevkani. (2017), Protein and Microstructure Evaluation of harder-to-cook and easy-to-cook grains from Different Kidney

- Bean Accession, LWT-Food Science and Technology, Issue. June, Vol.79, pp 1023-1034. (Scopus Indexed).
692. Atinder Ghuman, Narpinder Singh* and Amritpal Kaur. (2017), Chemical, Nutritional, Antioxidant and Phenolic Composition of Wheatgrass and Pulse Shoots, International Journal of Food Science and Technology, Issue. 10, Vol.52, pp 2191-2200. (Scopus Indexed).
693. Naincy Parmar, Narpinder Singh*, Amritpal Kaur and Sheetal Thakur (2017), Comparison of Color, anti-Nutritional Factors, Minerals, Phenolic Profile and Protein Digestibility between hard-to-cook and easy-to-cook grains from Different Kidney Bean (*Phaseolus vulgaris*) Accessions, Journal of Food Science and Technology, Issue. 4, Vol.54, pp 1023-1034. (Scopus Indexed).
694. Sheetal Thakur, Narpinder Singh*, Amritpal Kaur, Baljit Singh (2017), Effect of Extrusion on Physicochemical properties, digestibility, and phenolic profiles of grit fractions obtained from dry milling of normal and waxy corn, Journal of Food Science, Issue. Jul, Vol.70, pp 349-357. (Scopus Indexed).
695. Narpinder Singh*, Navneet Kaur, Mehak Katyal, Amritpal Kaur and Khetan Shevkani (2017), Characteristics of starch separated from coarse and fine flour fractions obtained from hard, medium-hard and soft Indian wheat cultivars, Starch/Starke, Issue. 1-2, Vol.69, pp 1-9. (Scopus Indexed).
696. Narpinder Singh (2017), Pulses: An overview, Journal of Food Science and Technology, Issue. 4, Vol.54, pp 853-857 (Scopus Indexed).
697. Khetan Shevkani, Narpinder Singh, Ritika Bajaj, and Amritpal Kaur (2017), Wheat Starch Production, Structure, Functionality and Applications—A Review, International Journal of Food Science and Technology, Issue. 1, Vol.52, pp 38-58. (Scopus Indexed).
698. Balwinder Singh, Jatinder Pal Singh, Narpinder Singh and Amritpal Kaur (2017), Saponins in pulses and their Health Promoting Activities: A review, Food Chemistry, Issue. Oct, Vol.233, pp 540-549. (Scopus Indexed).
699. Mehak Katyal, Narpinder Singh*, Amardeep Singh Virdi, Amritpal Kaur, Nidhi Chopra, Arvind Kumar Ahlawat, Anju Mahendru Singh (2017), Extraordinarily Soft, medium-hard and hard Indian wheat varieties: Composition, Protein Profile, Dough and Baking Properties, Food Research International, Issue. Oct, Vol.100, pp 306-317. (Scopus Indexed).
700. X. Zhong, M. Siddiq, D.S Sogi, B Harte, K.D Dolan, E Almenar (2017), Effect of Microwave Steamable bag design on the preservation of ascorbic acid and Antioxidant Capacity and on the Physical Properties of Cooked Frozen Vegetables: A Case Study on broccoli (*Brassica oleracea*), LWT Food Science and Technology, Issue. 5, Vol.83, pp 165-171. (Scopus Indexed).
701. DPS Oberoi, D.S.Sogi (2017), Moisture Sorption Characteristics of Dehydrated Watermelon (*Citrullus lanatus* Thunb) Pomace Wastes, Journal of Food Processing and Preservation, Issue. 2, Vol.41, pp 1-2. (Scopus Indexed).
702. D.P.S. Oberoi, D.S.Sogi (2017), Prediction of Lycopene Degradation during Dehydration of Watermelon Pomace (cv Sugar Baby), Journal of the Saudi Society of Agricultural Sciences, Issue. 1, Vol.16, 97-103. (Scopus Indexed).
703. I.A Wani, D.S Sogi, A.A Wani, B.S Gill (2017), Physical and Cooking Characteristics of some Indian Kidney Bean (*Phaseolus vulgaris* L.) Cultivars, Journal of the Saudi Society of Agricultural Sciences, Issue. 1, Vol.16, pp 7-15. (Scopus Indexed).
704. Sharma B, Gujral H.S, Solah V. (2017), Effect of incorporating Finger Millet in Wheat Flour on mixolab behavior, Chapatti Quality and Starch Digestibility, Food Chemistry, Issue. -, Vol.231, pp 156-164 (Impact Factor: 4.529) (UGC Indexed) (Scopus Indexed).

705. Moza J, Gujral HS. (2017), Influence of barley non-starchy polysaccharides on Selected Quality Attributes of sponge cakes, LWT - Food Science and Technology, Vol.85, 252-261. (Impact Factor: 2.329) (UGC Indexed) (Scopus Indexed).
706. Moza J, Gujral HS. (2017), Influence of non-starchy polysaccharides on barley milling behavior and evaluating bioactive composition of milled fractions, Food Chemistry, Vol.218, 137-143 (Impact Factor: 4.529) (UGC Indexed) (Scopus Indexed).

MATHEMATICS

707. Jitender Singh, (2017), Another Proof of the Binomial Theorem, American Mathematical Monthly (Mathematical Association of America), Issue. 7, Vol.124, pp 658-658.
708. Puneet Kaur, Jitender Singh, (2017), Heat Transfer in Thermally Modulated two-dimensional Rayleigh-Benard convection, International Journal of Thermal Sciences (Elsevier), Issue. 3, Vol.114, pp 35-43.
709. Jitender Singh, Harpreet K. Grover (2017), Limit and Continuity Revisited via Convergence, Asian Research Journal of Mathematics, Issue. 4, Vol.7, pp 1-16. (UGC Indexed) (Scopus Indexed).
710. Jitender Singh, Renu Bajaj (2017), Corrigendum: Convective instability in a Ferrofluid layer with temperature-modulated rigid boundaries (2011 Fluid Dyn. Res. 43. 025502), Fluid Dynamics Research, Issue. 1, Vol.49, pp 019501-019502. (Impact Factor: 0.940) (UGC Indexed) (Scopus Indexed).
711. Sahil Gupta and T.D. Narang (2017), Strong Proximality in Metric Spaces, Novi Sad Journal of Mathematics, Issue. 2, Vol.47, 107-116. (UGC Indexed) (Scopus Indexed).
712. J. Kumar, P. Manchanda, Pooja (2017), Numerical Solution of Fredholm Integral Equations of The First Kind Using Legendre Wavelet Collocation Method, International Journal of Pure and Applied Mathematics, Issue. 1, Vol.117, pp 33-43. (UGC Indexed) (Scopus Indexed).
713. Charan Jeet Singh, Binay Kumar (2017), Bulk queue with Bernoulli Vacation and m-optimal services under N-policy, International Journal of Operational Research, Issue. 4, Vol.30, pp 460-483. (Scopus Indexed).
714. Charan Jeet Singh, Sandeep Kaur, Madhu Jain (2017), Waiting time of bulk arrival unreliable queue with balking and Bernoulli feedback using Maximum Entropy Principle, Journal of Statistical Theory and Practice, Issue. 1, Vol.11, pp 41-62. (Scopus Indexed).
715. Charan Jeet Singh, Sandeep Kaur (2017), Unreliable Server Retrial Queues with Optional Service and multi-phase repair, International Journal of Operations Research, Issue. 2, Vol.14, pp 5-51. (Scopus Indexed).
716. R., Singh, P., Singh, Kumar. N. (2017), Simultaneous Confidence Intervals for Comparing Several Exponential Location Parameters with Control in Direction-Mixed Families, Journal of Statistics and Management Systems, Issue. 3, Vol.20, pp 421-440. (Scopus Indexed).
717. P. Manchanda, M. Rani (2017), Second kind Chebyshev Wavelet method for Solving System of Linear Differential Equations, International Journal of Pure and Applied Mathematics, Issue. 1, Vol.114, pp 91-104. (Scopus Indexed).
718. J. Kumar, P. Manchanda, Pooja (2017), Numerical Solution Of Fredholm Integral Equations Of The First Kind Using Legendre Wavelet Collocation Method, International Journal of Pure and Applied Mathematics, Issue. 1, Vol.117, pp 33-43. (Scopus Indexed).
719. Sahil Gupta, T.D. Narang (2017), Strong proximality and rotundities in Banach spaces, Journal of Advanced Mathematical Studies, Issue. 2, Vol.10, pp 174-182. (Scopus Indexed)
720. Sahil Gupta, T.D. Narang (2017), Simultaneous strong proximality in Banach spaces, Turkish Journal of Mathematics (Turkey, Issue. 5, Vol.41, pp 725-732. (Scopus Indexed).

721. T.D. Narang, Sahil Gupta (2017), Best approximation in metric space, *Fasciculi Mathematici* (Poland, Issue. 5, Vol.58, pp 113-121. (Scopus Indexed).
722. T. D. Narnag (2017), Strongly proximinal sets are convex, *Palestine Journal of Mathematics*, Issue. 5, Vol.6, 186-189. (Scopus Indexed).
723. Sahil Gupta, T.D. Narang (2017), On semi-Continuity of the metric Co-projection, *Palestine Journal of Mathematics*, Issue. 2, Vol.6, pp 289-296. (Scopus Indexed).
724. Sahil Gupta, T.D. Narang (2017), Semi-Continuity of the metric projection and related maps, *Indian Journal of Mathematics*, Issue. 2, Vol.59, pp 193-208. (Scopus Indexed).
725. T. D. Narang (2017), Best approximation, fixed points and invariant approximation in Linear Metric Spaces, *Jordan Journal of Mathematics*, Issue. 3, Vol.10, pp 189-198. (UGC Indexed) (Scopus Indexed).
726. Sumit Chandok, T.D. Narang (2017), Some fixed Point Theorems for Multivalued (α, ψ)-rational type Contractive Mappings with Applications, *Journal of Advanced Mathematical Studies*, Issue. 1, Vol.10, pp 74-83. (UGC Indexed) (Scopus Indexed).
727. Om Parkash and Rakesh Kumar (2017), Modified Fuzzy Divergence Measure and its applications to Medical Diagnosis and MCDM, *Risk and Decision Analysis*, Issue. 3, Vol.6, pp 231-237. (Scopus Indexed).
728. Om Parkash, Rakesh Kumar and Priyanka Kakkar (2017), Two New Weighted Divergence measures in Probability Spaces, *International Journal of Pure and Applied Mathematics*, Issue. 3, Vol.116, pp 643-653. (Scopus Indexed).
729. Jitender Singh, Harpreet K. Grover (2017), Limit and Continuity Revisited via Convergence, *Asian Research Journal of Mathematics*, Issue. 4, Vol.7, pp 1-16. (Scopus Indexed).

PHYSICS

730. Saini Komal, Singh Parminder, Singh Prabhjot, Bajwa B. S. and Sahoo B.K (2017), Seasonal variability of Equilibrium Factor and Unattached Fractions of Radon and Thoron in Different Regions of Punjab, India, *Journal of Environmental Radioactivity* , Vol.167, pp 110-116. (Impact Factor: 2.263) (UGC Indexed) (Scopus Indexed).
731. Saini Komal and Bajwa B. S. (2017), Mapping Natural Radioactivity of Soil Samples in different regions of Punjab, India, *Applied Radiation and Isotopes*, Vol.127, pp 73-81. (Impact Factor: 1.123) (UGC Indexed) (Scopus Indexed).
732. Duggal Vikas, Rani, A., Mehra R., Saini K. and Bajwa. B. S. (2017), Assessment of Carcinogenic and Non-Carcinogenic risk from exposure to uranium in groundwater from Western Haryana, India, *Journal of Geological Society of India*, Issue. 06, Vol.89, pp 617-620. (Impact Factor: 0.63) (UGC Indexed) (Scopus Indexed).
733. Duggal Vikas, Arora Asha, Mehra Rohit, Saini Komal and Bajwa.B.S. (2017), Assessment of age-dependent Radiation Dose and Toxicity Risk due to intake of Uranium through the ingestion of Groundwater from Northern Rajasthan, *Toxicological & Environmental Chemistry*, Issue. 03, Vol.99, pp 516-524. (Impact Factor: 0.972) (UGC Indexed) (Scopus Indexed).
734. Saini Komal, Singh, P. and Bajwa, B.S (2017), Comparative Statistical Analysis of Carcinogenic and Non-Carcinogenic Effects of Uranium in Groundwater Samples from Different Regions of Punjab, *Applied Radiation & Isotopes*, Vol.118, pp 196-200. (Impact Factor: 1.123) (UGC Indexed) (Scopus Indexed).
735. Prabhjot Singh, B.K. Sahoo and B.S.Bajwa (2017), Radionuclide Measurements along with Exhalation Study in Subsoil of South-East Haryana, India, *Environmental Earth Science*, Vol.76, p 332 (Impact Factor: 1.435) (UGC Indexed) (Scopus Indexed).

736. B.S.Bajwa, Sanjeev Kumar, Surinder Singh, S.K.Sahoo and R.M. Tripathi (2017), Uranium and other Heavy Toxic Elements Distribution in the Drinking Water Samples of SW-Punjab, India, Journal of Radiation Research and Applied Sciences, Vol.10, pp13-19. (Impact Factor: 1.1) (UGC Indexed) (Scopus Indexed).
737. Amanjeet Panghal, Ajay Kumar, Suneel Kumar, Joga Singh, Sumit Sharma, Parminder Singh, Rohit Mehra and Bikramjit S. Bajwa (2017), Radiation dose-dependent risk on individuals due to ingestion of uranium and radon concentration in drinking water samples of four districts of Haryana, India, Radiation Effects and Defects in Solids , Issue. 5-6, Vol.72, pp 441-455. (Impact Factor: 1.2) (UGC Indexed) (Scopus Indexed).
738. Duggal Vikas, Saini Komal and Bajwa.B.S (2017), Assessment of Radiation Dose due to Intake Of Uranium Through Groundwater and its Carcinogenic and Non-Carcinogenic Risks in South-West and North-East Punjab, Indoor and Built Environment. (Impact Factor: 1.58) (UGC Indexed) (Scopus Indexed).
739. Manpreet Kaur, P. C. Agarwal, Sukhdeep Kaur (2017), Laser Second Harmonic Generation from an overdense plasma slab, Laser and Particle Beams Issue. 3, Vol.35, pp 379-385. (Impact Factor: 1.649) (UGC Indexed) (Scopus Indexed).
740. Sukhdeep Kaur, Manpreet Kaur, Ravinder Kaur, T.S. Gill (2017), Propagation Characteristics of Hermite Cosh Gaussian Laser Beam in a rippled density plasmas, Laser and Particle Beam , Issue. 1, Vol.35, pp 100-107. (Impact Factor: 1.649) (UGC Indexed) (Scopus Indexed).
741. S Sharma, S Bhagat, J Singh, RC Singh, S Sharma (2017), Excitation-dependent photoluminescence from WS₂ Nanostructures Synthesized via top-down approach, Journal of Materials Science, Issue. 19, Vol.52, pp 11326-11336. (Impact Factor: 2.993) (UGC Indexed) (Scopus Indexed).
742. A Hastir, RL Opila, N Kohli, Z Onuk, B Yuan, K Jones, RC Singh (2017), Deposition, characterization and gas sensors application of RF magnetron-sputtered terbium-doped ZnO films, Journal of Materials Science, Issue. 14, Vol.52, pp 8502-8517. (Impact Factor: 2.993) (UGC Indexed) (Scopus Indexed).
743. K Anand, J Kaur, RC Singh, R Thangaraj (2017), Temperature Dependent Selectivity towards Ethanol and Acetone of Dy³⁺-doped In₂O₃ nanoparticles, Chemical Physics Letters, Issue. 1, Vol.670, pp 37-45. (Impact Factor: 1.686) (UGC Indexed) (Scopus Indexed).
744. Gurpreet Singh, Ravi Chand Singh (2017), Synthesis and characterization of Gd-doped SnO₂ Nanostructures and their enhanced Gas Sensing Properties, Ceramics International, Issue. 2, Vol.43, pp 2350-2360. (Impact Factor: 3.057) (UGC Indexed) (Scopus Indexed).
745. G Singh, N Kohli, RC Singh (2017), Sensitive and Selective Ethanol Sensor based on Zn-doped SnO₂ Nanostructures, Journal of Materials Science: Materials in Electronics, Issue. 17, Vol.28, pp 13013-13023. (Impact Factor: 2.324) (UGC Indexed) (Scopus Indexed).
746. Gurpreet Singh, Nipin Kohli, Ravi Chand Singh (2017), Preparation and characterization of Eu-doped SnO₂ nanostructures for Hydrogen Gas Sensing, Journal of Materials Science: Materials in Electronics, Issue. 2, Vol.28, pp 2257-2266. (Impact Factor: 2.324) (UGC Indexed) (Scopus Indexed).
747. Virpal, J Kumar, R Thangaraj, S Sharma, RC Singh (2017), Enhanced Dielectric Permittivity and Photoluminescence in Cr doped ZnS Nanoparticles, Applied Surface Science, Vol.416, pp 296-301. (Impact Factor: 4.439) (UGC Indexed) (Scopus Indexed).
748. K Anand, J Kaur, RC Singh, R Thangaraj (2017), Preparation and characterization of Ag-doped In₂O₃ nanoparticles gas sensor, Chemical Physics Letters, Vol.682, pp140-146. (Impact Factor: 1.686) (UGC Indexed) (Scopus Indexed).
749. Anita Hastir, Nipin Kohli, Ravi Chand Singh (2017), Comparative study on gas sensing properties of rare earth (Tb, Dy and Er) doped ZnO sensor, Journal of Physics and Chemistry of Solids, Vol. 105, pp 23-34. (Impact Factor: 2.207) (UGC Indexed) (Scopus Indexed).

750. Amanpreet Kaur, Ravi Chand Singh (2017), Managing the degree of Exfoliation and Number of Graphene layers using probe sonication approach, *Fullerenes nanotubes and Carbon Nanostructures*, Issue. 5, Vol.25, pp 318-326. (Impact Factor: 1.011) (UGC Indexed) (Scopus Indexed).
751. Virpal, J Kumar, G Singh, M Singh, S Sharma, RC Singh (2017), Room Temperature Synthesis of Wurtzite Phase Nanostructured ZnS and Accompanied Enhancement in dielectric constant, *Journal of Applied Physics*, Issue.13, Vol.121, pp 303-306. (Impact Factor: 2.176) (UGC Indexed) (Scopus Indexed).
752. Kulwinder Kaur , K.J. Singh, Vikas Anand , Nasarul Islam , Gaurav Bhatia , Namarta Kalia and Jatinder Singh (2017), Lanthanide (= Ce, Pr, Nd and Tb) Ions Substitution at Calcium Sites of Hydroxyl Apatite Nanoparticles as Fluorescent Bio Probes: Experimental and Density Functional Theory Study, *Ceramics International*, Issue. 13, Vol.43, pp10097-10108. (Impact Factor: 3.057) (UGC Indexed) (Scopus Indexed).
753. Kulwinder Kaur , K.J. Singh, Vikas Anand , Gaurav Bhatia , Raminderjit Kaur, Manpreet Kaur , Lovedeep Nim and Daljit Singh Arora (2017), Scaffolds of hydroxyl apatite nanoparticles disseminated in 1,6-diisocyanatohexane-extended poly(1, 4-butylene succinate)/poly(methyl methacrylate) for Bone Tissue Engineering, *Materials Science and Engineering C*, Issue. February, Vol.71, pp780-790. (Impact Factor: 5.08) (UGC Indexed) (Scopus Indexed).
754. Mridula Dogra, K.J. Singh, Kulwinder Kaur, Vikas Anand and Parminder Kaur (2017), Gamma Ray Shielding and Structural Properties of Bi₂O₃-B₂O₃-Na₂WO₄ Glass System, *Universal Journal of Physics and Application*, Issue. 5, Vol.11, pp 190-195. (UGC Indexed) (Scopus Indexed).
755. Mridula Dogra, K.J.Singh, Kulwinder Kaur, Vikas Anand and Parminder Kaur (2017), Comparative Study of Lead Phosphate and Bismuth Borate Glasses Containing Sodium Tungstate as Gamma ray Shielding Materials, *Current Reports on Science and Technology*, Vol.3, pp 9-13. (UGC Indexed) (Scopus Indexed).
756. S. S. Malik (2017), Investigation of Fine Structure dips in fission-fragment Mass Distribution: An Asymmetric Two Centre Shell Model Approach, *Nuclear Physics A*, Issue. 1, Vol.960, pp 180-197. (Impact Factor: 1.992) (UGC Indexed) (Scopus Indexed).
757. V. Singh, S. Sihotra, S. Roy, M. Kaur, S. Saha, J. Sethi, R. Palit, N. Singh, S.S. Malik, H.C. Jain and D. Mehta (2017), Investigation of Antimagnetic Rotation in 101Pd, *Journal of Physics G: Nuclear and Particle Physics*, Issue.075105, Vol. 44, pp 1-15. (Impact Factor: 3.456) (UGC Indexed) (Scopus Indexed).
758. V. Singh, S. Sihotra, S. Roy, M. Kaur, S. Saha, J. Sethi, R. Palit, N. Singh, S.S. Malik, H.C. Jain and D. Mehta (2017), Band structure in 101Pd, *Physical Review C*, Issue. 064312, Vol.95, pp 1-15. (Impact Factor: 3.304) (UGC Indexed) (Scopus Indexed).
759. S. Prashar, D. Engles and S. S. Malik (2017), Effect of thermal expansion mismatch in grating material and host specimen on thermal sensitivity of FBG sensor, *Photonic Network Communications*, Issue. 1, Vol. 34, pp 266-270. (Impact Factor: 1.01) (UGC Indexed) (Scopus Indexed).
760. Vanita Thakur, Anupinder Singh, R. Punia, S. Dahiya, Lakhwant Singh (2017), Structural properties and electrical transport characteristics of modified lithium borate glass ceramics, *Journal of Alloys and Compounds*, Vol.696, pp 529-537. (UGC Indexed) (Scopus Indexed).
761. Jaswinder Pal, Sunil Kumar, Lakhwant Singh, Mandeep Singh, Anupinder Singh (2017), Detailed investigation on structural, dielectric, magnetic and magnetodielectric properties of BiFeO₃-BaSrTiO₃ solid solutions, *Journal of Magnetism and Magnetic Materials*, Vol.441, pp 339-347. (UGC Indexed) (Scopus Indexed).

762. Sukhnandan Kaur , Surinder Singh, Lakhwant Singh (2017), Effect of oxygen ion irradiation on dielectric, structural, chemical and thermoluminescence properties of natural muscovite mica, Applied Radiation and Isotopes, Vol.121, pp 116-121. (UGC Indexed) (Scopus Indexed).
763. Randeep Kaur, Anumeet Kaur, Vandana Sharma, Anupinder Singh, Lakhwant Singh Mandeep Singh (2017), An investigation on structural and magnetically induced ferroelectricity in $(1-x)\text{Pb}(\text{Zr}_{0.45}\text{Ti}_{0.55})\text{O}_3-(x)\text{SmFeO}_3$ solid solutions, Journal of Alloys and Compounds, Vol.710, pp 850-857. (UGC Indexed) (Scopus Indexed).
764. A Roy, S De, Bindya Arora and B K Sahoo (2017), Accurate determination of black-body radiation shift, magic and tune-out wavelengths for the $6\text{S}_{1/2}$ to $5\text{D}_{3/2}$ clock transition in Yb ion, Journal of Physics B , Issue. 20, Vol.50. (Impact Factor: 1.792) (UGC Indexed) (Scopus Indexed).
765. Jasmeet Kaur, Sukhjit Singh, Bindya Arora and B. K. Sahoo (2017), Annexing magic and tune-out wavelengths to the clock transitions of the alkaline-earth-metal ions, Physical Review A, Issue. 042501, Vol.95. (Impact Factor: 2.952) (UGC Indexed) (Scopus Indexed).
766. Kiranpreet Kaur, B. K. Sahoo, and Bindya Arora (2017), Oscillation Frequencies for Simultaneous Trapping of Heteronuclear Alkali Atoms, Asian Journal of Physics, Issue. 9, Vol.25. (UGC Indexed) (Scopus Indexed).
767. Paramjit Kaur,Vineet Bharti, Ajay Wasan (2017), Optical properties of an inhomogeneously broadened multilevel V-system in the weak and strong probe regimes, Ind. Journal of Physics , Issue. 9, Vol.91, pp 1115-1125. (Impact Factor: 1) (UGC Indexed) (Scopus Indexed).
768. Paramjit Kaur, Ajay Wasan (2017), Effect of magnetic field on the optical properties of an inhomogeneously broadened multilevel?-system in Rb vapor, Eur. Phys. J. D, Issue. 78, Vol.71, pp 1-8. (Impact Factor: 1.393) (UGC Indexed) (Scopus Indexed).
769. Anshul Kumar Sharma, Aman Mahajan, R. K. Bedi, Subodh Kumar, A. K. Debnath and D. K. Aswal (2017), CNTs based improved chlorine sensor from noncovalently anchored multi-walled carbon nanotubes with hexa-decafluorinated cobalt phthalocyanines, RSC Advances, Issue. 78, Vol.7, pp 49675-49683 (Impact Factor: 3.108) (UGC Indexed) (Scopus Indexed).
770. Anshul Kumar Sharma, Aman Mahajan, Rajan Saini, R. K. Bedi, Subodh Kumar, A. K. Debnath and D. K. Aswal (2017), Reversible and fast responding ppb level Cl₂ sensor based on noncovalent modified carbon nanotubes with Hexadecafluorinated copper phthalocyanine, Sensors and Actuators B: Chemical, Issue. 1, Vol.255, pp 87-99. (Impact Factor: 5.667) (UGC Indexed) (Scopus Indexed).
771. Anshul Kumar Sharma, Aman Mahajan, Rajan Saini, R. K. Bedi, Subodh Kumar, A. K. Debnath and D. K. Aswal (2017), Non-covalently anchored multi-walled carbon nanotubes with hexa-decafluorinated zinc phthalocyanine as ppb level chemiresistive chlorine sensor, Applied Surface Science, Issue. A, Vol.427, pp 202-209. (Impact Factor: 3.387) (UGC Indexed) (Scopus Indexed).
772. Sameer Kalia, Aman Mahajan, C. Ghansyam, R.K. Bedi (2017), Mobility modulation in low carrier concentration organic semiconducting thin film by varying disorder parameters, Journal of Applied Physics, Issue. 22, Vol.121, pp 225501-225507 (Impact Factor: 2.068) (UGC Indexed) (Scopus Indexed).
773. Tanvi, Vibha Saxena, Ajay Singh, Om Prakash, Aman Mahajan, A.K. Debnath, K.P. Muthe,S.C. Gadkari (2017), Improved performance of dye sensitized solar cell via fine tuning of ultra thin compact TiO₂ layer, Solar Energy Materials and Solar cells , Issue. 2017, Vol.170, pp 127-136. (Impact Factor: 4.784) (UGC Indexed) (Scopus Indexed).
774. Sanjeev Kumar, Navdeep Kaur, Anshul Kumar Sharma, Aman Mahajan and R. K. Bedi (2017), Improved Cl₂ sensing characteristics of reducedgraphene oxide when decorated with copperphthalocyanine nanoflowers, RSC Advances, Issue. 41, Vol.7, pp 25229-25236. (Impact Factor: 3.108) (UGC Indexed) (Scopus Indexed).

775. Sameer Kalia, Aman Mahajan, C. G.Ghansyam, A. K.Debnath, Vibha Saxena, D. K.Aswal, and R. K.Bedi (2017), Anisotropic charge transport properties in boron sub phthalocyanine chloride thin films, Journal of Applied Physics, Issue. 9, Vol.121, pp 95501-95508. (Impact Factor: 2.068) (UGC Indexed) (Scopus Indexed).
776. Randeep Kaur, Anumeet Kaur, Vandana Sharma, Anupinder Singh, Lakhwant Singh, Mandeep Singh (2017), An investigation on structural and magnetically induced ferroelectricity in (1-x) Pb (Zr 0.45 Ti 0.55) O₃-(x) SmFeO₃ solid solutions, Journal of Alloys and Compounds , Issue. 1, Vol.710, pp 850-857. (Impact Factor: 3.779) (UGC Indexed) (Scopus Indexed).
777. Vandana Sharma, Anupinder Singh, Lakhwant Singh, Mandeep Singh, Sanjay Kumar Mishra (2017), Compositional-driven Multiferroic Properties in Samarium Substituted LaFeO₃-PbTiO₃ Solid Solutions, International Journal of Applied Ceramic Technology, Issue. 2, Vol.14, pp 260-268. (Impact Factor: 1.165) (UGC Indexed) (Scopus Indexed).
778. Virpal, J Kumar, G Singh, M Singh, S Sharma, RC Singh (2017), Room Temperature Synthesis of wurtzite phase nanostructured ZnS and Accompanied Enhancement in Dielectric Constant, Journal of Applied Physics, Issue. 13, Vol.121, pp 303-309 (Impact Factor: 2.176) (UGC Indexed) (Scopus Indexed).
779. Jaswinder Pal, Sunil Kumar, Lakhwant Singh, Mandeep Singh, Anupinder Singh (2017), Detailed investigation on Structural, Dielectric, Magnetic and Magnetodielectric Properties of BiFeO₃-BaSrTiO₃ solid solutions, Journal of Magnetism and Magnetic Materials , Issue. 1, Vol.441, pp 339-347. (Impact Factor: 3.04) (UGC Indexed) (Scopus Indexed).
780. A.S. Bains, M. Tribeche and N. S. Saini, T. S. Gill (2017), Modulation instability and rogue wave structures of positron-acoustic waves in q-nonextensive plasmas, Physica A: Statistical Mechanics and its Applications, Issue. 09, Vol.466, pp 111-119. (Scopus Indexed).
781. Yashika Ghai and N. S. Saini (2017), Shock waves in dusty plasma with two temperature superthermal ions, Astrophysics and Space Science, Issue. 1, Vol.362, pp 1-9. (Scopus Indexed).
782. N. S. Saini, Barjinder Kaur, Manpreet Singh and A. S. Bains (2017), Dust kinetic Alfven solitary and rogue waves in a Dusty Plasma with two Temperature Nonextensive ions, Physics of Plasmas, Issue. 6, Vol. 24, pp 1-11. (Scopus Indexed).
783. Kuldeep Singh, Nimardeep Kaur and N. S. Saini (2017), Head-on collision between two dust acoustic solitary waves and study of rogue waves in multicomponent dusty plasma, Physics of Plasmas, Issue. 06, Vol.24, pp 1-10. (Scopus Indexed).
784. Nimardeep Kaur, Kuldeep Singh and N. S. Saini (2017), Effect of ion beam on the characteristics of ion acoustic Gardner solitons and double layers in multicomponent superthermal plasma, Physics of Plasmas, Issue. 09, Vol.24, pp 1-12. (Scopus Indexed).
785. Ripin Kohli and N. S. Saini (2017), Head-on collision of dust acoustic shock waves in quantum plasma, Physics of Plasmas, Issue. 6, Vol.24, pp 1-10. (Scopus Indexed).
786. Jaswinder Pal, Sunil Kumar, Lakhwant Singh, Mandeep Singh,Anupinder Singh (2017), 1.Detailed investigation on structural, dielectric, magnetic and magnetodielectric properties of BiFeO₃-BaSrTiO₃ solid solutions, Jounal of Magnetism and Magnetic Materials, Vol.441, pp 339-347. (Scopus Indexed).
787. Randeep Kaur, Anumeet Kaur, Vandna Sharma, Lakhwant Singh, Mandeep Singh, Anupinder Singh (2017), An investigation on structural and magnetically induced ferroelectricity in (1-x)Pb(Zr0.45Ti0.55)O₃-(x)SmFeO₃ solid solutions, Journal of Alloys and Componds, Vol.710, pp 850-857. (Scopus Indexed).
788. Vandna Sharma, Anupinder SIngh, Mandeep Singh, Lakhwant Singh, S.K.Mishra (2017), Compositional-driven multiferroic properties in samarium substituted LaFeO₃-PbTiO₃ solid solutions, International Journal of applied Ceramic Technology, Issue. 2, Vol.14, pp 260-268. (Scopus Indexed).

789. Vanita Thakur, Anupinder Singh, Rajesh Poonia, Sajjan Dahiya, Lakhwant Singh (2017), Structural properties and electrical transport characteristics of modified lithium borate glass ceramics, *Journal of Alloys and Compounds*, Vol.696, pp 529-537. (Scopus Indexed).
790. Randeep Kaur, Vandana Sharma, Manoj Kumar, Mandeep Singh, Anupinder Singh (2017), Conductivity relaxation in Pb_{0.9}Sm_{0.10}Zr_{0.405}Ti_{0.495}Fe_{0.10}O₃ solid solution, *Journal of Alloys and Compounds*, Vol.735, pp 1472-1479. (Scopus Indexed).
791. Jaswinder Pal, Sunil Kumar, Lakhwant Singh, Mandeep Singh, Anupinder Singh (2017), Study of the structural and magnetic phase-transitions and multiferroic properties in BiFeO₃-Ba_{0.95}Ca_{0.05}TiO₃ solid solutions, *Materials Research Bulletin*, Vol.102, pp 36-44. (Scopus Indexed).
792. Aanchal Chawla, Anupinder Singh, Mandeep Singh (2017), Effect of decreasing Mg²⁺ and Zr⁴⁺ substitution on the structural, ferroelectric and magnetic properties of BF-PT Solid Solutions, *Materials today communications*, Vol.14, pp 47-52. (Scopus Indexed).
793. Amandeep Kaur, Atul Khanna, Himal Bhatt, Marina Gómez-Barriuso, Fernando González, Banghao Chen and M.N.Deo (2017), Be-O and Te-O speciation in bismuth tellurite and bismuth borotellurite glasses by FTIR, ¹¹B MAS-NMR and Raman spectroscopy, *J. Non-Cryst. Solids*, Issue. 02, Vol.470, pp 19-26 (Scopus Indexed).
794. Amarjot Kaur, Atul Khanna and Lyubomir I. Aleksandrov (2017), Structural, thermal, optical and photoluminescent properties of barium tellurite glasses doped with rare-earth ions, *J. Non-Cryst. Solids*, Issue. 08, Vol.476, pp 67-74. (Scopus Indexed).
795. Ravish K. Jain Atul Khanna (2017), Structural, optical and electrical properties of crystalline V₂O₅ films deposited by thermal evaporation and effects of temperature on UV-vis and Raman spectra, *Optik*, Issue. 05, Vol.144, pp 271-280. (Scopus Indexed).
796. Amandeep Kaur, Atul Khanna, Marina Gómez-Barriuso, Fernando González and Banghao Chen (2017), Short-range structure and thermal properties of alumino-tellurite glasses, *J. Non-Cryst. Solids*, Issue. 06, Vol.417, pp14-18. (Scopus Indexed).
797. Nupur Gupta, Atul Khanna, Amandeep Kaur, Fernando González, Carmen Pesquera, Reni Iordanova and Banghao Chen (2017), Structure-property correlations in TiO₂-Bi₂O₃-B₂O₃-TeO₂ glasses, *J. Non-Cryst. Solids*, Issue. 09, Vol.470, pp 168-177. (Scopus Indexed).
798. Atul Khanna and Deepak G. Bhat (2017), Deposition of alumina films by inverted cylindrical magnetron sputtering assisted by optical emission spectroscopy, *Indian Journal of Pure and Applied Physics*, Issue. -, Vol.55, pp 19-24. (Scopus Indexed).
799. Shweta Mohan., Simranpreet Kaur, D.P. Singh and Puneet Kaur (2017), Structural and luminescence properties of samarium doped lead alumino borate glasses, *Optical Materials*, Vol.73, pp 223-233. (Scopus Indexed).
800. Shaveta Sharma, Rita Sharma, Praveen Kumar, R. Thangaraj, and M. Mian (2017), Effect of In Additive on the Structure and Optical Properties of Isocoordinated In_xSb_{30-x}Se₇₀ Chalcogenide Films, *Material Focus*, Vol.6, pp 1-6. (Scopus Indexed).
801. Shaveta Sharma, Rita Sharma, Praveen Kumar, R. Chander, R. Thangaraj, M. Mian (2017), Structure and Optical Properties of Polycrystalline In_xSb_{30-x}Se₇₀ (0=x=25) Chalcogenide alloys, *Journal of Nano and Electronic Physics* , Issue. 2, Vol.8. (Scopus Indexed).
802. Rita Sharma, Shaveta Sharma, Praveen Kumar, R. Thangaraj, and M. Mian (2017), Study of structure and optical absorption in iso-coordinated In_xSb_{20-x}Ag₁₀Se₇₀ (0=x=20) chalcogenide films, *Journal of Non-Crystalline Solids* , Issue. 0, Vol.459, pp 13-17. (Scopus Indexed).

803. Rita Sharma, Shaveta Sharma, P. Kumar, R.Chander, R. Thangaraj, M. Mian (2017), Spectroscopic investigations of polycrystalline $In_xSb_{20-x}Ag_{10}Se_{70}$ ($0=x=15$) multicomponent chalcogenides, Material Science-Poland , Issue. 4, Vol.34, pp 794-799. (Scopus Indexed).
804. Rita Sharma, Shaveta Sharma, Praveen Kumar, R. Thangaraj, and M. Mian (2017), Analysis of electrical conduction phenomena in highly photosensitive amorphous $In_xSb_{20-x}Ag_{10}Se_{70}$ ($0 =x =20$) chalcogenide films, Journal of Non-Crystalline Solids, Vol.472. (Scopus Indexed).
805. Shaveta Sharma, Rita Sharma, Praveen Kumar, R. Thangaraj, K. Asokan, M. Mian (2017), Effect of composition on steady state and transient photoconductivity in isocoordinated $In_xSb_{30-x}Se_{70}$ ($0 = x = 25$) chalcogenide films, Journal of Material Science: Materials in Electronics, Issue. 19, Vol.28, pp 14202-14208. (Scopus Indexed).
806. Mohan S., Kaur, S., Singh, D. P. and Kaur, P. (2017), Structural and luminescence properties of samarium doped lead alumino borate glasses, Optical Materials Materials, Vol.73 , pp 223-233. (Scopus Indexed).
807. Nisha Sharma, Jaspal Singh (2017), Human kidney and skeleton uranium burden, radiation dose and health risks from high uranium contents in drinking water of Bathinda district (Malwa region) of Punjab state, India, Radiation Protection Dosimetry, Vol.doi:10.1093/rpd/ncx002, (Scopus Indexed).
808. Virpal, J Kumar, G Singh, M. Singh, S.Sharma and R.C. Singh (2017), Room temperature synthesis of wurtzite phase nanostructured ZnS and accompanied enhancement in dielectric constant, JAP, Issue. April, Vol.121, 134303-1-134303-6. (Scopus Indexed).
809. Virpal, J. Kumar, R. Thangaraj, S. Sharma and R. C. Singh (2017), Enhanced dielectric permittivity and photoluminescence in Cr doped ZnS nanoparticles, Applied Surface Sciences, Issue. September, Vol.416, pp 296-301. (Scopus Indexed).
810. Shivani Sharma, Shubham Bhagat, Jasvir Singh, Ravi Chand Singh and Sandeep Sharma (2017), Excitation dependent photoluminescence from WS₂ nanostructures, J. Mater Sci, Issue. June, Vol.52, pp 11326-11336 (Scopus Indexed).
811. Rita Sharma, Shaveta Sharma, Praveen Kumar, R. Thangaraj, and M. Mian. (2017), Study of structure and optical absorption in iso-coordinated $In_xSb_{20-x}Ag_{10}Se_{70}$ ($0=x=20$) chalcogenide films, Journal of Non-Crystalline Solids, Vol.459, pp 13-17. (Scopus Indexed).
812. Rita Sharma, Shaveta Sharma, Praveen Kumar, R. Thangaraj, and M. Mian (2017), Analysis of electrical conduction phenomena in highly photosensitive amorphous $In_xSb_{20-x}Ag_{10}Se_{70}$ ($0 =x =20$) chalcogenide films, Journal of Non- Crystalline Solids, Vol.472, pp 70-74. (Scopus Indexed).
813. Shaveta Sharma, Rita Sharma, Praveen Kumar, R. Thangaraj, K. Asokan, M. Mian (2017), Effect of composition on steady state and transient photoconductivity in isocoordinated $In_xSb_{30-x}Se_{70}$ ($0 = x = 25$) chalcogenide films, Journal of Material Science: Materials in Electronics. (Scopus Indexed).
814. Manpreet Kaur, Mandeep Kaur, Varinderjit Kaur (2017), Role of different parts of the nucleon-nucleon potential on fragment production in asymmetric collisions and their rapidity dependence, Physical Review C, Issue. 2, Vol.96, 246261-246267. (Scopus Indexed).

FACULTY OF SPORTS MEDICINE & PHYSIOTHERAPY

PHYSIOTHERAPY

815. Singh NP, Paul M (2017), Association between Anxiety and Chronic Low Back Pain with Gender difference, Internatonal Journal of Health Science & Research, Issue. 9, Vol.7, pp 113-116. (Scopus Indexed).

816. Koley, S. and Kaur A. (2017), Estimation of Handgrip Strength and its Correlations with Selected Anthropometric Variables and Performance Tests in Indian Inter-university Female Field Hockey Players, Achieves of Sports Medicine and Physiotherapy, Issue. 1, Vol.2, pp 1-4. (Scopus Indexed).
817. Koley, S. and Kar, A (2017), Correlations of Back Strength with selected Anthropometric Variables and Performance Tests in Indian Inter-University Male Field Hockey Players, Human Biology Review, Issue. 1, Vol.6, pp 53-62. (Scopus Indexed).
818. Prabhjot Kaur Dilawari, Paramjot Kaur (2017), A Study to Assess the Existence of Sustainable Healthcare Quality Culture and Application of 5's Technique, International Journal of Science and Research (IJSR), Issue. 5, Vol.6, pp 2067-2072. (Scopus Indexed).
819. Prabhjot Kaur Dilawari, r Priyanka (2017), A Study to Assess the Awareness and Perception of Young Adults regarding Health Insurance and Factors Controlling their Policy Enrollment, International Journal of Science And Research (IJSR), Issue. 5, Vol.6, pp 2075-2079. (Scopus Indexed).
820. Prabhjot Kaur Dilawari, Amandeep Kaur (2017), A Study to Identify the Factors Affecting Employee Retention, International Journal of Science and Research (IJSR), Issue. 5, Vol.6, pp 1827-1831. (Scopus Indexed).
821. Prabhjot Kaur Dilawari, Lovepreet Kaur (2017), A Study to Assess the Efficiency of Discharge Process in Patient, Cause of Discharge Delays and Impact on Increase Average Length of stay, International Journal of Science and Research (IJSR), Issue. 5, Vol.6, pp 2251-2254. (Scopus Indexed).
822. Prabhjot Kaur Dilawari (2017), Factors Affecting the Performance of Professionals in India, International Journal of Science and Research (IJSR), Issue. 5, Vol.6, pp 2318-2322. (Scopus Indexed).
823. Prabhjot Kaur Dilawari, Seep Sonali (2017), The Impact of Organizational Culture on the Successful Implementation of Total Quality Management and its Assessment through Internal Audit, International Journal of Science and Research (IJSR), Issue. 5, Vol.16, pp 1769-1772. (Scopus Indexed).

FACULTY OF VISUAL ARTS & PERFORMING ARTS

MUSIC

824. Gulati Tejinder, Singh Jatinder (2017), *Guru Nanak Bani vich Shabad-Swaroop Kirtan da Karam Sidhant*, Research Link, Issue. January, Vol.154, pp 17-19. (Scopus Indexed).
825. Gulati Tejinder, Singh Jatinder (2017), *Upnishad Ate Sutar Sahit Vich Sangeet*, Research Link, Issue. February, Vol.155. (Scopus Indexed).
826. Gulati Tejinde, Singh Jatinder (2017), *Guru Nanak Bani Vich Dharmik Sahansheelta (Sidh Goshat Bani de Sandarbh vich)*, Research Link, Issue. March, Vol.156, pp 8-10. (Scopus Indexed).
827. Gulati Tejinder, Singh Jatinder (2017), *Dasam Granth da Laye Yuqat Roop: Chhand Parbandh*, Research Link, Issue. April, Vol.157, pp 11-13. (Scopus Indexed).
828. Ms. Shikha Mehra, Dr. Rajesh Sharma (2017), *Geet ki Utpatti: Avdharaana Aur Vikaas: Sangeet Ke Sath Antrasambandh*, Research Link, Vol.11, pp 154-160. (Scopus Indexed).
829. Shikha Mehra, Rajesh Sharma (2017), *Rashtra Samrpit Geet: Itihaas aur Vikaas Ek Adhyayan*, Research Link, Vol.12, pp 155-162. (Scopus Indexed).
830. Rajesh Sharma (2017), *Manav Jeevan Ke Vikaas Mein Sangeet Ka Yogdan*, Bhairavi, UGC approved reffered journal, Vol.12, pp 40-51. (Scopus Indexed).
831. Rajesh Sharma (2017), *Sufi Sangeet Prampar Ate Gayan Shelliyan*, Kashf, Issue. 2, Vol.1, pp 298-310. (Scopus Indexed).