



SRI GURU GOBIND SINGH COLLEGE

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Research Publications (2020-21) (UGC Carelist/Scopus/Web of Science)

S. No	Title of paper	Author(s)	Department	Name of journal
1	Understanding the Self-Ordering of Amino Acids into Supramolecular Architectures: Co-Assembly Based Modulation of Phenylalanine Nanofibrils	Dr Prabhjot Singh	Chemistry	Materials Chemistry Frontiers
2	Earnings Quality: A Bibliometric Analysis	Dr Seema Mahajan	Commerce	PIMT Journal of Research
3	Global Research Trends in Extensible Business Reporting Language (XBRL): A Bibliometric Analysis	Dr Manjinder Singh	Commerce	PIMT Journal of Research
4	Empowerment and Job Satisfaction: A Relationship Study	Dr Harjeet Kaur Virk	Commerce	Shodh Sarita
5	Managing Stress at Workplace during COVID-19	Dr Harjeet Kaur Virk	Commerce	Shodh Sanchar Bulletin
6	Social Intelligence and its Impact on Job Satisfaction: A Study of the Managers of Marriott Hotels in North India	Dr Sumedha Vikram Khanna	Commerce	Shodh Sarita
7	Development and Validation of Social Intelligence Scale	Dr Sumedha Vikram Khanna	Commerce	Shodh Sarita
8	Ethical Concerns in e-Teaching: Awareness and Perceptions of e-Learners and e-Teachers	Dr Seema Chopra	Commerce	Shodh Sarita
9	Harmonization of International Accounting Standards	Dr Anupama	Commerce	Wesleyan Journal of Research: An International Research Journal
10	Hybrid Transform based Robust Watermarking Scheme for Video Objects	Ms Purnima and Ms Manbir Sandhu	Computer Science	Journal of Critical Reviews
11	Plastic Regulation Practices Around the World and Lessons for India	Ms Amol Virk	Economics	Shodh Sanchar Bulletin
12	An Analysis of Trends of Fiscal Deficit in India	Ms Amol Virk	Economics	Sambodhi
13	Anthropocene in Literature: A Cry Advocating Sustainable Development	Ms Shweta Sharda	English	Sambodhi

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14	Perceived Parenting and Perceived Teaching Style in Relation to Cognitive Skills of Adolescents	Dr Sandeep Kaur	Hindi	Research and Reflections on Education
15	A Study of Relationship between Perceived Parenting Style and Social Maturity of 9 th Graders	Dr Sandeep Kaur	Hindi	Shodh Sanchar Bulletin
16	A New Class of Irreducible Polynomials	Dr Sanjeev Kumar	Mathematics	Communication in Algebra
17	A Study Related to Physical Activity and Eating Behaviour of the College Girls	Dr Sonia Kanwar	Physical Education	Shodh Sanchar Bulletin
18	Unraveling the Effect of Isotropic Strain on the Transport Properties of Half-Heusler Alloy LiScGe	Dr Ranber Singh	Physics	Journal of Alloys and Compounds
19	Evidence of ZnCO ₃ Interstitial Phase in Carbon Implanted ZnO (002) Thin Films and Room Temperature Ferromagnetism	Dr Ranber Singh	Physics	Vacuum
20	Pressure Induced Enhancement in the Power Factor of p-type LiScSi Half-Heusler Alloy	Dr Ranber Singh	Physics	AIP Conference Proceedings
21	Structural, Electronic and Thermoelectric Properties of Two-Dimensional GeSe Bilayer	Dr Ranber Singh	Physics	AIP Conference Proceedings
22	Electronic Structure Modification in Two-dimensional Pentagonal PdS ₂ by External Strain	Dr Ranber Singh	Physics	Canadian Journal of Physics
23	Exceptionally High Open Circuit Thermoelectric Figure of Merit in Two-dimensional Tin Sulphide	Dr Ranber Singh	Physics	Journal of Physics Condensed Matter
24	Turning Electronic Properties of Pentagonal PdS ₂ Monolayer by Applying External Strain	Dr Ranber Singh	Physics	Indian Journal of Physics
25	Frequency Dependence Studies of Acoustical and Thermo-Dynamical Parameters of the Binary Mixtures of Isopropyl Sulphide and Acetic Acid	Dr Kuljeet Singh Chakkal	Physics	Romanian Journal of Acoustics and Vibration
26	Evidence of Antimagnetic Rotation in 100 Pd	Dr Vipenpal Singh	Physics	Physical Review, C
27	Study of Dielectric Properties of Se-Te-Zn ternary Chalcogenide Glasses	Dr Vipenpal Singh	Physics	AIP Conference Proceedings
28	Social Media Te Harjeet Atwal Da Novel Hadse	Dr Jagdeep Singh	Punjabi	Shabad

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29	Gurbani Da Urdu/Farsi Lipiantran: Swar Sathitian Da Mulankan	Mr Amrik Singh	Punjabi	Sheeraza
30	Gurbani Urdu/Farsi Lipiantran Vich Sirlekh Prabandh: Ik Sarvekhan	Mr Amrik Singh	Punjabi	Sheeraza
31	Punjabi Ate Urdu Da Bhashaye Tualuq: Itihasik Pichhokar'	Mr Amrik Singh	Punjabi	AABRU
32	Bani Mahla Naun Da Urdu/Farsi Lipiantran: Samasyavan Ate Samadhan	Mr Amrik Singh	Punjabi	AABRU
33	Distinction of Two Featherback Species (Osteoglossiformes: Notopteridae) in India Based on Scale Structure	Dr Inderpal Singh Sidhu	Zoology	Records of the Zoological Survey of India
34	Stock Structure Delineation of an Endangered Mahseer, <i>Tor Putitora</i> (Teleostei: Cyprinidae) from Two Indian Rivers by Morphological and Meristic Attributes	Dr Inderpal Singh Sidhu	Zoology	Iranian Society of Ichthyology