

Session 2018-19

Paper presentations by students:

Sr. No.	Name of Student	Class	Roll No.	Title of Paper	Type of Presentation (Oral/Poster)	Name of Seminar	Organization/Institution	Date
1.	Maninder Kaur kainthmaninder50@gmail.com	M.Sc. II (Physics)	8101	AFM: Instrumental in Biological Research	Poster	Emerging Research Trends in Experimental Physics (ERTEP-2019)	Guru Nanak College for girls, Sri Muktsar Sahib	22 February, 2019
2.	Jaspinder Kaur jassumannu786@gmail.com	M.Sc. II (Physics)	8110	Parker Solar Probe	Poster	Emerging Research Trends in Experimental Physics (ERTEP-2019)	Guru Nanak College for girls, Sri Muktsar Sahib	22 February, 2019
3.	Rajveer Kaur <u>Dhillonrajveer449@gmail.com</u>	M.Sc. II (Physics)	8104	The Experimental Trends In Nuclear Energy	Poster	Emerging Research Trends in Experimental Physics (ERTEP-2019)	Guru Nanak College for girls, Sri Muktsar Sahib	22 February, 2019
4.	Beant Kaur bbeant25@gmail.com	M.Sc. II (Physics)	8105	TRENDS IN THIN FILM DEPOSITION METHOD	Poster	Emerging Research Trends in Experimental Physics	Guru Nanak College for girls, Sri Muktsar Sahib	22 February, 2019

						(ERTEP-2019)		
5.	Sonali Bansal sunalibansal707@gmail.com	M.Sc. II (Physics)	8106	Large Hadron Collider Could Break All Known Science	Poster	Emerging Research Trends in Experimental Physics (ERTEP-2019)	Guru Nanak College for girls, Sri Muktsar Sahib	22 February, 2019
6.	Rani Mittal ranimittal1996@gmail.com	M.Sc. II (Physics)	8108	Role of Transmission Electron Microscope In Physics research	Poster	Emerging Research Trends in Experimental Physics (ERTEP-2019)	Guru Nanak College for girls, Sri Muktsar Sahib	22 February, 2019
7.	Harpinder Kaur harpinderkaur198800@gmail.com	M.Sc. II (Physics)	8103	SEM: Applications in nanotechnology	Poster	Emerging Research Trends in Experimental Physics (ERTEP-2019)	Guru Nanak College for girls, Sri Muktsar Sahib	22 February, 2019
8.	Rajinder Kaur kaurrajinder56486@gmail.com	M.Sc. II (Physics)	8107	Wilson chamber role in Radiation physics	Poster	Emerging Research Trends in Experimental Physics (ERTEP-2019)	Guru Nanak College for girls, Sri Muktsar Sahib	22 February, 2019
9.	Ramanpreet Kaur ramanwarring03@gmail.com	M.Sc. II (Physics)	8102	Spin Coating: A Popular Tool in Experimental Physics Research	Poster	Emerging Research Trends in Experimental Physics (ERTEP-	Guru Nanak College for girls, Sri Muktsar Sahib	22 February, 2019

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10.	Ajashandeep Kaur ajashangrewal27@gmail.com	M.Sc. II (Physics)	8109	Optical Tweezers as a Tool in Biological Research	Poster	Emerging Research Trends in Experimental Physics (ERTEP-2019)	Guru Nanak College for girls, Sri Muktsar Sahib	22 February, 2019
11.	<u>Amanpreet Kaur</u> amnprrk7707@gmail.com	M.Sc. I (Physics)	8006	High Accuracy Modeling of X-ray Radiation in Dense Matter	Poster	Emerging Research Trends in Experimental Physics (ERTEP-2019)	Guru Nanak College for girls, Sri Muktsar Sahib	22 February, 2019
12.	<u>Jyoti</u> jyotijyoti108@gmail.com	M.Sc. I (Physics)	8001	New Age of Nuclear Batteries	Poster	Emerging Research Trends in Experimental Physics (ERTEP-2019)	Guru Nanak College for girls, Sri Muktsar Sahib	22 February, 2019
13.	<u>Pooja Rani</u> sonia79864@gmail.com	M.Sc. I (Physics)	8008	Negative Capacitance in Ferroelectric Material	Poster	Emerging Research Trends in Experimental Physics (ERTEP-2019)	Guru Nanak College for girls, Sri Muktsar Sahib	22 February, 2019
14.	<u>Nimarpreet Kaur</u> gbamrah60@gmail.com	M.Sc. I (Physics)	8012	Organic Solar Cells	Poster	Emerging Research Trends in Experimental Physics (ERTEP-2019)	Guru Nanak College for girls, Sri Muktsar Sahib	22 February, 2019

15.	<u>Nidhi Sharma</u> nidhisharma2019@gmail.com	M.Sc. I(Physics)	8003	Aero Gallium-Nitride: Hydrophobic or Hydrophilic	Poster	Emerging Research Trends in Experimental Physics (ERTEP-2019)	Guru Nanak College for girls, Sri Muktsar Sahib	22 February, 2019
16.	Harmanbir Kaur <u>Harman101995@gmail.com</u>	M.Sc. I(Physics)	8004	Ionization potential Depression in Atomic –Solid - Plasma picture	Poster	Emerging Research Trends in Experimental Physics (ERTEP-2019)	Guru Nanak College for girls, Sri Muktsar Sahib	22 February, 2019
17.	Manpreet kaur ¹ manpreetkaur47174@gmail.com	M.Sc. I (Physics)	8005	X-Ray & EUV Spectroscopy of various Astrophysical & Laboratory Plasma	Poster	Emerging Research Trends in Experimental Physics (ERTEP-2019)	Guru Nanak College for girls, Sri Muktsar Sahib	22 February, 2019
18.	Sukhwinder Kaur ¹ chahalsukh62404@gmail.com	M.Sc. I (Physics)	8009	Radioactive Charged particle Emission	Poster	Emerging Research Trends in Experimental Physics (ERTEP-2019)	Guru Nanak College for girls, Sri Muktsar Sahib	22 February, 2019
19.	Gurpreet Kaur ¹ ps3554510@gmail.com	M.Sc. I (Physics)	8010	Selective Laser Sintering Of Aluminium Alloy Powders	Poster	Emerging Research Trends in Experimental Physics (ERTEP-2019)	Guru Nanak College for girls, Sri Muktsar Sahib	22 February, 2019
20.	Lovepreet kaur ¹	M.Sc. I	8007	Adventure of	Poster	Emerging	Guru Nanak College	22

	lovesandhu2081998@gmail.com	(Physics)		Nanoscience in stem cells		Research Trends in Experimental Physics (ERTEP-2019)	for girls, Sri Muktsar Sahib	February, 2019
21.	Kajal loona1 sharmanetpoint786@gmail.com	M.Sc. I(Physics)	8011	High Energy Physics	Poster	Emerging Research Trends in Experimental Physics (ERTEP-2019)	Guru Nanak College for girls, Sri Muktsar Sahib	22 February, 2019
22.	Amandeep Kaur itsaman2988@gmail.com	M.Sc. II (Physics)	8111	A review on applications of X-ray fluorescence technique	Poster	Emerging Research Trends in Experimental Physics (ERTEP-2019)	Guru Nanak College for girls, Sri Muktsar Sahib	22 February, 2019
23.	Jyoti Arora jyotiarora14075@gmail.com	M.Sc. II (Physics)	8112	Nanomaterials in Cancer Therapy	Poster	Emerging Research Trends in Experimental Physics (ERTEP-2019)	Guru Nanak College for girls, Sri Muktsar Sahib	22 February, 2019
24.	Palvi, khuranapalvi96@gmail.com	M.Sc. II (Physics)	8113	Rayleigh scattering cross sections (Theoretical and experimental approaches)	Poster	Emerging Research Trends in Experimental Physics (ERTEP-2019)	Guru Nanak College for girls, Sri Muktsar Sahib	22 February, 2019

25.	<i>loveleenwadhwa1995@gmail.com</i> Loveleen Wadhwa	M.Sc. II (Physics)	8116	Antimony in groundwater Malwa Region	Poster	Emerging Research Trends in Experimental Physics (ERTEP-2019)	Guru Nanak College for girls, Sri Muktsar Sahib	22 February, 2019
26.	Manpreet kaur <i>makkarmanu56@gmail.com</i>	M.Sc. II (Physics)	8115	Combined Magnetron Sputtering and Ion Implantation Technique	Poster	Emerging Research Trends in Experimental Physics (ERTEP-2019)	Guru Nanak College for girls, Sri Muktsar Sahib	22 February, 2019
27.	Jaspreet Kaur <i>jasp7016@gmail.com</i>	M.Sc. II (Physics)	8119	Radiation detectors used in nuclear physics experiments	Poster	Emerging Research Trends in Experimental Physics (ERTEP-2019)	Guru Nanak College for girls, Sri Muktsar Sahib	22 February, 2019
28.	soma bairanisoma28@gmail.com	M.Sc. II (Physics)	8123	Single-Phase Tin Monosulfide (SnS) Films: Overview	Poster	Emerging Research Trends in Experimental Physics (ERTEP-2019)	Guru Nanak College for girls, Sri Muktsar Sahib	22 February, 2019
29.	Gurpreet kaur <i>gurpreetguri654@gmail.com</i>	M.Sc. II (Physics)	8125	dark matter	Poster	Emerging Research Trends in Experimental Physics (ERTEP-2019)	Guru Nanak College for girls, Sri Muktsar Sahib	22 February, 2019
30.	Asha rani	M.Sc. II	8128	Hydrogen in	Poster	Emerging	Guru Nanak College	22

	asharani33646@gmail.com	(Physics)		metals		Research Trends in Experimental Physics (ERTEP-2019)	for girls, Sri Muktsar Sahib	February, 2019
31.	Manpreet kaur mnprrtaulakh11@gmail.com	M.Sc. II (Physics)	8121	Working Of SEM	Poster	Emerging Research Trends in Experimental Physics (ERTEP-2019)	Guru Nanak College for girls, Sri Muktsar Sahib	22 February, 2019
32.	Mamta rani darshnas471@gmail.com	M.Sc. II (Physics)	8126	Applications of Spectroscopy	Poster	Emerging Research Trends in Experimental Physics (ERTEP-2019)	Guru Nanak College for girls, Sri Muktsar Sahib	22 February, 2019
33.	Amandeep kaur Atwal amuatwal8@gmail.com	M.Sc. II (Physics)	8129	Savvy And Faux Pas of Quarks Model	Poster	Emerging Research Trends in Experimental Physics (ERTEP-2019)	Guru Nanak College for girls, Sri Muktsar Sahib	22 February, 2019
34.	satveer kaur satveer720rr@gmail.com	M.Sc. II (Physics)	8124	solar power: Applications	Poster	Emerging Research Trends in Experimental Physics (ERTEP-2019)	Guru Nanak College for girls, Sri Muktsar Sahib	22 February, 2019
35.	yuganshi yuganshijio@gmail.c	M.Sc. II (Physics)	8127	Spin Orbital Coupling Form	Poster	Emerging Research	Guru Nanak College for girls, Sri Muktsar	22 February,

	om			In a Perfect Crystal : Review		Trends in Experimental Physics (ERTEP-2019)	Sahib	2019
36.	<i>Kajal</i> <i>kajalteria@gmail.com</i>	M.Sc. II (Physics)	8122	Gold Nanoparticles : As a Catalyst in Nanotechnology	Poster	Emerging Research Trends in Experimental Physics (ERTEP-2019)	Guru Nanak College for girls, Sri Muktsar Sahib	22 February, 2019
37.	<u>Kirti,</u> kirtiatts1997@gmail.com	M.Sc. II (Physics)	8117	Photon-Atom Interactions and Their Applications	Poster	Emerging Research Trends in Experimental Physics (ERTEP-2019)	Guru Nanak College for girls, Sri Muktsar Sahib	22 February, 2019
38.	<u>Alviz Nagpal</u>	M.Sc. II (Physics)	8118	Photon-Atom Interactions and Their Applications	Poster	Emerging Research Trends in Experimental Physics (ERTEP-2019)	Guru Nanak College for girls, Sri Muktsar Sahib	22 February, 2019
39.	Diksha Rani dishudiksha28@gmail.com	M.Sc. II (Physics)	8114	Development and Applications of Superconducting Materials (Present Trends)	Poster	Emerging Research Trends in Experimental Physics (ERTEP-2019)	Guru Nanak College for girls, Sri Muktsar Sahib	22 February, 2019
40.	Rajveer Kaur <i>*rajveersandhu9896@gmail.com</i>	M.Sc. II (Physics)	8120	Role of Cyclotron in present	Poster	Emerging Research Trends in	Guru Nanak College for girls, Sri Muktsar	22 February,

				experimental research		Experimental Physics (ERTEP-2019)	Sahib	2019
41.	Ms. Loveleen Wadhwa	M.Sc. II (Physics)	8016	Gravitational waves	Oral	6 th IAPT (Indian Association of Physics Teachers) National Student Symposium on Physics	Department of Physics, Panjab University, Chandigarh.	4-6 October, 2018
42.	Ms. Palvi	M.Sc. II (Physics)	8025	Gravitational waves	Oral	6 th IAPT (Indian Association of Physics Teachers) National Student Symposium on Physics	Department of Physics, Panjab University, Chandigarh.	4-6 October, 2018
43.	Ms. Nimerpreet Kaur	M. Sc. I (Physics)	8012	Superhydrophobic surfaces	Poster	6 th IAPT (Indian Association of Physics Teachers) National Student Symposium	Department of Physics, Panjab University, Chandigarh.	4-6 October, 2018

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44.	Ms. Amanpreet Kaur	B.Sc. III (N.M.)	5630	Comparitive studyof KOH and TMAH etching of Si(100)	Poster	6 th IAPT (Indian Association of Physics Teachers) National Student Symposium on Physics	Department of Physics, Panjab University, Chandigarh.	4-6 October, 2018
45.	Ms. Pooja, Ms. Gagandeep Kaur and Ms. Satveer Kaur	M.Sc (Maths)- IVth Sem		Prime Numbers (Number Theory)	oral	International Conference on “Transforma tion Through Innovations”	SCD Govt. College, Ludhiana	16-17 March, 2019
46.	Ms. Balwinder Kaur, Ms. Parveen Kaur, Ms. Harpreet Kaur and Ms. Rajveer Kaur	M.Sc (Maths)- IVth Sem		Role of Mathematics in the Development of Society	oral	International Conference on “Transforma tion Through Innovations”	SCD Govt. College, Ludhiana	16-17 March, 2019

Session 2019-20

Sr. No.	Name of Student	Class	Roll No.	Title of Paper	Type of Presentation (Oral/Poster)	Name of Seminar	Organization/Institution	Date
1.	Kajal loona	M.Sc II	8107	Physics of stem cells	poster	Recent Advances in Material Sciences'(RAM S 2020)	GGDSD college, Chandigarh	1 st feb 2020
2.	Lovepreet kaur	M.Sc II	8108	Physics of stem cells	poster	Recent Advances in Material Sciences'(RAM S 2020)	GGDSD college	1 st feb 2020
3.	Amritpal kaur	M.Sc I	8004	Piezoelectric effect	poster	Recent Advances in Material Sciences'(RAM S 2020)	GGDSD college	1 st feb 2020
4.	Riya	M.Sc I	8002	Piezoelectric effect	poster	Recent Advances in Material Sciences'(RAM S 2020)	GGDSD college	1 st feb 2020
5.	Liza	M.Sc I	8007	Magnetic Resonance imaging	poster	Recent Advances in Material Sciences'(RAM S 2020)	GGDSD college	1 st feb 2020
6.	Himani	M.Sc I	8009	Superconductivity and its applications	poster	Recent Advances in Material Sciences'(RAM	GGDSD college	1 st feb 2020

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7.	Karishma	M.Sc I	8016	Liquid crystal and its types	poster	Recent Advances in Material Sciences'(RAM S 2020)	GGDSD college	1 st feb 2020
8.	Nazia Rani	M.Sc I	8005	ESR	poster	Recent Advances in Material Sciences'(RAM S 2020)	GGDSD college	1 st feb 2020
9.	Dolly	M.Sc I	8006	ESR	poster	Recent Advances in Material Sciences'(RAM S 2020)	GGDSD college	1 st feb 2020
10.	Sonam	M.Sc I	8003	Magnetic materials	poster	Recent Advances in Material Sciences'(RAM S 2020)	GGDSD college	1 st feb 2020
11.	Vijeta	M.Sc I	8001	Advanceme nt of solar cell	poster	Recent Advances in Material Sciences'(RAM S 2020)	GGDSD college	1 st feb 2020
12.	Nimarpreet Kaur	M.Sc. II	8104	Replicating morphology of Cicada Wing	poster	7th National Student Symposium on Physics(IAPT)	Panjab University, Chandigarh	3-5 th october 2019

