

S.No.	Name of Applicant	Department Name	Category of Applicant	Title of Paper	Category of Award	Total money	Prize Money after subtracting external	Money to principal author	Money to co- author 1	Money to co- author 2	Money to co- author 3	REMARKS Prize Money/ Certificate
1	RASHI MANN	Applied Physics	Student	TCAD investigation of ferroelectric based substrate MOSFET for digital application	C	50,000	50,000	37,500 for Rashi Mann	Certificate only for Prof. Rishu Chaujar	NA	NA	Prize money only for Rashi Mann, certificate for Prof. Rishu Chaujar
2	Prof. Vinod Singh	Applied Physics	Faculty	Key role of Tb ³⁺ doping on structural and photoluminescence properties of Gd ₂ Ti ₂ O ₇ pyrochlore oxide	C	50,000	50,000	16,666.67 for Vinod Singh	16,666.67 for Umang Berwal	certificate only for Rinku Sharma	NA	Prize money for Umang Berwal, and certificate only for Rinku Sharma
3	Prof. Vinod Singh	Applied Physics	Faculty	Carbon Nanotubes in Emerging Photovoltaics: Progress and Limitations	C	50,000	25,000	25,000 for Vinod Singh	NA	NA	NA	Prize money
4	Prof. Vinod Singh	Applied Physics	Faculty	Hydrogen induced structural modifications in size selected Pd-Carbon core-shell NPs: Effect of carbon shell thickness, size and pressure	C	50,000	38,888.89	5,555.55 for Vinod Singh	5,555.55 for Ashok Kumar and 5,555.55 for Ramesh Kumar	5,555.55 for Priya Pradeep Kumar and 5,555.55 for Umang Berwal	5,555.55 for Jasveer Singh and 5,555.55 for Kailash Chandra	Prize money
5	Prof. Rishu Chaujar	Applied Physics	Faculty	Sensitivity Analysis of Biomolecule Nano-Cavity Immobilization in Dielectric Modulated Triple Hybrid Metal Gate-All-Around Junctionless NWFET Biosensor for Detecting Various Diseases	C	50,000	50,000	37,500 for Prof. Rishu Chaujar	12,500 for Mekonnen Getnet	NA	NA	Prize money
6	Prof. Rishu Chaujar	Applied Physics	Faculty	Numerical investigation and temperature-based analysis of the analog performance of fully gate-covered junctionless FinFET	C	50,000	50,000	33,333.334 for Prof. Rishu Chaujar	8,333.333 for Gaurav Mangal	8,333.333 for Aman Tyagi	NA	Prize money
7	Prof. Rishu Chaujar	Applied Physics	Faculty	Compatibility of a Truncated Fin-FinFET as a k-modulated Biosensor with Optimum parameters for Pre-emptive Diagnosis of Diseases	C	50,000	50,000	33,333.334 for Prof. Rishu Chaujar	8,333.333 for Mridul Prakash Kashyap	8,333.333 for Harshal Gudaghe	NA	Prize money

8	Samriti Sharma	Applied Physics	Student	Impact of tunnel gate process variations on analog/radio frequency (microwave) and small signal parameters of hetero-material tunneling interfaced charge plasma junctionless tunnel field effect transistor	C	50,000	50,000	37,500 for Samriti Sharma	certificate only for Prof. Rishu Chaujar	NA	NA	Prize money only for Samriti Sharma, certificate for Prof. Rishu Chaujar
9	Samriti Sharma	Applied Physics	Student	RF, linearity and intermodulation distortion analysis with small-signal parameters extraction of tunable bandgap arsenide/antimonide tunneling interfaced JLTFET	C	50,000	50,000	37,500 only for Samriti Sharma	certificate only for Prof. Rishu Chaujar	NA	NA	Prize money only for Samriti Sharma, certificate for Prof. Rishu Chaujar
10	Samriti Sharma	Applied Physics	0	Influence of source electrode metal work function on polar gate prompted source hole plasma in arsenide/antimonide tunneling interfaced junctionless TFET	C	50,000	50,000	37,500 only for Samriti Sharma	certificate only for Prof. Rishu Chaujar	NA	NA	Prize money only for Samriti Sharma, certificate for Prof. Rishu Chaujar
11	Kailash Chandra	Applied Physics	Student	Structural magnetic properties correlation in Ge doped frustrated Ho ₂ Ti ₂ O ₇ pyrochlore	C	50,000	25,000	12,500 for Kailash Chandra	certificate only for Prof. Vinod Singh	NA	NA	Prize money for Kailash Chandra and certificate only for Prof. Vinod Singh
12	Prof. Suresh C. Sharma	Applied Physics	Faculty	Investigations on plasma pre-treatment of catalyst film and catalyzed growth of carbon nanotubes	C	50,000	50,000	37,500 for Prof. Suresh C. Sharma	12,500 for Umang Sharma	NA	NA	Prize money
13	Prof. Suresh C. Sharma	Applied Physics	Faculty	Impact of plasma process parameters on the growth of vertically aligned carbon nanotube array and its optimization as field emitters	C	50,000	50,000	37,500 for Prof. Suresh C. Sharma	12,500 for Umang Sharma	NA	NA	Prize money
14	Prof. Suresh C. Sharma	Applied Physics	Faculty	Plasma-based Nanoarchitectonics for Vertically Aligned Dual -Metal Carbon Nanotube Field Effect Transistor (VA-DMCFET) Device: Effect of Plasma Parameters on Transistor Properties	C	50,000	50,000	37,500 for Prof. Suresh C. Sharma	12,500 for Mansha Kansal	NA	NA	Prize money
15	Prof. Rinku Sharma	Applied Physics	Faculty	Strongly coupled plasma effect on excitation energies of O-like ions and photoionization of F-like ions	C	50,000	25,000	25,000 for Prof. Rinku Sharma	NA	NA	NA	Prize money

16	Prof. Rinku Sharma	Applied Physics	Faculty	Study of contribution of doubly excited 3d10 configurations in excitation energies and SXR transition data of Fe-like ions	C	50,000	25,000	25,000 for Prof. Rinku Sharma	NA	NA	NA	Prize money
17	Richa Paijwar	Applied Physics	Student	Relativistic atomic structure calculations of KIX with plasma parameters	C	50,000	33,333.33	16,666.67 for Richa Paijwar	certificate only for Rinku Sharma	NA	NA	Prize money for Richa Paijwar and certificate only for Rinku Sharma
18	Dr Mukhtiyar Singh	Applied Physics	Faculty	Electronic, thermoelectric, and optical studies of cubic Hf1-xTixO2: An attempt to enhance the key parameters	C	50,000	33,333.33	16,666.67 for Mukhtiyar Singh	16,666.67 for Rajesh Kumar	NA	NA	Prize money
19	Dr Mukhtiyar Singh	Applied Physics	Faculty	A first-principle study of electronic, thermoelectric, and optical properties of sulfur doped c -HfO2	C	50,000	25,000	12,500 for Mukhtiyar Singh	12,500 for Rajesh Kumar	NA	NA	Prize money
20	Dr Mukhtiyar Singh	Applied Physics	Faculty	Pressure-induced topological phase transition in XMR material YbAs: a first-principles study	C	50,000	33,333.33	16,666.67 for Mukhtiyar Singh	16,666.67 for Ramesh Kumar	NA	NA	Prize money
21	Vikas	Applied Physics	Student	Spectroscopic Investigations of Dy3+ doped Tungstate Tellurite Glasses for Solid-State Lighting Applications	C	50,000	33,333.33	25,000 for Vikas	certificate only for Dr. Mula Jayasimhadri	NA	NA	Prize money only for Vikas, certificate for Dr. Mula Jayasimhadri
22	Sangeeta	Applied Physics	Student	Realizing high thermoelectric performance in p-type RbZn4P3 Zintl compound: a first-principles investigation	C	50,000	33,333.33	16,666.67 for Sangeeta	certificate only for Mukhtiyar Singh	NA	NA	Prize money only for Sangeeta, certificate for Mukhtiyar Singh
23	Dr. Bharti Singh	Applied Physics	Faculty	Investigating the role of chalcogen atom in the piezoelectric performance of PVDF/TMDCs based flexible nanogenerator” Energy	C	50,000	40,000	10,000 for Bharti Singh	10,000 for Vishal Singh	10,000 for Deshraj Meena	10,000 for Ashutosh Trivedi	Prize money
24	Dr. Bharti Singh	Applied Physics	Faculty	Tailoring the Output Performance of PVDF-Based Piezo–Tribo Hybridized Nanogenerators via B, N-Codoped Reduced Graphene Oxide	C	50,000	50,000	16,666.67 for Bharti Singh	16,666.67 for Shilpa Rana	16,666.67 for Vishal Singh	NA	Prize money

25	Prof. Ravindra Kumar Sinha	Applied Physics	Faculty	Ultrasensitive dual-band terahertz metasurface sensor based on all InSb resonator	C	50,000	50,000	16,666.67 for Prof. Ravindra Kumar Sinha	16,666.67 for P Agarwal	16,666.67 for K Kishor	NA	Prize money
26	Prof. Ravindra Kumar Sinha	Applied Physics	Faculty	Impact of thermal and refractive index tuning on the bandgap and band edges of a silicon photonic crystal waveguide with sensing applications	C	50,000	50,000	16,666.67 for Prof. Ravindra Kumar Sinha	16,666.67 for Varnam Sherawat	16,666.67 for Renuka Bakolia	NA	Prize money
27	Anu	Applied Physics	Student	Structural and luminescence characteristics of thermally stable Dy ³⁺ doped oxyfluoride strontium zinc borosilicate glasses for photonic device applications	C	50,000	33,333.33	16,666.67 for Anu	certificate only for Prof. A. S.Rao	NA	NA	Prize money only for Anu and certificate for Prof. A. S.Rao
28	Prateek Sharma	Applied Physics	Student	Sunlight-driven MoS ₂ nanosheets mediated degradation of dye (crystal violet) for the wastewater treatment	C	50,000	50,000	33,333.333 for Prateek Sharma	8,333.333 for Mrityunjay Kr. Singh	certificate only for Mohan Singh Mehata	NA	Prize money only for Prateek Sharma, Mrityunjay Kr. Singh and certificate for Mohan Singh Mehata
29	Bhavya Kumar	Applied Physics	Student	Numerical simulation of analog metrics and parasitic capacitances of GaAs GS-GAA FinFET for ULSI switching applications	C	50,000	50,000	37,500 for Bhavya Kumar	certificate for Prof. Rishu Chaujar	NA	NA	Prize money only for Bhavya Kumar, certificate for Prof. Rishu Chaujar
30	Bhavya Kumar	Applied Physics	Student	Numerical Study of JAM-GS-GAA FinFET: A Fin Aspect Ratio Optimization for Upgraded Analog and Intermodulation Distortion Performance	C	50,000	50,000	37,500 for Bhavya Kumar	certificate for Prof. Rishu Chaujar	NA	NA	Prize money only for Bhavya Kumar, certificate for Prof. Rishu Chaujar
31	Sandeep Sharma	Applied Physics	Student	Energy transfer dynamics in thermally stable Sm ³⁺ / Eu ³⁺ co-doped AEAIBS glasses for near UV triggered photonic device applications	C	50,000	50,000	16,666.67 for Sandeep Sharma	16,666.67 for Kamal Kishore	certificate for Prof. A. S.Rao	NA	Prize money only for Sandeep Sharma, Kamal Kishore , certificate for Prof. A. S.Rao
32	Megha Sharma	Applied Physics	Student	Design and Investigation of Recessed-T-Gate Double Channel HEMT with InGaN Back Barrier for Enhanced Performance	C	50,000	50,000	37,500 for Megha Sharma	certificate for Prof. Rishu Chaujar	NA	NA	Prize money only for Megha Sharma, certificate for Prof. Rishu Chaujar

33	Megha Sharma	Applied Physics	Student	Ultrascaled 10 nm T-gate E-mode InAlN / AlN HEMT with polarized doped buffer for high power microwave applications	C	50,000	50,000	37,500 for Megha Sharma	certificate for Prof. Rishu Chaujar	NA	NA	Prize money only for Megha Sharma, certificate for Prof. Rishu Chaujar
34	Km. Komal	Applied Physics	Student	Improved resistive switching of RGO and SnO ₂ based resistive memory device for non-volatile memory application	C	50,000	37,500	12,500 for Km. Komal	12,500 for Bharti Singh	Certificate only for Mukhtiyar Singh	NA	Prize money for Km. Komal, Bharti Singh and certificate only for Mukhtiyar Singh
35	Mukesh Kumar Sahu	Applied Physics	Student	Temperature-dependent photoluminescence and optical thermometry performance in Ca ₃ Bi(PO ₄) ₃ :Er ³⁺ phosphors	C	50,000	33,333.33	25,000 for Mukesh Kumar Sahu	certificate for Dr. Mula Jayasimhadri	NA	NA	Prize money only for Mukesh Kumar Sahu, certificate for Dr. Mula Jayasimhadri
36	Mukesh Kumar Sahu	Applied Physics	Student	Thermally stable Mn ²⁺ -activated zinc silicate nanophosphor for speedy recognition of high-contrast latent fingerprints	C	50,000	20,000	15,000 for Mukesh Kumar Sahu	certificate for Dr. Mula Jayasimhadri	NA	NA	Prize money only for Mukesh Kumar Sahu, certificate for Dr. Mula Jayasimhadri
37	RAJESH KUMAR	Applied Physics	Student	Carrier concentration mediated enhancement in thermoelectric performance of various polymorphs of hafnium oxide: a plausible material for high temperature thermoelectric energy harvesting application	C	50,000	30,000	10,000 for Rajesh Kumar	10,000 for Deshraj	certificate for Mukhtiyar Singh	NA	Prize money only for Rajesh Kumar, Deshraj certificate for Mukhtiyar Singh
38	Pooja Rohilla	Applied Physics	Student	Synthesis optimisation and efficiency enhancement in Eu ³⁺ doped barium molybdenum titanate phosphors for w-LED applications.	C	50,000	50,000	37,500 for Pooja Rohilla	certificate for Prof. A. S.Rao	NA	NA	Prize money only for Pooja Rohilla, certificate for Prof. A. S.Rao
39	Prof. Rinku Sharma	Applied Physics	Faculty	Excitation energies, transition data of SXR, HXR, EUV and far-UV spectral lines with partition function, thermodynamic parameters and level population for W LXVII and W XLIX	C	50,000	25,000	25,000 for Prof. Rinku Sharma	NA	NA	NA	Prize Money

40	Anshu	Applied Physics	Student	In the existence of a transverse dc electric field, the kinetic theory of current-driven electrostatic ion cyclotron waves excitation in a magnetized dusty plasma	C	50,000	33,333.33	25,000 for Anshu	certificate only for Prof. Suresh C. Sharma	NA	NA	Prize money for Anshu and certificate only for Prof. Suresh C. Sharma
41	Dr. VINEET SHARMA	Applied Physics	Student	A parallel investigation of un-doped and manganese ion-doped zinc selenide quantum dots at cryogenic temperature and application as an optical temperature sensor	C	50,000	50,000	37,500 for VINEET SHARMA	certificate only for MOHAN SINGH MEHATA	NA	NA	Prize money for VINEET SHARMA and certificate only for MOHAN SINGH MEHATA
42	Richa Sharma	Applied Physics	Faculty	Influence of calcination and sintering temperature on the microstructure, dielectric, ferroelectric and piezoelectric properties of the lead-free KNN ceramics	C	50,000	33,333.33	16,666.67 for Richa Sharma	16,666.67 for Komal Verma	NA	NA	Prize money
43	Dr Renuka Bokolia	Applied Physics	Faculty	Thermometric sensing performance in Erbium modified SrBi ₂ -xNb ₂ Er _x O ₉ ferroelectric ceramic for optoelectronic devices	C	50,000	50,000	25,000 for Dr. Renuka Bokolia	25,000 for Ms. Ankita Banwal	NA	NA	Prize money
44	Dr Renuka Bokolia	Applied Physics	Faculty	Enhanced upconversion luminescence and optical temperature sensing performance in Er ³⁺ doped BaBi ₂ Nb ₂ O ₉ ferroelectric ceramic	C	50,000	50,000	25,000 for Dr. Renuka Bokolia	25,000 for Ms. Ankita Banwal	NA	NA	Prize money
45	Jyoti	Applied Physics	Student	Beam-driven whistler mode nonlinear saturation and turbulence in the magnetopause	C	50,000	37,500	25,000 for Jyoti	6,250 for Neha Pathak	certificate only for Prof. Suresh C. Sharma	NA	Prize money only for Jyoti and Neha, certificate only for Prof. Suresh C. Sharma
46	Abhishek Bhardwaj	Applied Physics	Student	Effect of carbon shell over NaCrO ₂ core by C ₂ H ₂ decomposition to enhance electrochemical properties for rechargeable Sodium-ion batteries.	C	50,000	50,000	25,000 for Abhishek Bhardwaj	25,000 for Dr. Amrish K. Panwar	NA	NA	Prize money

47	Harpreet Kaur	Applied Physics	Student	Luminescent and colorimetric properties of the sol-gel derived mono-phase Dy ³⁺ doped silicate-based phosphor for w-LED applications	C	50,000	31,250	18,750 for Harpreet Kaur	3,125 for Vishesh Tiku	3,125 for Aditya Prasad	3,125 for Y. Abhishek Singh, certificate for Dr. Mula Jayasimhadri	Prize money only for Harpreet Kaur, Vishesh Tiku, Aditya Prasad, Y. Abhishek Singh, certificate for Dr. Mula Jayasimhadri
48	Dr. Mohan Singh Mehata	Applied Physics	Faculty	Spectral characteristics of 3,5-diaminobenzoic acid in pure and mixed solvents: Experimental and theoretical study	C	50,000	Certificate only	Certificate only for Dr. Mohan Singh Mehata	NA	NA	NA	Certificate only
49	Dr. Mohan Singh Mehata	Applied Physics	Faculty	Thermally grown indium (In) thin-film for creating ohmic contact and In-bumps for HgCdTe-based IR detectors	C	50,000	50,000	25,000 for Mohan Singh Mehata	25,000 for V. S. Meena	NA	NA	Prize money
50	Dr. Mohan Singh Mehata	Applied Physics	Faculty	Spectroscopic investigation on the interaction of direct yellow-27 with protein (BSA)	C	50,000	Certificate only	Certificate only for Dr. Mohan Singh Mehata	NA	NA	NA	Certificate only
51	Dr. Mohan Singh Mehata	Applied Physics	Faculty	Reinvestigation on photoluminescence of 7-hydroxyflavone in aqueous medium: Proficient fluorescence enhancement	C	50,000	16,666.67	16,666.67 for Mohan Singh Mehata	NA	NA	NA	Prize money
52	Dr. Mohan Singh Mehata	Applied Physics	Faculty	Solvatochromism and estimation of ground and excited state dipole moments of 6-aminoquinoline	C	50,000	Certificate only	Certificate only for Dr. Mohan Singh Mehata	NA	NA	NA	Certificate only
53	Dr. Mohan Singh Mehata	Applied Physics	Faculty	Photoluminescence turn-off based dual analytes (Hg ²⁺ and Pb ²⁺) sensor in aqueous medium using 3-mercaptopropionic acid protected Mn ²⁺ doped ZnSe quantum dots	C	50,000	50,000	37,500 for Mohan Singh Mehata	12,500 for V. Sharma	NA	NA	Prize money
54	Prof. Nitin K. Puri	Applied Physics	Faculty	Investigation of charge transport mechanism in hydrothermally synthesized reduced graphene oxide (rGO) incorporated zinc oxide (ZnO) nanocomposite films	C	50,000	33,333.33	25,000 for Nitin K. Puri	8,333.33 for Nikita Jain	NA	NA	Prize money

55	Prof. Nitin K. Puri	Applied Physics	Faculty	Electrochemical biosensor utilizing dual-mode output for detection of lung cancer biomarker based on reduced graphene oxide-modified reduced-molybdenum disulfide multi-layered nanosheets	C	50,000	50,000	37,500 for Nitin K. Puri	12,500 for Ritika Khatri	NA	NA	Prize money
56	Dr. M. JAYASIM HADRI	Applied Physics	Faculty	Structural and spectroscopic analysis of thermally stable Dy ³⁺ activated Na ₄ Ca ₄ Si ₆ O ₁₈ phosphor for optoelectronic device applications	C	50,000	50,000	37,500 for M. Jayasimhadri	12,500 for Deepali	NA	NA	Prize money
57	Dr. M. JAYASIM HADRI	Applied Physics	Faculty	Thermally stable red luminescence from Eu ³⁺ -activated telluro zinc phosphate glass under near-ultraviolet light excitation for photonic applications	C	50,000	50,000	37,500 for M. Jayasimhadri	12,500 for Vikas	NA	NA	Prize money
58	Dr. M. JAYASIM HADRI	Applied Physics	Faculty	Structural and color tunable properties in Sm ³⁺ /Eu ³⁺ -doped Ca ₃ Bi(PO ₄) ₃ phosphor for solar cell and w-LED applications	C	50,000	50,000	37,500 for M. Jayasimhadri	12,500 for Mukesh K Sahu	NA	NA	Prize money
59	Rajat Bajaj	Applied Physics	Student	Photoluminescence down-shifting studies of thermally stable Eu ³⁺ ions doped borosilicate glasses for visible red photonic device applications	C	50,000	33,333.33	25,000 for Rajat Bajaj	certificate for Prof. A. S.Rao	NA	NA	Prize money only for Rajat Bajaj, certificate for Prof. A. S.Rao
60	Ravita	Applied Physics	Student	Effective sensitization of Eu ³⁺ visible red emission by Sm ³⁺ in thermally stable potassium zinc alumino borosilicate glasses for photonic device applications	C	50,000	50,000	37,500 for ravita	certificate for Prof. A. S.Rao	NA	NA	Prize money only for Ravita, certificate for Prof. A. S.Rao
61	Ravita	Applied Physics	Student	Color tunable photoluminescence in KZABS: Tm ³⁺ glasses under different sources of excitation for photonic applications	C	50,000	50,000	37,500 for ravita	certificate for Prof. A. S.Rao	NA	NA	Prize money only for Ravita, certificate for Prof. A. S.Rao
62	Mansha Kansal	Applied Physics	Student	Exploration of Novel Hafnium Oxide (HfO ₂) Based Plasma-Assisted Gate All Around Carbon Nanotube FET (GAA-CNTFET) for High Sensing Applications	C	50,000	50,000	37,500 for Mansha Kansal	certificate only for Prof. Suresh C. Sharma	NA	NA	Prize money for Mansha Kansal and certificate only for Prof. Suresh C. Sharma

63	Mansha Kansal	Applied Physics	Student	Performance Evaluation & Linearity Distortion Analysis for Plasma-Assisted Dual-Material Carbon Nanotube Field Effect Transistor with a SiO ₂ -HfO ₂ Stacked Gate-Oxide Structure (DM-SGCNFET)	C	50,000	50,000	37,500 for Mansha Kansal	certificate only for Prof. Suresh C. Sharma	NA	NA	Prize money for Mansha Kansal and certificate only for Prof. Suresh C. Sharma
64	Rajat Bajaj	Applied Physics	Student	Down-shifting photoluminescence studies of thermally stable Dy ³⁺ ions doped borosilicate glasses for optoelectronic device applications	C	50,000	33,333.33	20,833.33 for Rajat Bajaj	4,166.666 for Pooja Rohilla	4,166.666 for Sumandeep Kaur	certificate for Prof. A. S.Rao	Prize money only for Rajat Bajaj, Pooja Rohilla, Sumandeep Kaur and certificate for Prof. A. S.Rao
65	Vidhi	Applied Physics	Student	Spectroscopic characterizations of Dy ³⁺ ions doped phosphate glasses for epoxy-free white LED applications.	C	50,000	50,000	18,750 for Vidhi	18,750 for Ankita	6,250 for Anu	Certificate for Prof. A. S.Rao	Prize money only for Vidhi, Ankita, Anu and certificate for Prof. A. S.Rao
66	Yasha Tayal	Applied Physics	Student	Photoluminescence characteristics of Sm ³⁺ /Eu ³⁺ co-doped LPZABS glasses for solar cell Applications	C	50,000	50,000	33,333.33 for Yasha Tayal	8,333.33 for Sumandeep Kaur	certificate only for Prof. A. S.Rao	NA	Prize money only for Yasha Tayal, Dr. Sumandeep Kaur and certificate for Prof. A. S.Rao
67	Prof. A. S. Rao	Applied Physics	Faculty	Linear and non-linear photoluminescence studies of Ho ³⁺ /Yb ³⁺ co-doped titanate phosphors for photonic applications	C	50,000	50,000	37,500 for Prof. A.S. Rao	12,500 for Pooja Rohilla	NA	NA	Prize money
68	Prof. A. S. Rao	Applied Physics	Faculty	Tunable photoluminescence studies of KZABS: RE ³⁺ (RE ³⁺ = Tm ³⁺ , Tb ³⁺ and Sm ³⁺) glasses for w-LEDs based on energy transfer	C	50,000	50,000	37,500 for Prof. A.S. Rao	12,500 for Ravita	NA	NA	Prize money
69	Prof.A.S. Rao	Applied Physics	Faculty	Photoluminescence downshifting studies of thermally stable Dy ³⁺ ions doped phosphate glasses for photonic device applications	C	50,000	50,000	37,500 for Prof. A.S. Rao	12,500 for Kartika Maheshwari	NA	NA	Prize money
70	ANCHALI JAIN	Applied Physics	Student	Effect of Cr doping on Li ₂ ZnTi ₃ O ₈ as alternative anode material to enhance electrochemical properties of lithium-ion batteries	C	50,000	50,000	16,666.67 for Anchali Jain	16,666.67 for Amrsih K. Panwar	16,666.67 for Pawan K. Tyagi	NA	Prize money

71	Mohit Kumar	Applied Physics	Student	Downshifting analysis of Sm ³⁺ /Eu ³⁺ co-doped LiBiAlBSi glasses for red emission element of white LEDs	C	50,000	50,000	33,333.33 for Mohit Kumar	8,333.33 for Sumandeep Kaur	certificate for Prof. A. S.Rao	NA	Prize money only for Mohit Kumar, Sumandeep Kaur and certificate for Prof. A. S.Rao
72	Yash Pathak	Applied Physics	Student	Detection of biomolecules in dielectric modulated double metal below ferroelectric layer FET with improved sensitivity	C	50,000	50,000	16,666.67 for Yash Pathak	16,666.67 for Bansi Dhar Malhotra	certificate for Prof. Rishu Chaujar	NA	Prize money only for Yash Pathak, Bansi Dhar Malhotra and certificate for Prof. Rishu Chaujar
73	Priyanka	Applied Physics	Student	Effects of impurity factor on the physical and transport properties for Ga _{1-x} Al _x As quantum wire in the presence of Rashba spin-orbit interaction	C	50,000	33,333.33	16,666.67 for Priyanka	certificate only for Rinku Sharma	NA	NA	Prize money for Priyanka and certificate only for Rinku Sharma
74	Deepali	Applied Physics	Student	UV-excited blue- to green-emitting Tb ³⁺ -activated sodium calcium metasilicate colour tunable phosphor for luminescence devices	C	50,000	50,000	37,500 for Deepali	certificate for Dr. Mula Jayasimhadri	NA	NA	Prize money only for Deepali, certificate for Dr. Mula Jayasimhadri
75	Yash Pathak	Applied Physics	Student	Analog/RF Performance and Effect of Temperature on Ferroelectric Layer Improved FET device with Spacer	C	50,000	50,000	16,666.67 for Yash Pathak	16,666.67 for Bansi Dhar Malhotra	Certificate for Prof. Rishu Chaujar	NA	Prize money only for Yash Pathak, Bansi Dhar Malhotra and certificate for Prof. Rishu Chaujar
76	Shruti Sharma	Applied Physics	Student	Effect of Plasma Control Parameters on the Growth of Nitrogen - Doped Nanocene - Vertical Graphene Hybrid : Theoretical Investigations	C	50,000	50,000	37,500 for Shruti Sharma	certificate for Prof. Suresh C. Sharma	NA	NA	Prize money only for Shruti Sharma, certificate for Prof. Suresh C. Sharma
77	Deepak Kumar	Applied Physics	Student	Exploration of grown cobalt-doped zinc oxide nanoparticles and photodegradation of industrial dye	C	50,000	50,000	16,666.67 for Deepak Kumar	16,666.67 for M. K. Singh	certificate only for Dr. Mohan Singh Mehata	NA	Prize money for D. Kumar, M. K. Singh and certificate only for Dr. Mohan Singh Mehata