

S.No.	Name of Applicant	Department Name	Title	Amount to First/Coresponding Author	Amount of Co-Author 1	Amount of Co-Author 2	Amount of Co-Author 3	Amount of Co-Author 4	Amount of Co-Author 5	Eligible/Not Eligible	Remark if not Eligible	Total Price money After Subtracting external and
1	VIJAY SINGH MEENA	Applied Physics	Design and development of four-layer anti-reflection coating stacks (ZnS and YF3 thin films) for HgCdTe-based mid-wave infrared detectors	12500 to Vijay Singh Meena	Certificate to Mohan Singh Mehata					Eligible		12500
2	VIJAY SINGH MEENA	Applied Physics	Structural, compositional, morphological and electrical characteristics of thermally evaporated Au Ohmic Contact on p-type HgCdTe substrate for possible infrared detectors	12500 to Vijay Singh Meena	Certificate to M S Mehata					Eligible		12500
3	Prof. Suresh C. Sharma	Applied Physics	Localization and turbulence of Beam-Driven Whistler wave with Magnetosonic wave in Magnetopause	25000 to Suresh C Sharma	8333.33 to Jyoti					Eligible		33333.34
4	Prof. Suresh C. Sharma	Applied Physics	Theoretical Modeling and Numerical Simulation of enhanced graphene growth under the influence of oxidizers in RF-PECVD plasma using finite element method	37500 to Suresh C Sharma	12500 to Sagar Khanna					Eligible		50000
5	Prof. Suresh C. Sharma	Applied Physics	Low Frequency Waves in a Strongly Correlated Collisional Magnetized Dusty Plasma Cylinder	25000 to Suresh C Sharma	8333.33 to Harender Mor					Eligible		33333.32
6	Neha Bhatt	Applied Physics	A Sustainable Approach to Develop Gold Nanoparticles with Kalanchoe fedtschenkoi and Their Interaction with Protein and Dye: Sensing and Catalytic Probe	37500 to Neha Bhatt	Certificate to Mohan Singh Mehata					Eligible		37500
7	Aneesha	Applied Physics	In situ synthesis of WS2 QDs for sensing of H2O2: Quenching and recovery of absorption and photoluminescence	25000.00 to Aneesha	Certificate to Mohan Singh Mehata					Eligible		25000
8	Aneesha	Applied Physics	In situ synthesis of WS2 QDs for sensing of H2O2: Quenching and recovery of absorption and photoluminescence	Repeated						Not Eligible	Repeated with S. No.9	0

9	Rahul Kundra	Applied Physics	Device modelling of lead free (CH <sub>3</sub> NH <sub>3</sub> ) <sub>2</sub> CuX <sub>4</sub> based perovskite solar cells using SCAPS simulation	25000 to Rahul Kundra	25000 to Sarita Baghel				Eligible		50000
10	Yash Pathak	Applied Physics	DFT based atomic modeling and Analog/RF analysis of ferroelectric HFO <sub>2</sub> based improved FET device	16666.66 to Yash Pathak	16666.66 Bansi Dhar Malhotra	Certificate to Rishu Chaujar			Eligible		33333.34
11	Dr. Mohan Singh Mehata	Applied Physics	Selective picomolar detection of carcinogenic chromium ions using silver nanoparticles capped via biomolecules from flowers of Plumeria obtuse.	37500 to Mohan sikh Mehata	12500 to Samiksha Shukla				Eligible		50000
12	Dr. Mohan Singh Mehata	Applied Physics	Selectively probing ferric ions in aqueous environments using protonated and neutral forms of 7-azaindole as a multiparametric chemosensor.	37500 to Mohan sikh Mehata	12500 to Aneesha				Eligible		50000
13	Dr. Mohan Singh Mehata	Applied Physics	Effect of halide ions on the fluorescence properties of 3-aminoquinoline in aqueous medium	16666.66 to Mohan Singh Mehata					Eligible		16666.66
14	Dr. Mohan Singh Mehata	Applied Physics	In situ synthesis of WS <sub>2</sub> QDs for sensing of H <sub>2</sub> O <sub>2</sub> : Quenching and recovery of absorption and photoluminescence.	certificate to Mohan Singh Mehata					Eligible		0
15	Dr. Mohan Singh Mehata	Applied Physics	Excited-state properties of 6-methoxyflavone in the presence of halide ions in aqueous media	certificate to Mohan Singh Mehata					Eligible		0
16	Dr. Mohan Singh Mehata	Applied Physics	A sustainable approach to develop gold nanoparticles with Kalanchoe fedtschenkoi and their interaction with protein and dye: Sensing and catalytic probe	certificate to Mohan Singh Mehata					Eligible		0
17	Dr. Mohan Singh Mehata	Applied Physics	Design and development of four-layer anti-reflection coating stacks (ZnS and YF <sub>3</sub> Thin Films) for HgCdTe-based mid-wave infrared detectors	certificate to Mohan Singh Mehata					Eligible		0
18	Dr. Mohan Singh Mehata	Applied Physics	Structural, compositional, morphological and electrical characteristics of thermally evaporated Au Ohmic Contact on p-type HgCdTe substrate for possible infrared detectors	certificate to Mohan Singh Mehata					Eligible		0

19	Dr. Mohan Singh Mehata	Applied Physics	In situ synthesis of WS <sub>2</sub> QDs for sensing of H <sub>2</sub> O <sub>2</sub> : Quenching and recovery of absorption and photoluminescence.	certificate to Mohan Singh Mehata						Eligible		0
20	Dr. Mohan Singh Mehata	Applied Physics	Excited-state properties of 6-methoxyflavone in the presence of halide ions in aqueous media	certificate to Mohan Singh Mehata						Eligible		0
21	Dr. Mohan Singh Mehata	Applied Physics	A sustainable approach to develop gold nanoparticles with Kalanchoe fedtschenkoi and their interaction with protein and dye: Sensing and catalytic probe	certificate to Mohan Singh Mehata						Eligible		0
22	Priyanka	Applied Physics	Impurity-modulated physical and transport properties in a In <sub>x</sub> Ga <sub>1-x</sub> As double quantum wire	37500 to Priyanka	Certificate to Rinku Sharma					Eligible		37500
23	Priyanka	Applied Physics	Impact of impurity on the non-linear and linear optical properties of In <sub>x</sub> Ga <sub>1-x</sub> As quantum dot	37500 to Priyanka	Certificate to Rinku Sharma					Eligible		37500
24	Priyanka	Applied Physics	Effect of hydrostatic pressure and temperature on the ballistic conductance under the influence of Rashba spin-orbit coupling	25000 to Priyanka	Certificate to Rinku Sharma					Eligible		25000
25	Sheetal Kumari	Applied Physics	Structural and photoluminescence properties of Sm <sup>3+</sup> ions doped strontium yttrium tungstate phosphors for reddish-orange photonic device applications	33333.33 to Sheetal Kumari	8333.33 to RK Sinha	Certificate to A S Rao				Eligible		49999.99
26	Sheetal Kumari	Applied Physics	Prospective applications of thermally stable Dy <sup>3+</sup> doped potassium zinc strontium borate (KZSB) glasses in w-LEDs	25000 to Sheetal Kumari	Certificate to Anu Rohilla	5000 to Pooja Rohilla	Certificate to AS Rao			Eligible		30000
27	Kailash Chandra	Applied Physics	La <sup>3+</sup> substitution effect on structural and magnetic properties of frustrated Ho <sub>2</sub> Ti <sub>2</sub> O <sub>7</sub> pyrochlore	12500	Certificate to Vinod Singh					Eligible		25000
28	Rohan Bhatia	Applied Physics	Terahertz Metamaterial Absorber Based on Graphene with Properties Optimised by Investigation of Plasma Parameters for Improved Device Performance	30000 to Rohan Bhatia	5000 to Utkarsh Ramachandra	5000 to V. Anirudh	5000 to Mansha Kansal	Certificate to S C Sharma	Nil	Eligible		45000
29	Himank Sagar	Applied Physics.	Dust density effects on electron density gradient driven lower hybrid waves in magnetized plasma	25000 to Himank Sagar	Certificate to S C Sharma					Eligible		25000

30	Shristy Malik	Applied Physics.	PM2.5 observations of outdoor and indoor environment at Dwarka, New Delhi, India	Not eligible						Not Eligible	showing published on 31 October 2023 but not showing	0
31	RAJESH GUPTA	Applied Physics.	Beam Driven Growth of Lower Hybrid Wave in a Magnetized Relativistic Beam Plasma System	18750 to Rajesh Gupta	Certificate to S C Sharma					Eligible		18750
32	Bharti Singh	Applied Physics.	MoS2-PVDF/PDMS Based Flexible Hybrid Piezo-Triboelectric Nanogenerator for Harvesting Mechanical Energy	25000 to Bharati Singh	25000 to Vishal Singh					Eligible		50000
33	Bharti Singh	Applied Physics.	Polymer nanocomposite film based piezoelectric nanogenerator for biomechanical energy harvesting and motion monitoring	25000 to Bharati Singh	25000 to Shilpa Rana					Eligible		50000
34	Bharti Singh	Applied Physics.	One step hydrothermal synthesis of MoS2-SnO2 nanocomposite for resistive switching memory application	33333.34 to Bharati Singh	8333.33 to Km Komal	8333.33 to Mukhtiyar Singh				Eligible		50000
35	Yogita Kalra	Applied Physics.	Ultra-narrow band perfect absorber for sensing applications in the visible region	12500 to Yogita Kalra	12500 to Ritika Ranga	12500 to Kamal Kishor	not DTU			Eligible		37500
36	Pawan Kumar Tyagi	Applied Physics.	Potential application of novel graphene/diamane interface in silicon-based heterojunction with intrinsic thin layer solar cell	16666.6 to Pawan Tyagi	16666.6 to Naima	Certificate To Vinod Singh				Eligible		33333.34
37	Vishal Singh	Applied Physics.	PDMS/PVDF-MoS2 based flexible triboelectric nanogenerator for mechanical energy harvesting	37500	Certificate to Bharti Singh					Eligible		37500
38	Prof. Ravindra Kumar Sinha	Applied Physics.	Studies on temperature-dependent bandgap and gap-to-midgap ratio in diamond lattice photonic crystal with biosensing applications	16666.6 to R K Sinha	16666.6 to Varnam Sherawat	16666.6 to Renuka Bokolia				Eligible		50000
39	ANCHALI JAIN	Applied Physics.	Tuning the electrical and cycling performance of nickel manganese oxide hexagonal-shaped particles via preparation routes for Lithium-ion Batteries	16666.6 to Anchali Jain	16666.6 to Amrish K Panwar	16666.6 to Pawan K Tyagi				Eligible		50000

40	Prof. Rinku Sharma	Applied Physics.	Impact of Impurity on the Mean Energy, Heat Capacity, Free Energy, Entropy and Magnetocaloric Effect of Ga <sub>1-x</sub> Al <sub>x</sub> As Quantum Wire.	30000 to Rinku Sharma	5000 to Sakshi Arora	5000 to Yash Gupta	5000 to Pranay Khosla	5000 to Priyanka		Eligible		50000
41	Prof. Rinku Sharma	Applied Physics.	Hydrostatic Pressure Effect on the Thermodynamic Properties of Quantum Wire Under a Crossed Electromagnetic Field.	30000 to Rinku Sharma	5000 to Sakshi Arora	5000 to Yash Gupta	5000 to Pranay Khosla	5000 to Priyanka		Eligible		50000
42	Prof. Rinku Sharma	Applied Physics.	Thermodynamic Properties of Conical Quantum Dot Modulated by External Fields and Rashba Spin-Orbit Interaction	30000 to Rinku Sharma	5000 to Sakshi Arora	5000 to Yash Gupta	5000 to Pranay Khosla	5000 to Priyanka		Eligible		50000
43	Prof. Vinod Singh	Applied Physics.	Structural and optical studies on Dy <sup>3+</sup> doped Gd <sub>2</sub> Ti <sub>2</sub> O <sub>7</sub> pyrochlore as white light emission	16666.7 to Vinod Singh	16666.7 to Umang Berwal	certificate to Prof. Rinku Sharma				Eligible		33333.4
44	Prof. Vinod Singh	Applied Physics.	Effect of Ce <sup>4+</sup> →Ce <sup>3+</sup> conversion on the structural and luminescence properties of Ce <sup>4+</sup> doped Gd <sub>2</sub> Ti <sub>2</sub> O <sub>7</sub> pyrochlore oxide	16666.7 to Vinod Singh	16666.7 to Umang Berwal	certificate to Prof. Rinku Sharma				Eligible		33333.4
45	Prof. Vinod Singh	Applied Physics.	Probing the influence of Ho <sup>3+</sup> doping on structural and magnetic properties of (Gd <sub>1-y</sub> Ho <sub>y</sub> ) <sub>2</sub> Ti <sub>2</sub> O <sub>7</sub> pyrochlore	12500 to Vinod Singh	12500 to Kailash Chandra					Eligible		25000
46	Kailash Chandra	Applied Physics.	La <sup>3+</sup> substitution effect on structural and magnetic properties of frustrated Ho <sub>2</sub> Ti <sub>2</sub> O <sub>7</sub> pyrochlore							Not Eligible	Repeat entry with S. No.27	0
47	Richa Sharma	Applied Physics.	A flexible piezoelectric generator based on KNN/PVDF composite films: Role of KNN concentration on the piezoelectric performance of generator	25000 to Richa Sharma	25000 to Komal Verma					Eligible		50000
48	Priya	Applied Physics.	Utilization of Active Carbon Black With SnO <sub>2</sub> /MoS <sub>2</sub> Nanocomposites for the Efficient Detection of NO <sub>2</sub> Molecules	18750 to Priya	Certificate to Prof. Vinod Singh					Eligible		18750
49	Ashok	Applied Physics.	Structural, vibrational and electronic properties of Nb substituted orthovanadates LaV <sub>1-x</sub> Nb <sub>x</sub> O <sub>4</sub>	8333.33 to Ashok	Certificate to Prof. Vinod Singh					Eligible		8333.33

50	Anu	Applied Physics.	Efficient tunable photoluminescence of Dy <sup>3+</sup> /Eu <sup>3+</sup> co-doped OFSZBS glasses for warm white LEDs	15000 to Anu	Certificate to A S Rao				Eligible		15000
51	Anu	Applied Physics.	Novel orange-red-emitting Li <sub>2</sub> Ba <sub>5</sub> (WO <sub>5</sub> ) <sub>3</sub> :Eu <sup>3+</sup> phosphor for w-LEDs and non-contact thermometry applications	37500 to Anu	Certificate to A S Rao				Eligible		37500
52	Anu	Applied Physics.	Synthesis, Structural and Fluorescence Investigations of Novel Li <sub>2</sub> Ba <sub>5</sub> W <sub>3</sub> O <sub>15</sub> : Sm <sup>3+</sup> Phosphors for Photonic Device Applications						Not Eligible	showing published but not showing pagination details	0
53	Prof Rishu Chaujar	Applied Physics.	Sensitivity Investigation of Junctionless Gate-all-around Silicon Nanowire Field-Effect Transistor-Based Hydrogen Gas Sensor	25000 to Rishu Chaujar	25000 to Mekonnen Getnet				Eligible		50000
54	Prof Rishu Chaujar	Applied Physics.	Small signal and noise analysis of T-gate HEMT with polarization doped buffer for LNAs	16666.7 to Rishu Chaujar	16666.7 to Megha Sharma	16666.7 to Bhavya Kumar			Eligible		50000
55	Prof Rishu Chaujar	Applied Physics.	Polarization induced doping and high-k passivation engineering on T-gate MOS-HEMT for improved RF/microwave performance	16666.7 to Rishu Chaujar	16666.7 to Megha Sharma	16666.7 to Bhavya Kumar			Eligible		50000
56	Yash Pathak	Applied Physics.	DFT based atomic modeling and Analog/RF analysis of ferroelectric HfO <sub>2</sub> based improved FET device						Not Eligible	Repeat with no. 10	0
57	Deepali	Applied Physics.	Structural and photoluminescence features of thermally stable red-emitting Pr <sup>3+</sup> doped sodium calcium metasilicate phosphor for w-LED applications	25000 to Deepali	Certificate to M. Jayasimhadri				Not Eligible	Repeated with S. No.66	0
58	Shivangi Rajput	Applied Physics.	Study of Lithium diffusion properties and electrochemical performance of SnSe/C and SnSe/MWCNT composite anode for Li-ion Batteries	16666.7 to Shivangi Rajput	16666.7 to Amrish K Panwar				Eligible		33334

59	Dr Mukhtiyar Singh	Applied Physics.	Augmented thermoelectric performance of LiCaX (X = As, Sb) Half Heusler compounds via carrier concentration optimization	25000 to Mukhtiyar Singh	25000 to Sangeeta					Eligible		50000
60	Dr Mukhtiyar Singh	Applied Physics.	Monoclinic to cubic structural transformation, local electronic structure, and luminescence properties of Eu-doped HfO <sub>2</sub>	8333 to Mukhtiyar Singh	2777 to Rajesh Kuamr					Elgibile		11111
61	Professor A.S. Rao	Applied Physics.	Energy transfer induced colour tunable photoluminescence performance of thermally stable Sm <sup>3+</sup> /Eu <sup>3+</sup> co-doped Ba <sub>3</sub> MoTiO <sub>8</sub> phosphors for white LED applications	37500 to A S Rao	12500 to Pooja Rohilla					Elgibile		50000
62	Professor A.S. Rao	Applied Physics.	Luminescence and optical thermometry strategy based on emission spectra of Li <sub>2</sub> Ba <sub>5</sub> W <sub>3</sub> O <sub>15</sub> :Pr <sup>3+</sup> phosphors	37500 to A S Rao	Certificate to Anu					Elgibile		37500
63	Professor A.S. Rao	Applied Physics.	Down-shifting photoluminescent properties of Tb <sup>3+</sup> doped phosphate glasses for intense green-emitting devices applications	37500 to A S Rao	12500 to Kartika Maheshwari					Elgibile		50000
64	Dr. M. JAYASIMHADRI	Applied Physics.	Effect of sensitizer on the luminescence of thermally stable Eu <sup>3+</sup> -activated metasilicate phosphor for solar cell applications	37500 to M. Jayasimhadri	12500 to Deepali					Elgibile		50000
65	Dr. M. JAYASIMHADRI	Applied Physics.	Exploration of efficient photoluminescence properties of intense green emitting Er <sup>3+</sup> activated NaBi(MoO <sub>4</sub> ) <sub>2</sub> phosphor for white LED applications	31250 to M. Jayasimhadri	6250 to Muskan	6250 to Pranjali Sharma	6250 to Deepali			Elgibile		50000
66	Dr. M. JAYASIMHADRI	Applied Physics.	Structural and photoluminescence features of thermally stable red-emitting Pr <sup>3+</sup> -doped sodium calcium metasilicate phosphor for w-LED applications	25000 to M. Jayasimhadri	25000 to Deepali					Eligible		50000
67	Sandeep Sharma	Applied Physics.	Thermally stable illuminating characteristics of Tb <sup>3+</sup> /Sm <sup>3+</sup> ions activated BaO-SrO-Al <sub>2</sub> O <sub>3</sub> -B <sub>2</sub> O <sub>3</sub> -SiO <sub>2</sub> glasses for photonic applications	31250 to Sandeep Sharma	6250 to Sumandeep Kaur	Certificate to A S Rao	6250 to Kamal Kishor			Elgibile		43750

68	Sandeep Sharma	Applied Physics.	Thermally stable illuminating characteristics of Tb <sup>3+</sup> /Sm <sup>3+</sup> ions activated BaO–SrO–Al <sub>2</sub> O <sub>3</sub> –B <sub>2</sub> O <sub>3</sub> –SiO <sub>2</sub> glasses for photonic applications							Not Eligible	Duplicate paper as serial no. 67	0
69	Pooja Rohilla	Applied Physics.	Structural and Luminescence studies on Bi <sup>3+</sup> activated Ba <sub>3</sub> MoTiO <sub>8</sub> phosphor for near UV pumped w-LED applications	25000 to Pooja Rohilla	Outside DTU	Certificate Only				Eligible		25000
70	Rajesh Kumar	Applied Physics.	An ab-initio study of induced half metallic ferromagnetism in Hf–Nb alloy oxides	20835 to Rajesh Kumar	4166 to Sangeeta	4166 to Ramesh Kumar	Certificate to Mukhtiyar Singh			Eligible		29167
71	Bhavya Kumar	Applied Physics.	Junctionless-accumulation-mode stacked gate GAA FinFET with dual-k spacer for reliable RFIC design	33333.333 to Bhavya Kumar	8333.333 to Megha Sharma	Certificate to Rishu Chaujar				Eligible		41666
72	Umang	Applied Physics.	Influence of Al <sup>3+</sup> codoped ions for the improvement of orange reddish light emitting photoluminescence characteristics of Gd <sub>2</sub> Ti <sub>2</sub> O <sub>7</sub> :Eu <sup>3+</sup> Pyrochlore	10000 to Umang	Certificate to Vinod Singh	Certificate to Rinku Sharma	10000 to Ashok Kumar			Eligible		20000
73	Dr. Yasha Tayal	Applied Physics.	Spectral characterization and energy transfer study of Nd <sup>3+</sup> /Yb <sup>3+</sup> in borosilicate glasses	17856 to Yasha Tayal	3571.429 to Kartika Maheshwari	3571.429 to Mohit Kumar	Certificate to A S Rao			Eligible		24998
74	SUMAN DAHIYA	Applied Physics.	Study of third harmonic generation in In <sub>x</sub> Ga <sub>1-x</sub> As semi-parabolic 2-D quantum dot under the influence of Rashba spin-orbit interactions (SOD): Role of magnetic field, confining potential, temperature & hydrostatic pressure	25000 to Suman Dhaiya	Certificate to Rinku Sharma					Eligible		25000
75	Dr. Kartika Maheshwari	Applied Physics.	Spectroscopic studies of Pr <sup>3+</sup> doped red-emitting BaO–ZnO–Li <sub>2</sub> O–P <sub>2</sub> O <sub>5</sub> glasses for luminescent devices applications	15000 to Kartika Maheshwari	7500 to Yasha Tayal	Certificate to A S Rao				Eligible		22500
76	Dr. Kartika Maheshwari	Applied Physics.	Thermally stable multi-color emitting Dy <sup>3+</sup> /Eu <sup>3+</sup> co-doped BaO–ZnO–Li <sub>2</sub> O–P <sub>2</sub> O <sub>5</sub> glasses for w-LEDs	16666.67 to Kartika Maheshwari	4166.66 to Yash Tayal	Certificate to A S Rao				Eligible		20833.34



77	Rajat Bajaj	Applied Physics.	Thermally stable Sm <sup>3+</sup> -doped alkali zinc alumino borosilicate (AZABS) glass for warm white light generation and w-LED applications	16666.67 to Rajat Bajaj	416.66 to Pooja Rohilla	Certificate to A S Rao				Elgibile		20833.34
78	Renuka Bokolia	Applied Physics.	Efficient tunable temperature sensitivity in thermally coupled levels of Er <sup>3+</sup> /Yb <sup>3+</sup> co-doped BaBi <sub>2</sub> Nb <sub>2</sub> O <sub>9</sub> ferroelectric ceramic	25000 to Renuka Bokolia	25000 to Ankita Banwal	NA	NA	NA		Elgibile		50000
79	Bhavya Kumar	Applied Physics.	Gate electrode work function engineered JAM-GS-GAA FinFET for analog/RF applications: Performance estimation and optimization	33333.333 to Bhavya Kumar	8333.333 to Megha Sharma	Certificate Only	NA	NA		Elgibile		41666
80	Richa Paijwar	Applied Physics.	Theoretical study of the atomic parameters, plasma parameters and photoionization of W LXIV.	37500 to Richa Paijwar	Certificate to Rinku Sharma					Eligible		37500
81	Richa Paijwar	Applied Physics.	Study of SXR and HXR transitions with intensity spectra of W LXIX.	25000 to Richa Paijwar	Certificate to Rinku Sharma					Elgibile		25000
82	Sumandeep Kaur	Applied Physics.	Deep red emission from rare-earth-free calcium aluminozincate phosphor with the substitution of Cr <sup>3+</sup> ion							Not Eligible	Journal Not listed in award category	0
83	NITIN KUMAR PURI	Applied Physics.	Diving deep into the milky way using anti-reflection coatings for astronomical CCDs	17500 to Nitin Puri	10000 to Anmol Aggarwal	10000 to Ashi Mittal				Eligible		37500
84	NITIN KUMAR PURI	Applied Physics.	Zinc oxide incorporated molybdenum diselenide nanosheets for chemiresistive detection of ethanol gas	25000 to Nitin Puri	25000 to Nikita Jain					Eligible		50000
85	NITIN KUMAR PURI	Applied Physics.	Graphene oxide-Mn <sub>3</sub> O <sub>4</sub> nanocomposites for advanced electrochemical biosensor for fumonisins B <sub>1</sub> detection	10000 to Nitin Puri	10000 to Sandeep Sarpal					Eligible		20000
86	VIBHA SHARMA	Applied Physics.	Structural, optical, and luminescence properties of Dy <sup>3+</sup> -activated potassium calcium silicate phosphor for white light-emitting diodes	19999 to Vibha Sharma	6666 to Shreya Maurya	Certificate to Anu	Certificate to A S Rao			Eligible		26665