



Dr. N.G.P. ARTS AND SCIENCE COLLEGE

An Autonomous Institution, Affiliated to Bharathiar University, Coimbatore
Approved by Government of Tamil Nadu & Accredited by NAAC with 'A' Grade (2nd Cycle)
DST-FIST DBT-Star College Scheme
Dr. N.G.P.-Kalapatti Road, Coimbatore-641 048, Tamil Nadu, India.

Department of Physics

Department Activities : (2021-2022)

1. Guest Lecture/Invited Lecture

S. No.	Date	Name and Designation of the Resource Person	Topic	Venue	Beneficiary
1	28-Dec-21	Mr.B. Krishnakumar Newtechnology mobile service & training institute, Coimbatore	Advanced technologies and troubleshooting for smartphone services	Online Google meet	41
2	30-Nov-21	Dr Ranjith G Nair Assistant Professor (Grade I) Department of Physics, National Institute of Technology Silchar, Assam	Role of semiconductor heterojunction in solar photocatalysis	Online Google meet	60
3	29-Nov-21	Dr. K. Somasundaram Assistant Professor Department of Physics Sree Saraswathi Thyagaraja College Pollachi	Metal oxide nano phosphorus for solid state lighting applications	Online Google meet	50
4	29-Nov-21	Dr J Kalyanasundar, Assistant professor, Department of Physics, Periyar University, Salem	Invisible imaging technique	Online Google meet	55
5	29-Nov-21	Dr. B. Saravana Kumar, Assistant Professor, Mahalingam College of Engineering and Technology, Pollachi	Nano structured metal oxides for Super capacitor applications	Online Google meet	60

6	27-Nov-21	Dr. Infant Solomon Vinoth, Post-Doctoral research Fellow, FCIPT, Institute for Plasma Research, Gujarat	Introduction to plasma science and its emerging applications	Online Google meet	55
7	26-Nov-21	Dr.V.Ragavendran, Assistant Professor, Department of Physics, Sri ChandrasekharendraSaraswathiViswaM ahavidyalaya University (SCSVMV), Deemed university, Kanchipuram, Tamil Nadu	Applications of Spectroscopy	Online Google meet	60
8	26-Nov-21	Dr. SekarVijayakumar Post-Doctoral Research Scientist Marine College Shandong university Weihai, P.R.China -264209	Green Nanobiotechnology and its Nanomedical applications	Online Google meet	50
9	25-Nov-21	Dr.Phebekokila, Research Scholar, Department of Physics, SRM University, Chennai	Magnetic and magnetocaloric effect of perovskite materials	Online Google meet	60
10	25-Nov-21	Dr. K. Suresh, Assistant Professor, Department of Physics, Sri Ramakrishna Mission Vidyalyaya College of Arts and Science, Coimbatore - 20	Academic and research opportunity in physics for excellence	Online Google meet	60

2. Seminar /Workshop Conferences organized

S. No.	Date	Nature of the Event (Conference/ Seminar/Workshop)	Number of External Participants	Title of the Event	Name & Designation of the Speakers	Name & Affiliation Chair & Co-chair	Funding Agency	Total Funding
1	6&7 – May- 22	Joint Outreach Programme	62	Joint Outreach Programme on Remote Sensing & GIS under Prakriti, ICFRE	1.Dr. C. Kunhikannan, Director, Institute of Forest Genetics and Tree Breeding, Coimbatore 2. Dr. A. Rajasekaran, Scientist F, Forest Ecology and Climate	Nil	Nil	Nil

					Change, Institute of Forest Genetics and Tree Breeding, Coimbatore 3. Scientist F, Chemistry and Bioprospecting Division Institute of Forest Genetics and Tree Breeding, Coimbatore			
2	11-Oct-21	Seminar	185	X-ray Diffraction technique and its analysis	Dr. P. Rajasekar Assistant Professor, Department of Chemistry, School of Advanced Sciences, Vellore Institute of Technology, Tamilnadu	Nil	Nil	Nil
3	21-Oct-21	Seminar	99	AI: State Space Search and Charles Darwin	Mr. Hindol Bhattacharya, Senior research fellow (DST- INSPIRE), School of Education Technology, Jadavpur University Kolkata 700 032	Nil	Nil	Nil
4	25-Sep-21	Workshop	165	Phase identification of polycrystalline materials using xrd data in softwares	Dr. K. Saravanakumar, Assistant professor, department of Physics, sri s. Ramasamynaidu memorial college, Sattur, Tamilnadu - 626203	Nil	Nil	Nil
5	11-Sep-21	Seminar	46	Tricks to crack competitive examinations	Mr. U.surendar, trainer, Race academy institution, Salem	Nil	Nil	Nil

3. Awards and Prizes for Staff

S. No.	Name of the Staff	Name of the Award	Awarded by	Cash Prize (If any)	Date
1	Dr. S S. Kanmani	Best work paper	Dr. NGP Arts and Science College	Nil	11-May-22
2	Dr.N.Priyadharsini	Best faculty	Dr. NGP Arts and Science College	Nil	11-May-22
3	Dr.N.Priyadharsini	Fellowship	Dr. NGP Arts and Science College	Nil	11-May-22

4	Dr.N.Priyadharsini	mentor	Dr. NGP Arts and Science College	Nil	11-May-22
5	Mrs.A.Saravanapriya	Achiever in fellowship (TNSCST – SPS)	Dr. NGP Arts and Science College	Nil	11-May-22
6	Mrs.A.Saravanapriya	Best Club in Academic club(Astronomy Club)	Dr. NGP Arts and Science College	Nil	11-May-22
7	Dr. K. Girija	Award for Fellowship	Dr. NGP Arts and Science College	Nil	11-May-22
8	Dr. K. Girija	Poster Presentation – First Prize	World Sensor Congress-Centre for Materials for Electronics Technology, Thrissur	Nil	8-10 March- 22
9	Dr. S S. Kanmani	Incentive for publications	Dr. NGP Arts and Science College	1000	02-Nov-21
10	Dr. K Girija	Incentive for Book Chapter	Dr. NGP Arts and Science College	1000	02-Nov-21
11	Dr.V Gopalakrishnan	Incentive for publications	Dr. NGP Arts and Science College	3000	02-Nov-21
12	Dr.R.Karunathan	Incentive for Book Chapter	Dr. NGP Arts and Science College	2000	02-Nov-21

4. Staff Recognitions:

S. No.	Name of the Staff	Acted As	Name of the Programme	Date	Venue
1	Dr. K. Girija	Chair- Technical Session	International Conference on Materials Science and manufacturing Technology	8-Apr-22	Online- ICMSMT 2022
2	Dr.N.Priyadharsini	Chair- Technical Session	International Conference on recent advances in Engineering Materials	03-Mar-22	Online- ICRAEM 2022
3	Dr. DeepannitaChakraborty	Alumni Resource Person	Alumni Talk on “Research Friendly Software for Review and Bibliography”	24-Dec-21	Vellore Institute of Technology, Vellore (Online mode)
4	Dr. DeepannitaChakraborty	Resource Person	Lecture on “Pathway to Origin” in “Introduction to Research Based Characterization Tools and Techniques (Virtual International Workshop)”	24-Aug-21	Rathinam College of Arts and Science
5	Dr.N.Priyadharsini	Resource Person	Lecture on Aspiring Science field for future generation	05-Aug-21	Rathinam College of Arts and Science, Coimbatore
6	Dr. C Selvakumar	Member	Board of Studies –Physics	30-Jul-21	Hindustan College of Arts and Science Coimbatore -28.

5. Staff Participation

S. No.	Date	Name of the Faculty	Name of the Workshop/FDP/Training Programme	College
1	02-Apr 22	Dr. M.R. Ananthan	FDP on “Nuclear AstroPhysics”	NPTEL-AICTE
2	1-9 -Mar-22	Dr S.S .Kanmani	FDP on spectra of Physics	PSGR Krishnammal College for women, coimbatore
3	1-9- Mar- 22	Mrs A Saravanapriya	FDP on spectra of Physics	PSGR Krishnammal College for women, coimbatore
4	5-Mar -22	Dr. M. R. Ananthan	FDP on “Thoughts of Teaching”	IIT Hyderabad
5	4-5 -Mar-22	Dr. K. Girija	DST-SERB Sponsored National Workshop on Nanomechanical and Tribological Characterization of Materials	Sathyabama Institute of Science and Technology
6	15-16 Feb - 22	Dr. K. Girija	International Online Workshop on Materials Science and Computational Methods	Jamal Mohamed College, Tiruchirappalli
7	24-Jan -22 to 29-Jan-22	Dr. M. R. Ananthan	Five days IQAC FDP series	Sankara College of Science and Commerce, Coimbatore
8	25-Jan-22	Dr.N.Priyadharsini	FDP on Emerging Innovative Trends in quality research paper writing and publishing in right journals	Sri G.V.G. Visalkshi College for women
9	07-Jan-22 to 09-Jan-22	Dr.DeepannitaChakraborty	Workshop on "Thin Film Deposition and Device Fabrication"	Vellore Institute of Technology, Vellore
10	6-Jan-22	Dr.N.Priyadharsini	E-Awareness Workshop in NPTEL	NPTEL team, IIT Madras
11	27-Oct-21	Dr. M.R. Ananthan	International Conference on Advanced Energy Materials and Applications	Hindustan College of Arts and Science
12	23-Oct-21	Dr C Selva Kumar	E - Seminar AI: State Space Search and Charles Darwin	Dr.N.G.P Arts and Science College, Coimbatore
13	23-Oct-21	Dr.R.Karunathan	E - Seminar AI: State Space Search and Charles Darwin	Dr.N.G.P Arts and Science College, Coimbatore
14	23-Oct-21	Dr. P.Sakthivel	E - Seminar AI: State Space Search and Charles Darwin	Dr.N.G.P Arts and Science College, Coimbatore
15	23-Oct-21	Dr. R. Dilip	E - Seminar AI: State Space Search and Charles Darwin	Dr.N.G.P Arts and Science College, Coimbatore
16	23-Oct-21	Dr. V. Gopala Krishnan	E - Seminar AI: State Space Search and Charles Darwin	Dr.N.G.P Arts and Science College, Coimbatore

17	21-Oct-21	Dr. K. Girija	E- Seminar on AI: State Space Search and Charles Darwin	Dr.N.G.P Arts and Science College, Coimbatore
18	16-Oct-21	Dr. M.R. Ananthan	National Virtual Conference on Smart Materials 2021	Chettinad academy of research and Education
19	13-Oct-21	Dr. M.R. Ananthan	One Day National e-Conference on New perspective and Oppertunities in Physics (NCNPOP-2021)	VasanthraoNaik Art's, Commerce and Science College,
20	11-Oct-21	Dr C Selva Kumar	E - Seminar X-ray Diffraction Technique and its Analysis	Dr.N.G.P Arts and Science College, Coimbatore
21	11-Oct-21	Mrs.R.Revathi	E - Seminar X-ray Diffraction Technique and its Analysis	Dr.N.G.P Arts and Science College, Coimbatore
22	11-Oct-21	Dr. K. Girija	E - Seminar X-ray Diffraction Technique and its Analysis	Dr.N.G.P Arts and Science College, Coimbatore
23	11-Oct-21	Dr. E.M Koushika	E - Seminar X-ray Diffraction Technique and its Analysis	Dr.N.G.P Arts and Science College, Coimbatore
24	29-Sep-21	Dr. V. Gopala Krishnan	Earth-abundant and Ultra-low Cost Metal Sulfo-Selenides for Photovoltaic Application	G. T. N. Arts College (Autonomous), Dindigul
25	29-Sep-21	Dr C Selva Kumar	E-Workshop on Phase identification of polycrystalline materials using XRD data in software	Dr.N.G.P Arts and Science College, Coimbatore
26	25-Sep-21	Dr.DeepannitaChakraborty	E-Workshop on Phase identification of polycrystalline materials using XRD data in software	Dr.N.G.P Arts and Science College, Coimbatore
27	25-Sep-21	Mrs.A.Saravanapriya	E-Workshop on Phase identification of polycrystalline materials using XRD data in software	Dr.N.G.P Arts and Science College, Coimbatore
28	25-Sep-21	Dr.S.S.Kanmani	E-Workshop on Phase identification of polycrystalline materials using XRD data in software	Dr.N.G.P Arts and Science College, Coimbatore
29	25-Sep-21	Dr. R. Dilip	e - WORKSHOP ON Phase Identification of Polycrystalline Materials using XRD data in Software	Dr.N.G.P Arts and Science College, Coimbatore
30	25-Sep-21	Dr. P.Sakthivel	e - workshop on Phase Identification of Polycrystalline Materials using XRD data in Software	Dr.N.G.P Arts and Science College, Coimbatore

31	25-Sep-21	Dr. V. Gopala Krishnan	e - workshop on Phase Identification of Polycrystalline Materials using XRD data in Software	Dr.N.G.P Arts and Science College, Coimbatore
32	25-Sep-21	Dr.N.Priyadharsini	E-Workshop on Phase identification of polycrystalline materials using XRD data in software	Dr.N.G.P Arts and Science College, Coimbatore
33	24, 25-Sep-21	Dr.R.Karunathan	e - workshop on Phase Identification of Polycrystalline Materials using XRD data in Softwares	Dr.N.G.P Arts and Science College, Coimbatore
34	24, 25-Sep-21	Dr. R. Dilip	Two day International Virtual workshop on Astrophotography	The New College, Chennai
35	24, 25-Sep-21	Dr. V. Gopala Krishnan	Two day International Virtual workshop on Astrophotography	The New College, Chennai
36	24- Sep- 21 to 28-Sep-21	Dr. V. Gopala Krishnan	FDP on "Novel Materials: Advances and Application	National Institute of Technology Raipur
37	21-Sep-21 to 24- Sep-21 & 28- Sep-21 to 30- Sep-21	Dr.DeepannitaChakraborty	Framework for Internet of Things (IoT) Applications	Dr.N.G.P Arts and Science College, Coimbatore
38	20-Sep-21 to 24- Sep-21	Dr. R. Dilip	FDP on "Nanoscience for Novel Materials"	ManakulaVinayagar Institute of Technology.
39	07- Sep-21 to 08- Sep-21	Dr. K. Girija	Online School-Cum- Workshop on Ion Beams in Sensor Development	Inter-University Accelerator Centre, New Delhi
40	23-Aug-21 to 27- Aug-21	Dr. K. Girija	Five days International Virtual Workshop on " Introduction to Research based Characterization Tools and Techniques- IRCTT 2021	Rathinam College of Arts and Science College, Coimbatore
41	23-Aug-21 to 27- Aug-21	Dr. R. Dilip	FDP on "Novel Materials"	SRM Institute of Management and Technology.
42	23-Aug-21 to 27- Aug-21	Dr.N.Priyadharsini	International Workshop on Introduction to research-based characterization tools and techniques	Rathinam College of Arts and Science College, Coimbatore
43	23-Jul-21	Dr. K. Girija	Tricks and Tips to Crack IIT-Jam, Gate, CSIR- NET Exams	RajapalayamRaju's College, Tamilnadu
44	4 June 2021	Dr. K. Girija	Seminar on Energy materials	Sathyabama Institute of Science and Technology

6. Staff Presentation

S. No.	Date	Name of the Faculty	Name of the Conference	Name of the title	College
1	16-18 Feb -22	Mrs A Saravanpriya	International Virtual Conference on Advanced Materials for Sustainable Energy and Environment	First principle study on Dihydrogen bond interaction in metal hydrides	PSGRKCW, Coimbatore
2	16-18 Feb -22	Mrs R Revathi	International Virtual Conference on Advanced Materials for Sustainable Energy and Environment	A Review on eco friendly melded nanocomposite of chitoson and green amalgamtion of Ag/ZnO Nanoparticles for food packaging	PSGRKCW, Coimbatore
3	02-04 Feb -22	Dr. M.R. Venkatraman	Indo-Norwegian International Online Conference on Functional materials for Energy, Environment and Biomedical Applications	Characterization of Plasma Assisted Chemical Vapor DepositedHydrogenated Carbon (a-C:H) films and Its Solar Cell Characteristics	Madurai Kamaraj University, Madurai
4	1-Dec-3-Dec -21	Dr. M.R. Venkatraman	Second International online winter school on Design, Fabrication and Application of Solar Energy Conversion Devices	Performance of Ag incorporated TiO ₂ nanoparticles prepared through simple photoreductiontechnique as photoanode for DSSC	Research Council of Norway
5	01-Dec-21 to 03-Dec-21	Dr. M.R. Venkatraman	Second International online winter school on Design, Fabrication and Application of Solar Energy Conversion Devices organized within the project “COOL LONGBOAT” funded by the Research Council of Norway	Performance of Ag incorporated TiO ₂ nanoparticles prepared through simple photoreduction technique as photoanode for DSSC	Madurai Kamaraj University, Madurai

6	29-Oct-21,30-Oct- 21	Mrs.R.Revathi	Virtual international conference on functional materials and its application aspects (ICFMAA – 2021)	Characterization of Silver nanoparticle Synthesized from Greens method	Saveetha School of engineering
7	21-Oct-21	Dr. N.Priyadharsini	International Virtual Conference on Global Advanced Trends in Applied Mathematics, Physical Sciences and Humanities (ICGAMPH – 2021)	Plant Mediated Synthesis of pure and Ni Doped ZnO Nanoparticles Using Azadirachta indica for Antibacterial Application	Sri Ramakrishna Institute of Technology, Coimbatore
8	21-Oct-21	Dr. K. Girija	International Virtual Conference on Global Advanced Trends in Applied Mathematics, Physical Sciences and Humanities (ICGAMPH – 2021)	Structural and Optical analysis of Selfassembled Nanostructure Spindles of Copper Oxide using facile Wet Chemical Method	Sri Ramakrishna Institute of Technology, Coimbatore
9	21-Oct-21	Dr.DeepannitaChakraborty	International Virtual Conference on Global Advanced Trends in Applied Mathematics, Physical Sciences and Humanities (ICGAMPH – 2021)	Effect of Magnesium and Aluminium substitution in Zinc ferrite nanoparticles synthesized by lemon peel extract assisted co-precipitation method.	Sri Ramakrishna Institute of Technology, Coimbatore
10	14-Aug-21	Dr.DeepannitaChakraborty	2nd Virtual Conference on Recent Advances in Technology and Engineering	Impact of oxidation number on the structural and optical properties of Sn doped ZnO nanoparticles	VEMU Institute of Technology
11	13-Aug-21	Dr.DeepannitaChakraborty	2nd Virtual Conference on Recent Advances in Technology and Engineering	Effect of Annealing on Structural and Optical Properties of Mn:ITO Thin Film	VEMU Institute of Technology

7. Students Presentation

S.no	Date	Name of the student	Name of the event	Name of the title	College
------	------	---------------------	-------------------	-------------------	---------

1	28-Feb-22	Jawahar Raja P	Science Day Celebration	Solar Observations ; The Space And The Stellar	Hindustan College Of Arts And Science
2	21-Oct-21	Jothika M	International Virtual Conference on Global Advanced Trends in Applied Mathematics, Physical Sciences and Humanities (ICGAMPH – 2021)	Synthesis and characterization of ZnO nanopowders by thermal plasma technique	Sri Ramakrishna Institute of Technology, Coimbatore

8. Staff Publication

S. No.	Name of the Faculty	Title	Journal Name	ISSN / ISBN No. Date of publishing Vol. No.	Impact Factor	SCI/WoS/UGC/SSCI/Scopus
1	Dr. M.R. Venkatraman	Rubik's cube shaped organic template free hydrothermal synthesis and characterization of zeolite NaA for CO ₂ adsorption	Fuel	0016-2361, Volume 317, 1 June 2022, 123492	6.6	SCI/WoS/UGC/SSCI/Scopus
2	Dr. M.R. Venkatraman	Synthesis and characterization of nickel doped TiO ₂ nanoparticles by green method and its performance as dye sensitized solar cells photoanodes	International Journal of Energy Research	1099-114X, 28 January 2022, 10.1002/er.7677	5.1	SCI/WoS/UGC/SSCI/Scopus
3	Dr. M.R. Venkatraman	Synthesis of Ag-incorporated TiO ₂ nanoparticles by simple green approach as working electrode for dye sensitized solar cells	Mater Sci: Mater Electron	0957-4522, 09 January 2022, 10.1007/s10854-021-07685-6	2.4	Scopus
4	Dr. M.R. Venkatraman	Performance of simple green synthesized Ag incorporated TiO ₂ nanoparticles based photoanodes by doctor-blade coating as working electrodes for dye sensitized solar cells	Progress in Organic Coatings	0300-9440, Volume 164, March 2022, 106697	5.1	SCI/WoS/UGC/SSCI/Scopus

5	Dr. K. Girija	Coherently designed sustainable SERS active substrate of Ag/TiO ₂ hybrid nanostructures for excellent ultrasensitive detection of chlorpyrifos pesticide on the surface of grapes and tomatoes	Journal of Food Composition and Analysis	ISSN No.0889-1575, Dec. 2022, Issue106, pp-104330	4.55	Scopus
6	N.Priyadharsini	Plant Mediated synthesis of ZnO and Mn doped ZnO Nanoparticles using Carica Papaya Leaf Extract for Antibacterial applications	Asian Journal of Applied Science and Technology	2456-883X		
7	Dr. Deepannita Chakraborty	Effect of vacuum annealing on structural, optical and magnetic properties of Sn doped ZnS thin films	Optical Materials	0925-3467	3.08	Wos
8	Dr.P.Sakthivel	Preparation and Characterization of Mg Doped ZnAl ₂ O ₄ Spinel Nanoparticles	Journal of Nanoscience and Nanotechnology	ISSN 1533-4880 (Print) Volume 21, Number 11, November 2021, pp. 5659-5665(7)	1.354	Scopus
9	Mrs.A.Saravanapriya	Molecular Insights on the Dihydrogen Bond Properties of Metal Borohydride Complexes upon Ammoniation	ECS Journal of Solid State Science and Technology	Volume 10. 14 September 2021	2	Scopus
10	Mrs.A.Saravanapriya	Impact of Electronegativity on the dihydrogen bond formation in MH...NH Complexes	Advances in applied research	Volume 13, January 2022, 13-17	-	-

9. Co-curricular Activities

S. No.	Name of the Event	Date	Venue	Prize won
1	Science day – Spectra 22	28-Feb-22	Online	
2	World Space Week Celebration	10-Oct-21	Online	NA

10. Students Participation**11.**

S. No.	Date	Name of the Students	Event	College	Inter Collegiate / Inter Departmental	Prizes won
1	11-May-22	M Sowtharya	Proficiency Award	Dr.NGP Arts and science College		I St Price
2	11-May-22	Cathrin G	Proficiency Award	Dr.NGP Arts and science College		I St Price
3	11-May-22	Dhanush S	NPTEL Elite Achievers awards	Dr.NGP Arts and science College		Participation
4	11-May-22	Viveka C	Star Performer Award	Dr.NGP Arts and science College		Nil
5	11-May-22	Anjana Ganesh P	Proficiency Award	Dr.NGP Arts and science College		I St Prize
6	11-May-22	GOODWIN ENOCH A	Best Review paper	Dr.NGP Arts and science College		Nil
7	11-May-22	Kishore Kumar V	Best Review paper	Dr.NGP Arts and science College		Nil
8	11-May-22	S. Rashika	Proficiency Award	Dr.NGP Arts and science College		I St Price

9	11-May-22	S.Dinesh	Proficiency Award	Dr.NGP Arts and science College		I St Price
10	28-Apr-22	Logeshwaran A	Fine Arts – Dr. NGP Fest-Drawing Competition	Dr.NGP Arts and science College		I St Prize
11	28-Apr-22	Rohith Stephen V	Fine Arts – Dr. NGP Fest-Quiz Competition	Dr.NGP Arts and science College		3 rd Price
12	13-Apr-22	G RANJITHA	debate	Dr NGP ASC COIMBATORE		Participation
13	26-Mar-22	Ajithsivam P	A One Day Webinar On Synthesis And Applications Of Nanostructures	Sri Ramakrishna Engineering College	VISION NANO '22	Participation
14	24-Mar-22	Jawahar Raja P	Geospatial Technology For Water Resources	Isro - Indian Institute Of Remote Sensing - Dehradun	Research Publication	Participation
15	19-Mar-22	Jawahar Raja P	Recent Trends In Magnetic Astrophysics	Indian Institute Of Astrophysics - Kso	Workshop	Participation
16	18-Mar-22	M.Gokul	National level seminar	Periyar University,Salem		Participation
17	08-Mar-22	Viveka C	Women's day celebration (Poster presentation)	Dr.NGP Arts and science College		2 nd Prize
18	08-Mar-22	HARINI S	Face painting	Dr.NGP Arts and science College		1st prize

19	08-Mar-22	Rinisha R	Solo - Best student earn while learn award	Dr.NGP Arts and science College		Nil
20	07-Mar-22	Jawahar Raja P	Trends & Opportunities In Drones	Ministry Of Small, Micro Enterprises	Awareness Program	Participation
21	24-Feb-22	AJITHSIVAM P	National Level Webinar On Personality Development	Barns College Of Arts, Science And Commerce, Panvel	WEBINAR	Participation
22	24-Feb-22	Ajithsivam P	Spectra-2022	Dr.N.G.P Arts And Science College	CONNECTION	Participation
23	24-Feb-22	Ajithsivam P	Introduction To Quantum Computing And Its Industrial Applications	Vellore Institute Of Technology-Andhra Pradesh	GUEST LECTURE	Participation
24	28-Jan-22	Jawahar Raja P	Solar Observations ; The Space And The Stellar	Hindustan College Of Arts And Science	Science Paper Presentation	Participation
25	21-Jan-22	Ajithsivam P	Research Methodology	Barns College Of Arts,Science And Commerce,Panvel	National Level Webinar	Participation
26	21-Jan-2022	Jawahar Raja P	Research Methodology	Barns College Of Arts,Science And Commerce,Panvel	National Level Webinar	Participation
27	2020 - 2021	Jawahar Raja P	Scientist For A Day 2021 - 2022	National Aeronautics And Space Administration (Nasa)	International Appreciation	Participation

28	10-Jan-22	Jawahar Raja P	Remote Sensing Technologies And It's Applications	Isro - Indian Institute Of Remote Sensing	National Workshop (Hindi)	Participation
29	01-Jan-22	Logeshwaran A	Painting Competition	Kumaraguru Institutions	Collegiate	Participation
30	10-12 -Jan - 22	sharmila G	Symposium on Building Innovation and Entrepreneurial Ecosystem in Educational Institutions			
31	19-Jan-22	Pragadeesh D	e-Quiz	Muthurangam Govt.Arns college		Participation
32	10-Jan-22 to 12-Jan-22	Sharmila G	Symposium on Building Innovation and Entrepreneurial Ecosystem in Educational Institutions		Inter Collegiate / Inter Departmental	
33	01-Jan-22	Lokeshwaran A	Painting Competition		Intercollegiate	
34	16-Dec-21	Cathrin G	Spell Bee	Dr. N. G. P Arts and Science College	Inter Department	
35	16-Dec-21	Sneha.R	Spell Bee	Dr. N. G. P Arts and Science College	Inter Department	
36	16-Dec-21	Deepika.K	Spell Bee	Dr. N. G. P Arts and Science College	Inter Department	
37	16-Dec-21	ALKA MARIYA SOBHAN	Pen a Poem	Dr.N.G.P. Arts and Science College	Inter Departmental	I Prize
38	15-Dec-21	Lokeshwaran A	Drawing Competition	Dr.N.G.P Arts and Science College	Inter Department	Second Prize

39	21-Dec-21	SOWNDHARY A M	Quiz	KPRIET	Inter collegiate	
40	21-Dec-21	RANJITHA G	Quiz	KPRIET	Inter collegiate	
41	21-Dec-21	JAYANITHI T	Quiz	KPRIET	Inter collegiate	
42	21-Dec-21	HARINI K	Quiz	KPRIET	Inter collegiate	
43	21-Dec-21	HEMA T	Quiz	KPRIET	Inter collegiate	
44	21-Dec-21	NAVEEN KUMAR G	Quiz	KPRIET	Inter collegiate	
45	21-Dec-21	SIVA VAISHNAVI N	Quiz	KPRIET	Inter collegiate	
46	21-Dec-21	VASANTH V	Quiz	KPRIET	Inter collegiate	
47	21-Dec-21	MOHAVARSHI NI.R	Quiz	KPRIET	Inter collegiate	
48	21-Dec-21	ROHIT STEPHEN. V	Quiz	KPRIET	Inter collegiate	

49	21-Dec-21	BHAVYA T	Quiz	KPRIET	Inter collegiate	
50	21-Dec-21	GOKUL M	Quiz	KPRIET	Inter collegiate	
51	21-Dec-21	RAMYA R	Quiz	KPRIET	Inter collegiate	
52	21-Dec-21	APSARASREE M.V	Quiz	KPRIET	Inter collegiate	
53	21-Dec-21	UDHAYA SHANKARA S	Quiz	KPRIET	Inter collegiate	
54	15-Nov-21	R.Ramya	NPTEL	IISER- Bopal	-	-
55	12-Nov-21	Dhanush S	Webinar on Role of Machine Learning Application on Today and Tommorrow	Dr.M.G.R Educational and Research institute	Inter Collegiate	
56	12-Nov-21	Arunkumar S	Webinar on Role of Machine Learning Application on Today and Tommorrow	Dr.M.G.R Educational and Research institute	Inter Collegiate	
57	12-Nov-21	Logeshwaran A	Webinar on Role of Machine Learning Application on Today and Tommorrow	Dr.M.G.R Educational and Research institute	Inter Collegiate	
58	12-Nov 21	Jayanithi	Role Of Machine Learning Application Today And Tomorrow	Dr MGR Educational And Research Institute	Inter Collegiate	-

59	11-Nov-21 to 18-Nov-21	Rinisha R	Quiz	E.S. Arts And Science College	Inter Collegiate	-
60	11-Nov-21 to 18-Nov-21	Yamuna R	Quiz	E.S. Arts And Science College	Inter Collegiate	-
61	11-Nov-21	Biruntha K	Quiz	E. S Art's And Science College Villupuram	Inter Collegiate	-
62	11-Nov-21	Varsha S. G	Quiz	E. S Art's And Science College Villupuram	Inter Collegiate	-
63	11-Nov-21	Jayaprasanth	Quiz	E. S Art's And Science College Villupuram	Inter Collegiate	-
64	11-Nov-21	Varsha S G	Quiz	E. S Art's And Science College Villupuram	Inter Collegiate	-
65	11-Nov-21	Abhisa S	Quiz	E. S Art's And Science College Villupuram	Inter Collegiate	-
66	11-Nov-21	Varshini R	Quiz	E. S Art's And Science College Villupuram	Inter Collegiate	-
67	11-Nov-21	Dhivya S	Quiz	E. S Art's And Science College Villupuram	Inter Collegiate	-
68	11-Nov-21	Jothika M	Quiz	E .S Art's And Science College Villupuram	Inter Collegiate	-

69	11-Nov-21	Rishikesh	Online Uiz	Boson Physics Association	Inter Collegiate	-
70	23-Oct-21	M. Jayaprakash	NPTEL	Ion Digital Zone Idz	-	-
71	21-Oct-21	FeminSabu	E-Seminar	Dr. N. G. P Arts And Science College Coimbatore	Interdepartmental	-
72	21-Oct-21	Yamuna R	E- Seminar	DrNgp Arts And Science College	Interdepartmental	-
73	21-Oct-21	Biruntha K	E-Seminar	Dr. N. G. P Arts And Science College Coimbatore	Interdepartmental	-
74	21-Oct-21	Jothika M	E Seminar	Dr. N. G. P Arts And Science College Coimbatore	Interdepartmental	-
75	21-Oct-21	Dhanush S	State Space Search And Charles Darwin	Dr. N. G. P Arts And Science College Coimbatore	Interdepartmental	-
76	21-Oct-21	Sandhiya R	State Space Search And Charles Darwin	Dr. N. G. P Arts And Science College Coimbatore	Interdepartmental	-
77	21-Oct-21	Sharmila G	State Space Search And Charles Darwin	Dr. N. G. P Arts And Science College Coimbatore	Interdepartmental	-
78	21-Oct-21	Ravishankar M	State Space Search And Charles Darwin	Dr. N. G. P Arts And Science College Coimbatore	Interdepartmental	-

79	21-Oct-21	Srivasavi P	State Space Search And Charles Darwin	Dr. N. G. P Arts And Science College Coimbatore	Interdepartmental	-
80	21-Oct-21	Cathrin G	State Space Search And Charles Darwin	Dr. N. G. P Arts And Science College Coimbatore	Interdepartmental	-
81	21-Oct-21	Arun Kumar S	State Space Search And Charles Darwin	Dr. N. G. P Arts And Science College Coimbatore	Interdepartmental	-
82	21-Oct-21	KarthiksriramSp	State Space Search And Charles Darwin	Dr. N. G. P Arts And Science College Coimbatore	Interdepartmental	-
83	21-Oct-21	Lokeshwaran A	State Space Search And Charles Darwin	Dr. N. G. P Arts And Science College Coimbatore	Interdepartmental	-
84	21-Oct-21	Prabhakaran T	State Space Search And Charles Darwin	Dr. N. G. P Arts And Science College Coimbatore	Interdepartmental	-
85	21-Oct-21	Veerabathran R	State Space Search And Charles Darwin	Dr. N. G. P Arts And Science College Coimbatore	Interdepartmental	-
86	21-Oct-21	FeminSabu	State Space Search And Charles Darwin	Dr. N. G. P Arts And Science College Coimbatore	Interdepartmental	-
87	21-Oct-21	Jothika M	Paper Presentation	Sri Ramakrishna Institute Of Technology	Conference	-
88	21-Oct-21	Mohamed Sufiyan	E Seminar	Dr. N. G. P Arts And Science College Coimbatore	Inter Departmental	-

89	21-Oct-21	Yamuna R	E Seminar	Dr. N. G. P Arts And Science College Coimbatore	Inter Departmental	-
90	21-Oct-21	KaviyaPriya	E Seminar	Dr. N. G. P Arts And Science College Coimbatore	Inter Departmental	-
91	21-Oct-21	Rishikesh	E-Seminar: Ai: State Space Search And Charles Darwin	Dr. N. G. P Arts And Science College Coimbatore	Inter Departmental	-
92	11-Oct-21	Jothika M	E Seminar	Dr. N. G. P Arts And Science College Coimbatore	Interdepartmental	-
93	11-Oct-21	Priyadharshini S	E-Seminar	Dr. N. G. P Arts And Science College Coimbatore	Interdepartmental	-
94	11-Oct-21	Biruntha K	E-Seminar	Dr. N. G. P Arts And Science College Coimbatore	Interdepartmental	-
95	11-Oct-21	Dhanush S	X-Ray Diffraction Techniques And Its Analysis	Dr. N. G. P Arts And Science College Coimbatore	Interdepartmental	-
96	11-Oct-21	Keertan Sa	X-Ray Diffraction Techniques And Its Analysis	Dr. N. G. P Arts And Science College Coimbatore	Interdepartmental	-
97	11-Oct-21	Sharmila G	X-Ray Diffraction Techniques And Its Analysis	Dr. N. G. P Arts And Science College Coimbatore	Interdepartmental	-
98	11-Oct-21	Ravishankar M	X-Ray Diffraction Techniques And Its Analysis	Dr. N. G. P Arts And Science College Coimbatore	Interdepartmental	-

99	11-Oct-21	Prabhakaran T	X-Ray Diffraction Techniques And Its Analysis	Dr. N. G. P Arts And Science College Coimbatore	Interdepartmental	-
100	11-Oct-21	Manoj Kumar P	X-Ray Diffraction Techniques And Its Analysis	Dr. N. G. P Arts And Science College Coimbatore	Interdepartmental	-
101	11-Oct-21	Lokeshwaran A	X-Ray Diffraction Techniques And Its Analysis	Dr. N. G. P Arts And Science College Coimbatore	Interdepartmental	-
102	11-Oct-21	Cathrin G	X-Ray Diffraction Techniques And Its Analysis	Dr. N. G. P Arts And Science College Coimbatore	Interdepartmental	-
103	11-Oct-21	Arun Kumar	X-Ray Diffraction Techniques And Its Analysis	Dr. N. G. P Arts And Science College Coimbatore	Interdepartmental	-
104	11-Oct-21	Mohamed Sufiyan	E Seminar	Dr. N. G. P Arts And Science College Coimbatore	Inter Departmental	-
105	11-Oct-21	Rinisha R	E Seminar	Dr. N. G. P Arts And Science College Coimbatore	Inter Departmental	-
106	11-Oct-21	Jayanithi	X-Ray Diffraction Technique	Dr. N. G. P Arts And Science College Coimbatore	Interdepartmental	-
107	10-Oct-21	Dhanush S	National Webinar On "Dye Sensitized Solar Cells Application"	KGISL-Institute Of Technology	Inter Collegiate	-
108	08-Oct-21	Yamuna R	Online Quiz Wswc-2021	Sri Ramakrishna Arts And Science College	Inter Collegiate	-

109	25-Sep-21	FeminSabu	Workshop	Dr. N. G. P Arts And Science College Coimbatore	Interdepartmental	-
110	25-Sep-21	Anjana Ganesh P	Workshop	Dr. N. G. P Arts And Science College Coimbatore	Interdepartmental	-
111	25-Sep-21	Yamuna R	Workshop	Dr. N. G. P Arts And Science College Coimbatore	Interdepartmental	-
112	25-Sep-21	Biruntha K	E-Workshop	Dr. N. G. P Arts And Science College Coimbatore	Interdepartmental	-
113	25-Sep-21	Biruntha K	E-Workshop	Dr. N. G. P Arts And Science College Coimbatore	Interdepartmental	-
114	25-Sep-21	M.Jayaprakash	Workshop	Dr. N. G. P Arts And Science College Coimbatore	Interdepartmental	-
115	25-Sep-21	FeminSabu	Phase Identification Of Polycrystalline Materials using Xrd Data In Software	Dr.N.G.P Arts And Science College, Coimbatore	Interdepartmental	-
116	25-Sep-21	M V Apsarasree	Workshop	Dr. N. G. P Arts And Science College Coimbatore	Inter Departmental	-
117	25-Sep-21	KaviyaPriya	Workshop	Dr. N. G. P Arts And Science College Coimbatore	Inter Departmental	-
118	25-Sep-21	Jayanithi	Phase Identification Of Polycrystalline Materials using Xrd Data In Software	Dr. N. G. P Arts And Science College Coimbatore	Interdepartmental	-

119	25-Sep-21	Rishikesh	Phase Identification Of Polycrystalline Materials using Xrd Data In Software	Dr. N. G. P Arts And Science College Coimbatore	Interdepartmental	-
120	24-Sep-21	N.SivaVaishnavi	Workshop	Dr.N.G.P Arts And Science College	Interdepartmental	-
121	24-Sep-21	R.Ramya	Workshop	Dr.N.G.P. Arts And Science College	Inter Departmental	-
122	24-Sep-21 to 25-Sep-21	Arun Kumar S	International Virtual Workshop On Astrophotography	The New College, Chennai	Inter Collegiate	-
123	24-Sep-21 to 25-Sep-21	Deepika K	International Virtual Workshop On Astrophotography	The New College, Chennai	Inter Collegiate	-
124	24-Sep-21 to 25-Sep-21	Deepak Kannan	International Virtual Workshop On Astrophotography	The New College, Chennai	Inter Collegiate	-
125	24-Sep-21 to 25-Sep-21	Dhanush S	International Virtual Workshop On Astrophotography	The New College, Chennai	Inter Collegiate	-
126	24-Sep-21 to 25-Sep-21	Karthikshriram S. P	International Virtual Workshop On Astrophotography	The New College, Chennai	Inter Collegiate	-
127	24-Sep-21 to 25-Sep-21	Lokeshwaran A	International Virtual Workshop On Astrophotography	The New College, Chennai	Inter Collegiate	-
128	24-Sep-21 to 25-Sep-21	Manoj Kumar P	International Virtual Workshop On Astrophotography	The New College, Chennai	Inter Collegiate	-

129	24-Sep-21 to 25-Sep-21	Prabhakaran T	International Virtual Workshop On Astrophotography	The New College,Chennai	Inter Collegiate	-
130	24-Sep-21 to 25-Sep-21	Ravishankar M	International Virtual Workshop On Astrophotography	The New College,Chennai	Inter Collegiate	-
131	24-Sep-21 to 25-Sep-21	Sandhiya R	International Virtual Workshop On Astrophotography	The New College,Chennai	Inter Collegiate	-
132	24-Sep-21 to 25-Sep-21	Sharmila G	International Virtual Workshop On Astrophotography	The New College,Chennai	Inter Collegiate	-
133	24-Sep-21 to 25-Sep-21	Sneha R	International Virtual Workshop On Astrophotography	The New College,Chennai	Inter Collegiate	-
134	24-Sep-21 to 25-Sep-21	Srivasavi P	International Virtual Workshop On Astrophotography	The New College,Chennai	Inter Collegiate	-
135	24-Sep-21 to 25-Sep-21	Veerabathran R	International Virtual Workshop On Astrophotography	The New College,Chennai	Inter Collegiate	-
136	24-Sep-21 to 25-Sep-21	Cathrin G	International Virtual Workshop On Astrophotography	The New College,Chennai	Inter Collegiate	-
137	24-Sep-21 to 25-Sep-21	Devigadharshini .T	Two Days Workshop On Astrophotography	The New College, Chennai	International Workshop	-
138	24-Sep-21 to 25-Sep-21	Anjana Ganesh P	Workshop	The New College Chennai	Inter Collegiate	-

139	24-Sep-21 to 25-Sep-21	M V Apsarasree	Workshop	The New College	Inter Collegiate	-
140	16-Aug-21 to 15-Oct-21	Jothika M	Virtual Internship	Iot Bolt		-
141	15-Aug-21 to 17- Aug-21	M V Apsarasree	Course Online	IIT Kanpur	Inter Collegiate	-
142	06-Aug-21 to 09-Aug-21	Deephaa P	Paper Presentation	Government College, A.P.	National Level Conference	-
143	22-Sep-21	Devigadharshini .T	Data Science In Real Life	Johns Hopkins University	Couresera	-
144	21-Sep-21	Devigadharshini .T	Lecture On Fundamental Of Vibration	Life Chagers Academy	Video Lecture	-
145	14-Sep 21	Devigadharshini .T	Types Of Metals And Alloys	Life Chagers Academy	Webinar	-
146	28-Aug-21	FeminSabu	Quiz	St. Xavier's College Palayamkottai	Inter Collegiate	-
147	27-Aug-21	Devigadharshini .T	Lecture On Content Writing And Marketing	Life Chagers Academy	Video Lecture	-
148	19-Aug-21	N.SivaVaishnavi	Webinar	St.Xavier's College	-	-

149	15-Aug-21	M V Apsarasree	Quiz	Mahatma Gandhi Govt. Arts College, Mahe	Inter Collegiate	-
150	15-Aug-21	Jayanithi	National Level Botany Quiz	Mahatma Gandhi Govt. Arts College, Mahe	Inter Collegiate	-
151	15-Aug-21	Devigadharshini .T	National Level Online Botany Quiz-Series Ii	Mahatma Gandhi Govt Arts College, Mahe	Quiz	-
152	05-Aug-21	Srivasavi P	Aspiring Field For Future Generation	Rathinam College Of Arts And Science	Inter Collegiate	-
153	05-Aug-21	Sneha R	Aspiring Field For Future Generation	Rathinam College Of Arts And Science	Inter Collegiate	-
154	05-Aug-21	Sharmila G	Aspiring Field For Future Generation	Rathinam College Of Arts And Science	Inter Collegiate	-
155	05-Aug-21	Sandhiya R	Aspiring Field For Future Generation	Rathinam College Of Arts And Science	Inter Collegiate	-
156	05-Aug-21	Prabhakaran T	Aspiring Field For Future Generation	Rathinam College Of Arts And Science	Inter Collegiate	-
157	05-Aug-21	Manoj Kumar P	Aspiring Field For Future Generation	Rathinam College Of Arts And Science	Inter Collegiate	-
158	05-Aug-21	Lokeshwaran A	Aspiring Field For Future Generation	Rathinam College Of Arts And Science	Inter Collegiate	-

159	05-Aug-21	Dhanush S	Aspiring Field For Future Generation	Rathinam College Of Arts And Science	Inter Collegiate	-
160	05-Aug-21	Cathrin G	Aspiring Field For Future Generation	Rathinam College Of Arts And Science	Inter Collegiate	-
161	30-Jul-21	M V Apsarasree	Webinar	St.Xavier's College, Palayamkottai	Inter Collegiate	-
162	28-Jul-21	Jothika M	National Webinar	The American College	Inter Collegiate	-
163	28-Jul-21	R.Ramya	Webinar	St.Xavier's College	Inter Collegiate	-
164	28-Jul-21	M V Apsarasree	Webinar	St.Xavier's College, Palayamkottai	Inter Collegiate	-
165	28-Jul-21	M V Apsarasree	Webinar	The American College	Inter Collegiate	-
166	28-Jul-21	Bharathi S	Webinar	St.Xavier's College, Palayamkottai	Inter Collegiate	-
167	28-Jul-21	Deephaa P	Webinar	St.Xavier's College, Palayamkottai	Inter Collegiate	-
168	22-Jul-21	Jothika M	Webinar	Karunya University	Inter Collegiate	-

169	22-Jul-21	Biruntha K	International Webinar Series On Astronomy And Astrophysics	Karunya Institute Of Technology And Science	Inter Collegiate	-
170	17-Jul-21	Jothika M	The Story Of Photo Electric Effect	Iit Kanpur	Inter Collegiate	-
171	08-Jul-21	FeminSabu	International Webminar Series On Astronomy And Astrophysics	Karunya Institute Of Technology And Science.	Inter Collegiate	-
172	08-Jul-21	Rinisa R	International Webinar Series On Astronomy And Astrophysics	Karunya Institute Of Technology And Science	Inter Collegiate	-
173	08-Jul-21	Anjana Ganesh P	International Webinar Series On Astronomy And Astrophysics	Karunya Institute Of Technology And Science	Inter Collegiate	-

12.

Students Counseled

S. No.	Name of the class	Number of Students
1	I BSc Physics	7
2	II BSc Physics	17
3	III BSc Physics	38
4	I MSc Physics	29
5	II MSc Physics	30

13. Book Publications:

S.No	Date	Name of the staff	Name of the Book	Name of the Publisher
------	------	-------------------	------------------	-----------------------

1	13-Aug-21 to 14-Aug-21	Dr.DeepannitaChakraborty	Proceedings of Second National Virtual Conference Recent Advances in Technology and Engineering	Paramount Publishing House
2	Oct 21	Mrs. R. Revathi	Studies on Ag-Cu bimetalnanoparticle using tulasi leaf extract	Shanlax Publications

14. MoUs Details

S. No.	Date	Name of the Institution/ University/ Research Lab/ Industries	Purpose	Name of the Department	Beneficiary
1	27 -Oct- 21	New Technology Mobile Service and Training Institute	Smart phone troubleshootin g and PCB designing	Physics	UG & PG Students