

DEPARTMENT OF PHYSICS
ACTIVITIES (2022-2023)
(Association meetings, Guest Lectures, Celebration of Important days)

S.No	Date	Topic	Resource Person (designation with complete official address)	Event	Platform
1	15.07.22	Start Up – Tips on Business Ideas	Ms. Sherlin Infancia, Entrepreneur	Webinar	Online
2	28.07.22	Scientist and Physics Laws	-	Poster Presentation Competition	Offline
3	29.08.2022	Scientific Aspects of Crystallography	Dr. M. Seetha Assistant Professor Department of Physics Kongunadu Arts & Science College Coimbatore - 29	Guest Lecture	Offline
4	21.09.22	Heat Transmission	Dr. J. Deepa Assistant Professor Department of Physics Government Arts College(Autonomous) Coimbatore - 18	Guest Lecture	Offline
5	04.11.2022	Usage of Economic Materials In Solar Thermal Devices for Harvesting	Dr. R. Jayaprakash, Associate Professor, Department of Physics, Sri Ramakrishna Mission Vidyalaya College of Arts and Science.	Seminar	Offline
6	11.11.2022	Entrepreneurship while studying : A student perspective	Ms. M. Saranya, II M.Sc. Chemistry, Nirmala College for Women.	Seminar	Offline
7	30.01.2023	Transient Currents	Dr. G. Umadevi, Associate Professor, Department of Physics, Government Arts College (Autonomous), Coimbatore- 18	Guest Lecture	Offline
8	06.03.2023	National Science Day	-	Quiz, Just a minute & model making competitions	Offline
9	31.12.2022	Energy Conservation	-	Vlog competition	Online

OSA/PTA Meetings

S.No	Date	OSA/PTA	No. of participants	Platform
1.	25.02.2023	PTA	31	Offline

WORKSHOPS, SEMINARS, CONFERENCES, SYMPOSIUMS, HANDS ON TRAININGS ORGANISED BY THE DEPARTMENT

State level Workshops Organized by the Department

S. No	DATE	TOPIC	RESOURCE PERSON	No. of Participants	Platform
1	13.03.2023	IoT Implementation and Demonstration	Mr.S.P.Senthil Subramaniam, Mighty Electronics, Coimbatore	34	Offline

State level Hands-on Training programmes Organized by the Department

S. No	DATE	TOPIC	RESOURCE PERSON	No. of Participants	Platform
1.	09.03.2023	Hands on Training on C-Programming	Mrs.R. Uma Maheswari, MCA., M.Phil., Assistant Professor, Nirmala College for Women, Coimbatore	14	Offline

MOU/LINKAGES WITH INDUSTRIES

S.No	Date	Department	Name of the Industry/Institute	Purpose
1.	14.12.2022	Physics	Mighty Electronics Equipments Corporation, Coimbatore	To enhance practical skill in electronics

EXPOSURE VISITS

S. No	DATE	CLASS	PLACE	No. of days	No of students	Type
1.	06.02.2023	I, II & III B.Sc Physics Students	Agribusiness Incubation society, Technology business Incubation, Tamilnadu agricultural University, Coimbatore.	1	31	Field visit

BEST PRACTICES OF THE DEPARTMENT

SL. No.	DATE	DEPT	ACTIVITY
1.	01.02.2023	Physics	Survey on Energy consumption in houses

MAJOR/MINOR/ STUDENT PROJECTS/SEED MONEY GRANT

S. No.	Period	Name of the Faculty	Topic	Funding Agency	Amount Sanctioned in Rs.	Sanctioned/ Ongoing/Completed
1.	17.08.2022 – 23.02.2023	X. Mary Josephine	Molecule to Device: A Combined Experimental and Theoretical design of Bio molecular photo sensitizers for efficient dye sensitized solar cell	Seed Money Project – Nirmala College for Women, Coimbatore	20,000	Ongoing

ACTIVITIES RELATED TO FACULTY MEMBERS

TRAINING PROGRAMMEs / FDP ATTENDED BY THE FACULTY

S.No	Date	Name of the faculty	Title	Organized by	Online/Offline
1.	22.06.22	Dr. R. Amutha	National Intellectual Property Awareness Mission	Intellectual Property office, India	Online
1.	18.11.2022 to 24.11.2022	Dr. R. Amutha	Implementation of NEP-2020 for University and College Teachers	IGNOU	Online

PARTICIPATION OF THE FACULTY IN SEMINARS

S. No	Date	Name of the faculty	Title	National/Intl	Organizing Committee with Address	Platform
1.	26.11.2022	Dr. R. Amutha	Advanced Transparent Ceramic Materials	International	Centre for Research and Development in Education and Social Integration, Bharat Institute of Engineering and Technology and Indian Ceramic	Zoom

					Society, Hyderabad Chapter	
2.	31.12.2023	Dr. R. Amutha	Importance of preparedness for educators	International	CRESIHRD, Bharat Institute of Engineering & Technology & Indian Ceramic Society, Hyderabad	Online (Zoom)

PUBLICATION BY THE FACULTY IN INTERNATIONAL JOURNALS

S. No	Month & Year	Name of the faculty	Topic	Name of the Journal	Vol No, Issue No, Pg No	ISSN	Impact factor	Indexing Details
1.	Nov. 2022	Dr. R. Amutha	Influence of thickness on DC conduction studies of vacuum evaporated ZnTe thin films	Materials Today: Proceedings	68, 3, 636-639	22147853	1.46	Scopus, Conference Proceedings Citation Index, INSPEC

PAPER PRESENTATION BY THE FACULTY

S No	Date	Name of the faculty	Topic	Category	Organizing Committee with address	Platform
1	02.02.2023 - 03.02.2023	Dr. R. Amutha	Influence of thickness on the optical and photoconductive properties of Zinc telluride thin films	International	Department of Mathematics, Chemistry, Botany, Zoology, Geography and Library and Information Science, Nirmala College for Women, Coimbatore	Offline
2	02.02.2023 - 03.02.2023	Mrs. W. Maria Therase Ramya	Vapour-Solid reaction synthesis of nanostructured Copper Oxide : Structural and Optical properties	International	Department of Mathematics, Chemistry, Botany, Zoology, Geography and Library and Information	Offline

					Science, Nirmala College for Women, Coimbatore	
3	02.02.2023 - 03.02.2023	Mrs. X. Mary Josephine	Preparation and characterization of Copper Oxide thin films by spin coating method	International	Department of Mathematics, Chemistry, Botany, Zoology, Geography and Library and Information Science, Nirmala College for Women, Coimbatore	Offline
4	02.02.2023 - 03.02.2023	Mrs. S. Krishnaveni	Biological synthesis of ZnO nanoparticles using leaf extract of senna auriculata	International	Department of Mathematics, Chemistry, Botany, Zoology, Geography and Library and Information Science, Nirmala College for Women, Coimbatore	Offline

STUDENT'S PARTICIPATION IN WORKSHOPS/HANDS-ON-TRAINING

S. No	Date	Name of student	Topic	Name of Workshop/H ands-on-Training	Organizing Committee and platform	National/ International
1.	08.11.2022	Lia Sherin Ilanjiya P S	Problem solving and ideation	Problem solving and ideation	IIC	“_“

FELLOWSHIPS AND SCHOLARSHIPS

S. No	Name of the Student and Class	Name of the fellowship/scholarship	Funding agency	Stipend Amount
1	K. Nithyasri	Moovalur Ramamirtham	State Government	1000
2	K. Nithyasri	Moovalur Ramamirtham Ammaiyan Higher Education Assurance Scheme	State Government	1000

ONLINE COURSES COMPLETED BY THE STUDENTS

SL.NO	NAME	NAME OF THE COURSE	COURSE CONDUCTED BY
1	Amala I Anandhi Akshaya V Devadharsini S Evangelina J Ilanjiya P S Lia Sherin L Mariya Stephy V Reshma Davis J E Shealinro Mironic C Srimathi S Trishala S Visali S Dharshini C Kaviya M	Communication with impact	IBM Skill Build
2	Kiruthika. S	Solid State Physics	Swayam course by NPTEL
3	I, II, III B. Sc. Physics Students	Introduction to computer	IIT , Bombay

STUDENT PLACEMENT

S.No	Name	Batch	Designation	Name of the Institution
1	Anandhi Akshaya. V	2020-2023	Junior Process Associate	KGISL
2	Evangelina. J			
3	Devadharsini S Mariya Stephy V Srimathi S Trishala S Visali S Dharshini C	2022-2023	Health Insurance distribution	Adithya Birla
4	Evanjelina J Reshma Davis	2020-2023	Digital marketing trainee/ content writer trainee	Haleyon digital
5	Devadharshini. S, Ilanjiya.P. S	2020-2023	Teacher	Senthil Educational Trust
6	Lia Sherin L	2020-2023	Customer care associate	HRH Next
7	Kaviya. M, Sandhiya. P	2020-2023	Trainee Assembler	CuManPvtLtd

CO-CURRICULAR AND EXTRA CURRICULAR ACTIVITIES
STUDENT PARTICIPATION IN INTERCOLLEGIATE/INTERDEPARTMENTAL
COMPETITIONS

S. No	Date	Event	Organized by	Students Name	Participated / Won
1	12.08.2022	Folk Dance	Bharathiar University	Devadharshini . S	Won (3 rd Prize)
2	12.08.2022	Folk Dance	Bharathiar University	Dharshini. C	Won (3 rd Prize)
3	18.08.2022	Logo competition	Dean of Students affairs	Nithyasri.K	Participated
4	18.08.2022	Logo competition	Dean of Students affairs	Roshall Packia. A	Participated
5	18.08.2022	Logo competition	Dean of Students affairs	Asiriya. N	Participated
6	18.08.2022	Logo competition	Dean of Students affairs	Abinaya.S	Participated
7	18.08.2022	Logo competition	Dean of Students affairs	Kiruthika.S	Participated
8	23.08.2022	Essay writing	Tamil (Aided)	Kanishka.P	Participated
9	18.09.2022	Mehandhi Competition	Hindusthan College	Kaviya. M	Participated
10	22.09.2022	Book Swap Competition	Library Committee- Nirmala College for Women	1. Ilanjiya. P.S 2. Devadharshini . S	Participated
11	27.09.2022	EXCELSIOR- Poem Composing	Department of English- Nirmala College for Women	Mariya Stephy.V Janet	Participated
12	29.09.2022	EXCELSIOR – SPELL BEE	Department of English- Nirmala College for Women	Mariya Stephy.V Ilanjiya. P.S Devadharshini . S Dharshini. C Kaviya. M Dionysia Christina. D Agnes. J Nivedhitha. J G Tanya sijy. U Sanofar. M Roshini. S	Participated
13	30.09.2022	EXCELSIOR – Essay Writing	Department of English- Nirmala College for Women	Evangelina. J Anandhi Akshaya. V	Participated
14	04.11.2022	Burn the stage	Department of commerce, Nirmala college for Women.	Reshma Davis Lia Sherin Anandhi Akshaya Shealinro Mironic	Participated

				Evangelina	
15	30.11.2022	Quiz Competition	IIC and IPR, Nirmala college for Women.	Lia Sherin	Participated
16	03.11.2022	Book Scavenger Competition	Department of Library, Nirmala college for Women.	Ilanjiya P S Devadharsini S	Participated
17	04.11.2022	Intercollegiate competition	Department of Commerce, Nirmala College for Women	Aninaya.S Nithyasri.K Roshall Packia.A Kiruthika. S	Participated
18	23.11.2022	Essay Writing	Department of Tamil, Nirmala College for Women	Janet. C Sanofar Hemalatha. M	Participated
19	16.02.2023	TN startup - Aadukalam	Karpagam Arts and Science College	Lia Sherin, Shealinro Mironic	Participated
20	20.02.2023	IIC - Hackathon	Nirmala college for women	Shealinro Mironic	Participated
21	21.02.2023	Eureka Quiz – Physica Symposium	Karpagam Arts and Science College	Anandhi Akshaya, Reshma Davis	Won
22	21.02.2023	Eureka Quiz – Physica Symposium	Karpagam Arts and Science College	Evangelina, Lia Sherin, Shealinro Mironic	Participated
23	22.02.2023	Business Idea	Karpagam Arts and Science College	Shealinro Mironic	Won
24	28.02.2023	Science day Quiz	Nirmala college for women	Ilanjiya	Participated
25	28.02.2023	Sports day	Nirmala college for women	Sr. Amala	Won

STUDENTS' PARTICIPATION IN CULTURAL/EXTRA CURRICULAR ACTIVITIES AND PRIZES

S. No	Date	Name	Event	Participation/ Prize	Organizing Committee
1	05.08.2022	1. K. Nithyasri A. Roshall Packia	Independence day celebration	Participated	NSS
2	05.09.2022	1. Lia Sherin 2. Evangelina 3. Reshma Davis 4. Devadharshini 5. Dharshini 6. Shealinro Mironic	Teachers Day	Participated	Dean of Students affairs
3	24.09.2022	1. Lia Sherin 2. K. Nithyasri 3. A. Roshall Packia	NSS day	Participated	NSS

4	22.11.2022	Evangelina Lia Sherin	National Communal Harmony Week	Participated	Fine arts committee
5	08.01.2023	T. Harini M. M. Mathi Manjari	TANMILLET	Participation	Nirmala college for women
6	12.01.2023	C. Dharshini Devadharshini	Pongal day	Participation	Nirmala college for women
7	23.01.2023	E. Mugilvarshini	Unifest 2022	Participation	Nirmala college for women
8	22.02.2023	S. Abinaya S. Kiruthika K. Nithyasri A. Roshall Pakia E. Mugilvarshini	CHAKRA	Participation	Rathinam Arts and Science College
9	28.02.2023	M. M. Mathi Manjari, C. Janet, Tanya Siju	Sports day	Participation	Nirmala college for women

EXTENSION ACTIVITIES
OTHER EXTENSION ACTIVITIES OF THE DEPARTMENT

S. No.	DATE	ACTIVITY	PLACE	NO. OF BENEFICIARIES
1	19.11.2022	Energy Conservation	Perumpathi Pudur	10
2	01.02.2023	Demonstration of basic physics concepts to school children	Chandrapuram, Sulur, Coimbatore	25