

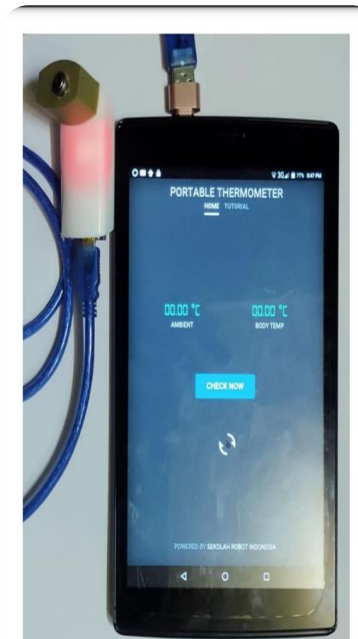
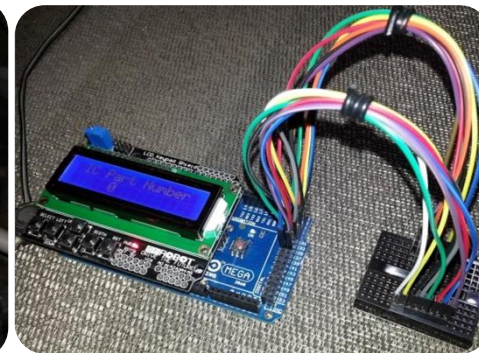
**Virudhunagar Hindu Nadars' Senthikumara Nadar College
(Autonomous)
Virudhunagar - 626 001, Tamil Nadu**

**DBT - Star College Scheme for
Strengthening of UG Science Component**

DEPARTMENT OF PHYSICS

Project Work (III B.Sc. Physics)

S.No	Project Title	Date	Student Name
1.	Indirect active Solar Dryer for Herbs	27-03-2021	M. Sri Nantha Guru T. Kishore
2.	Biogas Mini Plant for Home	27-03-2021	P. Periya Venkatesh
3.	Smart Contactless Infra Red Temperature Sensor Using Arduino	27-03-2021	N. Bhala Saraswathi
4.	Logic Gate Tester Using Arduino Mega 2560	27-03-2021	M. Kirubakar
5.	Smart Dustbin Using Arduino	27-03-2021	M. Balamurugan
6.	Smart Restaurant Menu Ordering system Using Arduino	27-03-2021	M. Yasmin Fathima



Seminar/Workshop

S. No	Seminar Name	Programme Date	Resource Person	Number of Beneficiaries
1.	One Day Seminar on Applied Physics	12-11-2021	Dr. Tharmarnadar Ganesh Diplomate of American Board of Radiology, Manipal Hospitals Dwarka, New Delhi Dr. P. Mani Assistant Professor of Physics, BIT Campus, Anna University, Tiruchirappalli Dr. M. Dhanasankar Assistant Professor of Physics, Government Arts College, Sivakasi	Students – 120 Staff members - 14
2.	Hands on Training Programme on Study on Solar Voltaic cell for the faculty members of Physics department	25-01-2021	Mr. Alagu Rajan Trainee, Jeyam Electronics, Chennai	Staff members - 10



Field Trip

S. No	Field Trip Details	Date	Number of Beneficiaries
1.	Study Tour Field Trip to Kodaikanal Solar observatory, Indian Institute of Astrophysics, Kodaikanal	12-02-2021 & 13-02-2021	III B.Sc. Physics Students - 40 Staff members – 3
2.	Study Tour Field Trip to Kamaraj College of Engineering & Technology, Virudhunagar	17-03-2021	III B.Sc. Physics Students - 37 Staff members – 3
3.	Study Tour Field Trip to Vickram Sarabai space center, ISRO, Trivandrum	30-03-2021 & 31-03-2021	B.Sc. Physics Students - 51 Staff members – 2



Guest Lecture

S. No	Guest Lecture Details	Programme Date	Resource Person	Number of Beneficiaries
1.	Guest Lecture on “Physics for Tomorrow’s Technology”	26-02-2021	Dr.V. Gayathri, Associate Professor of Physics, Thiagarajar College of Engineering, Madurai.	Students – 121 Staff members - 12
2.	Motivational Guest Lecture on “Reach Your Pinnacle”	15-03-2021	JFM. P. Thanikai Vel Pandian Founder & Director of Vision 20 Plus JCI Trainer, Virudhunagar.	Students – 130 Staff members – 10
3.	Guest Lecture on “Technology Trends in Digital World”	22-03-2021	Mr. R. Prem Sankar, Assistant Professor of Computer Applications, VHNSN College (Autonomous), Virudhunagar.	Students – 50 Staff members - 8
4.	Guest Lecture on “Physics of Nanomaterials and Magnetic Materials”	11-10-2021	Dr.K. Sakthi Pandi, Associate Professor of Physics, SRM TRP Engineering College, Research Coordinator, SRM Trichy Campus, Trichy	Students – 123 Staff members - 7
5.	National Science Day Guest Lecture on “Evaluation of Science and Technology in India”	28-02-2022	Dr.K. Prabakaran, (Alumnus) Assistant Professor of Physics, SBK College, Aruppukottai.	Students – 113 Staff members - 9
6.	Guest Lecture on “Introduction to Spectroscopic Techniques”	14-03-2022	Dr.N.Raman, Associate Professor of Chemistry, VHNSN College (Autonomous), Virudhunagar	Students – 87 Staff members - 7
7.	Motivational Guest Lecture on “Win Over Yourself”	10-05-2022	Jc. PG. Sridevi Natesan, Transformation Coach and NLP Practitioner Virudhunagar	Students – 120 Staff members - 8
8.	Alumni Guest Lecture on “Fill the Vacuum – Lack of technical expertise in industries”	16-05-2022	Mr.Selva Kumar, (Alumnus) Founder, Selva LLC & Selva Engineering and Automation, USA	Students – 86 Staff members - 10



Webinar

S. No	Webinar Details	Date	Resource Person	Number of Beneficiaries
1.	Webinar Series on Astrophysics and Space Science Lecture I - Amazing Universe	21-01-2021	Dr. E.Ebenezer Chellasamy, Resident Scientist, Kodaikanal Solar observatory, IIA, Kodaikanal	Students – 78 Staff members - 10
2.	Webinar Series on Astrophysics and Space Science Lecture II - Space explorations & Challenges ahead	22-01-2021	Thiru. S. Indhu Kumar, Scientist 'G', Liquid Propulsion Systems Centre, ISRO, Trivandrum	Students – 75 Staff members - 10
3.	Webinar Series on Applied Physics Lecture II - Robotics	08-02-2021	Mrs. Sasi Dharani Shanmugharajan Founder & Instructor, Seed Robotics, Virudhunagar	Students – 84 Staff members - 8
4.	Webinar Series on Magnetic Materials Lecture I - Physics of Magnetics Materials I	09-02-2021	Mrs. J. Subha, Assistant Professor, Department of Science & Humanities, Sri Venkateswara College of Technology, Sriperumpudur.	Students – 80 Staff members - 9
5.	Webinar Series on Magnetic Materials Lecture II - Physics of Magnetics Materials II	10.02.2021	Dr. S. Devashankar, Assistant Professor of Physics, Loganatha Narayanasamy Government College, Ponneri	Students – 52 Staff members - 10
6.	Webinar Series on Applied Physics Lecture I - Biosensors and Bioinstrumentation	11.02.2021	Dr.M.Pandiaraj, Scientist, Electroics and Electrocatalysis Division, CSIR – Central Electrochemical Research Institute, Karaikudi.	Students – 81 Staff members - 9



Outreach activities

S. No	Programme Name	Programme Date	Number of Beneficiaries
1.	Students of Kshatriya Vidhyasala Matriculation Higher Secondary School, Virudhunagar visited the Renewable Energy facilities	17-03-2022	Students - 60
2.	Students of Kshathriya Girls Higher Secondary School, Virudhunagar –Students visited the Renewable Energy facilities	15-03-2022	Students – 50
3.	BSc Physics Mannar Thirumalai Naicker College, Madurai visited the Research laboratories and the Renewable Energy facilities	11.03.2022	Students – 34 Staff members - 3



Training Programme

S. No	Programme Name	Programme Date	Resource Person	Number of Beneficiaries
1.	One day Training Programme on Laboratory Safety and first Aid for Science Laboratory Technicians	08-10-2020	Mr.R. Suresh & Mr.K. Irulapparaja District Trainer, Disaster Management, Rajapalayam	Lab attenders & Technicians - 50
2.	Hands on Training Programme on Photography and Photoshop	29-01-2021 to 01-03-2021	Prof.D.N. Suresh (Rtd.) Associate Professor of Physics VHNSN College (Autonomous) Virudhunagar	Students - 40



ICT enabled Classrooms



Solar Energy
Gadgets



Lab Equipment Purchased

