

Vellalar College for Women (Autonomous), Erode -12

Department of Physics

Activities conducted under DBT- Star College Scheme for the academic year 2019-2020

No. of hands-on experiments being conducted

S.No.	Name of the Guest Speaker	Topic and Date	Beneficiaries
1.	Mr.B.Krishnakumar, MD & Mr.R.Karthik B.E., Technical Assistant, New technology mobile service and training Institute, coimbatore	Trouble shooting in smart phones & 1.7.2019 to 4.7.2019	90 B.Sc Physics students
2.	Mr.B.Krishnakumar, MD & Mr.R.Karthik B.E., Technical Assistant, New technology mobile service and training Institute, coimbatore	Trouble shooting in smart phones for non-teaching staffs & 20.07.2019	20 laboratory staff members
3.	Mrs. Sarmistha Sahu, Retd. Prof of Physics Coordinator. Ammani IAPT Anveshika, Bangalore	Two days Workshop for UG Students in Creative Science Pedagogy from Observation to Investigation 09.12.19 & 10.12.19	120 B.Sc Physics students and 10 school teachers
4.	Staff members Department of Physics Vellalar College for Women	Hands on Training to School Teachers in 12 th Standard Physics Practicals	49 Higher secondary school teachers from Government schools

Training received by faculty

S. No.	Name of the Guest Speaker	Topic and Date	Beneficiaries
1.	Dr. T. Robinson, Associate Professor& Head, Department of Mathematics, Madras Christian College, Chennai,	Regional level Workshop on Research Based Pedagogical Tools (RBPT-VCW 2019) 05.12.2019 To 07.12.2019	60 Faculty members from different science streams of our institution and from various institution affiliated to Bharathiar university
	Dr. P. Wilson, Associate Professor & Head, Department of Chemistry, Madras Christian College, Chennai,		
	Dr. N. Srinivas, Assistant Professor, Department of Zoology, PG Govt. Degree College, Kakinada, AP.		
	Dr. Kannan Ramaswamy, Assistant Professor, Department of Physics, Birla Institute of Technology and Science, Pilani.		
	Dr. S. Murugan, Associate Professor, Department of Biotechnology, Karunya Institute of Technology and Science, Coimbatore,		

Exhibitions/seminars/training courses conducted

S.No	Name of the Guest Speaker	Topic and Date	Beneficiaries
1.	Dr. J. Velmurugan Professor, Department of Medical Physics, Anna University, Chennai.	One day National Seminar on Current Scenario in Radiation Biology & 07.08.2019	786 participants from B.Sc Physics, Chemistry Mathematics Botany English Biochemistry
	Dr.C.Thirunavukkarasu Assistant Professor ,Department of Biochemistry and Molecular Biology, School of Life Sciences, Pondicherry University		

	Dr. C. Varatharaj, Associate Professor, Department of Radiation Physics, Kidwai Memorial Institute of Oncology, Bangalore,		of our college and various other colleges affiliated to Bharathiar University
2.	Dr. V.Anand B.Sc., MDS., Professor & Head Department of Dentistry, Meenakshi Medical College Hospital & Research Institute, Kanchipuram	One day National workshop on Astronomy: From Concept to Observation & 06.02.2020	563 participants from our college and 137 participants from various other colleges affiliated to Bharathiar University
	Mr. K. Sakthivel, President, Astronomy Club, Coimbatore		
	Mr.S.K.Vishwanath, Member, Astronomical Society, Bangalore		
	Mr.Niranjan Prasad, Avid Astronomer, Astronomical Society, Bangalore		
3.	Mr. Saravanan, Technical Officer, Tamilnadu Science & Technology Centre, Birla Planetarium, Chennai	Planetarium show and mobile museo bus & 07.02.2020	150 students from, Govern ment high school, Thindal and 500 students from Vellalar matriculation and state board schools
	I. B.Sc Physics Students from Our institution.	Science Exhibition 28.02.2020	40 Vellalar Girls

4.			Higher Secondary School students
5.	Dr. S. S. Naina Mohammed, Assistant Professor, Department of Physics, Government Arts College, Udumalpet	Two Day Lecture Workshop For Graduates in Physics through problem solving techniques for higher education 03.03.2020 & 04.03.2020	90 II & III B.Sc Physics Students
6.	Mr.N. Loganathan Mullai Academy Karur	Two Day Guest Lecture Programme on Quantitative Aptitude & Logical reasoning skills for Competitive Exams 29.02.2020 & 07.03.2020	90 II B.Sc., Physics and Chemistry students

Outreach activities

S. No.	Name of the programme	Date(s)	Beneficiaries (Name)
1.	Hands-on Training on X standard Physics Practicals	12.02.2020	73 - X Standard students from Govt. High School, Thindal
2.	Science is fun and pride – demonstration of basic science experiments	11.03.2020	<div>One day National workshop on Astronomy: From Concept to Observation</div> VIII of Government Middle School, Siraimetanpalayam
3.	NEET PHYSICS – 2020 – I	08.06.2020 to	40 students from standard XII who is appearing for NEET

		12.06.2020	physics exams from all over Tamilnadu participated through online mode.
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Invited lectures

S.No	Name of the Guest Speaker	Topic and Date	Beneficiaries
1.	Mr. S. Duraipandian M.Sc.,B.Ed., Central Medical Magnet High School, BISD, Texas, United States of America.	Physics – Career – Lifestyle. & 16.7.2019	200 UG and PG Physics students
2.	Dr. M. Senthilvelan, Associate Professor, Centre for Nonlinear Dynamics, School of Physics, Bharathidasan University, Tiruchirappalli- 620 024.	A Concise Introduction to Vector Calculus & 24.09.2019	250 UG and PG Physics students
3.	Dr. M. Manohar Scientist ‘SG’, Rocket Motors Fabrication Group, Vikram Sarabhai Space Research Centre, ISRO, Trivandrum	Space Exploration – Exciting but Challenging & 12.10.2019	250 B.Sc Physics, Mathematics and Computer science students
4.	Dr. S. Arumugam Professor of Physics (Rtd) The Gandhigram Rural Institute, Dindigul.	Solid State Photovoltaic Materials – Solar Cells & 19.12.2019	80, I & III B.Sc students
5.	Dr. R. Chandramohan, Research Advisor, Vidhyahiri College of Arts and Science, Puduvayal, Sivagangai.	Introduction to Nanotechnology & 04.01.2020	80, I & III B.Sc students
6.	Dr. J. Daniel Chellappa Senior Scientist (TWC) BARC, Government of India, Chennai	Atoms in the Service of Mankind & 04.02.2020	280 UG and PG Physics students

7.	Prof. R.Ramaraj, Professor of Eminence, School of Chemistry, Madurai Kamaraj University, Madurai.	Science innovations and its impacts on life & 28.02.2020	300 undergraduate science students of our college.
	Prof. M.N. Ponnusamy, CSIR Emeritus Scientist Department of Crystallography & Biophysics, University of Chennai - 600 025.	Biophysics – The Future of Science & 28.02.2020	

Industrial visits undertaken by the students

S.No	Name of the Industry visited	Date(s)	Beneficiaries
1.	Radio Astronomy Center (RAC), Ooty	30.07.2019	37 students of II B.Sc Physics
	Indian Institute of Astrophysics, Kodaikanal	09.01.2020	41 students of III B.Sc Physics