

SOCIAL ACTIVITIES

As a part of Unnat Bharat Abhiyan scheme of our Mahavidyalaya, the staff co-ordinators and student volunteers of the dept. of physics participated in various events as listed below:

UBA House hold survey camp 09.08.2019



As a part of UBA activities, the house hold survey camp in the adopted villages (Enathur, Vaiyavur, Punjaiarasanthangal and Vedal) was carried out on 09.08.2019 and Govindavadi on 19-09-2019.

JaiSakthiAbhiyan Programme 8.08.2019



As a part of UBA activities, Jai Sakthi Abhiyan program was arranged on 08.08.2019 at Enathur village and on 19-09-2019 at Govindavadi Agaram village in order to create awareness on water management.

One Student One Tree programme 19.09.2019



As a part of UBA activities, a tree plantation program was arranged on 09.09.2019 & 19.09.2019 at University campus in order to create interest among students to protect and save environment. Prof. Dr.S.Balaji, Dean (Faculty of Science) inaugurated the event and felicitated the students. He motivated the students to take green measures to save the environment. Prof. Dr.K.Venkatramanan, UBA coordinator and many student and staff members participated in the event.

Union Minister- UBA Tree Plantation Program 22.09.19

Dr.Mahendra Nath Pandey, Hon'ble Union Minister for Skill Development and Enterpenuership, Govt. of India gave tree saplings to the students of our University as part of UBA activity on 22 Sep 2019.

Solar lamp distribution at schools of adopted villages 6.10.2019



As a part of UBA activities, the Solar Urja lamp kits were made assembled and distributed at the schools of adopted villages.

Gram Sabha meeting at adopted Village 02.10.2019



As a part of UBA activities, our volunteers actively participated in the Gram Sabha meeting held on 02-10-2019 at the UBA adopted village and the resolutions were passed for installing drainage system in Enathur village and further discussions at higher level were initiated.

Swachhata Hi Sewa Campaign 02.12.2019



The UBA team of Sri Chandrasekharendra Saraswathi ViswaMahavidyalaya and NSS units of our Mahavidyalaya jointly organised Swachhata Hi Sewa Campaign from 11.09.2019 to 02.12.2019

Training Programme organized for students 12.11.2019



The placement coordinator Mrs. J. Suganthi convened a meeting on 12.11.2019 at Physics lab, 1.30 pm for giving preparatory instruction and information on the recruitment process at Infosys Ltd, Chennai. The head of the department and other staff members to distribute the offer letters to the selected candidates in Sutherland Chennai.

Seminars / Conferences / Workshop / Training attended by the Students :

Simulation Enhanced Techniques in Physics & Electronics Teaching:



Dr.Ajith Kumar .B.P. Senior scientist, Inter University Accelerator Centre, New Delhi, was the resource person of the workshop held at Dr.MGR Deemed University, Chennai on 07.02.2019. Around 25 students and staff of our department attended the workshop and gained hands on experience on various experiments using EXPEYES kit

Students Publications

Title of paper	Name of the Student / Scholar	Name of the Journal	Year of publication
A Statistical Method for Determining Optical and Geometrical Characteristics of Cirrus Clouds	Nellore Manoj Kumar (Ph.D P.T)	Climate	May 2019
An investigation on laser induced downward expanded vapour region in laser weld butt joint of AISI 316L stainless steel	A. Jayanthi (Ph.D P.T)	IOP Conf. Series: Materials Science and Engineering	2019
Structural and Morphological Study of Thermally Evaporated Gold Intermixed Silver Thin Films	C.Hemalatha (M.Sc student)	International Journal of Scientific Research and Review, India	2019
Refractive index of Cadmium Oxide Thin Films prepared by Chemical bath deposition method	N. Sariba (M.Phil scholar)	International Journal of Scientific Research and Review, India	2019
On the characterization of descending nature of cirrus clouds over a tropical site, Gadanki	Nellore Manoj Kumar (Ph.D P.T)	International Journal of Remote Sensing	Feb 2020
Lidar Observed Optical Properties of Tropical Cirrus Clouds Over Gadanki Region	Nellore Manoj Kumar (Ph.D P.T)	Frontiers in Earth Science	May 2020
A Comparative Evaluation of Physicochemical Properties and Photocatalytic Efficiencies of Cerium Oxide and Copper Oxide Nanofluids	M. Rashmi (Ph.D P.T)	Catalysts	Dec 2019
Conductive and convective heat transfer during welding of AISI316L stainless steel using pulsed Nd:YAG laser	A. Jayanthi (Ph.D P.T)	Elsevier: Materials Today Proceedings	Feb 2020
Mono and hybrid nano fluid based heat sink technologies - A review	A.Chandradavahana, V NandaKumar (Ph.D / P.T)	Journal of Physics : Conference Series	2020

Students Placement

S. No	Reg.no	Name of the Candidate	Companies placed			
			Wipro	Sutherland	CTS	Infosys
1.	111760018	S.Bharathi	-	-	-	-
2.	111760018	R. Dharam	-	-	-	-
3.	111760046	E.Nathiyu	-	-	-	-
4.	111760023	P.Karthika	-	-	-	-
5.	111760044	G.Aruna	-	-	-	-
6.	111760053	S.Sudha	-	-	-	-
7.	111760018	S.Prajyathenthi	-	-	-	-
8.	111760028	T.Kalish	-	-	-	-
9.	111760057	L.Tharanthar	-	-	-	-
10.	111760059	A.Sudha	-	-	-	-
11.	111760063	B.Vasanthar	-	-	-	-
12.	111760017	B.Harinaradan	-	-	-	-
13.	111760024	R.Karthika	-	-	-	-



DEPARTMENT OF PHYSICS

SRI CHANDRASEKHARENDRASARASWATHI VISWA MAHAVIDYALAYA

(Deemed to be University U/s 3 of UGC Act 1956) (Accredited with "A" by NAAC)
Enathur, Kanchipuram-631 561. Tamilnadu, India.



Spectra

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About the department

Department of physics serves with the dynamic mission to achieve excellence in both academic & research perspectives. Physics acts as the core of science, as most of the invention are brought forth by it. The department has awarded 24Ph.Ds and more than 150 M.Phil degrees. The teachers and scholars of the department have published around 150 research articles so far. The major research areas of the department include Ultrasonics and polymer blends, Spectroscopy, Crystal growth, Thin films and nano materials. The research facilities of the department includes Thin Film (PVD), Gaussian 09 software, Brookfield viscometer, sieve shaker and Ultrasonic interferometer for solids and liquids.

Contact

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Department Activities at a Glance

International seminar on "BORON for BATTERIES to BACTERIA" - 12.03.2019



The department of Physics organized an International Seminar on the topic "BORON for BATTERIES to BACTERIA" on 03-12-2019, 11.30 am At Adisankara Auditorium, SCSVMV premises. Prof. Dr. K. Venkatraman, Head of the department of Physics delivered The welcome address. Prof. Dr. V.S. Raghavan, Hon'ble Vice-Chancellor, SCSVMV honoured the speaker Prof. P.V. Ramachandran, Professor of Chemistry, Purdue University, Centre for Borane Research (Nobel Laureate Prof. Herbert Brown Laboratory) USA. The chief guest delivered a lecture on various applications of Amine-Boron in the areas of portable electronics. Around 120 students and staff attended the seminar.

NATIONAL SCIENCE DAY-28. 02. 2019



The National Science Day was celebrated on 4th March 2019, at 10.30 am At the Adi Sankara Auditorium University premises. Prof. Dr. K. Venkatraman, Convener, Prof. & Head of the department welcomed the gathering. Dr. K. Rajalakshmi, Coordinator, read the National Science Day Report. Prof. Dr. S. Jayarama Reddy, Hon'ble Chancellor, of our University honoured the Chief Guest Dr. Anita Aggarwal, Scientist-"E", Instrumentation Development Programme, Technology Development & Transfer Division, Department of Science & Technology, Ministry of Science and Technology, New Delhi.



Prof. Dr. S. Jayarama Reddy, Hon'ble Chancellor delivered a talk on the importance of Celebrating National Science Day and released the Science Magazine "VijnanaVeeksha". Prof. Dr. G. Srinivasu, the Registrar, and Prof. Dr. S. Balaji, Dean, felicitated the gathering. The Chief guest delivered the National Science Day address. The winners of various events of NSD -2019, were awarded with certificates. Mrs. J. Suganthi, Coordinator - NSD-2019 proposed vote of thanks.

EDUCATIONAL TOUR TO PERIYAR SCIENCE AND TECHNOLOGY CENTRE, CHENNAI - 16.04.2019



The staff and students of the department visited Periyar Science and Technology Centre on April 16, 2019 and gained knowledge in the areas like Space Technology, 3D Technology, Energy resources etc.,. A total number of 50 students and four staff members actively participated in the visit.

Industrial visit and Educational tour to Bangalore April 05.07. 2019



The department of Physics organized an industrial visit cum educational tour to Bangalore and students visited the places like Heritage Centre and Aerospace Museum - Hindustan aeronautics Limited (HAL), Visvesvaraya Industrial and Technological Museum and Nehru planetarium during April 5-7, 2019 along with staff members.

International seminar on Global opportunities in higher education 09.08.2019



The department of Physics organized an International Seminar On Global Opportunities in Higher Education on 09-08-2019. Prof. Dr. K. Venkatraman, Prof. & Head of Department of Physics delivered the welcome address. Prof. Dr. G. Sriram, Dean, Faculty of Engineering and Technology and Prof. Dr. K.V.S.N. Murthy, Dean, Faculty of Education, honoured the Chief Guest Prof. Dr. BVR Chowdary, Senior Executive Director, President's Office, Nanyang Technological University, Singapore with the shawl and memento. The speaker Prof. Dr. BVR Chowdary explained the various Global opportunities available in higher education after under graduation in engineering. Heads of various departments staff and around 100 students of various disciplines actively participated and interacted with the speaker.

Parent's teachers meeting 21.08.19



The inaugural function for the students admitted into I B.Sc and I M.Sc for the academic year 2019-20 was held on 21.08.2019 at Physics Laboratory at 10 am. Prof. Dr. K. Venkatraman, Head of the department welcomed the gathering. All the staff members of the department addressed the students and Parents. Ms. S. Sharmila, M.Phil Scholar and Member of Physics Society proposed vote of thanks.

Best Department Award-05.09.2019:



The Teachers' day function was organized by the School of Education on 05-09-2019. During the function, First Best Department Award was received by the department of Physics for the year 2017-18 and 2018-19. It is happy to note that Physics department bagged this award consecutively for the Third and Fourth time and the award was handed over by Prof. Dr. V.S. Vishu Potty, Vice-Chancellor, SCSVMV. All faculty members were awarded "Certificate of Appreciation" for their academic merit.

Guest Lecture on "Career opportunities in Physics" on 19.09.2019:



The department of Physics organized a guest lecture on "Career opportunities in Physics" on 19.09.2019 for 1 year students in order to motivate them. Dr. K. Venkatraman, Professor and Head, Department of Physics welcomed the gathering. Prof. Dr. S. Jayakumar, Associate Professor of Physics, Ramakrishna Mission Vivekananda College, Mylapore, Chennai, acted as resource person for this programme. He congratulated Mrs. J. Suganthi for getting Global teacher Award for the year 2019.

STUDENT SOLAR AMBASSADOR WORKSHOP 02.10.2019



STUDENT SOLAR AMBASSADOR programme, an initiative of IIT Bombay, was organised through Unnat Bharat Abhiyan scheme at SCSVMV Deemed University, Kanchipuram on 02nd Oct, 2019. This event is also organised as part of 150th birth anniversary celebrations of Mahatma Gandhi. Around 200 students participated in the workshop. Prof. Dr. K. Venkatraman, Co-ordinator, UBA welcomed the gathering. Prof. G. Srinivasu, Registrar delivered Presidential address. Oct 2nd is observed as International day of Non-violence. Dr. V. Ragavendran, Asst. Prof. of Physics read the pledge on non-violence towards environment and the dignitaries and participants took the pledge. Sri. Ramakrishnan, Finance officer, Prof. Dr. S. Balaji, Dean (Science) and Prof. Dr. G. Sriram, Dean (Faculty of Engineering), Prof. P. Sripaty, Dean (Sanskrit) felicitated the gathering.