

Vellalar College for Women (Autonomous), Erode -12

Department of Physics

Activities conducted under DBT- Star College Scheme for the academic year 2020-2021

No. of hands-on experiments being conducted

S.No.	Name of the Guest Speaker	Topic and Date	Beneficiaries
1.	Mr.R.Vigeshwaran, Technical Engineer, Vi Microsystems PVT Limited, Coimbatore.	Assembly Language Programme - 8085 Microprocessor & 25.02.2021 & 26.02.2021	39 III B.Sc.,Physics Students
2.	Mr.R.Vigeshwaran, Technical Engineer, Vi Microsystems PVT Limited, Coimbatore	Troubleshooting Techniques for Microprocessor 8085 and 8086 & 27.02.2021	5 Lab Technicians of Physics and Computer Science Departments
3.	Mr. Senthil Subramaniam, Partner Mighty Electronics Equipment Corporation, Coimbatore-641 028	Test and Measuring Digital Instruments & 06.03.2021	35 III B.Sc.,Physics Students
4.	Dr.S.Gunasekaran,Ph.D.,D.Sc., TANSA Awardee, Dean,Research & Development, St.Peter's Institute of Higher Education and Research, Avadi,Chennai- 600 054	Learning Electronics Through Experiments & 08.03.2021 & 09.03.2021	76 III B.Sc., Physics students (Aided and Unaided) and 31 II B.SC.,Physics students (Aided) Total-107 Students
5.	1.Dr. P. B. Pankajavalli Assistant Professor Department of Computer Science Bharathiar University, Coimbatore. 2.Mr. S. Subash Chief Technical Officer Grandiose Academy Private Limited Coimbatore.	Introduction to IoT and Exploring Arduino UNO Microcontroller & 10.03.2021	III B.Sc., Physics-39 II B.Sc., Physics-8 I B.Sc., Physics-8 III B.Sc., CS-10 II B.Sc., CS -8 Total -72 Students and 8 Faculty members
6.	1. Mr. B.Krishnakumar Managing Director New Technology Mobile- Servicing & Training Institute,Coimbatore.	Smart Phone Servicing & 17.03.2021 & 18.03.2021	41 B.Sc., Physics Students

	2.Mr.P.Karthick Service Engineer New Technology Mobile- Servicing & Training Institute,Coimbatore.		
7.	Mr.S.Thiagarajan Technical Manager Mettex Lab,Chennai,	Instrument Maintenance & Safety Aspects & 24.03.2021	14 Lab Technicians of various Science Departments
8.	Ms. Sowmiya Santhanam Founder & CEO, Seventh Sense School of Robotics,Thindal - 12	Introduction to Robotics and Controllers Concepts & 25.03.2021	31 III B.Sc.,Physics Students

Training received by faculty

S. No.	Name of the Guest Speaker	Topic and Date	Beneficiaries
1.	Dr.R.V. Mahendra Gowda Principal Mahendra Engineering College(Autonomous) Namakkal	ICT Tools and Techniques for Education & 21.08.2020	48 Faculty members from various institutions
2.	Dr.O.L. Shanmugasundaram, Professor Department of Textile Technology K.S.R College of Technology, Tiruchengode.	Steps to Organize Manuscript for Publication in Peer Reviewed Journals & 24.08.2020	37 Faculty members from various institutions
3.	Mr. K. Aravinth Embedded and Matlab Developer in UNIQ Technologies Chennai.	Applications of Arduino in Life Sciences & 19.02.2021	15 faculty members from VCW, 1 Faculty member from JSS College for Women & 1 research scholar from Physics department
4.	1.Dr.D.SathyaNarayanan Head Technical Manager, Mettex LAB,Chennai. 2. Mr.S.Thiagarajan Technical Manager Mettex Lab,Chennai.	Handling of Analytical Instruments in Basic Sciences & 25.03.2021	37 Faculty members from various Science departments. Physics Aided - 5, Physics (SF) - 9, Chemistry-1, Zoology-4, Nutrition &Dietetics-2, Botany- 9, Biochemistry-1, Food & Nutrition-1, Research Scholars - 5

National Science Day Celebration

S.No	Name of the Guest Speaker	Topic and Date	Beneficiaries
1.	1.Dr.N.Thajuddin, Professor, Department of Microbiology, Bharathidasan University, Tiruchirapalli.	Future of STI: Impacts on Education, Skills and Work & 01.03.2021	957 Students from all science Departments of Our college
	2.Dr.S. Balasubramanian, ARS, FIE Principal Scientist and Head ICAR-Central Institute of Agricultural Engineering, Regional Center, Coimbatore.		
	3.Dr.P.Lalitha, Associate Professor of Chemistry, Avinashilingam University, Coimbatore.		

Exhibitions/Seminars/Webinar/Training courses conducted

S.No	Name of the Guest Speaker	Topic and Date	Beneficiaries
1.	Dr. R.Robert Assistant Professor of Physics, Government Arts College, Krishnagiri.	E-Waste Management & 06.02.2021	95 III B.Sc., Physics and III B.Sc., Zoology students
2.	Dr. N. Priyadharsini, Assistant Professor of Physics , PSGR Krishnammal College for Women, Coimbatore.	How to Protect Our Innovations Through IPR & 27.03.2021	64 students from all Science Departments and 3 Faculty Members

Outreach activities/ SSDP/CDP

S. No.	Name of the programme	Date(s)	Beneficiaries (Name)
1.	Payout Quarantine & Women Leading ship	19.05.2020	63 students from Mathematics, Commerce, Physics and Chemistry
2.	Student Self Development Program	28.5.2020 &	76 undergraduate students from

		29.5.2020	Mathematics, Physics, Chemistry and Nutrition & Dietetics
3.	NEET PHYSICS-2020-I	08.06.2020 to 12.06.2020	40 students from standard XII who is appearing for NEET physics exams from all over Tamilnadu participated through online mode.

Guest/Invited lectures

S.No	Name of the Guest Speaker	Topic and Date	Beneficiaries
1.	Dr. J. Daniel Chellappa, Eminent Nuclear Scientist, Chennai.	Entrepreneurship Development Programme for Women & 05.02.2021	39 III B.Sc.,Physics and 41 III B.Com Students. Total-80 Students
2.	Dr. G.Sathya Narayanan,, Assistant Professor in Physiology, ALM PG Institute of Basic Medical Sciences, Taramani Campus,Chennai.	Stress - Trash of Modern Life & 19.02.2021	II B.A.,English-1,II B.Sc., Maths-3,II B.Sc., Physics-3,II B.Sc.,Biochemistry- 38,II B.Sc.,Zopology- 24,III B.Sc.,Zopology- 37,II B.Com-22,Total- 128
3.	Dr. N. Priyadharsini, Assistant Professor of Physics , PSGR Krishnammal College for Women, Coimbatore.	Energy Storage Devices: Aorta of Electric Hybrid & 20.02.2021	40 III B.Sc.,Physics students and 5 Faculty members.
4.	Dr. Alka V. Deshmukh, Assistant Professor of Physics, Fergusson College, Shivajinagar, Pune, 411 004.	Journey into Magnetism & 16.03.2021	35 I B.Sc., Physics students and 5 Faculty members.

Awareness Programme

S.No	Name of the Guest Speaker	Topic and Date	Beneficiaries
1.	Dr. SenthilVelavan MS (General Surgery), Assistant Professor, Government medical College and Hospital, Erode.	Awareness on Noble Corona Virus –A Global Pandemic & 31.07.2020	150 Physics students and 100 Parents
2.	Mrs. K. S. Anandhi B.H.M.S., M.D.(Horn.) Bharkavi Narayani Homeo Clinic, Thindal, Erode.	Health Education – Viral Infections & 13.02.2021	5 Teaching and 3 Non-teaching Staff Members and 65 III B.Sc., and II B.Sc., Physics students
3.	Dr.Kamaloaveni M.A.,M.Sc.,M.Phil.,Ph.D Assistant Professor, Department of Women's Studies, Bharathiar University, Coimbatore.	Gender Sensitization & 18.02.2021	5 Faculty members , 78 students from various Science and Arts Departments

Quiz

S.No.	Date	Event	Topic	Beneficiaries
1.	13.07.2020 to 16.07.2020	Quiz Competition	National level online Quiz contest on General Physics	419 participants all over India

Meeting with mentor

S.No.	Date	Mentor	Topic
1.	25.02.2021	Ms. M. Lavanya Assistant Professor PSGR Krishnammal College For Women,	Discussion regarding DBT activities

		Coimbatore	
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Workshops

S.No	Name of the Guest Speaker	Topic and Date	Beneficiaries
1.	Mr.G.K. Shanmugasundaram A.I.I.Chem.E., M.Sc., D.I.P.C.,Managing Partner of GEMCO Renewable Energy TrainingInstitute and The GEMINI Scientific Company,Chennai.	Two day-Entrepreneurial Training Workshop on “Solar cell Assembly and Installation” & 16.02.2021 & 17.02.2021	35 III B.Sc., Physics students ,8 III B.Sc., Chemistry students and, 5 I B.Sc., Physics. Total-48 Students
2.	Mr.N,Loganathan, Mullai Academy, Karur.	Quantitative Aptitude & Logical Reasoning Skills for Competitive Exams & 15.03.2021 & 16.03.2021	35 II B.Sc., Physics students and 38 II B.Sc., Chemistry students. Total- 73 students
3.	Dr. M. Senthilvelan, Associate Professor, Centre for Nonlinear Dynamics,School of PhysicsBharathidasan University, Tiruchirappalli- 620 024.	Lecture Workshop on “Vector Calculus &Quantum Mechanics” & 19.03.2021 & 20.03.2021	39 III B.Sc., Physics Aided students, and 39 III B.Sc., Physics Unaided students Total-78 Students
4.	Dr.D. SathiyaNarayanan, Head Technical Manager ,METTEX LAB,Chennai.	Principles and Applications of Analytical Instruments & 24.03.2021	36 III B.Sc., Physics students and 25 III B.Sc., Botany students Total-61 Students