



V.V.VANNIAPERUMAL COLLEGE FOR WOMEN

(Belonging to Virudhunagar Hindu Nadars)

An Autonomous Institution Affiliated to Madurai Kamaraj University

Re-accredited with 'A' Grade (3rd cycle) by NAAC

VIRUDHUNAGAR – 626 001 (TAMIL NADU)



DBT STAR COLLEGE SCHEME

Government of India, New Delhi

Chairman & Principal

: Dr.(Tmty.)S.M. MEENA RANI, M.Sc.,M.Phil.,P.G.D.C.A.,Ph.D.,

Contact number: 9498088703

e-mail:principal@vvvcollege.org

Coordinator & Member Secretary

: Dr.(Tmty.) M.TAMILSELVI, M.Sc.,M.Phil.,Ph.D.,

Contact Number:9894883106

e-mail:tamilasc.selvi08@gmail.com

REPORT OF THE ACTIVITIES (2022-2023)

WORKSHOP/SEMINAR/CONFERENCE

Date	Organizing Department	Title	Resource Person	Number of Beneficiary	Report	
19.09.2022	Chemistry	Interdepartmental Skill Development Entrepreneurship Workshop	Dr.M.Dhanalakshmi, Dr.M.Amutha, Assistant Professors of Chemistry, V.V.Vanniaperumal College for Women, Virudhunagar.	139	https://rb.gy/xo8ps	
08.10.2022	Mathematics	SERIES OF PRACTICE SESSION ON KNACK TO CRACK JAM			35	https://rb.gy/4dvy5
15.10.2022		Sequences and Series of Real Numbers	Mr. L. David Rajkumar, Assistant Professor of Mathematics, The American College, Madurai.			
29.10.2022		Functions of one Real Variable	Mr. G. Gnanaprakasam, Assistant Professor of Mathematics, Tamilnadu Polytechnic College, Madurai.			
11.11.2022						
14.10.2022	Mathematics	NATIONAL LEVEL SEMINAR ON DISCRETE MATHEMATICS			127 (100 students & 27 faculty members)	https://rb.gy/zejrn
		Graph Polynomials Discrete Mathematics	Dr.R.Kala, Professor, Department of Mathematics, Manonmaniam Sundaranar University, Tirunelveli – 627 012.			

		A Glimpse about Graphs from Rings	Dr.T.Asir, Associate Professor of Mathematics, Ramanujan School of Mathematical Sciences, Pondicherry University, Pondicherry.			
		Recent Trends in Graph Theory- Discrete Mathematics	Dr.I.Shahul Hameed, Assistant Professor of Mathematics, The Madura College, Madurai.			
		Distance in Complement of a Graph - Discrete Mathematics	Dr.A.Chellaram Malaravan, Assistant Professor of Mathematics, The American College, Madurai.			
17.10.2022	Chemistry	WORKSHOP ON “MODELLING OF DRYING IN THIN FILMS OF COLLOIDAL NANO MATERIALS”				
		Synthesis of Metallic Colloidal Nanoparticles	Dr.M.Jeyanthinath, Assistant Professor, Department of Material Science School of Chemistry, Madurai Kamaraj University, Madurai.	60	https://rb.gv/ngvov	
		Thin film coating of metallic Nano particles	Dr.V.Ragavendran, Research Associate, Department of Material Science School of Chemistry, Madurai Kamaraj University, Madurai.			
20.10.2022 & 21.10.2022	Zoology	Departmental Workshop on “Plant Transformation”	Dr.T.Jebasingh, Assistant Professor, Department of Plant Sciences, School of Biological Sciences, Madurai Kamaraj University, Madurai.	40 III B.Sc. Zoology	https://rb.gv/ld8jg	

29.10.2022	Chemistry	WORKSHOP ON “CHEMICAL TECHNIQUES IN CRIME INVESTIGATION”			https://rb.gy/s5uop
		1. Identifying Trace Evidences in Forensic Science	Dr.S.Shailaja, Assistant Professor of Chemistry, The Standard Fireworks Rajaratnam College For Women, Sivakasi.	80 III B.Sc. Chemistry	
		2. Forensic Toxicology	Dr.J. Porkodi, Assistant Professor of Chemistry, The Standard Fireworks Rajaratnam College For Women, Sivakasi.		
15.11.2022	Physics	Departmental Workshop on “Utilization of Renewable Energy Gadgets”	Mr.K.P.Suthakar, Suras Aditya Solar Shop, Madurai.	172 (II & III B.Sc Physics)	https://rb.gy/h3kig
09.01.2023 & 10.01.2023	Zoology	Rabbit farming	Dr.S.Anitha Banu,B.H.M.S., Managing Director, SSS Madurai Rabbit Farm, Madurai.	40 III B.Sc. Zoology	https://rb.gy/d47xx
19.01.2023	Chemistry	NATIONAL LEVEL SEMINAR ON CHEM MATERIAL AND THEIR FUTURISTIC APPLICATIONS IN HUMAN WELLBEING			https://rb.gy/5z3eb
		“Real –Time Applications of Smart Materials”	Dr.ManickamMahendran, Professor of Physics Materials Science Thiagarajar College of Engineering, Madurai, TamilNadu.	172	

		pH Responsive Curcumin Delivery from Biocompatible ZnO/Polymer Core-Shell Nanocomposites for Excellent Anti-Gastric Cancer Therapy (From Kitchento clinic).	Dr.Jamespandi Annaraj, Assistant Professor, Department of Materials Science, School of Chemistry, Madurai Kamaraj University, Madurai.		
		BlueLEDs“Inventionsand its Applications inDailylife	Dr.Sunil Sing Kushvaha, Principal Scientist, CSIR- National Physical Laboratory, New Delhi.		
31.01.2023 & 01.02.2023	Zoology	Feed Preparation and Seasonal Management of Poultry Farming	T. Vasudevan, Assistant Executive Engineer (Rtd), AKA Farm, Madurai.	40 III B.Sc. Zoology	https://rb.gy/hfn3i
02.02.2023	Physics	REGIONAL SEMINAR ON RECENT TRENDS IN NANOPHYSICS			
		Organic Electronic Devices	Dr.K.Sethuraman, Associate Professor & Head, Department of Materials Science, School of Technology, Central University of Tamilnadu, Thiruvarur.	187 (I, II & III B.Sc Physics)	https://rb.gy/tueh1
		Understanding the World of Nanoscience	Dr.P.Thangadurai, Associate Professor, Centre for Nano Sciences & Technology, Pondicherry University, Puducherry.		
		Transition Metal Oxide Thin Films: Preparation Techniques, Properties and Applications	Dr.R.Sivakumar, Assistant Professor in Physics, Alagappa University, Karaikudi.		

02.02.2023	Chemistry	Workshop on “Polymer Technology”	Dr. S. Gandhi, Associate Professor (Senior Grade), Department of Chemistry, Controller of Examinations, Kamaraj College of Engineering and Technology, Virudhunagar. Dr. M. G. Sri Bala, Assistant Professor, Department of Polymer Technology, Kamaraj College of Engineering and Technology, Virudhunagar.	100	https://rb.gy/qi5xb	
09.02.2023	Zoology	STATE LEVEL SEMINAR ON LIFE STYLE DISEASES			214	https://rb.gy/r92zz
		Women’s Health	Dr.R.Malarvizhi, BHMS (Homeopathy Physician) Hanumantha Clinic, Sivakasi.			
		Fundamental and Novel Concepts of Polycystic ovary Syndrome	Dr.V.Kumaravel, MD., DNB (Endo.),MNAMS, Director & Endocrinologist, Alpha Hospital & Research Centre/Alpha Health Foundation, Madurai.			
		Stress Management	Dr.Jancy Rani, B.Sc., SMS., MD &Psychology Counsellor, Balaji Fertility Centre, Palani.			
09.02.2023	Biotechnology	Recent Trends in Microbial Biotechnology	Dr.D.Dhanasekaran, Associate Professor/MBSI State President, Department of Microbiology, School of Life Sciences, Bharathidasan University, Tiruchirapalli.		https://rb.gy/s8wdu	

			<p>Dr.N.Sivakumar, Associate Professor of Molecular Microbiology, School of Biotechnology, Madurai Kamaraj University, Madurai.</p> <p>Dr.V.Shanmugaiah, Associate Professor/MBSI, University Coordinator, Department of Microbial Technology, School of Biological Sciences, Madurai Kamaraj University, Madurai.</p>	162	
14.02.2023 & 21.02.2023	Biochemistry	Clinical Laboratory Practices	Mr.J.Sukkulu M.Sc., Proprietor, Jana Clinical Laboratory & X Rays, Virudhunagar.	41	https://rb.gy/2ai8f
06.03.2023	Biotechnology	Bioprocess Technology	Dr.P.Murugan, Proprietor, Aurapha Private Limited, Rajapalayam.	70	https://rb.gy/l8ozv
09.03.2023	Biochemistry	Research Practices and ethics in Biological Sciences	<p>Dr.Sudhakar Sivasubramanian, Professor, Department of Biotechnology, Manonmaniam Sundharanar University, Tirunelveli.</p> <p>Dr.D.Victor Arokia Doss, Associate Professor, Department of Biochemistry, P.S.G College of Arts and Science College, Coimbatore.</p>	189	https://rb.gy/r6zhy

23.03.2023	Biochemistry	SDS - PAGE	Dr.Ananthi Sivagnanam, Director, Clinbiocare Technology, Coimbatore.	45	https://rb.gy/gnszo
27.03.2023	Biochemistry	Gene Cloning	Dr.H.Shakila, Professor & Head, Department of Molecular Microbiology, School of Biotechnology, Madurai Kamaraj University, Madurai.	68	https://rb.gy/uzx2h

HANDS –ON TRAINING PROGRAMME

Date	Organizing Department	Title	Resource Person	Number of Beneficiary	Report
13.10.2022	Mathematics	Hands on Training Programme on Mathematica	Dr.V.Parthiban, Assistant Professor, Mathematics Division, School of Advanced Sciences, Vellore Institute of Technology, Chennai.	75	https://rb.gy/hvxjb
18.10.2022	Computer Science	Hadoop	Ms. P. Kaviya,M.Tech., Assistant Professor of Information Technology, Kamaraj College of Engineering & Technology, Madurai.	70 I,II,III B.Sc Computer Science	https://rb.gy/cz5vu
19.10.2022	Chemistry	Fabulous Fibres	Mrs.A.Abinaya, B.B.A., Trainer in Fabric Designing, Sivakasi.	120	https://rb.gy/p97f1
19.10.2022	Biotechnology	Preparation of organic fertilisers and <i>Azolla</i> cultivation	Dr.M.Murugan, Assistant Professor of Botany, Sri Kaliswari College, Sivakasi.	89 I,II,III B.Sc. Biotechnology	https://rb.gy/vtr2p
28.10.2022	Botany	Interdepartmental Hands on Training - The Art of Bonsai Making Techniques	Dr.A.Mohanraj Assistant Professor & Head, Department of Botany, C.P.A. College, Bodinayakkanur, Theni Dt.	35 I B.Sc. Chemistry, II B.Sc. Zoology, II B.Sc. Home Science, II B.Sc. Microbiology, II B.Sc. Biochemistry, II B.Sc. Biotechnology and III B.Sc. Zoology	https://rb.gy/n3jfa

23.12.2022	Biochemistry	Inter Departmental Hands on Training on Formulation of Therapeutic Products	Mr. S. Senthilnathan, M.Sc., Dr.S.K.Subhalakshmi,BSMS., DR. P. Priyanka,BSMS., Kokila Siddha Hospital & Research Centre, Madurai.	41	https://rb.gy/x2pzi
29.12.2022	Biochemistry	Hydroponics (Departmental)	MR.C.Elavarasan, B.Sc. (Agri) & Mr. M. Venkatas, B.E., Technical Trainee, Technoneo Engineering and Technologies Pvt. Ltd., Madurai-16.	32	https://rb.gy/5h8j7
03.01.2023 & 05.01.2023	Botany	Interdepartmental Hands on Training - "Vegetative Propagation Techniques"	1.Dr.B.Karunai Selvi, 2.Dr.R.Murugalakshmi Kumari, Assistant Professor(s) of Botany, V.V.Vanniaperumal College for Women, Virudhunagar,	60 II B.Sc., Zoology I B.Sc., Chemistry II B.Sc., Biochemistry	https://rb.gy/b6uol
04.01.2023	Mathematics	Hands on Training Programme on LATEX	Dr.Kalyani, Professor, Kamaraj College of Engineering, K.Vellakulam, Virudhunagar.	59 III B.Sc., Mathematics	https://rb.gy/ilkiq
05.01.2023	Chemistry	Preparation of Cosmetic Products	Dr.J.Kavitha, Assistant Professor of Chemistry, V.V.Vanniaperumal College for Women, Virudhunagar,	56	https://shorturl.at/ILY03
10.01.2023	Computer Science	Data Analytics using SPARK	Dr. S.T. Veena, Assistant Professor (Sr. Grade), Department of Computer Science and Engineering, Mepco Schlenk Engineering College, Sivakasi.	41	https://shorturl.at/dkGPZ

18.01.2023	Chemistry	Spectral Characterization of Inorganic Complexes using UV and IR	Dr.M.Vairalakshmi, Assistant Professor of Chemistry, V.V.Vanniaperumal College for Women, Virudhunagar.	60	https://shorturl.at/ikyHX	
18.01.2023 & 19.01.2023	Computer Science	Automated Software Testing for Industrial Applications	Mr. V. Neethidevan M.C.A., M.E., Assistant Professor (Sl. Grade), Department of Computer Applications, Mepco Schlenk Engineering College, Sivakasi.	43	https://shorturl.at/fuQW0	
20.01.2023	Zoology	Synthesis of Nanoparticles	Dr.P.Samuel, Assistant Professor of Biotechnology, Ayya Nadar Janaki Ammal College, Sivakasi.	40 III B.Sc. Zoology	https://shorturl.at/drPV6	
30.01.2023 & 31.01.2023	Computer Science	Computer Network Projects Using Cisco Packet Tracer and Amazon Web services using Cloud	Dr.B.Selvakumar, Assistant Professor(Sl. Grade), Department of Computer Science and Engineering, Mepco Schlenk Engineering College, Sivakasi.	44	https://shorturl.at/fGQ68	
09.02.2023	Mathematics	HANDS ON TRAINING PROGRAMME ON R PROGRAMMING				
		Descriptive Statistics and Univariate Statistics using R-Software	Dr.P.Victor, & Dr. M.Sundar, Assistant Professor(s) of Mathematics, Thiagarajar College of Engineering, Madurai.	68	https://shorturl.at/kuFTV	
		Probability Distributions and Testing of Hypothesis				

10.02.2023	Computer Science	Internet of Things (IoT)	Dr.L.Murugesan, Lecturer, Electronics and Communication Engineering, Arasan Ganesan Polytechnic College, Sivakasi.	55	https://shorturl.at/HSTX4	
15.02.2023	Zoology	Honey Extraction and Seasonal Management of Apiary	Mr.C.Jeyakumar, Shamee Bee Farm, Rajapalayam.	40 III B.Sc. Zoology	https://shorturl.at/pxVX8	
15.02.2023 & 16.02.2023	Computer Science	Embedded Systems	Mr.Subash Selvasundaram, M.Sc., Founder CEO, Grandiose Academy Pvt., Ltd., Coimbatore.	31	https://shorturl.at/gtN68	
23.02.2023	Mathematics	HANDS ON TRAINING PROGRAMME ON CREATIVE DESIGN				
		Design Yourself with Photoshop	Mr.R.Prem Sankar, M.C.A,M.Phil, ADWD, Assistant Professor, Department of Computer Applications, VHNSN College (Autonomous), Virudhunagar.	65	https://shorturl.at/clwFR	
		Graphical Design with Canva	Mrs.A.Mareeswari,MCA.,Phil.,P.G.D.A.O.R.,P.G D.C.A., Assistant Professor, Department of Computer Applications, VHNSN College (Autonomous), Virudhunagar.			
23.02.2023 & 24.02.2023	Zoology	Molecular and Immunological Techniques	S.Sunil Laxman, Product Development Executive, Medox Biotech India Private Limited, Chennai.	40 III B.Sc. Zoology	https://shorturl.at/aclTU	

23.02.2023	Biochemistry	One Day Hands on Training on Traditional Healthy Food Preparation	Dr.D.Vijayarani, Associate Professor & Head, Mrs.S.Balasaraswathi, Mrs.S.Mathangi, Assistant Professor(s) of Home Science, V.V.Vanniaperumal College for women, Virudhunagar.	45	https://shorturl.at/klxEO
24.02.2023	Physics	Arduino Uno	Dr.P.Ramesh Babu, Assistant Professor of Electronics and Communication Systems, Sri Krishna Arts and Science College, Coimbatore.	45 (III B.Sc Physics)	https://shorturl.at/fjHT3
08.03.2023	Physics	Materials Characterization	Dr.A.Arivarasan, Assistant Professor of Physics, Kalasalingam Academy of Research and Education, Krishnankoil-626126.	56 (III B.Sc Physics)	https://shorturl.at/ryCN7
08.03.2023 & 09.03.2023	Computer Science	Machine Learning using Python	Dr.K.Thirumoorthy, Associate Professor, Department of Computer Science and Engineering, Mepco Schlenk Engineering College, Sivakasi.	39	https://shorturl.at/deyD2
08.03.2023	Biotechnology	Animal Cell Culture Technique	Dr.P.Arulselvan, & Dr.T.Rangarajan, Managing Director(s), Scigen Research & Innovation Pvt.Ltd., Thanjavur.	70	https://shorturl.at/tDHI9

13.03.2023	Biotechnology	PCR Technique	1.Dr.AnanthiSivagnanam, Founder & CEO, Clinbiocare Technology Research Institute, Tenkasi. 2.Dr. T. Balasankar Clinbiocare Technology Research Institute, Tenkasi.	70	https://shorturl.at/aimGQ
13.03.2023	Botany	Interdepartmental Hands on Training - “Horticultural Techniques - Miniature Garden, Hanging Pots, Layering and Grafting”	Mrs.D.Vimala Vijaya, The Director, Vijaya Agro Services, Sattur Road, Sivakasi Mr.M.Gurusamy, Assistant Horticulture Officer, Sattur.	63 II B.Sc., Zoology I B.Sc., Chemistry II B.Sc., Biochemistry	https://shorturl.at/aiF06
28.03.2023	Biochemistry	Clinical Diagnostics	Mr.M.Mohammad Basheer, & Mr.R.Dinesh, Lab Manager(s), Bose Clinical Laboratory & X rays, Madurai.	33	https://shorturl.at/xDM26

GUEST LECTURE

Date	Organizing Department	Title	Resource Person	Number of Beneficiary	Report
16.04.2022	Physics	Learning 8085 Microprocessor Architecture and Programming Techniques	Dr.G.Kumar Sathian, Former Head and Academic Dean of Madras Christian College, Founder – President, Floranix, Chennai.	120 (I, II & III B.Sc Physics)	https://shorturl.at/hFN17
21.09.2022	Physics	Awareness Programme on IIT JAM Examination preparation	Mrs. M.Sriniveetha,M.Sc.,B.Ed ,NET Assistant Professor of Physics, V.V.Vanniaperumal College for Women, Virudhunagar.	107 (II & III B.Sc Physics)	https://shorturl.at/gqDLM
22.09.2022	Physics	Life Skill Programme on Value Your Strength (Your Access to Good Life)	JC.Sudha Prasanna, National Trainer, Counsellor and Pshychotherapist, Managing Partner, Sri Rama Krishna & Co, Virudhunagar.	127 (I, II & III B.Sc Physics)	https://shorturl.at/deixE
30.09.2022	Zoology	“Health for Adolescent Girls”-Departmental Programme	Dr.S.Anitha, DGO, Government Hospital, Aruppukottai.	135 students of I, II and III UG Zoology	https://shorturl.at/gRZ59
06.10.2022	Chemistry	Biocatalytic and Nanobiocatalytic Organic Transformations	Dr.S.Stella, Assistant Professor, Department of Chemistry, Sarah Tucker College, Tirunelveli.	43 (Chemistry)	https://shorturl.at/fAIN5
08.10.2022	Physics	Preparation for JAM Examinations in Physics	Dr. A. Basherrudin Mahmud Ahmed, Assistant professor School of Physics, Madurai Kamaraj University, Madurai.	36 (II & III B.Sc Physics)	https://shorturl.at/xCDET

08.10.2022 & 29.10.2022	Chemistry	Hacks to Crack JAM Examination in Chemistry Preparation of JAM Examinations in Chemistry- Organic Chemistry	Dr.B.Kirthika Rani, Assistant Professor of Chemistry, The American College, Madurai.	37	https://shorturl.at/vBCFH
10.10.2022	Physics	Quantum to Cosmos – A Pleasant Journey	Dr.M.Arulmozhi, Associate Professor & Head, PG and Research Centre of Physics, Jayaraj Annapackiam College for Women, Periyakulam.	128 (I, II & III B.Sc Physics)	https://shorturl.at/fnxyD
12.10.2022	Botany	Invasive alien plants of Western Ghats: Taxonomy and Distribution	Dr.K.Suresh, Assistant Professor, Dean (Research), Research Department of Botany, Saraswathi Narayanan College, Madurai - 22.	80 I B.Sc Chemistry, II B.Sc Zoology and NME students -	https://shorturl.at/fmpZ2
14.10.2022	Computer Science	Cloud Computing Security	Dr. V.Isackirajan,M.Sc.,M.Phil.,Ph.D., Assistant Professor and Head, Department of Computer Science (PG), P.K.N. Arts & Science College, Thirumangalam.	83 I,II,III B.Sc Computer Science	https://shorturl.at/hioHY
15.10.2022	Physics	Cluster Colleges Meeting - Guest Lecture on “Recent trends on conducting Polymers Based Composites in Biosensor Applications”	Dr.J.Wilson, Assistant Professor, Department Bio Electronics and Biosensors, Alagappa University, Karaikudi.	117	https://shorturl.at/kstXZ

15.10.2022 05.11.2022 24.12.2022	Zoology	JAM Entrance Exam Coaching Class Series Session in Preparation of Biology for Appearing JAM Entrance Examination (Inter Departmental)	Dr. Vaitheeswaran, Associate Professor of Zoology,(Rtd) V.O.C.College, Thoothukudi.	32 II,III B.Sc Biotechnology, Biochemistry & Zoology	https://shorturl.at/pqxI R
17.10.2022	Botany	Natural Resources	Dr.N.Karthick, Assistant Professor, Department of Botany, G.Venkadaswamy Naidu College, Kovilpatti.	44 II B.Sc Biochemistry and II B.Sc Zoology	https://shorturl.at/egy E0
19.10.2022	Physics	Awareness Programme on Benefits of Solar Technology	Mr.S.Nambirajan, Senior Manager, Public Relations and Outreach, Madurai.	171 (I, II & III B.Sc Physics)	https://shorturl.at/adC LZ
		Life Skill Programme on Beware of Social Media	Mr.G.A.Silister, Society for Education and Economical, Development – Org, Rajapalayam.		
		Leadership Excellence	Mr.B,S.Vanarajan Society for Education and Economical, Development – Org, Rajapalayam.		
21.10.2022	Biotechnology	Current trends in Pharmaceutical Biotechnology	Dr.A.S. William Arputha Sundar,M.Pharm., Ph.D., Professor, Department of Pharmaceutics, Swamy Vivekanandha College of Pharmacy, Elaiyampalayam, Tiruchengode.	90 I, II,III B.Sc Biotechnology	https://shorturl.at/dpP 67

27.10.2022	Botany	Medicinal Chemistry: From Discovery to Development of New Drugs	Dr.M.Ayyanar, Assistant Professor, Department of Botany, A. V. V.M Sri Pushpam College (Autonomous), Poondi, Tanjavur Dis, Tamil Nadu.	44 II B.Sc Biochemistry II B.Sc Zoology	https://shorturl.at/luAD0
29.10.2022	Physics	Preparation for JAM Examinations in Physics	Dr. A. Basherrudin Mahmud Ahmed, Assistant Professor, School of Physics, Madurai Kamaraj University, Madurai.	26 (II & III B.Sc Physics)	https://shorturl.at/xCD1ET
15.10.2022 & 05.11.2022	Chemistry	Preparation of JAM Examinations in Chemistry- Inorganic Chemistry	Dr.S.Senthilkumar, Assistant Professor of Chemistry, ANJA College, Sivakasi.	37	https://shorturl.at/ghu1
05.11.2022	Physics	Preparation for JAM Examinations in Physics	Dr. A. Basherrudin Mahmud Ahmed, Assistant Professor, School of Physics, Madurai Kamaraj University, Madurai.	24 (II & III B.Sc Physics)	https://shorturl.at/xCD1ET
15.11.2022	Biochemistry	Entrepreneurial Skills in Clinical Laboratory Practices	Thiru.A.Janardhanan,DMLT,CMAL, Proprietor, Jana Clinical Laboratory and X-ray West Car Street, Virudhunagar-626001. Thiru. J.Sukkulu, M.Sc., DMLT, Proprietor, Jana Clinical Laboratory and X-ray West Car Street, Virudhunagar-626001.	50	https://shorturl.at/bBD1F2

07.01.2023	Physics	Preparation for JAM Examinations in Physics	Dr. C. Raja Mohan, Assistant Professor of Physics, The Gandhigram Rural Institute, Deemed to be University, Gandhigram.	16 (II & III B.Sc Physics)	https://shorturl.at/alaU6
07.01.2023	Chemistry	Preparation of JAM Examinations in Chemistry -Physical Chemistry	Dr.P.Sami, Associate Professor of Chemistry, Virudhunagar Hindu Nadars' Senthikumara Nadar College, Virudhunagar.	37	https://shorturl.at/pHL36
07.01.2023	Biotechnology	IIT-JAM exam Preparation-Problem solving strategies – Practice session	Mr.L.David Raj Kumar, Assistant Professor of Mathematics, The American College, Madurai.	12	https://shorturl.at/ipDFN
19.01.2023	Zoology	Environmental Toxicology and Social issue”	Dr.D.Kandasami, Assistant Professor, PG and Research Department of Zoology, National College, Tiruchirapalli.	40 III B.Sc. Zoology	https://shorturl.at/dCIJO
19.01.2023	Botany	Life Skill - Physicochemical Characterization and Therapeutic Applications of Sulfated Polysaccharides from Marine Algae	Dr.S.Sankaralingam, Assistant Professor of Botany, Saraswathi Narayanan College, Perungudi, Madurai- 22.	II B.Sc., Home Sciences – Nutrition and Dietetics, II B.Sc., Biochemistry and III B.Sc., Biochemistry	https://shorturl.at/bfDV3
20.01.2023 & 28.01.2023	Chemistry	Hacks to Crack Jam Examination in Physical Chemistry	Dr. R. Ebenezer, Assistant Professor of Chemistry, The American College, Madurai.	37	https://shorturl.at/bfOZ2

28.01.2023	Physics	Preparation for JAM Examinations in Physics	Dr. C. Raja Mohan, Assistant Professor, Department of Physics, The Gandhigram Rural Institute Deemed to be University, Gandhigram.	33 (II & III B.Sc Physics)	https://shorturl.at/alaU6
22.02.2023	Chemistry	Problem Solving Approach: Organic Spectroscopy	Dr.M.Murugalakshmi, Assistant Professor, The Standard Fireworks Rajaratnam College for Women, Sivakasi.	43	https://shorturl.at/eqPQW
28.02.2023	Chemistry	Global Science for Global wellbeing	Dr. K. Vigneswari, Assistant Professor and Head, Sri Meenakshi Government Arts College for Women, Madurai.	43	https://shorturl.at/kouVX
10.03.2023	Chemistry	Activation Energy for a Chemist	Dr. M. Ganapathi, M.Sc., M.Phil., B.Ed., Ph.D (Belgium), Assistant Professor of Chemistry, Vivekananda College, Thirurvedakam West, Madurai.	43	https://shorturl.at/bfuFP
23.03.2023	Biochemistry	Applications of Nanoparticular	Dr.S.Karutha Pandian, Assistant Professor, PG & Research, Department of Chemistry, VHNSN college, Virudhunagar.	33	https://shorturl.at/gmMR0
25.03.2023	Biochemistry	Opportunities for Life Science Students	Dr. M. Kannan, Assistant Professor of Zoology, VHNSN College for women, Virudhunagar.	33	https://shorturl.at/dlwCS

25.03.2023	Biochemistry	Immunodiffusion, PCR Technique & Career Guidance	Mr.Sunil Laxman, Product Development Executive, Medox Biotech India Pvt Ltd., Chennai.	33	https://shorturl.at/cpN <u>04</u>
27.03.2023	Biochemistry	Cardiac Hypertrophy	Dr.Sankar Natesan, Chairperson, School of Biotechnology, Professor, Department of Biochemistry, Madurai Kamaraj University, Madurai.	33	https://shorturl.at/finx <u>D</u>

SIGNIFICANCE DAY CELEBRATIONS (COMPETITIONS)

Date	Organizing Department	Competitions	Title	Number of Beneficiary	Report
INTER COLLEGIATE COMPETITIONS ON RECOVERING KEY SPECIES FOR ECOSYSTEM RESTORATION.					
11.10.2022	Zoology	Rangoli	Elephant-A Keystone species	63 participants from six Colleges	https://shorturl.at/entAF
		Pencil Drawing	Keystone animal		
		Slogan Writing	Role of individual in conservation of keystone species		
		Face Painting	Keystone fauna of Marine Environment		
		Parody	Voice of Wild Animals		
		Poster Presentation	Keystone species – A Valuable Biological Resource		
13.10.2022	Biochemistry	INTERNATIONAL DAY OF DISASTER REDUCTION			https://shorturl.at/iAU67
		Interdepartmental Drawing competition	Human Responsibilities in reduction of Natural Disaster	44	
		Interdepartmental Slogan	Human Responsibilities in reduction of Natural Disaster	23	

		writing competition			
		Guest Lecture	Mr. G. Ramesh Kumar, M.Sc., M.Phil., Assistant Professor of Zoology, V.H.N.S.N. College, Virudhunagar.	53	
		Rally		68	
16 .10.2022 to 22 .10.2022 (7 Days)	Chemistry	NATIONAL CHEMISTRY WEEK CELEBRATION			
		National Chemistry Week Celebration		50	https://shorturl.at/dDPT5
		Handicraft making		25	
		Poster Presentation		35	
		Model Making -Any chemistry model using cotton and jute		25	
		Model Making	Any chemistry model using cotton and jute	25	
		Paper presentation	Fabulous Fibres in day to-day life	23	
		Handicraft making Competitions	Handicraft using woollen thread	31	Chemistry, B.Com, Computer science

		Poster Presentation	Fabulous Fibres in day to-day life		
20.10.2022	Chemistry	National Chemistry Week Celebration – 2022 Guest Lecture	Dr.C. ThamaraiChelvi, Assistant Professor, Department of Chemistry, The Standard Fireworks Rajaratnam College for Women, Sivakasi.	43	https://shorturl.at/ijBP7
01.11.2022	Physics	Poster Competition	Space and Sustainability	8	https://shorturl.at/ahxRY
		Quiz Competition		10	
01.11.2022		Exhibition		50	
22.12.2022	Mathematics	NATIONAL MATHEMATICS DAY CELEBRATION (Competitions For Schools Students)			
		Category –I - VI Standard To VIII Standard			
		<ul style="list-style-type: none"> • Origami Mathematical Models • Art from Waste • Puzzle Solving 			https://shorturl.at/chCU7
		Category II- IX Standard & X Standard			
		<ul style="list-style-type: none"> • Pencil Drawing: 3D • Geometrical Rangoli • Puzzle Solving 	Beauty of Mathematics in Nature	Dr. A. Wilson Baskar, Assistant Professor of Mathematics, Saraswathi Narayanan College, Madurai	390 (21 Schools)

		Category III - XI Standard & XII Standard <ul style="list-style-type: none"> • Dumb-Show • Mathematical Model Display • Online Quiz 	Application of Mathematics in real life		
		Competitions For Non-Mathematics Students			
		<ul style="list-style-type: none"> • Geometry String Art • Album Making • Video Creation 	Applications of Mathematics In Everyday Life Any Mathematical Concept	30	
		Competitions For Mathematics Students			
		Match Stick Art	Wall Hanging		
		Cross word Puzzle		65	
		Mathematical Model Display			
30.12.2022 & 04.01.2023	Biotechnology	NATIONAL POLLUTION CONTROL DAY (Interdisciplinary Competitions on Environmental Protection)			
		Poster making	Protect Our Earth	21	https://shorturl.at/iwJY3
		Essay writing	Impact of E-Waste on our Environment	63	

		Video making conservation	Biodiversity	10	
		Video making	Biodiversity conservation	10	
		Quiz	Environmental pollution and its control	82	
31.12.2022	Physics	ENERGY CONSERVATION WEEK CELEBRATION			
		Guest Lecture on “Necessity for Renewable Energy in Present Scenario in our Nation”	Er. G. Ganesan, M.E, Senior Manager / Training, Technical Training & Development Centre, TANGEDCO, Virudhunagar	121 (I, II, III B.Sc Students)	https://shorturl.at/vVW59
18.01.2023	Physics	ENERGY SAVING WEEK CELEBRATION			
		Departmental Level Model Making	Future Energy Scenario	9	
		Interdepartmental Level Art from Waste	Renewable Energy Resources	9	
19.01.2023		Departmental Level Rangoli	Save Energy Save Earth	15	
		Interdepartmental Level Essay Writing	A Step towards Sustainable Energy from Home	15	

20.01.2023		Interdepartmental Level Poster Presentation	Necessity for Renewable Energy Resources	8	
23.01.2023		Guest Lecture on “Energy Saving in Present Scenario”	Mr.N.Shenbagamoorthi B.E., Assistant Engineer / Training, Technical Training & Development Centre, TANGEDCO, Virudhunagar.	147	
24.02.2023	Botany	World Forest Day Celebration– (21.03.2023)			
		Poster Presentation Art from Waste Pencil sketch	Forest and Health Restoration of Forest Logo of World Forest Day with caption	47	https://shorturl.at/swOOZ
28.02.2023	Physics	National Science Day Celebrations			
		Guest Lecture on “Innovation and Invention	Dr.T.Arockia Doss, Assistant Professor & Head(i/c) Department of Physics Directorate of Distance Education Madurai Kamaraj University, Madurai.	156	https://shorturl.at/np178
		Interdepartmental Level	Miss Earth – Waste Management	10	
		Departmental	Poster Making - Raman – Renowned Scientist of the Century Face Painting - 21 th Century Science	13 11 teams	

OUTREACH/EXTENSION ACTIVITY

Date	Organizing Department	Title	Resource Person	Number of Beneficiary	Report
22.07.2022	Botany	Handling theory classes on Plant Kingdom	Dr.R.Sreebha, Assistant Professor of Botany, V.V.Vanniaperumal College for Women, Virudhunagar.	60 11 th Std. students Government Higher Secondary School, Chathirareddiapatti, Virudhunagar.	https://shorturl.at/rvIX1
		Sexual and Asexual Reproduction	Dr.R.Murugalakshmi Kumari, Assistant Professor of Botany, V.V.Vanniaperumal College for Women, Virudhunagar.	80 12 th Std. students Government Higher Secondary School, Chathirareddiapatti, Virudhunagar.	
21.7.2022 - 28.7.2022	Zoology	Handling classes on the “Concepts in Biology” for the students of STD XI and XII,	Faculty Members, Department of Zoology, V.V.Vanniaperumal College for Women, Virudhunagar.	189 94students of Std.XII, and 95 students of Std. XI Govt.Hr.Sec. School, Chathirareddiapatti, Virudhunagar.	https://shorturl.at/kqCK1
28.07.2022	Botany	Living World	Dr.B.Karunai Selvi, Assistant Professor of Botany, V.V.Vanniaperumal College for Women, Virudhunagar.	60 11 th Std. students of Government Higher Secondary School, Chathirareddiapatti, Virudhunagar.	https://shorturl.at/jrxE7
31.10.2022	Zoology	Educational guidance using learning resources	Faculty Members, & Students of III B.Sc Zoology, Department of Zoology, V.V.Vanniaperumal College for Women, Virudhunagar.	195 11 th & 12 th Std. students Government Higher Secondary School, Chathirareddiapatti, Virudhunagar	https://shorturl.at/hvGR4

04.11.2022	Physics	Experimental Physics	Faculty Members, Department of Physics, V.V.Vanniaperumal College for Women, Virudhunagar.	45 TPNM Girls Hr.Sec School, Virudhunagar.	https://shorturl.at/gh HQ2
04.11.2022	Chemistry	Organic Analysis	Dr.M.Dhanalakshmi & Dr.M.Amutha, Assistant Professor(s) of Chemistry, V.V.Vanniaperumal College for Women, Virudhunagar.	45 TPNM Girls Hr.Sec School, Virudhunagar.	https://shorturl.at/joq KV
05.11.2022	Botany & Chemistry	Career Guidance on Botany and Biology	Dr.R.Sreebha, Assistant Professor of Botany, V.V.Vanniaperumal College for Women, Virudhunagar. Dr.M.Amutha, Assistant Professor of Chemistry, V.V.Vanniaperumal College for Women, Virudhunagar.	11 th Std. students – 120 Students 1. Kshatria Hindu Nadar Higher Secondary School Perunali, 2.Kshatria Nadar Girls Higher Secondary School, Aruppukottai, 3. Kshatria Nadar Matriculation Higher Secondary School, Kamuthi	https://shorturl.at/tANU Z
08.11.2022	Physics	Experimental Physics	Faculty Members, Department of Physics, V.V.Vanniaperumal College for Women, Virudhunagar.	60 +2 Students Govt.Hr sec. School, Pandalkudi, Virudhunagar Dt.	https://shorturl.at/hI OR4
08.11.2022	Chemistry	Organic Analysis	Mrs.R.Nagasathya & Dr.J.Kavitha, Assistant Professor(s) of Chemistry, V.V.Vanniaperumal College for Women, Virudhunagar.	57 +2 Students Govt.Hr sec. School, Pandalkudi, Virudhunagar Dt.	https://shorturl.at/ktw R0

10.11.2022	Physics	Experimental Physics	Faculty Members, Department of Physics, V.V.Vanniaperumal College for Women, Virudhunagar.	45 +2 + 1 students Govt.Hr sec. School, Pandalkudi, Virudhunagar Dt.	https://shorturl.at/nszG3
10.11.2022	Chemistry	Inorganic Semimicro Qualitative Analysis	Dr.M.Dhanalakshmi & Mrs..Prasanna, Assistant Professor(s) of Chemistry, V.V.Vanniaperumal College for Women, Virudhunagar.	45 + 1 students Govt.Hr Sec. School, Pandalkudi, Virudhunagar Dt.	https://shorturl.at/prBNW
10.11.2022	Zoology	Demonstration of Practicals	Dr.R.Radhalakshmi, Ms.C.Sundareswari and Ms.S.Jeyadurgha, Assistant Professor(s) of Zoology, V.V.Vanniaperumal College for Women, Virudhunagar.	50 + 1 students Govt. Hr Sec. School, Pandalkudi, Virudhunagar Dt.	https://shorturl.at/bfovY
10.11.2022	Botany	Demonstration of Botany Practical	Dr.B.Karunai Selvi, Dr.R.Murugalakshmi Kumari, Dr.R.Sreebha, Assistant Professor(s) of Botany, V.V.Vanniaperumal College for Women, Virudhunagar.	50 11 th Std. students of Government Higher Secondary School, Pandalkudi, Aruppukkottai.	https://shorturl.at/ahot1
05.12.2022	Physics	Experimental Physics	Faculty Members, Department of Physics, V.V.Vanniaperumal College for Women, Virudhunagar.	40 (12 th Std, Bio- Mathematics) (12 th Std, Bio-Computer Science) Govt.Hr. Sec. School, Chathirareddiapatti, Virudhunagar Dt.	https://shorturl.at/biR89

05.12.2022	Chemistry	Organic Analysis	Dr.M.Dhanalakshmi & Dr.M.Amutha, Assistant Professor(s) of Chemistry, V.V.Vanniaperumal College for Women, Virudhunagar.	78 (12 th Std, Bio-Computer Science) (12 th Std, Bio- Mathematics) Chathirareddiapatti, Govt.Hr. Sec. School, Virudhunagar Dt.	https://shorturl.at/msPT0
06.12.2022	Botany	Demonstration of Botany Practical	Dr.B.Karunai Selvi, Dr.R.Murugalakshmi Kumari, Dr.R.Sreebha, Assistant Professor(s) of Botany, V.V.Vanniaperumal College for Women, Virudhunagar.	82 I Batch - 40 Students (12 th Std, Bio- Mathematics)	https://shorturl.at/hAGV4
				II Batch - 42 Students (12 th Std, Bio-Computer Science) 12 th Std. Students Govt.Hr.Sec. School, Chathirareddiapatti, Virudhunagar.	
06.12.2022	Zoology	Demonstration of Practicals	Faculty Members, Department of Zoology, V.V.Vanniaperumal College for Women, Virudhunagar.	79 (12 th Std, Bio-Computer Science) (12 th Std, Bio- Mathematics) Students of Std.XII Govt.Hr.Sec. School, Chathirareddiapatti, Virudhunagar.	https://shorturl.at/giHU5
07.12.2022	Computer Science	Python	Mrs. K. Annbuselvi & Dr. M. Chamundeeswari, Associate Professor(s) of Computer Science, V.V.Vanniaperumal College for Women, Virudhunagar.	43 (12 th Std, Bio- Computer Science) Govt.Hr. sec.School, Chathirareddiapatti, Virudhu nagar Dt.	https://shorturl.at/frwJ5

18.01.2023	Biotechnology	Career guidance in Schools	Mrs.Sinthia Ganeshan, Assistant Professor of Biotechnology, V.V.Vanniaperumal College for Women, Virudhunagar.	X and XII Std students of S.R.N. Government Girls Higher Secondary School, Thiruthangal Virudhunagar Dt.	https://shorturl.at/fwyPX
27.01.2023	Botany	Career Guidance on Botany and Biology	Dr.R.Murugalakshmi Kumari Assistant Professor of Botany V.V.Vanniaperumal College for Women, Virudhunagar	40 Participants; 12 th Std., Students Govt.Hr.Sec. School, Sengappadai	https://shorturl.at/ghqDY
28.01.2023	Chemistry	Preparation of Bath Soapat Paavaali	Dr.J.Kavitha, Assistant Professor of Chemistry, V.V.Vanniaperumal College for Women, Virudhunagar.	106	https://shorturl.at/aDKZ9
28.01.2023	Chemistry	Preparation of Shampooat Vadamalaikurichi	Dr.M.Vairalakshmi, Assistant Professor of Chemistry, V.V.Vanniaperumal College for Women, Virudhunagar.	86	https://shorturl.at/tDGLM
28.01.2023	Chemistry	Preparation of Handwashat Paapakudi	Dr.M.Subhalakshmi, Assistant Professor of Chemistry, V.V.Vanniaperumal College for Women, Virudhunagar.	85	https://shorturl.at/hps01
14.02.2023	Mathematics	Career Guidance and Personality Development Programme	Dr.P.Gnanachandra, Assistant Professor, Centre for Research and Post Graduate Studies in Mathematics, Ayya Nadar Janaki Ammal College, Sivakasi.	67	https://shorturl.at/bBLST

LAB ATTENDANT ACTIVITY

Date	Organizing Department	Title	Resource Person	Number of Beneficiary	Report
14.11.2022 22.11.2022	Physics	Efficient Usage of Energy Resources	Faculty Members, Department of Physics, V.V.Vanniaperumal College for Women, Virudhunagar.	28	https://shorturl.at/hEG <u>Z1</u>
24.11.2022	Botany	Solid Waste Management	Dr.B.Karunai Selvi, Assistant Professor of Botany, V.V.Vanniaperumal College for Women, Virudhunagar.	28	https://shorturl.at/cnv0 <u>2</u>
24.11.2022	Biotechnology	Liquid Waste Management	Mrs.SinthiaGaneshan, Assistant Professor of Biotechnology, V.V.Vanniaperumal College for Women, Virudhunagar.	20	https://shorturl.at/jCO <u>28</u>
25.11.2022	Biochemistry	Biomedical Waste Management	Dr. R. Renuka, Associate Professor of Biochemistry, V.V.Vanniaperumal College for Women, Virudhunagar.	22	https://shorturl.at/eHP <u>V6</u>
25.11.2022	Zoology	Waste Recycling Methods	Dr. P. Vijaya, Assistant Professor of Zoology, V.V.Vanniaperumal College for Women, Virudhunaga.	21	https://shorturl.at/dqw <u>z6</u>
28.11.2022	Physics	Radioactive Waste Management	Faculty Members, Department of Physics, V.V.Vanniaperumal College for Women, Virudhunagar.	28	https://shorturl.at/cd24 <u>7</u>

28.11.2022	Computer Science	e-Waste Management	Mrs. K. Annbuselvi, Associate Professor of Computer Science, V.V.Vanniaperumal College for Women, Virudhunagar.	20	https://shorturl.at/kyC <u>PX</u>
29.11.2022	Chemistry	Management of Hazardous Chemicals	Dr.J.Kavitha, Assistant Professor of Chemistry, V.V.Vanniaperumal College for Women, Virudhunagar.	23	https://shorturl.at/kvC <u>P2</u>

SUMMER TRAINING FOR STUDENTS

Date/ Time	Organizing Department	Title	Resource Person	Number of Beneficiary	Report
18.11.2022 to 22.11.2022	Zoology	Fresh water fish culture	Dr.S.Athithan, Head, Department of Aquaculture, Fisheries College and Research Institute, Thoothukudi.	4 II UG Zoology	https://shorturl.at/am <u>HS3</u>
19.04.2023	Botany	Mushroom Cultivation	Dr.R.Murugalakshmi Kumari Assistant Professor of Botany V.V.Vanniaperumal College for Women, Virudhunagar.	43 27 II B.S., Zoology & 16 II B.Sc., Biotechnology	https://shorturl.at/zIJZ <u>1</u>

FACULTY DEVELOPMENT PROGRAMME

Date	Organizing Department	Title	Resource Person	Number of Beneficiary	Report
08.04.2022	Physics	Microprocessor and Microcontroller Interfacing Based Projects	Mr.M.Arularasan, Production Manager & Service Engineer, Floranix,Adiyar, Chennai.	15 (Physics discipline)	https://shorturl.at/agzBO
11.11.2022	Botany	Intercollegiate Workshop on “Herbal Products Preparation”	Thiru.M.Velmurugan, Siddha Vaithiyar, Kosaye Siddha Vaidya salai, Sivakasi.	21	https://shorturl.at/rM589
18.11.2022	Zoology	Inter Departmental Workshop on “Patent Searching and Filing Procedure”	Dr. Gomati Padma ThilagaSivanantham, Scientist-B, Patent Information Centre, Tamil Nadu Council for Science and Technology, Chennai.	106	https://shorturl.at/eryC9
18.11.2022	Botany	Faculty Development Programme (Intercollegiate)Taxonomic workout of Bryophytes	1.Dr.K.M.Manjula, Assistant Professor of Botany, Mar Thoma College, Chungathara, Kerala. 2.Dr.B.Mufeed, Research Associate, DST – SERB CRG Project, Bryology Division, University of Calicut, Malappuram District, Kerala.	7	https://shorturl.at/iuJSX
18.11.2022, 21.11.2022 & 22.11.2022	Computer Science	ReactJS	Mr. T. Muthuvijayaraja, Chief Technology Officer, DCE Technology, Virudhunagar.	31	https://shorturl.at/LMTV7

30.11.2022 to 02.12.2022	Computer Science	Angular	Mr. R. PremSankar, MCA.M.Phil.,ADWD, Assistant Professor, Department of Computer Applications, V.H.N.S.N.College, Virudhunagar.	31	https://shorturl.at/nxRU9	
05.12.2022	Biotechnology	Workshop on “Molecular Docking tools”	Dr.A.Mahalakshmi, Assistant Professor of Zoology, Lady Doak College, Madurai.	30	https://shorturl.at/EKLUW	
13.12.2022	Biochemistry	Scientific Approach for Building Mental Well being	Dr. Janet Vasanthakumari, Director-Counselling, M.S. Chellamuthu, Former Principal, Trust and Research Foundation, Madurai.	40	https://shorturl.at/ahyDP	
27.12.2022 & 28.12.2022	Mathematics	FACULTY DEVELOPMENT PROGRAMME ON PYTHON				
		Introduction to Python	Mr.S.Valai Ganesh, Assistant Professor, Department of Mechanical Engineering, Ramco Institute of Technology, Rajapalayam.	29	https://shorturl.at/ruzHX	
		Python Basics				
28.01.2023 & 11.02.2023	Physics	Hands on Practice: Interfacing Sensors with Arduino	Dr.V.Jeyalakshmi, Assistant Professor (Senior Grade), Department of ECE, MEPCO Schlenk Engineering College, Sivakasi.	22	https://shorturl.at/t1469	

INDUSTRIAL VISIT

Date	Organizing Department	Place	Number of Beneficiary	Outcome	Report
24.09.2022	Chemistry	Global Polybags Industries Pvt.Ltd., Virudhunagar.	20 IB.Sc Chemistry	Field visit enabled all the students to understand the manufacturing process of polybags. This visit provided a fertile background to understand the theoretical concepts in an easy manner. Moreover, our students had interaction with the eminent industrialists and got motivation.	https://shorturl.at/gNWZ6
24.09.2022	Biotechnology	Paprika Oleos India Limited, Palavanatham.	25	The students learned about the functioning of the food industry with regard to extraction of chilli oleoresin, quality control in the laboratory, marketing and sales, effluent treatment and vermicomposting of wastes.	https://shorturl.at/lsE07

29.10.2022	Physics	Solar Powered Millet Unit, Amathur	48 (II & III B.Sc Physics)	The students gained knowledge about the usage of solar power in Millet Unit. Awareness was created about the government schemes to get the subsidy for installation of solar panel and motivated them to become an entrepreneur.	https://shorturl.at/eipHP
12.11.2022	Biochemistry	Jana Laboratory & X-Rays	31	The Visit to Jana Clinical Laboratory & X Rays, Virudhunagar on 12.11.2022 created anawareness about the blood bank procedures and biochemical, clinical lab instrument procedures. This could create a job opportunity for the students after the completion of the degree to operate the sensitive instruments and also they	https://shorturl.at/loqK2

				could establish a lab on their own where their entrepreneurship will be enhanced.	
29.10.2022	Botany	Spirulina Cultivation Unit, Anthaneri Village, Kadachanenthal, Madurai.	26 III B.Sc. Biochemistry	Students learnt mass cultivation technique of Spirulina.	https://shorturl.at/ejtMS
21.02.2023	Zoology	Alpha hospital, (Laboratory visit) Madurai.	40 III UG Zoology	Students learnt biochemical analytical methods and hormonal analysis.	https://shorturl.at/dGJ36

RESEARCH CENTRE VISIT

Date	Organizing Department	Place	Number of Beneficiary	Outcome	Report
21.09.2022	Physics	Tuticorin Thermal Power Station, Tuticorin.	23 (I B.Sc., Physics)	The idea behind this experiential learning developed student's deeper understanding of the thermal power plant. It sharpened the skills of observation and perception by utilizing the community interaction. The students got an incidental and lifelong learning.	https://shorturl.at/hsM24
20.01.2023	Botany	School of Biological Sciences, Madurai Kamaraj University, Madurai.	16 II B.Sc., Home Sciences – Nutrition and Dietetics	Learnt the Principles and operation techniques of advanced Equipment in School of Biological Sciences, Madurai Kamaraj University, Madurai	https://shorturl.at/ditT5
31.01.2023	Chemistry	National Institute of Technology, Trichy.	40	Enable to learn the Research activities and handling of equipment for their Projects	https://shorturl.at/fktQU
10.02.2023	Zoology	Central Marine Fisheries Research Institute, Mandapam.	40 students of UG Zoology	Students learnt about the marine diversity in Mandapam coast.	https://shorturl.at/kqztI
24.02.2023	Biochemistry	Madurai Kamaraj University, Research Centre.	33	The Research Centre visit to School of Biological Sciences, Madurai Kamaraj University	https://shorturl.at/HLSUZ

				Under DBT Star College Scheme enlighten the students about various biological research. Further they got motivated to join Master studies and to take up research as a career.	
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PUBLISHED BOOK

S.No	DEPARTMENT	DETAILS OF BOOK	ISBN NO
1.	Botany	Murugalakshmi Kumari R (2022). An Handbook on Flora of VVVC. Jeyalakshmi Publication 1-87pp.	978-93-91987-93-0
2.	Zoology	Radhalakshmi R and Tamilselvi M (2023). Lab Manual on Invertebrate and Chordata, VVVC Publisher.	978-81-956419-5-6
3.	Zoology	Veeramuthumari P (2022). New Horizons in Medicine and Medical Research, LAP LAMBERT Academic Publishing. 85pp.	978-620-5-51040-7
4.	Zoology	Tamilselvi M and Abdul Jaffar Ail H (2023). அறிவியல் பழமொழிகள்-விளக்கம் (Exploration of Science from proverbs).VVVC Publisher. 121pp	978-81-956419-8-7
5.	Zoology	Tamilselvi M (2023). Lab Manual on Biochemistry and Physiology	-
6.	Biochemistry	Sudha Rameshwari K (2023). A Hand Book for Science Laboratory.	978-93-5891-559-4
7.	Biochemistry	Sudha Rameshwari K (2023). Bioinformatics Laboratory Manual.	-

BOOK CHAPTERS

S.No	DEPARTMENT	DETAILS OF BOOK	ISBN NO
1.	Mathematics	Uma Maheswari M (2022). Current Topics on Chemistry and Biochemistry in Kinetic Behaviour of Enzymes Immobilized Membranes in Potentiometric Biosensor : Homotopy Perturbation Method, B P International, 1-24.	978-93-5547-941-9
2.	Chemistry	Anitha A (2022). Frontiers of chemical sciences, Chapter: Adsorptive Removal of Crystal Violet and Methyl Orange Dye Banyan Leaf (FicusCitrifolia) Derived Carbon in Adsorptive Removal of crystal violet and Methyl orange Dye Banyan leaf (Denied Carbon), NavanilaMaruthi Publication, 49-62	9788195187126
3.	Chemistry	Anitha A and Ramila Devi N (2023). Biochar - Productive Technologies, Properties and Applications in Prospects of Biochar as aRenewable Resource for Electricity, Intech open publisher, 23-40	978-1-80356-251-3
4.	Biochemistry	Rajakumari M (2022). Trends in Environmental Biology in Environmental Pollution and their Management: an Synopsis on Current Practices, Progresses, and New Perceptions in Environmental Pollution Treatment, KripaDrishti Publications, 25-36	978-93-94570-52-8
5.	Biochemistry	Salini R (2022). Trends in Environmental Biology in Environmental Factors Causing cancer, KripaDrishti Publications, 37-42.	978-93-94570-52-8
6.	Biochemistry	GloriaJemmiChristobel R and Renuka R (2022). Interdisciplinaryapproach on progressive research and perception in Science Behind <i>Wedelia chinensis</i> - A Nature's Gift, ESN Publications, 4.	978-93-95196-62-8
7.	Zoology	Veeramuthumari P (2022). Interdisciplinaryapproach on progressive research and perception, in Trace Elements - Human Nutrition and Health, ESN Publications, 21-26	978-93-95196-62-8

PUBLISHED ARTICLE

S.No	DEPARTMENT	DETAILS OF ARTICLE
1.	Physics	Rathinamala I (2022). Carboxymethyl Cellulose Gratified on Mesoporous Cobalt Oxide Milieu: Synthesis, Formation Mechanism and Electrochemical Features, <i>Chemistry Select</i> , 2365-6549
2	Physics	Shanmugapriya G (2022). Investigation of the rotational lines of A-X and C-A band systems of aluminium deuteride molecule using sunspot umbral spectra, <i>The European Physical Journal Plus</i> , 2190-5444
3	Mathematics	Maheswari MC (2022). Modified HIV-1 Infection Model With Delay in Saturated CTL Immune Response, <i>Communications in Mathematical Biology and Neuroscience</i> , 2052-2541
4	Biochemistry	Sudha Rameshwari K, Lakshmi Praba A, Raksitha T, Sangeetha M and Vijaya Shanthi J (2022). A Comparative Study on the Ascorbic Acid Content of Several Fruits. <i>International Journal of Food and Nutritional Sciences</i> , 11(7):1224-1232.
5	Zoology	Tamilselvi M., Prabhavathi V., Sivani P., Balanagammal P., Anitha M., Karthika R and Priyadharshini P (2022). Exploration of Scientific Facts on Crabs (Crustaceans) in Tamil Literature <i>IMIRJ VI (2) : 57-64</i>
6.	Chemistry	Vairalakshmi M (2023). Evaluation of the Cytotoxic and Antioxidant Activities of Isonized derived Copper and Cobalt Complexes, <i>Mukt Shabd Journal</i> , 2347-3150
7.	Biochemistry	Gloria Jemmi Christobel R and Sudha Rameshwari K (2022). Antibacterial and Antioxident Effect of Citrus Limon- <i>Vitisvinifera</i> Leaf Combinations, <i>Res.Jr.of Aril.Sci</i> , 0976-1675
8.	Chemistry	Ramila Devi N and Kavitha J (2023). Approaching the pharmaceutical water pollution issue using nanosized efficient compounds via photo catalytic degradation, <i>Mukt Shabd Journal</i> , 2347-3150
9.	Botany	Murugalakshmi Kumari R (2022). Chemical Profiling and Biological Activity of leaf Essential Oil of <i>Eugenia rottleriana</i> Wt. & Arn., <i>Arabian Journal of Medicinal & Aromatic Plants</i> , 2458 - 5920
IPR - Title of the Invention		
10	Biotechnology	Dr.V. Jeyasinga, and Sinthia Ganesan, (2022) Method for Manufacturing Biodegradable Polymeric Nanoparticles Application No: 202241007582
11	Biochemistry	Sudha Rameshwari K (2022). Development of Herbal Tablet for Therapeutic Intervention,
12	Biochemistry	Rajakumari M and Salini R (2022). A method, system and apparatus for cancer immunotherapy based on nanomedicines, <i>The Patent Office Journal - Intellectual Property India</i> , Application number 202241050942

DOCUMENTATION IN DATABASE

S.No	DEPARTMENT	DETAILS	DATABASE
1.	Biochemistry	Rajakumari M and Salini R (2022). Enterobacter cloacae strain VRRAB_5 16S ribosomal RNA gene, partial sequence	GenBank



MEMBER SECRETARY/COORDINATOR

Dr. M. TAMILSELVI

Member Secretary / Co-ordinator

DBT - Star College Scheme

V.V. Vanniaperumal College for Women

Virudhunagar-626 001.

Tamilnadu, India.



PRINCIPAL/CHAIRMAN

Dr. S.M. MEENA RANI

Principal / Chairman

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