



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.,

Coordinator & Member Secretary : Dr.(Tmty.) M.TAMILSELVI, M.Sc.,M.Phil.,Ph.D.,

Contact number: 9498088703
e-mail:principal@vvvcollege.org

Contact Number:9894883106
e-mail:tamilasc.selvi08@gmail.com

REPORT OF THE ACTIVITIES

2022-2023

ACTIVITIES REPORT FOR THE YEAR 2021-2022

- ❖ **WORKSHOP/SEMINAR /CONFERENCE**
- ❖ **HANDS –ON TRAINING PROGRAMME**
- ❖ **GUEST LECTURE**
- ❖ **SIGNIFICANCE DAY CELEBRATIONS (COMPETITONS)**
- ❖ **OUTREACH ACTIVITY**
- ❖ **LAB ATTENDANT ACTIVITY**
- ❖ **SUMMER TRAINING FOR STUDENTS**
- ❖ **FACULTY DEVELOPMENT PROGRAMME**
- ❖ **INDUSTRIAL VISIT**
- ❖ **RESEARCH CENTRE VISIT**
- ❖ **STUDENT PROJECTS**

WORKSHOP/SEMINAR/CONFERENCE

| S.No | DEPARTMENT | NUMBER OF ACTIVITY |
|-------|-----------------------------------|--------------------|
| 1 | Physics | 2 |
| 2 | Chemistry | 5 |
| 3 | Zoology | 4 |
| 4 | Mathematics & Computer Science | 2 - |
| 5 | Botany & Biotechnology | - 2 |
| 6 | Biochemistry | 4 |
| TOTAL | | 19 |

SEMINAR/ WORKSHOP /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.gv/xo8ps |
| 08.10.2022 | Mathematics | SERIES OF PRACTICE SESSION ON KNACK TO CRACK JAM | | | |
| 15.10.2022 | | Sequences and Series of Real Numbers | Mr. L. David Rajkumar, Assistant Professor of Mathematics, The American College, Madurai. | 35 | https://rb.gv/4dvy5 |
| 29.10.2022 | | | Mr. G. Gnanaprakasam, Assistant Professor of Mathematics, Tamilnadu Polytechnic College, Madurai. | | |
| 11.11.2022 | | Functions of one Real Variable | | | |
| 14.10.2022 | Mathematics | NATIONAL LEVEL SEMINAR ON DISCRETE MATHEMATICS | | | |
| | | Graph Polynomials Discrete Mathematics | Dr.R.Kala, Professor, Department of Mathematics, Manonmaniam Sundaranar University, Tirunelveli – 627 012. | 127 (100 students & 27 faculty members) | https://rb.gv/zejrn |

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| | | 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 | 1. 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 | 2.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 |

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| 29.10.2022 | Chemistry | WORKSHOP ON “CHEMICAL TECHNIQUES IN CRIME INVESTIGATION” | | | |
| | | 1.Identifying Trace Evidences in Forensic Science | 1.Dr.S.Shailaja, Assistant Professor of Chemistry, The Standard Fireworks Rajaratnam College For Women, Sivakasi. | 80 III B.Sc., Chemistry | https://rb.gy/s5uop |
| | | 2.Forensic Toxicology | 2.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 | Workshop on 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 | | | |
| | | “Real –Time Applications of Smart Materials” | 1.Dr.Manickam Mahendran, Professor of Physics Materials Science Thiagarajar College of Engineering, Madurai, Tamil Nadu. | 172 | https://rb.gy/5z3eb |

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|-------------------------------|---------|--|--|---|---|
| | | pH Responsive Curcumin Delivery from Biocompatible ZnO/Polymer Core-Shell Nanocomposites for Excellent Anti-Gastric Cancer Therapy (From Kitchen to clinic). | 2.Dr.Jamespandi Annaraj, Assistant Professor, Department of Materials Science, School of Chemistry, Madurai Kamaraj University, Madurai. | | |
| | | Blue LEDs “Inventions and its Applications In Daily life | 3. Dr.Sunil Sing Kushvaha, Principal Scientist, CSIR- National Physical Laboratory, New Delhi. | | |
| 31.01.2023 & 01.02.2023 | Zoology | Workshop on Feed Preparation and Seasonal Management of Poultry Farming | T. Vasudevan, Assistant Executive Engineer (Rtd), AKA Farm, Madurai. | 40 III B.Sc., Zoology | https://rb.gv/hfn3i |
| 02.02.2023 | Physics | REGIONAL SEMINAR ON RECENT TRENDS IN NANOPHYSICS | | | |
| | | Organic Electronic Devices | 1. 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.gv/tueh1 |
| | | Understanding the World of Nanoscience | 2. Dr.P.Thangadurai, Associate Professor, Centre for Nano Sciences & Technology, Pondicherry University, Puducherry. | | |
| | | Transition Metal Oxide Thin Films: Preparation Techniques, Properties and Applications | 3. Dr.R.Sivakumar, Assistant Professor in Physics, Alagappa University, Karaikudi. | | |

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| 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/qi5xh |
| 09.02.2023 | Zoology | STATE LEVEL SEMINAR ON LIFE STYLE DISEASES | | | |
| | | Women’s Health | 1.Dr.R.Malarvizhi, BHMS (Homeopathy Physician) Hanumantha Clinic, Sivakasi. | 214 | https://rb.gy/r92zz |
| | | Fundamental and Novel Concepts of Polycystic ovary Syndrome | 2.Dr.V.Kumaravel, MD., DNB (Endo.),MNAMS, Director & Endocrinologist, Alpha Hospital & Research Centre/Alpha Health Foundation, Madurai. | | |
| | | Stress Management | 3.Dr.Jancy Rani, B.Sc., SMS., MD & Psychology Counsellor, Balaji Fertility Centre, Palani. | | |

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| 09.02.2023 | Biotechnology | Recent Trends in Microbial Biotechnology | <p>1.Dr.D.Dhanasekaran, Associate Professor/MBSI State President, Department of Microbiology, School of Life Sciences, Bharathidasan University, Tiruchirapalli.</p> <p>2.Dr.N.Sivakumar, Associate Professor of Molecular Microbiology, School of Biotechnology, Madurai Kamaraj University, Madurai.</p> <p>3. Dr.V.Shanmugaiah, Associate Professor/MBSI, University Coordinator, Department of Microbial Technology, School of Biological Sciences, Madurai Kamaraj University, Madurai.</p> | 162 | https://rb.gy/s8wdu |
| 14.02.2023 & 21.02.2023 | Biochemistry | Workshop on Clinical Laboratory Practices | Mr.J.Sukkulu M.Sc., Proprietor, Jana Clinical Laboratory & X Rays, Virudhunagar. | 41 | https://rb.gy/2ai8f |
| 06.03.2023 | Biotechnology | Workshop on 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 | Dr.Sudhakar Sivasubramanian, Professor, Department of Biotechnology, Manonmaniam Sundharanar University, Tirunelveli. | 189 | https://rb.gy/r6zhv |

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| | | | Dr.D.Victor Arokia Doss, Associate Professor, Department of Biochemistry, P.S.G College of Arts and Science College, Coimbatore. | | |
| 23.03.2023 | Biochemistry | Workshop on SDS - PAGE | Dr.Ananthi Sivagnanam, Director, Clinbiocare Technology, Coimbatore. | 45 | https://rb.gy/gnszo |
| 27.03.2023 | Biochemistry | Workshop on 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 ACTIVITY

| S.No | DEPARTMENT | NUMBER OF ACTIVITY |
|-------|-----------------------------------|--------------------|
| 1 | Physics | 2 |
| 2 | Chemistry | 3 |
| 3 | Zoology | 3 |
| 4 | Mathematics & Computer Science | 4 7 |
| 5 | Botany & Biotechnology | 3 3 |
| 6 | Biochemistry | 4 |
| TOTAL | | 29 |

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.gv/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.gv/cz5vu |
| 19.10.2022 | Chemistry | Fabulous Fibres | Mrs.A.Abinaya, B.B.A., Trainer in Fabric Designing, Sivakasi. | 120 | https://rb.gv/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.gv/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.gv/n3jfa |

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| 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://rb.gy/ey9waq |
| 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://rb.gy/ia1mj5 |

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| 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://rb.gy/yr6gwk |
| 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://rb.gy/55uump |
| 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://rb.gy/9onwym |
| 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://rb.gy/gqmyzh |
| 09.02.2023 | Mathematics | HANDS ON TRAINING PROGRAMME ON R PROGRAMMING | | | |
| | | Descriptive Statistics and Univariate Statistics using R-Software Probability Distributions and Testing of Hypothesis | Dr.P.Victor, & Dr. M.Sundar, Assistant Professor(s) of Mathematics, Thiagarajar College of Engineering, Madurai. | 68 | https://rb.gy/wo0hp5 |

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| 10.02.2023 | Computer Science | Internet of Things (IoT) | Dr.L.Murugesan, Lecturer, Electronics and Communication Engineering, Arasan Ganesan Polytechnic College, Sivakasi. | 55 | https://rb.gy/w68y1l |
| 15.02.2023 | Zoology | Honey Extraction and Seasonal Management of Apiary | Mr.C.Jeyakumar, Shamee Bee Farm, Rajapalayam. | 40 III B.Sc., Zoology | https://rb.gy/16pt7d |
| 15.02.2023 & 16.02.2023 | Computer Science | Embedded Systems | Mr.Subash Selvasundaram, M.Sc., Founder CEO, Grandiose Academy Pvt., Ltd., Coimbatore. | 31 | https://rb.gy/k4g0ni |
| 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://rb.gy/ad1q8e |
| | | 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://rb.gy/0bfg8g |

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|-------------------------------|------------------|---|--|-----------------------------------|---|
| 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://rb.gy/3u4tpd |
| 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://rb.gy/tdnrhg |
| 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://rb.gy/4o5g40 |
| 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://rb.gy/cgztmw |
| 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://rb.gy/nc11qi |

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|------------|---------------|--|--|---|---|
| 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://rb.gy/m5bykd |
| 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://rb.gy/75ko5w |
| 28.03.2023 | Biochemistry | Clinical Diagnostics | Mr.M.Mohammad Basheer, & Mr.R.Dinesh, Lab Manager(s), Bose Clinical Laboratory & X rays, Madurai. | 33 | https://rb.gy/gcnva5 |

GUEST LECTURE

| S.No | DEPARTMENT | NUMBER OF ACTIVITY |
|------|-----------------------------------|--------------------|
| 1 | Physics | 11 |
| 2 | Chemistry | 8 |
| 3 | Zoology | 3 |
| 4 | Mathematics & Computer Science | 1 |
| 5 | Botany & Biotechnology | 4 2 |
| 6 | Biochemistry | 5 |
| | TOTAL | 34 |

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://rb.gy/1pyovk |
| 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://rb.gy/bi5tj9 |
| 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://rb.gy/6a4vm1 |
| 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://rb.gy/f91eae |
| 06.10.2022 | Chemistry | Biocatalytic and Nanobiocatalytic Organic Transformations | Dr.S.Stella, Assistant Professor, Department of Chemistry, Sarah Tucker College, Tirunelveli. | 43 (Chemistry) | https://rb.gy/959087 |

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| 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://rb.gy/1iqa8j |
| 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://rb.gy/rmw9ek |
| 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://rb.gy/hkp0rd |
| 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://rb.gy/0o02j5 |
| 14.10.2022 | Computer Science | Cloud Computing Security | Dr. V.Isakkirajan,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://rb.gy/3pde1y |

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| 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://rb.gy/jasb90 |
| 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://rb.gy/aox4q6 |
| 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://rb.gy/c1erxd |
| 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://rb.gy/do47mf |
| | | 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. | | |

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| 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://rb.gy/47e5d0 |
| 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://rb.gy/97eyyi |
| 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://rb.gy/s76x1f |
| 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://rb.gy/bcezaq |
| 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://rb.gy/s76x1f |

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| 15.11.2022 | Biochemistry | Entrepreneurial Skills in Clinical Laboratory Practices | Thiru.A.Janardhanan,DMLT,CMAI, Proprietor, Jana Clinical Laboratory and X-ray West Car Street, Virudhunagar-626001. | 50 | https://rb.gv/6rcvn5 |
| | | | Thiru. J.Sukkulu, M.Sc., DMLT, Proprietor, Jana Clinical Laboratory and X-ray West Car Street, Virudhunagar-626001. | | |
| 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://rb.gv/qw716q |
| 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://rb.gv/oqzbxu |
| 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://rb.gv/1glm0x |
| 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://rb.gv/rg1bus |

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| 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://rb.gy/qiakm9 |
| 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://rb.gy/337dq4 |
| 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://rb.gy/qw716q |
| 22.02.2023 | Chemistry | Problem Solving Approach: Organic Spectroscopy | Dr.M.Murugalakshmi, Assistant Professor, The Standard Fireworks Rajaratnam College for Women, Sivakasi. | 43 | https://rb.gy/q683qf |
| 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://rb.gy/f6csnf |
| 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, Thiruvedakam West, Madurai. | 43 | https://rb.gy/7llbaf |

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|------------|--------------|--|--|----|---|
| 23.03.2023 | Biochemistry | Applications of Nanoparticular | Dr.S.Karutha Pandian, Assistant Professor, PG & Research, Department of Chemistry, VHNSN college, Virudhunagar. | 33 | https://rb.gy/wueu6q |
| 25.03.2023 | Biochemistry | Opportunities for Life Science Students | Dr. M. Kannan, Assistant Professor of Zoology, VHNSN College for women, Virudhunagar. | 33 | https://rb.gy/dlma83 |
| 25.03.2023 | Biochemistry | Immunodiffusion, PCR Technique & Career Guidance | Mr.Sunil Laxman, Product Development Executive, Medox Biotech India Pvt Ltd., Chennai. | 33 | https://rb.gy/sb30dh |
| 27.03.2023 | Biochemistry | Cardiac Hypertrophy | Dr.Sankar Natesan, Chairperson, School of Biotechnology, Professor, Department of Biochemistry, Madurai Kamaraj University, Madurai. | 33 | https://rb.gy/4y3jdb |

SIGNIFICANCE DAY CELEBRATION

| S.No. | DEPARTMENT | NUMBER OF ACTIVITY/ COMPETITION |
|-------|-----------------------------------|---------------------------------------|
| 1 | Physics | 13 |
| 2 | Chemistry | 9 |
| 3 | Zoology | 6 |
| 4 | Mathematics & Computer Science | 16 - |
| 5 | Botany & Biotechnology | 3 5 |
| 6 | Biochemistry | 4 |
| TOTAL | | 56 |

SIGNIFICANCE DAY CELEBRATION (COMPETITION)

| 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://rb.gy/p118x3 |
| | | 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 | | | |
| | | Interdepartmental Drawing competition | Human Responsibilities in reduction of Natural Disaster | 44 | https://rb.gy/xoi4hl |
| | | Interdepartmental Slogan writing competition | Human Responsibilities in reduction of Natural Disaster | 23 | |
| | | Guest Lecture | Mr. G. Ramesh Kumar, M.Sc., M.Phil., Assistant Professor of Zoology, V.H.N.S.N. College, Virudhunagar. | 53 | |
| | | Rally | | 68 | |
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|--|-----------|--|---|---|---|
| 16 .10.2022 to 22 .10.2022 (7 Days) | Chemistry | NATIONAL CHEMISTRY WEEK CELEBRATION | | | |
| | | National Chemistry Week Celebration | | 50 | https://rb.gy/74i4ou |
| | | 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. Thamarai Chelvi, Assistant Professor, Department of Chemistry, The Standard Fireworks Rajaratnam College for Women, Sivakasi. | 43 | |
| 01.11.2022 | Physics | Poster Competition | Space and Sustainability | 8 | https://rb.gy/zmpupz |
| 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://rb.gy/gbyuon | |
| | | Category II- IX Standard & X Standard | | | |
| | | <ul style="list-style-type: none">• Pencil Drawing: 3D• Geometrical Rangoli• Puzzle Solving | Guest Lecture on 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 | Applications of Mathematics In Everyday Life | | 30 |
| | | <ul style="list-style-type: none">• Video Creation | Any Mathematical Concept | | |
| | | Competitions For Mathematics Students | | | |
| | | Match Stick Art Wall Hanging | | | 65 |
| | | Cross word Puzzle | | | |
| | | Mathematical Model Display | | | |

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|-------------------------------|---------------|--|--|--|---|
| 30.12.2022 & 04.01.2023 | Biotechnology | NATIONAL POLLUTION CONTROL DAY (Interdisciplinary Competitions on Environmental Protection) | | | |
| | | Poster making - Protect Our Earth | | 21 | https://rb.gy/tfayv2 |
| | | 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://rb.gy/h8yoho |
| 18.01.2023 | | 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 | |

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|------------|---------|--|--|----------------------------------|---|
| 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://rb.gy/iy7a99 |
| 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://rb.gy/h9hwsg |
| | | 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 ACTIVITY

| S.No | DEPARTMENT | NUMBER OF ACTIVITY |
|-------|-----------------------------------|--------------------|
| 1 | Physics | 4 |
| 2 | Chemistry | 8 |
| 3 | Zoology | 4 |
| 4 | Mathematics & Computer Science | 1 1 |
| 5 | Botany & Biotechnology | 6 1 |
| 6 | Biochemistry | - |
| TOTAL | | 24 |

OUTREACH 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://rb.gy/kalj5p |
| | | 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://rb.gy/9bcp1c |
| 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://rb.gy/rex2ta |
| 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://rb.gy/irh951 |

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|------------|--------------------------|--|---|--|---|
| 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://rb.gy/87sq8d |
| 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://rb.gy/yk0nor |
| 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. | 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://rb.gy/nbjksn |
| | | | Dr.M.Amutha, Assistant Professor of Chemistry, V.V.Vanniaperumal College for Women, Virudhunagar. | | |
| 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://rb.gy/tgrdrk |

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|------------|-----------|---|--|---|---|
| 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://rb.gv/rnvx74 |
| 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://rb.gv/qzu0h1 |
| 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://rb.gv/g8taog |
| 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://rb.gv/zur3ju |

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|------------|-----------|-----------------------------------|--|--|---|
| 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://rb.gy/d193x9 |
| 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://rb.gy/0a3isi |
| 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://rb.gy/8ebh5i |
| 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://rb.gy/fegdod |
| | | | | II Batch - 42 Students (12 th Std, Bio-Computer Science) 12 th Std. Students Govt.Hr.Sec. School, Chathirareddiapatti, Virudhunagar. | |

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| 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://rb.gy/wdq6hs |
| 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, Virudhunagar Dt. | https://rb.gy/rz4kl2 |
| 18.01.2023 | Biotechnology | Career guidance in Schools | Mrs.Sinthia Ganeshan, Assistant Professor of Biotechnology, V.V.Vanniaperumal College for Women, Virudhunagar. | 120 X and XII Std students of S.R.N. Government Girls Higher Secondary School, Thiruthangal Virudhunagar Dt. | https://rb.gy/2k9n9a |
| 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://rb.gy/97c8r0 |
| 28.01.2023 | Chemistry | Preparation of Bath Soap at Paavaali | Dr.J.Kavitha, Assistant Professor of Chemistry, V.V.Vanniaperumal College for Women, Virudhunagar. | 106 | https://rb.gy/gv03vg |

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|------------|-------------|---|---|----|---|
| 28.01.2023 | Chemistry | Preparation of Shampoo at Vadamalaikurichi | Dr.M.Vairalakshmi, Assistant Professor of Chemistry, V.V.Vanniaperumal College for Women, Virudhunagar. | 86 | https://rb.gy/zj8f2q |
| 28.01.2023 | Chemistry | Preparation of Handwash at Paapakudi | Dr.M.Subhalakshmi, Assistant Professor of Chemistry, V.V.Vanniaperumal College for Women, Virudhunagar. | 85 | https://rb.gy/m6c1ws |
| 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://rb.gy/1ni4ud |

LAB ATTENDANT ACTIVITY

| S.No | DEPARTMENT | NUMBER OF ACTIVITY |
|-------|-----------------------------------|--------------------|
| 1 | Physics | 2 |
| 2 | Chemistry | 1 |
| 3 | Zoology | 1 |
| 4 | Mathematics & Computer Science | 1 |
| 5 | Botany & Biotechnology | 1 |
| 6 | Biochemistry | 1 |
| TOTAL | | 8 |

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://rb.gy/svr6t0 |
| 24.11.2022 | Botany | Solid Waste Management | Dr.B.Karunai Selvi, Assistant Professor of Botany, V.V.Vanniaperumal College for Women, Virudhunagar. | 28 | https://rb.gy/ko222i |
| 24.11.2022 | Biotechnology | Liquid Waste Management | Mrs.Sinthia Ganeshan, Assistant Professor of Biotechnology, V.V.Vanniaperumal College for Women, Virudhunagar. | 20 | https://rb.gy/fobrvm |
| 25.11.2022 | Biochemistry | Biomedical Waste Management | Dr. R. Renuka, Associate Professor of Biochemistry, V.V.Vanniaperumal College for Women, Virudhunagar. | 22 | https://rb.gy/yxhukp |
| 25.11.2022 | Zoology | Waste Recycling Methods | Dr. P. Vijaya, Assistant Professor of Zoology, V.V.Vanniaperumal College for Women, Virudhunaga. | 21 | https://rb.gy/mkbnbo |

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|------------|------------------|-----------------------------------|--|----|---|
| 28.11.2022 | Physics | Radioactive Waste Management | Faculty Members, Department of Physics, V.V.Vanniaperumal College for Women, Virudhunagar. | 28 | https://rb.gy/8nk8uw |
| 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://rb.gy/axdnf6 |
| 29.11.2022 | Chemistry | Management of Hazardous Chemicals | Dr.J.Kavitha, Assistant Professor of Chemistry, V.V.Vanniaperumal College for Women, Virudhunagar. | 23 | https://rb.gy/8ez71x |

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://rb.gy/i2gvlt |
| 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://rb.gy/j1gslh |

FACULTY DEVELOPMENT PROGRAMME

| S.No | DEPARTMENT | NUMBER OF ACTIVITY |
|------|------------------|--------------------|
| 1 | Physics | 2 |
| 2 | Chemistry | - |
| 3 | Zoology | 1 |
| 4 | Mathematics & | 1 |
| | Computer Science | 2 |
| 5 | Botany & | 2 |
| | Biotechnology | 1 |
| 6 | Biochemistry | 1 |
| | TOTAL | 10 |

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://rb.gy/3ymn9z |
| 11.11.2022 | Botany | Intercollegiate Workshop on “Herbal Products Preparation” | Thiru.M.Velmurugan, Siddha Vaithiyar, Kosaye Siddha Vaidya salai, Sivakasi. | 21 | https://rb.gy/zzqomb |
| 18.11.2022 | Zoology | Inter Departmental Workshop on “Patent Searching and Filing Procedure” | Dr. Gomati Padma Thilaga Sivanantham, Scientist-B, Patent Information Centre, Tamil Nadu Council for Science and Technology, Chennai. | 106 | https://rb.gy/0qs5cm |
| 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. | 7 | https://rb.gy/e6gj0x |

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|---|---------------------|--|---|----|---|
| | | | 2.Dr.B.Mufeed, Research Associate, DST – SERB CRG Project, Bryology Division, University of Calicut, Malappuram District, Kerala. | | |
| 18.11.2022, 21.11.2022 & 22.11.2022 | Computer Science | React JS | Mr. T. Muthuvijayaraja, Chief Technology Officer, DCE Technology, Virudhunagar. | 31 | https://rb.gy/js64ol |
| 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://rb.gy/b2g2s7 |
| 05.12.2022 | Biotechnology | Workshop on “Molecular Docking tools” | Dr.A.Mahalakshmi, Assistant Professor of Zoology, Lady Doak College, Madurai. | 30 | https://rb.gy/pi0uec |
| 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://rb.gy/qre7fv |

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|-------------------------------|-------------|---|--|-----------|---|
| 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://rb.gy/6vbsco |
| | | 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://rb.gy/eb8aak |

INDUSTRIAL VISIT

| S.No | DEPARTMENT | NUMBER OF ACTIVITY |
|-------|-----------------------------------|--------------------|
| 1 | Physics | 1 |
| 2 | Chemistry | 1 |
| 3 | Zoology | 1 |
| 4 | Mathematics & Computer Science | - - |
| 5 | Botany & Biotechnology | 1 1 |
| 6 | Biochemistry | 1 |
| TOTAL | | 6 |

INDUSTRIAL VIST

| 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://rb.gy/7a45ov |
| 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 | https://rb.gy/7h4b12 |

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|------------|--------------|------------------------------------|--------------------------------------|---|---|
| | | | | sales, effluent treatment and vermicomposting of wastes. | |
| 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://rb.gy/01cshe |
| 12.11.2022 | Biochemistry | Jana Laboratory & X-Rays | 31 | The Visit to Jana Clinical Laboratory & X Rays, Virudhunagar on 12.11.2022 created an awareness 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 | https://rb.gy/mmxlbe |

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|------------|---------|---|-------------------------------------|---|---|
| | | | | operate the sensitive instruments and also they 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://rb.gy/ubmdbr |
| 21.02.2023 | Zoology | Alpha hospital, (Laboratory visit) Madurai. | 40 III UG Zoology | Students learnt biochemical analytical methods and hormonal analysis. | https://rb.gy/e4z72h |

RESEARCH CENTRE VISIT

| S.No | DEPARTMENT | NUMBER OF ACTIVITY |
|-------|---------------------------|--------------------|
| 1 | Physics | 1 |
| 2 | Chemistry | 1 |
| 3 | Zoology | 1 |
| 4 | Botany & Biotechnology | 1 |
| TOTAL | | 5 |

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://rb.gy/o2jyih |
| 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://rb.gy/hzpmlly |
| 31.01.2023 | Chemistry | National Institute of Technology, Trichy. | 40 | Enable to learn the Research activities and handling of equipment for their Projects | https://rb.gy/wc671u |
| 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://rb.gy/xl75uo |

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|------------|--------------|--|----|---|---|
| 24.02.2023 | Biochemistry | Madurai Kamaraj University, Research Centre. | 33 | The Research Centre visit to School of Biological Sciences, Madurai Kamaraj University 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. | https://rb.gy/hhunk3 |
|------------|--------------|--|----|---|---|

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 (Ficus Citrifolia) Derived Carbon in Adsorption Removal of crystal violet and Methyl orange Dye Banyan leaf (Derived Carbon), Navanila Maruthi Publication, 49-62 | 9788195187126 |
| 3. | Chemistry | Anitha A and Ramila Devi N (2023). Biochar - Productive Technologies, Properties and Applications in Prospects of Biochar as a Renewable 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, Kripa Drishti Publications, 25-36 | 978-93-94570-52-8 |
| 5. | Biochemistry | Salini R (2022). Trends in Environmental Biology in Environmental Factors Causing cancer, Kripa Drishti Publications, 37-42. | 978-93-94570-52-8 |
| 6. | Biochemistry | Gloria Jemmi Christobel R and Renuka R (2022). Interdisciplinary approach 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). Interdisciplinary approach 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, Chemistry Select, 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, The European Physical Journal Plus, 2190-5444 |
| 3 | Mathematics | Maheswari MC (2022). Modified HIV-1 Infection Model With Delay in Saturated CTL Immune Response, Communications in Mathematical Biology and Neuroscience, 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</i> VI (2) : 57-64 |
| 6. | Chemistry | Vairalakshmi M (2023). Evaluation of the Cytotoxic and Antioxidant Activities of Isonized derived Copper and Cobalt Complexes, Mukta Shabd Journal, 2347-3150 |
| 7. | Biochemistry | Gloria Jemmi Christobel R and Sudha Rameshwari K (2022). Antibacterial and Antioxidant Effect of Citrus Limon- <i>Vitisvinifera</i> Leaf Combinations, Res.Jr.of Aril.Sci, 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, Mukta Shabd Journal, 2347-3150 |
| 9. | Botany | Murugalakshmi Kumari R (2022). Chemical Profiling and Biological Activity of leaf Essential Oil of <i>Eugenia rottleriana</i> Wt. & Arn., Arabian Journal of Medicinal & Aromatic Plants, 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, The Patent Office Journal - Intellectual Property India, 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
DBT - Star College Scheme
V.V. Vanniaperumal College for Women
Virudhunagar-626 001.
Tamilnadu, India.