

**VELLALAR COLLEGE FOR WOMEN (AUTONOMOUS), ERODE**

**PG and Research Department of Botany**

**DBT STAR ACTIVITIES 2017 –2018**

| <b>S. No.</b>  | <b>Date</b> | <b>Programme Details</b>   | <b>Beneficiaries</b>  |
|--|-------------|--|---|
| <b>I. Visiting faculty</b>                                     |             |  |   |
| <b>1</b>   | 31.01.2018  | Dr. N. Senthil Kumar, Professor,<br>Department of Biotechnology, Mizoram<br>University, Mizoram<br><b>Topic: “Understand the Barcode of<br/>life”</b>              | 92 students & 11 Faculty<br>members   |
| <b>2</b>   | 05.03.2018  | Dr. N. Narayanan, Professor & Director<br>Research, Jaya College of Pharmacy,<br>Thiruninravur, Chennai<br><b>Topic: “Herboceuticals -The Global<br/>Scenario”</b> | 89 students & 11 Faculty<br>members   |
| <b>II. Workshop</b>  |             |  |   |
| <b>1</b>   | 04.01.2018  | Mr. P. Kodeeswaran, Proprietor of SPY<br>Estates<br><b>Topic: “Spirulina - Super Food for<br/>Future”</b>  | 95 students & 11 Faculty<br>members   |
| <b>2</b>   | 04.01.2018  | Manonmaniam Vermifarm, Tamilnadu<br>Organic Farmers Federation, Thalavu<br>malai, Arachalur, Erode<br><b>Topic: “Vermitechnology”</b>                              | 62 students & 3 Faculty<br>members  |
| <b>3</b>   | 22.03.2018  | Dr. S.Karuppusamy,<br>Associate Professor, Department of<br>Botany, The Madura College, Madurai<br><b>Topic: “Digital Taxonomy and DNA<br/>Barcoding”</b>          | 92 students & Botany<br>Faculty members   |
| <b>III. Workshop (Entrepreneurial Developmental Programme)</b> |             |  |   |
| <b>1</b>   | 10.01.2018  | <b>Topic: “Entrepreneurial Skills in<br/>Plant Sciences”</b>   | 77 Students (Nutrition and<br>Dietetics and Zoology)  |
| <b>2</b>   | 25.01.2018  | Mrs. Sasikala, Horticultural officer,<br>Department of Horticultural and<br>Plantation Crop, Erode<br><b>Topic: “Organic Terrace Gardening”</b>                    | 90 Students 15 faculty<br>members (Botany, English,<br>Commerce, Economics &<br>Computer Science) |

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|-----------------------------|-------------------------|---|---|
| 3                           | 21.02.2018              | Dr. K. S. Karthy, Director, AWE CARE – Analytical Lab.<br><b>Topic: “Biofertilizer production &amp; Application”</b>                                  | I, II & III B.Sc Botany students & Botany Faculty members |
| 4                           | 06.03.2018              | Dr. S. Senthilkumar, Head, Department of Botany, Vivekananda College of Arts and Science for Women<br><b>Topic: “Mushroom Cultivation Techniques”</b> | 88 Students & 11 Faculty members                          |
| 5                           | 14.03.2018              | Thennarasu Proprietrum Certified Organic Farm, Pollachi.<br><b>Topic: “Organic Farming”</b>   | 44 students and 11 Faculty members                        |
| <b>IV. Industrial Visit</b> |                         |   |   |
| 1                           | 03.01.2018              | M/s. Shakthi Knitting P.Ltd. SIPCOT, Perundurai (SIPCOT)  | 40 students & 2 Faculty members                           |
| 2                           | 03.01.2018              | Perundurai Common Effluent Treatment Plant – PCETP, SIPCOT, Perundurai.   | 40 students & 2 Faculty members                           |
| 3                           | 17.02.2018              | Dairy products–Britannia Pvt., Ltd. (SIPCOT)  | 60 students & 3 Faculty members                           |
| <b>V. Lab visit</b>         |                         |   |   |
| 1                           | 03.01.2018              | UPASI-Tea Research Institute –Valpari   | 47 students & 2 Faculty members                           |
| 2                           | 23.03.2018              | JSS College of Pharmacy   | 37 students & 2 Faculty members                           |
| <b>VI. Field Trip</b>       |                         |   |   |
| 1                           | 04.01.2018              | Trekking Programme at Valpari   | 40 & 2 Faculty members                                    |
| 2                           | 26.01.2018 - 27.01.2018 | Algal biodiversity at Tuticorin   | 82 students & 7 Faculty members                           |
| 3                           | 24.03.2018              | Homeopathy- Medicinal Gardens, Ooty   | 35 students & 2 Faculty members                           |
| 4                           | 24.03.2018              | Pomology Gardern, Ooty  | 37 students & 2 Faculty members                           |

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| <b>VII.Outreach Activity</b>            |            |  |                                   |
| <b>1</b>                                | 03-02-2018 | Out-reach activities for the Tribal community of Kolli hills   | 92 students & 3 Faculty members   |
| <b>VIII.Hands on Training Programme</b> |            |  |                                   |
| <b>1</b>                                | 27.12.2017 | Department of Biotechnology, Kongu Nadu Arts & Science College, Coimbatore.<br><b>Topic: “Homology Modelling and Molecular Docking”</b> sponsored by Indian Science Congress Association, Kolkata  | 5 Scholars & 2 Faculty members    |
| <b>IX.National Seminar</b>              |            |  |                                   |
| <b>1</b>                                | 01.03.2018 | <p>Title : <b>“In Silico Biology: A Techno Progressive Strategy”</b></p> <p>1.Dr. D. Velmurugan<br/>UGC- BSR- Faculty (Former Head)<br/>CAS in Crystallography &amp; Biophysics<br/>University of Madras<br/>Guindy Campus, Chennai<br/><b>Topic : “Role of Computer Science in Crystallography &amp; Drug Design from Herbs”</b></p> <p>2.Dr. M. Manickavasagam<br/>Assistant Professor, Department of Biotechnology &amp; Genetic Engineering, Bharathidhsan University, Tiruchirappali<br/><b>Topic: “Plant Genetic Engineering”</b></p> <p>3.Dr. R. Rajendran<br/>Former Principal &amp; Associate Professor, Department of Microbiology, PSG College of Arts and Science, Coimbatore<br/><b>Topic: “Perspectives of Metagenomics”</b></p> | 102 students & 11 Faculty members |

| <b>X. Science Day Celebrations</b> |            |  |   |
|------------------------------------|------------|--|---|
| <b>1</b>                           | 28.02.2018 | <p>1.Haresh M. Pandya<br/>Associate Professor and Head,<br/>Department of Physics,<br/>Chikkanna Government Arts College,<br/>Tiruppur.<br/><b>Topic: “Scientific Ideas that have shaped the World”</b></p> <p>2.Dr. N. Ponpandian<br/>Professor &amp; Head<br/>Department of Nano Science and Technology<br/>Bharathiar University<br/>Coimbatore<br/><b>Topic: “Basics of Nanoscience and its Applications”</b></p> <p>3.Dr. M. G. Sethuraman<br/>Professor<br/>Department of Chemistry<br/>Gandhigram Deemed University<br/>Dindigul<br/><b>Topic: “Science for Tomorrow”</b></p> | I, II & III B.Sc Botany students & Botany Faculty members |
| <b>XI.FDP</b>                      |            |  |   |
| <b>1</b>                           | 22.02.2018 | <p>Mr. M. Karthikeyan,<br/>Service Engineer, Precision Scientific Company, Coimbatore<br/><b>Topic: “Instrumentation Techniques”</b></p>   | 5 Ph.D and 2 M.Phil Scholars & 11 Faculty members         |
| <b>2</b>                           | 27.12.2017 | <p>Hands on training on<br/><b>Topic: “Homology Modelling and Molecular Docking”</b></p>   | 2 Faculty members   |
| <b>XII. Students Project</b>       |            |  |   |
| <b>1</b>                           |            | <b>11</b> - Projects   |   |