

NIRMALA COLLEGE FOR WOMEN
DEPARTMENT OF BOTANY
ACTIVITIES: June 2020 – May 2021

International Seminar:

1. An International Seminar was organized by dept. of Botany on the Theme “Save Our Earth” on 26th June 2021. Three speakers were invited as resource persons from various fields of Life science. Dr. M. Maghima, Principal Investigator, Science and Technology Project TNSCST (DST-Grant), Assistant Professor of Microbiology, Muthayammal College of Arts and Science, Rasipuram, Namakkal, Tamil Nadu, delivered a lecture on the topic “Shelter the Environment Shield the Earth” and Dr. Sabariswaran Kandasamy, Postdoctoral Researcher School of Energy and Power Engineering, Institute for Energy Research, Jiangsu University, Zhenjiang, Jiangsu Province, P.R.China, presented on the topic “Biofuels : Can save the Earth?”. Finally, Dr. M. Bupesh Gupta, Founder, Director Universal Eco Foundation, Pondicherry, delivered a lecture on the topic “Save Nature Otherwise No Future”. About 93 participants from various institutions were benefited, from the seminar.

Online competitions:

1. Online quiz on "Botany in Daily Life" was organized on 22nd May 2020 and 433 students Participated.
2. Poster Competition was organized for students on the topic "Connecting People with Nature" Based on World Environment Day Celebration on 05th June 2020.
3. Pencil Sketch competition was organized on the topic "Save fuel for better Environment" based on the Youth Awakening Day Celebration on 12th October 2020 and 42 students participated.
4. A Photography competition was organized on the Theme “Save Our Earth” from 21.05.2021 to 23.05.2021. Our students actively participated in the competition around 24 entries were received and the best three among that was selected. Certificates were issued to all the participants.
5. A pencil sketching competition was organised on the Theme “Life on Earth” from 17.05.2021 to 20.05.2021. Around 36 students participated and submitted their drawing through virtual mode.
6. Mehandhi Art Competition was organized based on the theme “Awareness on single use of plastics” from 18.06.2021 to 20.06.2021.

Faculty Development Programmes:

1. Two Day National FDP was organized on “Challenges and Opportunities in Research” on 23rd May 2020 & 24th May 2020. On 23rd May 2020, Dr. S. Paulsamy, Dean, R& D, Kongunadu Arts and Science college, Coimbatore, served as a resource person on the topic "Innovations for sustainable development". On 24th May 2020, Dr. T. Gubendran, Scientist - C, High Altitude Regional Centre, Zoological Survey of India, Himachal Pradesh, addressed on the topic "Writing a research proposal and funding opportunities in India".

2. Three days Faculty Development Program" was organized on the theme "Life Science for Enhancing Human Life" from 28th May 2020 to 31st May.2020. On 28.05.2020, Dr. K. Lingakumar, Head and Associate Professor in Botany (Rtd.) Ayya Nadar Janaki Ammal College, Sivakasi served as a resource person and addressed on the topic "Signal transduction in plants". On 29.05.2020, Mr. Joseph Clement, Head and Associate Professor in Botany (Rtd). Government Arts College, Coimbatore served as a resource person. He explained on the topic was "Understanding Summer Survivors from Desert Adaptors". Dr. Vinay Kumar, Associate Professor in Biotechnology, Modern College, Ganeshkhind, Pune, delivered a lecture on the topic "Research Quality, Ethics and Publications" on 30.05.2020. A lecture was given by Dr. Blassan George, Researcher, Laser Research Centre Faculty of Health Science, University of Johannesburg, South Africa, addressed on the topic "Photodynamic Therapy of Cancer" on 31.05.2020,. The total number of participants were 128.

Webinars Organized:

1. A Webinar was organized on 10th June 2020 and Dr. N. K. Parthipan, B.A.M.S., M.D., (Ayurveda), Reiki (B), Ashtanga Yoga, Marutham Integrated Health Clinic, Coimbatore served as a resource person and addressed on the topic "Ayurveda for Women's Health" .

2. An Orientation Programme was organized on the topic "Human Excellence - Eco-friendly and Eco-spiritual" on 12th September 2020. Bro. Jerald Mangalam FSC, Director, De LaSalle Brothers, St. Miguel Arul Thentral, Nagamalai, Madurai was the resource person and the total number of participants were 91.

3. A Webinar on "Patriotism in Today's Scenario" was organized based on Independence Day Celebration on 15th September 2020 and Rev. Fr. Arulappan, Varanasi, Uttar Pradesh addressed the students.

4. A Webinar on "Kalams dream of Today's Youth" was organized based on the Youth Awakening Day Celebration on 12th October 2020. Dr. M. Vivek Prabu, Assistant Professor in Mathematics, Kongunadu Arts and Science College, Coimbatore served as a resource person.

DBT Funded Programmes:

1. A Guest Lecture on “Dark reaction and Photo respiration in Plants” was organized under DBT Star College Scheme on 27th January 2021. Dr. K. Kumari Sunita, Assistant Professor in Botany, DDU Gorakhpur University, Gorakhpur served as resource person and 76 students participated.
7. A Guest Lecture was organized under DBT Star College Scheme on 15th February 2021 for II B.Sc students. Dr. Sivashankari, Assistant Professor & Head, Department of Biotechnology, Nirmala College for Women, Coimbatore served as resource person on the topic “Recent techniques in Bioinformatics”
8. An International webinar on “Recent and Emerging Trends in Biotechnology” was organized by the under DBT Star College Scheme on 27th February 2021. Dr. Selva Kumar, Senior Technical Scientist, BMR Industries Pvt. Ltd, Nellore, Andra Pradesh and Dr.Rathinam Raj Auxilliary investigator, MED – Mediterranean Institute for Agriculture, Environment and Development, Faculty of Science and Technology University of Algarve, Campus de Gambelas, Portugal served as a resource person and the total number of participants were 92.
9. On 10th March 2021, a Webinar was organized under DBT Star college scheme for UG, PG students & Research scholars on the topic “Recent trends in Algal Biotechnology”. Dr. Maya Subramani, Chief Scientist, Centre for Algal Biotechnology, Peace people Planet Organization, Trivandrum, Kerala, presided over the webinar.
10. A Webinar was organized under DBT Star college scheme for UG & PG students on 12th March 2021. Prof. Dr. E.Manikandan, Associate Professor & Head, Department of Physics, Thiruvallur University, addressed on the topic “Bioanalytical tools for Nano-Biomedical Application”

DBT Advisory committee meeting:

11. DBT Advisory committee meeting held virtually on 17th February 2021, Dr. Vinay Kumar, Associate Professor in Biotechnology, Modern College, Ganeshkhind, Served as Mentor for Botany Department.

Competitions exclusively on College theme:

2. 1. A Poem Writing Competition was organized for UG & PG students on the Theme “Human Excellence is Our Life Breath “on 23.02.2021 to 26.02.2021 and the total number of participants were 10.
3. 2. A Write up competition was organized for UG & PG students on the Theme “Human Excellence is Our Life Breath” on 2th February 2021 and 25 students participated.
4. 3. A Painting Competition was organized for UG & PG students on the Theme “Human Excellence is Our Life Breath “on 05.03.2021 to 10.03.2021 and the total number of participants were 15.

Alumni Meet 2021:

An OSA Reunion 2021 was organized by the Department on 16th April 2021, Dr. Mrs. G. Parvatham, Associate Professor & Head (Retd.), Dept. of Botany, Nirmala College for Women, Coimbatore and Dr. Miss. R. Mary Josephine, Associate Professor & Head, Dept. of Botany and Dean of Academics (Retd.), Nirmala College for Women, Coimbatore addressed the members.

Extension activity:

- Faculty and students visited the Palamalai village on 5th September 2020 and trained the people on Mushroom cultivation and its benefits and to become women entrepreneurs with less investment.

Best practices:

- Propagation of medicinal plants and Mushroom cultivation was undergone by the faculty and students in the Medicinal Garden, College campus from 20th October 2020 to 28th October 2020.

Startup programme:

- An Awareness program was conducted about Startup an related Ecosystem – Bio-entepnership on 9th June 2021 organized by the Dept of Botany through virtual G-Suite.Mr. Vincent, Environmentist, delivered a lecture on Business opporunities for Life Science and Value added products from plants.