**Singareni Collieries Women’s Degree College, Kothagudem**

**BIOTECHNOLOGY DEPARTMENTAL ACTIVITIES**

**2021-2022**

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| DATE | NAME OF THE ACTIVITY | PHOTO |
| 21-06-2021 | Participated in International Yoga Day Celebrations at SCWDC. | |
| 24-6-2021 | Published Research paper on “In vitro antimicrobial activity of leaf, stem fruit and root crude extracts of Momordica cymbalaria Fenzl: A medicinally important cucurbit”. In International Journal- Journal of Pharmacognosy and Phytochemistry |  |
| 11-07-2021 | Participated in Webinar on account of “World Population Day” at SCWDC. | |
| 10-08-2021 | Attended National Webinar on “Research, Innovation & Ranking” organized by IIC, Ministry of Education Initiative. |  |
| 27-08-2021 | Participated in “National Webinar on Research and Career Opportunities in Life Sciences” |  |
| 28-08-2021 | Participated in Webinar on “Role of Herbal Resources in Boosting Immunity” |  |
| 16-09-2021 | Conducted Online quiz competition on the event of “World Ozone Day”. |  |
| 03-10-2021 | Published research paper titled- Qualitative and quantitative evaluation of secondary metabolites of different plant extracts of *Nothapodytes foetida* (Wight) Sleumer, an important endangered medicinal tree. In International Scientific Journal- “World Scientific News”. |  |
| 05-10-2021 | Attended Webinar on “ Swachchta- A Comprehensive Perspective” at SCWDC. | |
| 20-10-2021 | Presented PhD final viva-voce on thesis entitled- “ *Solanum khasianum*- Biotechnology Perspectives” at Kakatiya University, Warangal for the award of PhD degree. |  |
| 02-11-2021 | Plantation program at SCWDC campus |  |
| 01-12-2020 | Participated in Institutions Innovation Council (2020-21) Annual Performance Result Announcement- organized by MHRD Innovation Cell. |  |
| 06-12-2021 to 08-12-21 | Participated in 3 day “Heartfulness Meditation Program” at SCWDC. | |
| 23-12-2021 | Exhibited “Global Warming and Flue gas” working models in Singareni Day Celebrations at Prakasham Stadium. |  |
| 27-12-2021 | Field trip to “Agricultural Research Station”, Madhira with III BSc (Biotechnology) students to gain Hands-on-Experience. |  |
| 13-01-2022 | Published research paper titled- Gas Chromatographic analysis in leaf and root extracts of *Muntingia calabura* and their expected antibacterial activities. In International Journal: Natural Resources for Human Health. |  |
| 20-01-2022 to 30-1-2022 | Completed EPS (Effective Public Speaking) course, conducted by IMPACT Foundation. |  |
| 24-01-2022 | Attended “National INNOVATION and STARTUP policy 2019 for Students and Faculty”- organized by IIC, Ministry of Education, Initiative. |  |
| 26-01-2022 | Participated in 73rd Republic Day Celebrations at Environment Department. Staff and Students received Appreciation Certificates from Sri. K. Kondaiah, GM (Environment), SCCL for exhibiting Working models in Singareni Day Celebrations. |  |
| 28-01-2022 | Attended “Q & A Session on IIC 4.0: SCRO Zone” Hosted by MOE Innovation Cell. | |
| 02-02-2022 | Participated in IGEN SDG Research Survey under the project titled- “SDG-7 Impact on Indian Universities” towards UN Sustainable Development Goals. |  |
| 02-02-2022 | Attended one day National Webinar on “Conservation of Wetlands”- organized by ‘Green Belt’, University College for Women, Koti, in collaboration with TS Biodiversity Board. |  |
| 06-02-2022 | Published research paper titled- “Cytotoxicity, DNA Cleavage and Antimicrobial activity of *Citrullus colocynthis* plant extracts. In International Journal: |  |
| 10-02-2022 | Published research paper titled- “In Vitro Anti-Inflammatory Activity of Green Synthesized Silver Nanoparticles and Leaf Methanolic Extract of Solanum khasianum Clarke. In National Research Journal- Proceedings of National Academy of Sciences, India-Section B. Biological Science. https://doi.org/10.1007/s40011-021-01337-9. |  |
| 09-03-2022 | Published research article titled- “Green synthesis of silver nanoparticles using Momordica cymbalaria aqueous leaf extracts and screening of their antimicrobial activity”. In National Research Journal- Proceedings of National Academy of Sciences, India-Section B. Biological Science. |  |
| 10-03-2022 | Research paper accepted and on online- “GC-MS fingerprinting and antibacterial activity of methanolic extracts of *in vitro* derived samples of *Solanum khasianum”*- In International Journal- Journal of Plant Biotechnology |  |
| 13-03-2022 | Participated in One day Workshop on “HPTLC Technique” conducted by Biodeavour Research Lab. |  |
| 17th-19th Mar 2022 | Participated in Three days National Virtual Workshop on Research Methodology and Data Analysis using MS Excel”- organized by Department of Business Administration, Kamraj College, Tamilnadu. |  |
| 21st -24th Mar 2022 | Judge for “District Level Science Fair 2021-22”, Bhadradri Kothagudem. |  |