

**PG AND RESEARCH DEPARTMENT OF BOTANY
NGM COLLEGE, POLLACHI - 01.**

DEPARTMENT ACTIVITIES (June 2019 - June 2020)

Seminars/symposia/workshops Organized

1. The staff members and students of PG and research Department of Botany, NGM College has conducted the one day workshop on Enhancing skills on Biodiversity 12th march 2020.



Association Guest lecture organized

1. PG and Research Department of Botany Inaugurated the association of Botanist PG PLANTA with special lecture on “Biodiversity - An Overview” delivered by Dr. S. Paulsamy, Dean - Research & Development, Associate Professor, Former Head, Department of Botany, Kongunadu Arts and Science College, Coimbatore at 02th August 2019.



2. PG and Research Department of Botany Inaugurated the association of Botanist PG PLANTA 2020 with special lecture on “PLANT BREEDING - AN OVERVIEW” delivered by **Dr. S. Manickam**, Principal Scientist, Central Institute for Cotton Research (RS), Coimbatore at 10th January 2020.

FDP Organised

1. PG and Research Department of Botany Organized FDP on Nutraceuticals - ‘A Perfect way to live Healthy Forever’ delivered by Dr. A.M. Ananda kumar on 10.04.2020 at 2.30 to 3.00pm.
2. PG and Research Department of Botany Organized 7 day FDP Programme for the Faculties of Biological sciences by PG and Research Department of Botany, Nallamuthu Gounder Mahalingam College, Pollachi from 25.05.2020 to 31.05.2020.

Staff Awards and honor

1. Dr. R. Rakkimuthu, awarded as mentor for the NPTEL online course “Wild life conservation” (8 week course) Jul-Sep 2019.
2. Mrs. D. Sowmiya, awarded as mentor for the NPTEL online course “Wild life conservation” (8 week course) Jul-Sep 2019.

3. Dr. P. Sathishkumar has successfully completed online NPTEL course with the distinction of Elite silver (75%) “Wild life conservation” (8 week course) Jul-Sep 2019.
4. Mrs. D. Sowmiya has successfully completed online NPTEL course with the distinction of Elite gold (90%) “Wild life conservation” (8 week course) Jul-Sep 2019.

Participation in Seminars/symposia/workshops

1. Dr. R. Rakkimuthu was participated in two days interactive workshop on converting research work into worth commercialization - claim drafting, organized by the Intellectual Property Right Cell, Bharathiar University, Coimbatore during 29th to 30th August 2019.
2. Dr. R. Rakkimuthu, Dr. P. Sathishkumar, Dr. A.M. Ananda kumar and Ms. D. Sowmiya has participated a Interactive Workshop on Converting the Research work into Patent, on 27th September 2019 at Vivekananthar Arangam , Nallamuthu Gounder Mahalingam College (Autonomous) Pollachi.

Participation in Seminars/FDP/workshops/ webinar through online platform

1. Dr. R. Rakkimuthu and Dr. A.M. Anandakumar has participated an online FDP on Flipped learning, organized by Vellalar College for Women on 6.4.2020.
2. Dr. R. Rakkimuthu and Dr. A.M. Anandakumar has participated an online webinar on Recent Technology in Networks, organized by Department of Computer science, NGM College on 6.4.2020.
3. Dr. A.M. Ananda kumar has participated One hour online program on The Business continuity Plan (BCP) for the education sector in India during the COVID 19 Global WFM forum on 6.4.2020.
4. Dr. A.M. Ananda kumar has participated an online webinar on “Virtual Reality” organized by Bhagwan Mahavir College of Engineering & Technology, Surat on 6.4.2020.

5. Dr. P. Sathishkumar has participated an online webinar on ‘An Innovative Frontline Technology Shield during Pandemics” organized by Internal Quality Assurance Cell, Nallamuthu Gounder Mahalingam College, on 7.4.2020.
6. Dr. P. Sathishkumar has participated an online webinar Infection Prevention and Control (IPC) for Novel Coronavirus (COVID-19) organized by Word Health Organiation on 9.4.2020.
7. Dr. R. Rakkimuthu has participated an Online Faculty Development Programme “DHRONA-The Art of Teaching and Learning for the Nxt Gen” – organized by BBA, D.G. Vaishnav College, Chennai on 11th to 14th April 2020.
8. Dr. R. Rakkimuthu has participated an online webinar on “Virtual Reality” organized by Bhagwan Mahavir College of Engineering & Technology, Surat on 11th April 2020.
9. Dr. R. Rakkimuthu has participated an online webinar on “Professionalism on the front line- ethical issues that arise during pandemics” by Elsevier on 11th April 2020.
10. Dr. A.M. Ananda kumar has participated an online Webinar"An effective research paper writing skills organized by Bhagwan Mahavir College of Engineering & Technology, Surat on 13th to 16th April 2020.
11. Dr. R. Rakkimuthu, Dr. P. Sathishkumar and Dr. A.M. Ananda kumar has participated a you tube Programme on Learn Chromatography, by Sheth. M.N.Science college, on 27.04.2020.
12. Dr. P. Sathishkumar has participated an online webinar ‘Scopus Curation and Re-evaluation =High-Quality Content’ organized by Elsevier on 27.4.2020.
13. Dr. P. Sathishkumar has participated an online webinar Infectious Disease Outbreak Research: Insights and Trends organized by Elsevier on 29.4.2020.
14. Dr. P. Sathishkumar has participated an online webinar Journal Indexing & Journal Hosting Workshop organized by Bright TALK on 29.4.2020.
15. Dr. R. Rakkimuthu and Dr. A.M. Ananda kumar has participated an online webinar on ‘The Fundamentals of IPR- Patents, Trademarks, Copyrights & Designs’ organized by Dwaraka Doss Goverdhan Doss Vaishnav College and Patwise Consulting Solutions on 29.04.2020.

16. Dr. R. Rakkimuthu and Dr. A.M. Ananda kumar has participated in international webinar symposium on “The relevance of Gandhian ideology in the present scenario” organized by Dept. of. History NGM College Pollachi on 29.4.2020.
17. Dr. A.M. Ananda kumar has participated Two day FDP on “Virtual Teaching” through On-Line mode organized by CIT, CBE on 29th & 30th April, 2020.
18. Dr. R. Rakkimuthu has participated an online National Webinar on "Challenges & Opportunities before Indian Higher education due to Covid-19" organized by MHRD on May 2, 2.30PM to 6.00PM.
19. Dr. R. Rakkimuthu has participated an One Day Online Workshop for “Enhancing Research Communication Skills through Science Direct and Mendeley organized by The Internal Quality Assurance Cell (IQAC) and School of Education (SoE), Faculty of Education, Dayalbagh Educational Institute, Dayalbagh Agra on 3rd May 2020.
20. Dr. R. Rakkimuthu, Dr. P. Sathishkumar and Dr. A.M. Ananda kumar has participated an online webinar on ‘Art of Teaching Excellence in Digital Era organized’ by Sakthi Institute of Information and Management Studies, Pollachi on 04.05.2020.
21. Dr. A.M. Ananda kumar has participated an online Faculty Development Programme Department of Chemistry, D.K.M. College for Women, Vellore, Tamil Nadu in association with Spoken Tutorial Project, IIT Bombay, MHRD, Govt. of India on 04.05.2020 to 10.05.2020.
22. Mrs. D. Sowmiya has attended webinar on “Biotechnological and Nanotechnological Application for Marine Bioresources Augmentation” organized by Sathyabama institute of science and technology (Deemed to be university), Chennai in association with Col. Dr Jeppiaar Research Park centre for ocean research and Earth science and Technology Cell, Ministry of Earth sciences (04.05.2020).
23. Dr. R. Rakkimuthu has participated an online webinar on "Corona Pandemic and Economic Challenges in India" organized by MHRD on 4th May 2020, 2.30PM to 6 PM
24. Dr. R. Rakkimuthu has participated e-lecture on “ COVID19- Biological Focus PG & Research Department of Biotechnology, organized by J.J. College of arts and science, Pudukkottai, Tamilnadu on 6th May 2020.
25. Dr. A.M. Ananda kumar has participated an online Webinar on Marine ecology and climate change organized by Sathyabama Institute of Science and Technology on 6th to 9th May 2020.
26. Dr. P. Sathishkumar has participated an online Webinar on “Change towards a sustainable future organized by Bright TALK on 8th May, 2020.

27. Mrs. D Sowmiya has attended 3 days webinar on “Agricultural Biotechnology for crop improvement” organized by Sathyabama institute of science and technology (Deemed to be university), chennai (08.05.2020-10.05.2020).
28. Dr. R. Rakkimuthu, Dr. P. Sathishkumar and Dr. A.M. Ananda kumar has participated an International webinar on Plant derived smoke compound on Bio-stimulants and their application in crops organized by KLE Society’s Science and Commerce college, Navi Mumbai on 9th May 2020.
29. Dr. R. Rakkimuthu, Dr. P. Sathishkumar and Dr. A.M. Ananda kumar has Participated in National Webinar entitled “Nanotechnology : Basics to Applications” organized by Department of Chemistry, Nallamuthu Gounder Mahalingam College, Pollachi held on 10.05.2020.
30. Dr. A.M. Ananda kumar has participated a Webinar Series on Global Perspectives In Biotechnology organized by P.S.R. Engineering College on 11th to 15th May 2020.
31. Mrs. D Sowmiya has participated in an International webinar in zoology on “Controlling mosquitoes to protect public health: west nile, zika, chikungunya and dengue viruses” organized by Department of Zoology, Prof. Ramkrishna more arts, commerce and science college, Akurdi- Pune, India (11.05.2020).
32. Dr. R. Rakkimuthu, Dr. P. Sathishkumar and Dr. A.M. Ananda kumar has participated an International Faculty Development Programme entitled “Recent Innovations In Herbal Cosmetics” organized by Post Graduate Department of Chemistry, Nallamuthu Gounder Mahalingam College, Pollachi on 12.05.2020.
33. Dr. A.M. Ananda kumar has participated an online Webinar on Post -covid-19 Entrepreneurship opportunities in rural India organized by St. Mother theresa Engineering college, Entrepreneurship cell on 12.05.2020
34. Mrs. D Sowmiya has participated in an International webinar course on “Plant biotechnology in space” organized by Department of Botany, Annamalai University, Annamalainagar-608002 (12.05.2020).
35. Dr. A.M. Ananda Kumar has Participated in the national webinar on Siddhar ilakiyathil unave marunthu organized by Department of Tamil (Aided), on May 13.05.2020 to 15.05.2020.
36. Dr. P. Sathishkumar and Dr. A.M. Ananda kumar has participated a Webinar on Personal effectiveness -need of the hour organized by Sakthi Institute of Information and Management Studies, Pollachi on 14.05.2020

37. Dr. P. Sathishkumar has participated a Webinar on NAAC Awareness Programme for Faculty" organized by Marathwada Mitra Mandal Institute of Technology (MMIT), Lohgaon, Pune on 14.05.2020
38. Dr. P. Sathishkumar and Dr. A.M. Ananda kumar has participated a International Webinar on "Plant Molecular Biology In Space" organized by the Department of Botany and Bio-informatics, Nirmala College for Women, on 14.05.2020.
39. Dr. P. Sathishkumar has participated an International Webinar on "Sustainable Development" Department of English Language, organized by NGM College on 14.05.2020
40. Dr. P. Sathishkumar has participated an online course on Standard Precautions: Waste Management organized by Word Health Organiation on 15.05.2020.
41. Dr. A.M. Ananda Kumar has participated in the Webinar Series for Faculty entitled "Bioscience for Enriching Human Life" organized by the Department of Biochemistry & Microbiology, Sri Ramakrishna College of Arts & Science for Women, Coimbatore from 14.05.2020 to 17.05.2020.
42. Dr. A.M. Ananda Kumar has participated in the webinar "Knowledge gained through the challenging exercise of NAAC: Success story. Organised by St. Josephs college Trichy on 15.05.2020.
43. Dr. Rakkimuthu, Dr. P. Sathishkumar and Dr. A.M. Ananda Kumar has successfully Completed the One Week Virtual International Faculty Development Programme from 15.05.2020 to 21.05.2020 entitled "ADVANCED TOPICS IN CHEMICAL SCIENCES" organized by Post Graduate Department of Chemistry, Nallamuthu Gounder Mahalingam College, Pollachi
44. Dr. P. Sathishkumar and Dr. A.M. Ananda Kumar has completed online course on Organic farming certificate course from 17th to 23rd May 2020 conducted by IQAC, Athalye- Sapre-Pitre College, Devrukh (Autonomous).
45. Dr. A.M. Ananda Kumar has participated in three day online training programme on entitled Research Methodology of social sciences organised by Department of Social work Bharathidasan University held from 18-20 May 2020.
46. Dr. A.M. Ananda Kumar has participated in Vellalar College for women and NGM College jointly organized international webinar on 'Indraya vaalviyalukku illakiyam enum porunmaiylaana international seminar' on 20.05.2020 to 24.05.2020.

47. Dr. A.M. Ananda Kumar has participated in the FDP on Data Science - Research Opportunities organised by Department of Information Technology, Sri Ramakrishna College of Arts and Science, Coimbatore-06, held on 21-05-2020.
48. Dr. P. Sathishkumar and Dr. A.M. Ananda Kumar has participated Online Webinar - International Day Of Biological Diversity organized by Biotechnika on 22-05-20
49. Dr. A.M. Ananda Kumar has participated in the Webinar Intellectual Property Rights and Patent Filing in collaboration with Rajiv Gandhi National Institute of Intellectual Property Management, Nagpur (Govt. of India) on 22 May 2020.
50. Dr. P. Sathishkumar and Dr. A.M. Ananda Kumar has participated Webinar on: Is Quarantine due to Covid 19 helping nature to heal? On the occasion of International Biodiversity Day 22 May 2020 organised by ENVIS Amrita, Amrita University, Ettimadai, Coimbatore.
51. Mrs. D Sowmiya has participated in webinar course on “Conservation of birds in India” organized by Amity Institute of Forestry and wildlife, Amity University, Noida (23.05.2020).
52. Dr. A.M. Ananda Kumar, has participated in the Two day National FDP on “Challenges And Opportunities In Research” organized by the Department of Botany and Bioinformatics, Nirmala College for Women, Coimbatore on 23.05.2020 and 24.05.2020.
53. Dr. Rakkimuthu, Dr. P. Sathishkumar and Dr. A.M. Ananda Kumar has Participated in the online webinar “Botanical Bioprospecting” organised by Department of Botany (Aided) NGM College, Pollachi on 27.05.2020.
54. Dr. A.M. Ananda Kumar has participated in the Webinar Antiviral Marine Macroalgae Sulfated Polysaccharides to Boost Immunity As Well As Active against Respiratory Infections organised by the PG & Research Department of Botany, V.O.Chidambaram College on 27.05.2020.
55. Dr. R. Rakkimuthu, Dr. P. Sathishkumar and Dr. A.M. Ananda Kumar has participated International webinar - Fine Tunings : Botany In Space organized by "Post graduate and research department of botany sree narayana college, Nattika, Thrissur, Kerala" on 30.05.2020.
56. Dr. P. Sathishkumar has participated in International webinar entitled “Nano - The Tiny Warrior”- Engineering Nanomedicine and Drug Delivery System organized by

Department of Chemistry, Kongu Engineering College, Perundurai-638060, Erode on 30-05-20.

57. Dr. R. Rakkimuthu and Dr. A.M. Ananda Kumar has participated Participated in Faculty Development Programme on “Life science for enhancing human life” From 28.05.2020 to 31.05.2020 organized by Nirmala College for Women (Autonomous), Coimbatore.
58. Dr. A.M. Ananda Kumar has participated Webinar on “Sustainable Living” on 29.05.2020 organised by PSG College of Arts and Science Eco club, Coimbatore.
59. Dr. A.M. Ananda Kumar has attended the seven days webinar series faculty development programme on “Beyond Academic Excellence - A Reality Show” organized by office of the controller of Examinations & Department of History - Historia 20, Nallamuthu Gounder Mahalingam College (Autonomous) Pollachi, Coimbatore, Tamil Nadu. from 25.05.2020 - 31.05.2020 .
60. Mrs. D Sowmiya has participated in an International webinar entitled “NANO- The tiny warrior- Engineering Nanomedicine and Drug Delivery System” organized by Department of Chemistry, Kongu Engineering College, Perundurai-638060, Erode (30.05.2020).
61. Mrs. D Sowmiya has participated in an International webinar DOCTRINA-10 on “Natural Habitat Destruction and Emerging Zoonoses” organized by Department of Forestry and IQAC of Sir syed College, Taliparamba, Kannur, Kerala (31.05.2020).
62. Mrs. D Sowmiya has participated in the state level webinar on “Manithargalum matta uyirinagalum” jointly organised by the PG and Research Department of commerce, Nallamuthu Gounder Mahalingam College, Pollachi and Osai Environmental Organisation, Coimbatore (02.06.2020).
63. Dr. P. Sathishkumar and Dr. A.M. Ananda Kumar has Participated in A Two day Webinar on “Mössbauer Spectroscopy - Elucidation of Magnetic Compounds In Biological System” organized by the PG and Research Department of Botany, St. Mary’s College (Autonomous), Thoothukudi on 2.06.2020 and 3.06.2020.
64. Dr. P. Sathishkumar has attended the online webinar on Microbiologist In Everybody Organized by Biocon Academy and Biotechnika Info Labs Pvt Ltd on 3rd June 2020.
65. Dr. P. Sathishkumar and Dr. A.M. Ananda Kumar has Participated in the National level Webinar on “Biodiversity Conservation with Special Reference to Agrobiodiversity”

organised by the PG & Research Department of Botany, V.O.Chidambaram College on 04.06.2020.

66. Dr. P. Sathishkumar has Participated in the Webinar on ‘Earth is healing now. But, what happen safter lock down?’ organized by the ENVISRP, Centre for Sustainable Future, Amrita Vishwa Vidyapeetham, Coimbatore, Tamil Nadu on 5th June, 2020.
67. Dr. A.M. Ananda Kumar has Participated in the “Sentence Square - English Skill Test - I” held on 6-6-2020, Dr. R.V. Arts and Science College, Coimbatore.
68. Mrs. D Sowmiya has participated in the webinar on “Toxicology studied and career prospective in biotechnology” hosted by Madha Engineering College, Chennai (07.06.2020 and 08.06.2020).
69. Dr. P. Sathishkumar and Dr. A.M. Ananda Kumar has Participated in the National Level Live Faculty Development Programme (webinar) on “Future of Examinations: Bloom's Taxonomy and Multiple Assessment Tools” conducted by G. T. N. Arts College (Autonomous), Dindigul, Tamilnadu on 08.06.2020.
70. Dr. A.M. Ananda Kumar has participated in the one day webinar entitled, “Commemoration Of World Oceans Day “ conducted by Department of Marine Science, School of Marine Sciences, Bharathidasan University, Tiruchirappalli on 08 .06.2020.
71. Dr. A.M. Ananda Kumar has Participated in the webinar on “DNA Fingerprinting and its applications in Genetic Testing”organised by Department of Zoology, V.O.Chidambaram College on 08.06.2020.
72. Dr. P. Sathishkumar has participated in the webinar on Genomics and Disruption organized by Post Graduate and Research Department of Physics, Nallamuthu Gounder Mahalingam College, Pollachi on 9th June 2020.
73. Dr. A.M. Ananda Kumar has Participated in the webinar on “Ayurveda for Women’s Health” organized by the Department of Botany and Bio-informatics, Nirmala College for Women, Coimbatore on 10.06.2020.
74. Dr. A.M. Ananda Kumar has participated in A Seven – Day Online Faculty Development Programme on “NEW DIRECTIONS AND DIMENSIONS IN HIGHER EDUCATION” conducted by Arulmigu Palaniandavar Arts College For Women, Palani held from 09/06/2020 to 15/06/2020.

75. Dr. Rakkimuthu and Dr. A.M. Ananda Kumar has actively participated in National Webinar entitled “Nanotechnology : Basics to Applications” organized by Department of Chemistry, Nallamuthu Gounder Mahalingam College, Pollachi held on 10.06.2020
76. Dr. A.M. Ananda Kumar has Participated in the seven days International online seminar on “Natural Products for Health Management” Organized by Department of Botany, Periyar University Constituent College of Arts and Science, Harur, Tharumapuri-636903 held on 10.06.2020 to 16.06.2020.
77. Dr. Rakkimuthu, Dr. P. Sathishkumar and Dr. A.M. Ananda Kumar has Participated Webinar on: Issues and challenges of climate change on Biodiversity organised by Kandaswamy kandars College, Velur, Nammakkal on 11th June 2020.
78. Dr. A.M. Ananda Kumar has Participated in an Live webinar organized by School of Arts and Science and Commerce an internal quality assurance Cell (IQAC), Rai University, Ahmedabad, Gujarat – India on Challenges of Working from home – held on 12.06.2020.
79. Dr. Rakkimuthu and Dr. P. Sathishkumar has Attended and successfully completed the Faculty Development Programme on Research Capacity Building under UGC Scheme, STRIDE Component – 1 organised by V.O.Chidambaram College, Thoothukudi from 15.06.2020 to 17.06.2020.
80. Mrs. D. Sowmiya has actively participated in an International Alumni Webinar on “Recent Trends in Biological Research”, organized by Department of Botany, Kongunadu Arts and Science College, Coimbatore-641029, Tamilnadu (17.06.2020-25.06.2020).
81. Dr. A.M. Ananda Kumar has Participated in Webinar organized by School of Pharmacy and Centre for research and development Rai university, Ahmedabad, Gujarat- India in Collaboration with SAGA laboratories on Current Scenario, scope and challenges in Pharmaceutical industry on 19.06.2020.
82. Dr. P. Sathishkumar and Dr. A.M. Ananda Kumar has Participated One Day National Webinar on Nutraceuticals and medicinal herbs for Health & immunity organised by the Department of Botany & IQAC, St. Joseph College for women (A), Visakhapatnam, Andhra Pradesh on 20th June, 2020.

83. Dr. Rakkimuthu, Dr. P. Sathishkumar and Dr. A.M. Ananda Kumar has Participated One Day Webinar FDP on Appraisal of Learning Outcomes in OBE organised by Office of the Controller of Examinations, NGM College on 22.06.2020.
84. Dr. A.M. Ananda Kumar has participated in Webinar on Covid -19 Vs Siddha Medicine organized by Department of Botany, Bharat Ratna Purachi Thalaivar Dr. MGR Govt. Arts and Science College, Palacode on 22.06.2020.
85. Dr. P. Sathishkumar has Participated in the National level Webinar on “CURRENT STATUS OF IMMUNE DEVELOPMENT FROM MUSHROOM FOR COVID-19” Organised by the Department of Commerce and Computer Applications, Queens college of Arts and Science for Women, Punalkulam on 23rd June 2020.
86. Dr. R. Rakkimuthu, has participated in E-impact lecture session on ‘IPR & Management for Innovation’ Jointly organized by AICTE, Institution’s Innovation’ council, MHRD’S Innovation cell, Tagore Institute of Engineering and Technology, Salem on 25.06.2020.
87. Dr. R. Rakkimuthu, has participated in the 3 Days Community Development Programme on “Improve Your Health - Need of the Hour” held from 25.06.2020 to 27.06.2020 through Google Meet Platform Technology organized by PG Department of Botany and Department of Clinical Nutrition and Dietetics, PSG College of Arts & Science, Coimbatore.
88. Dr. Rakkimuthu, Dr. P. Sathishkumar and Dr. A.M. Ananda Kumar has Participated in in the Two Day National Level Webinar FDP on Emotions Management, Organised by NGM College, Department of History - HISTORIA 20 on 29th and 30th June 2020.
89. Mrs. D Sowmiya has participated in the National level Webinar on “Current status of Pteridophytes of Western Ghats of India” organized by the Department of Botany, Sarah Tucker College (29.06.2020).
90. Dr. Rakkimuthu, Dr. P. Sathishkumar and Dr. A.M. Ananda Kumar has Participated in National webinar on "Shola forest: A paradise of Biodiversity" on organized by the Department of Botany, Bishop Heber College, Tiruchirapalli. 30th June, 2020.

Presentations (Poster/oral) in Seminars/symposia/workshops/conference

1. Ms. D. Sowmiya has presented a paper entitled “Formulation, evaluation and comparison of the polyherbal powdered shampoo with the marketed herbal powdered shampoos”, in SERB and ISCA International Conference on “ Impact of Innovations in Science and

Technology for Societal Development (IISTSD-2019)” jointly organized by Kongunadu Arts and Science College and Faculty of Technology, Mahasarakham University, Thailand (19.09.2019-21.09.2019).

2. Dr. R. Rakkimuthu has presented a poster presentation entitled ‘Eco friendly one - pot green synthesis of Ag -rGo nanocomposites by *Anisomeles malabarica* (L.) R. Br. extract and its photocatalytic and antibacterial property in Young Scientist Conference as part of India International Science Festival 2019 held at Biswa Bangla Convention Centre, Kolkata during 5-8 November 2019.

Publications

1. R.Rakkimuthu, R. Nithiyakamatchi, P.Sathishkumar, AM. Anandakumar and D.Sowmiya, 2019. *In vitro* antifungal activity of formulated floral extracts against *Malassezia furfur*. The International journal of analytical and experimental modal analysis, 11 (9): 1326 - 1335.
2. R Rakkimuthu, R Indu, P Sathishkumar, AM Anandakumar, D Sowmiya, 2019. Effect of herbal spray for coconut copra process, storage and Post-harvest disease management, International Journal of Botany Studies, ISSN: 2455-541X; Impact Factor: RJIF 5.12, Volume 4; Issue 6; November 2019; Page No. 77-81.
3. AM Anandakumar, J Alahupreeti, R Rakkimuthu, P Sathishkumar, D Sowmiya, 2019. Studies on clastogenic activity caused by synthetic red food colour dye on the root tips of *Allium cepa* L. International Journal of Botany Studies ISSN: 2455-541X; Impact Factor: RJIF 5.12 Volume 4; Issue 6; November 2019; Page No. 102-105.
4. Rakkimuthu Ramalingam, Sathishkumar Palanisamy, Ananda Kumar Mohanraj, Sowmiya Durisamy and Nishanthini Rajasekaran, 2020. Chemical Profiling of *Momordica charantia* L. Seed Essential Oil and Its Antimicrobial Activity, *Journal of Essential Oil Bearing Plants*, 23:2, 390-396, DOI: 10.1080/0972060X.2020.1741451

Proceedings

1. R. Rakkimuthu, P. Sathishkumar,, A. M. Ananda kumar, D. Sowmiya, S. Sabirafathima, R. Indu, R. Nithyakamatchi, S. Ramya and S. sinju, 2019. Antibacterial activity of methanolic fruit extract of *Cucumis trigonus* roxb. In: Poonkodi. K (Ed). Proceedings on national seminar on Advanced Materials for Energy, Environment and Medicinal Applications, PP:88- 91. ISBN 978-93-87009-56-1.

2. P. Sathishkumar*, S. Inmuky shyamala, R. Rakkimuthu, A. M. Ananda kumar and D. Sowmiya, 2019. Evaluation of *in-vitro* anti-diabetic activity of the methanolic extracts of *Allium sativum* L. skin and *Areca catechu* L. husk using yeast cells. In: Poonkodi. K (Ed). Proceedings on national seminar on Advanced Materials for Energy, Environment and Medicinal Applications, PP:95- 100. ISBN 978-93-87009-56-1.
3. A. M. Ananda kumar *, N. Sasikumar, R. Rakkimuthu, P. Sathishkumar and D. Sowmiya, 2019. Organoleptic evaluation and phytochemical studies on *Phyllanthus reticulatus* Poir., In: Poonkodi. K (Ed). Proceedings on national seminar on Advanced Materials for Energy, Environment and Medicinal Applications, PP:101- 108. ISBN 978-93-87009-56-1.

Project Proposal Submitted

1. Dr. R. Rakkimuthu has submitted the project entitled Evaluation of novel poly herbal formulation on anticancer and immunostimulatory properties to Tamilnadu State Council for Science and Technology Dote Campus, Chennai for financial support under the Science and Technology Project Scheme- COVID -19

Workshop Proposal Submitted

1. Dr. R. Rakkimuthu has submitted the Dissemination of Innovative Technology (DIT) scheme proposal entitled An Innovative Technology on Oyster Mushroom cultivation and vermin composting practice for Self employment of Rural Population to TNSCST, (Rs. 50000).
2. Dr. R. Rakkimuthu has submitted proposal entitled the One Day Workshop on Applications of SPSS in life science, to Council of Scientific and Industrial Research New Delhi, August 2019.
3. Dr. R. Rakkimuthu has submitted the workshop proposal entitled one day workshop on Applications of SPSS in life science to TNSCHE Chennai, 19.08.2019 (Rs. 30000.00).
4. Dr. R. Rakkimuthu has submitted the workshop proposal entitled one day workshop on IPR in life science applications to TNSCHE Chennai, 19.08.2019 (Rs. 27000.00).
5. Dr. P. Sathishkumar has submitted the workshop proposal entitled National level training - workshop on plant taxonomy to TNSCHE Chennai, 19.08.2019 (Rs. 37400.00).

6. Dr. A.M. Ananda kumar has submitted the workshop proposal entitled Two days workshop on recent trends in medicinal plant cultivation and value added products to TNSCHE Chennai, 19.08.2019 (Rs. 54000.00).
7. Mrs. D. Sowmiya has submitted the workshop proposal entitled Two days workshop on computer-aided drug designing to TNSCHE Chennai, 19.08.2019 (Rs. 42000.00).

Faculty development programmes:

1. Dr. R. Rakkimuthu, Dr. P. Sathishkumar, Dr. A. M. Anandakumar and Mrs. D. Sowmiya, has attended faculty development programme on "Recent Trends in Higher Education in Science and Humanities to Rural Students" Organized by Nallamuthu Gounder Mahalingam College at Vivekanandar Arangam on June 12- 14, 2019.

Student Project Presentations

- Mr. G. Chokkalingam, Mr. B. Tamil selvan and Mrs. M. Gayathri t has presented the project findings entitled "Production of degradable bio plastics from invasive alien plants in Anamalais, The Western Ghats" to Tamil Nadu State Council for Science and Technology, Chennai, at Kalasalingam Academy of Education and Research (Kalasalingam University), Krishnankovil, Srivilliputhur on 19th and 20th July 2019.

Student Project Proposal Submitted to TNSCST (Aug-2019)

S.No	Student Name	Title of the project	Guide name
1.	Ms. B. Jiji, Ms. P. Ananthi and Ms. P. Remya	Cost effective water purification solution for domestic water sources of Pollachi Taluk, Tamilnadu	Dr. R. Rakkimuthu
2.	Ms. U. Haritha, Ms. P. Anu and Ms. N. Sudha	Screening of bioactive compounds and its biological activity of the fern <i>Cheilanthes mysorensis</i> Wall. from Southern Western Ghats, Tamilnadu	Dr. R. Rakkimuthu
3.	Ms. M. Meenambigai, Ms. J. Logeshwari and Ms. PV. Akhila	Edible coating from nontoxic biomaterials for extending shelf life of fruits and vegetables	Dr. P. Sathishkumar
4.	Ms. K. Pavithra, Ms. A. Anushiya and Ms. S. Revathi	Production of biodegradable mulch film - an alternative for pe plastic mulch	Dr. P. Sathishkumar

5.	Ms. Aleena. B. Eluvathingal, Ms. B. Sarguna anandhi, Ms. R. Manjula devi and Ms. V. Dhivya	Production of water repellent papers using biowax isolated from the exotic plant, <i>Eichhornia crassipes</i>	Dr. A. M. Ananda kumar
6.	Ms. K. Neethu Krishna, Ms. P. Priyadharshini and Ms. M. Chitra	Biosequestration of carbon by green walls using mosses	Mrs. D. Sowmiya
7.	Ms. E. Divya and Ms. D. Sindhu	Antihyperlipidemic activity of virgin coconut oil (vco) extracted from Pollachi coconuts	Mrs. D. Sowmiya

TNSCST Sanctioned Student Project

- Ms. M. Meenambigai, Ms. J. Logeshwari and Mr. P. V. Akhila has Sanctioned the project proposal entitled “Edible coating from nontoxic biomaterials for extending shelf life of fruits and vegetables.” from Tamil Nadu State Council for Science and Technology, Chennai, during the period of 2019 - 2020 under the guidance of Dr. P. Sathishkumar. (Rs 7500/-).
- Ms. K. Neethu Krishna, Ms. P. Priyadharshini and Ms. M. Chitra has Sanctioned the project proposal entitled “Biosequestration of carbon by green walls using mosses.” from Tamil Nadu State Council for Science and Technology, Chennai, during the period of 2019 - 2020 under the guidance of Mrs. D. Sowmiya (Rs 7500/-).

Student Awards and honor

1. Haritha U, Logeshwari J, Priyadharshini P, Pavithra K, Meenambigai M, Neethukrishna K, Jiji b, Aleena B. Eluvathingal, Shaesasalam.K, Sivaprakash.P Venu gopal.N, Karpagam.S, Sangavi.R, Poongodi.T, Mahalakshmi.B, Varshini.S, Shereena. C.S, Praniha.P, and Anusha Joby has successfully completed online NPTEL online course “Wild life conservation” (8 week course) Jul-Sep 2019.

Student participation:

1. Second M.Sc., Botany student P. Ananthi was completing the internship programme at *Horticulture development form Malampuzha, Palakad, Kerala* from 10.06.2019 to 14.06.2019.
2. Second M.Sc., Botany student P. Ananthi was completing the internship programme at *Alva Hospital Private limited, Pollachi* from 03.06.2019 to 12.06.2019.
3. Second M.Sc., Botany student Meenambigai M was completing the internship programme “sugarcane marker related work and genetic transformation” from may 22, 2019 to June 22, 2019 at CAR - Sugarcane breeding institute , Coimbatore under the guidance of Dr. Mahadevaiah, Scientist, Division of Crop Improvement.
4. Second M.Sc., Botany student K. Pavithra was completing the internship programme “*in-vitro* propagation of sugarcane through meristem culture” from may 22, 2019 to June 22, 2019 at CAR - Sugarcane breeding institute , Coimbatore under the guidance of Dr. Valarmathi, Scientist, Division of Crop Improvement.
5. Second M.Sc., Botany student Logeshwari J was completing the internship programme “*Tissue culture and cytological techniques and fiber analysis in sugarcane* ” from may 22, 2019 to June 22, 2019 at CAR - Sugarcane breeding institute , Coimbatore under the guidance of Dr. A. Suganya, Principal Scientist, Division of Crop Improvement.
6. Second M.Sc., Botany student Priyadharshini P was completing the internship programme “*Genetic Transformation Studies in sugarcane*” from may 22, 2019 to June 22, 2019 at CAR - Sugarcane breeding institute, Coimbatore under the guidance of Dr. Mahadevaswamy, Scientist, Division of Crop Improvement.
7. K. Pavithra Second M.Sc., Botany student has participated five days National workshop on Advanced Trends in Marine Macro algal Taxonomy, Cultivation & Utilization under AICOPTAX sheme sponsored by Ministry of Environment Forest & Climate Change, New Delhi, held at the Botanical Suevey of India, Southern Regional Centre (SRC), Coimbatore from 21 - 25 October 2019.
8. Meenambigai M, Haritha U, Logeshwari J, A. Anusiya, Aleena B Elavathingal and P. Ananthi were participated in five days national workshop on Taxonomy of Angiosperms: Field to Laboratory, conducted by Department of Botany, PSGR Krishnammal College

for women collaboration with Botanical Survey of India, Southern Regional Centre (SRC), Coimbatore from 9 - 13 December 2019.

Broad of Studies

1. Broad of studies conducted on 22.02.2020 to frame Syllabi for the M.Sc., Botany course for the academic year of 2020-2022.

Field visits organized

1. Dr. R. Rakkimuthu, Dr. P. Sathishkumar and Dr. A. M. Anandakumar accompanied students of PG and research Department of Botany, NGM College accompanied Students of PG Botany a field visit to Rameshwaram during 9th and 10th August 2019 for Algal collection.



2. Dr. R. Rakkimuthu, Dr. P. Sathishkumar and Dr. A. M. Anandakumar accompanied students of PG and research Department of Botany, NGM College accompanied Students of PG Botany a institutional visit to Indian Institute of Horticulture research, Bangalore from 4th to 6th February 2020.

