

Department activities of Botany (U.G) –June 2013 to May 2017

DEPARTMENT ACTIVITIES (June 2013- May 2014)

Guest lecturers organised/delivered

- Dr. R. Kannan delivered a special lecture on “NAAC- An exercise for Excellence” in The Faculty Development programme organized by the Academy for Professional Development, NGM College, Pollachi on 5th September 2013.
- Dr. S. Paulsamy, Kongunadu College of Arts and Science, Coimbatore delivered a special lecture on “Medicinal plants value addition and conservation” on 27th August 2013.
- Department of Botany conducted a special programme on the account of Ozone day celebrations on 4th October 2013.
- Dr. R. Kannan delivered a special lecture in Botany Association meeting entitled “DNA- the software of Life” in Vellalar College for women, Thindal, Erode on 9th October 2013.
- Dr. R. Kannan delivered a guest lecture on “Are you a leader?” organized by Training and placement cell, NGM College, Pollachi on 18th October 2013.
- Dr. R. Ragunathan, Director – R &D centre for Biotech and nanoscience research, Coimbatore delivered a Guest lecture on “DNA finger printing” organized by the Department of Botany, NGM College on 23rd October 2013.

Participation in Seminars/workshops

- Dr. R. Kannan participated and presented a paper entitled “Conservation of natural resources by HEIs and community participation” was organized by the IQAC, Ayya Nadar Janaki Ammal College, Sivakasi on 18th July 2013.
- Dr. R. Kannan participated in National seminar on “Departmental leadership for Heads of Department ” was organized by the Centre for education beyond curriculum, TQMS, Christ university, Bangalore on 25th, 26th and 27th September 2013.
- Dr. M. Latha Isabel participated in National level workshop on “Tree seed science and silviculture” organized by the Institute of forest Genetic and tree breeding (IFGTB) on 25th November 2013.

- Dr. A. Logamadevi participated in National level workshop on “Tree seed science and silviculture” organized by Institute of forest Genetic and tree breeding (IFGTB) on 25th November 2013.
- Dr. K. Rajalakshmi participated in the National level workshop on “Antioxidants and Human health” organized by the Department of Botany and Zoology, G.V.G. College for Women, Udumalpet on 4th March 2014.

M.Phil. & Ph.D. degrees awarded

- Ms. E. Neelamathi received her Ph.D. degree in Botany (under the guidance of Dr. R. Kannan) in the 30th annual convocation held at Bharathiar University on 25th March 2014.

Intercollegiate visits:

- Dr. A. Logamadevi visited PSGR Krishnammal College for Women, Coimbatore on 26th September 2013 and Rathinam College, Coimbatore on 9th October 2013 to have a discussion to prepare the proposal for Summer Science Camp – 2014 under INSPIRE programme.
- Dr. R. Kannan visited Ayya Nadar Janaki Ammal College, Sivakasi to visit “IQAC team to bench mark institution” on 16th August 2013.
- Dr. R. Kannan visited the Kumaraguru college of engineering and technology, Coimbatore for “Inauguration of centre for excellence in advanced design” organized by professor Dr. Devarajan, Vice-Chairman, UGC, New Delhi on 4th September 2013.

Extra Curricular/ Extension activities:

- Dr. A. Logamadevi conducted a quiz on “Wildlife to schools and colleges from Coimbatore and valparai district” was organized by the Indra Gandhi wild life sanctuary and national park, Anaimalai tiger reserve, Topslip on 23rd September 2013.
- Dr. K. Rajalakshmi conducted a quiz on Ozone day on the topic “Importance, Impact on health, climatic change” for NGM College students was organized by the Departments of Physics, Chemistry, Botany and Zoology on 26th September 2013.

- Dr. R. Kannan acted as a Rapporteur in the 3 day National seminar on “*Tholkappiyamum samakaala thevaiyum*” organized by the Department of Tamil, NGM College from 26th to 28th February 2014.
- Dr. R. Kannan acted as a Jury to award prizes in the theatre festival “Yavanika” organised by the Department of English, N.G.M. College, Pollachi on 6th March 2014.

Student participation:

- Dr. A. Logamadevi accompanied III B.Sc., Botany students to Yercaud experimental garden on 13th December 2013.
- Students from Final year and second year B.Sc., Botany attended the One day National level workshop on “Mushroom Cultivation” organized by Kongunadu College of Arts and Science, Coimbatore on 23rd January 2014.

DEPARTMENT ACTIVITIES (June 2014- May 2015)

Guest lecturers organised/delivered

- Mr. V. Sivasankar, Beat forest officer, Kerala forest and wildlife department, Wynad, Kerala delivered an invited lecture on “Human-Wildlife conflict” on 7th March 2014.
- Dr. P. Balasubramanian, Principal Scientist, Salim Ali Centre for Ornithology and Natural History (SACON), Coimbatore delivered a lecture on "Afforestation by avifaunal frugivory" on September 19th 2014.
- Dr. R. Kannan delivered a guest lecture on “Herbal Leads and Drug Designing” in the National level seminar organized by the department of Chemistry, Government Arts College, Udumalpet on 23rd December 2014.
- Dr. R. Kannan delivered a keynote address on UGC sponsored National seminar “Sustenance of Biodiversity in the era of Bioinformatics” organized by the Palaniandavar College of Arts and Science, Palani on 11th march 2015.

Participation in Seminars/symposia/workshops

- Dr. M. Latha Isabel, Dr. A. Logamadevi, Dr. K. Rajalakshmi and Dr. E. Neelamathi have participated in the state level UGC sponsored workshop on “Vermi composting” organized by the Department of Botany and Zoology, NGM College, Pollachi on 14th August 2014.
- Dr. M. Latha Isabel and Dr. A. Logamadevi have participated in “Fruit processing training on value added fruit products” organized by Food Processing and Training center, Karunya University, Coimbatore on 20th August 2014.
- Dr. K. Rajalakshmi participated in an International seminar on ““Emerging Contaminants and Environmental Remediation-2015” organized by Role of teachers in promoting Green and clean India” organized by the Department of Environmental Sciences, School of Life Sciences, Periyar University, Salem on 27th January 2015.
- Dr. E. Neelamathi participated in the National level seminar on “Role of teachers in promoting Green and clean India” organized by Lisieux College of Education, Viswasapuram, Coimbatore on 27th January 2015.
- Dr. A. Logamadevi participated in the training programme on “Plant Taxonomy” organized by the Institute of Forest Genetic and Tree Breeding, Coimbatore from 25th February 2015 to 27th February 2015.
- Dr. E. Neelamathi participated in the training programme on “Plant Taxonomy” organized by the Institute of Forest Genetic and Tree Breeding, Coimbatore from 04th March 2015 to 06th March 2015.
- Dr. K. Rajalakshmi participated in the training programme on “Plant Biodiversity” organized by the Institute of Forest Genetic and Tree Breeding, Coimbatore from 11th March 2015 to 12th March 2015.
- Dr. R. Kannan participated in the National conference on “Emerging education models for 21st century” organized by the Bharathiar University and UGC HRD Center.

Paper/ Abstract submission and presentation in seminars

- Dr. A. Logamadevi participated and presented paper entitled “Ethnobotanical plants of malaria in Thambapathi, Pollachi in the National level seminar organized by the Arulmigu Palaniandavar College, Palani on 6th March 2015.

- Dr. A. Logamadevi participated and presented paper entitled “Edible vaccine” in the National level Conference organized by the Department of Tamil, NGM College, Pollachi on 6th march 2015.
- Dr. A. Logamadevi participated and presented paper entitled “A study on ethno medicinal practices used to treat captive elephants” in the National level seminar organized by the Saraboji College, Thanjavur on 6th July 2015.
- Dr. R. Kannan participated in the National level conference on “*Sanga Illakiyathil Malarkalin Payanpattu Pinpulam*” and presented paper entitled “*Agathini Malarkalum Iynthinai Nilaviyalum*” organized by the Department of Tamil, NGM College, Pollachi from 12th march 2015 to 14th March 2015.

M.Phil. & Ph.D. degrees awarded

- Viva-Voce examination conducted to award M.phil degree to Mr. V. Sivasankar (under the guidance of Dr A. Logamadevi) for his thesis on “A study on ethnomedicinal practices used to treat captive elephants” 23rd June 2014.
- Doctoral Committee meeting was conducted on 04.07.2014 for the Ph.D. part time scholar Ms. S. Renukadevi, pursuing research under the guidance of Dr. R. Kannan. Dr.T. Parimelazhgan, Professor of Botany, Bharathiar Unviersity convened the meeting.

Honour received

- Dr. R. Kannan has been honoured in the One day Seminar on “Prospects of Marine Sciences” organized by the Centre of Advanced Study in Marine Biology, Annamalai Unviersity on 9th May 2015 for obtaining Ph.D. from the Centre among the 500⁺ Ph.Ds over five decades - a world record in the field of Science.

Publications

- Ramya P., Neelamathi E., and R. Kannan., 2014. Species discrimination by DNA barcoding in the members of the Nyctaginaceae family. GenBank: KJ174286.1 - KJ174291.1

- Balamurugan J., Ajithkumar T., Kannan R., and H.D. Pradeep., 2014. Acclimatization behavior and biochemical changes during anemonefish (*Amphiprion sebae*) and Sea anemone (*Stichodactyla haddoni*) symbiosis. *Symbiosis*: **vol. 64-No1**.

Extra Curricular/ Extension activities:

- Staff members of the Department of Botany actively participated in the extension activity on “Fruits and vegetables preservation” jointly organized by the Departments of Chemistry, Botany and Zoology, NGM College, Pollachi on 9th January 2015.

Faculty development programmes:

- Dr. K. Rajalakshmi attended the refresher course on “Advances in Biochemical sciences and drug discovery” organized by the Academic Staff College, Madras university, Chennai from 12th November to 2nd December 2014.
- Dr. M. Latha Isabel attended the refresher course on “Environmental sciences” conducted by the Academic Staff College, Bharathiar University, Coimbatore from 3rd to 23rd Dec 2014.

Student participation:

- Students from final year B.Sc., Botany attended in the state level UGC sponsored workshop on “Vermi composting” organized by the the Department of Botany and Zoology, NGM College, Pollachi on 14th August 2014.

Academic audit/Commencement of new course

- Dr. Ahmed John, Associate Professor and Head, Department of Botany, Jamal Mohamed College, Trichy conducted an academic audit in the department on 7th March 2015.
- An Inspection commission has visited the department on 25th April 2015 to recommend for the introduction of M.Sc., Botany course. Dr. P.S. Mohan and Dr. S. Paulsamy inspected the department as Convenor and member respectively.

Field visits organized

- Dr. R. Kannan and Dr. A. Logamadevi accompanied the final year students of B.Sc., Botany for a field trip to Valparai for plant collection on 18th December 2014.
- Dr. E. Neelamathi, Dr. R. Rakkimuthu and Dr. M. Manimuthu accompanied I M.Sc., Botany students for a field visit to Gopalswamy hills, Anamalais on 6th August 2015 for vegetation study.

DEPARTMENT ACTIVITIES (June 2015- May 2016)

Guest lecturers organised/delivered:

- Dr. R. Kannan delivered a guest lecture at Sri Nehru Maha Vidhyalaya college, Malumichampatti , Coimbatore by the Department of Bioscience on 8th July 2015.

Participation in Seminars/symposia/workshops:

- Dr. R. Rakkimuthu participated in the Awareness workshop on “Prospects of food processing entrepreneurship and skill development initiatives by government of India” at SNMV College, Malumachampatti, Coimbatore on 23rd September 2015.
- Dr. M. Manimuthu participated in One day training programme on “Mushroom training and spawn production” at Kongunadu Arts and Science College, Coimbatore on 5th October 2015.
- Staff members of the Department of Botany participated in One day workshop on “ In house workshop and hands on training in plant biotechnology” organized by the Department of Botany, NGM College, Pollachi on 10th march 2016.

Paper/ Abstract submission and presentation in seminars:

- Dr. R. Kannan participated and presented a paper entitled “ E-Learning and Teaching: Innovations in higher educational institutions” in the National Conference organized by the Association of principals of colleges of Bharathiar University and UGC HRD centre on 1st august 2015.

- Dr. K. Rajalakshmi participated and presented a paper entitled “Invitro conservation of Zingiberales: A new perspective from direct and indirect somatic Embryogenesis of selected species of Zingiberaceae” in the international seminar organized by the University of Calicut, Kerala, Indian Association for angiosperm taxonomy and international association for plant taxonomy from 19th November 2015 to 21st November 2015.
- Dr. A. Logamadevi participated and submitted 2 Abstracts entitled “ Ethnoveterinary practices used in treating captive elephant’s P.8” and “Ethnogynacological plants of Thamapathi, pollachi TK P.9” in National seminar organized by the PSGR-Krishnammal college for women, Department of Botany on 5th and 6th January 2016.

Extra Curricular/ Extension activities:

- Dr. R. Kannan acted as a Judge for “*Veetuku oru vingnani*” programme jointly organized by Puthiya Thalaimuri TV channel and Park Institutions on 7th August 2015 held at Park’s College, Chinnkkarai, Tirupur campus.
- Staff members of the Department of Botany actively participated in the “International Yoga day” Celebrations organized by the Department of Human Excellence, NGM College, Pollachi on 21st June 2015.

Faculty development programmes:

- Dr. E. Neelamathi attended the Faculty development programme on “Man Making Education” organized by Kongunadu College of Arts and Science, Coimbatore on 4th July 2015.
- Dr. R. Rakkimuthu attended the Faculty development programme on “Environment audit of infrastructure, extension activity and institutional social responsibility” organized by the Nirmala college for women, Coimbatore on 30th October 2015.

Field visits organized:

- Dr. A. Logamadevi accompanied the final year students of B.Sc., Botany for a field trip to SACON – Coimbatore for Training in field botany, plant collection, Bird watching on 11th September 2015.
- Dr. R. Kannan, Dr. R. Rakkimuthu and Dr. M. Manimuthu accompanied I M.Sc., Botany students for the collection of algae to Rameswaram seashore on 24th August to 28th August 2015.
- Dr. A. Logamadevi accompanied final year B.Sc Botany students for field trip to Nirmala College for women to visit the lower plant garden, medicinal garden and Bioinformatics lab on 23rd January 2016.

DEPARTMENT ACTIVITIES (June 2016- May 2017)**Guest lecturers organised/delivered:**

- Dr. A. Logamadevi delivered a guest lecture on “*sanga ilakiyangalil malargalin payanpaatu pinpuram- punnai malar*” at Bharathiyar University Coimbatore on 4th August 2016.
- Dr. R. Kannan delivered a guest lecture on quality assurance in Higher Educational Institutions (HEI) in the orientation programme for the faculty members which was organised by the Department of Human Excellence, Placement cell and Academic for professional Development at NGM College on 2nd September 2016.
- Dr. R. Kannan delivered an invited lecture on “Autonomy and innovations” and “Documentation for Assessment and Accreditation” at Dr NGP Arts and science college on 3rd November 2016.
- Dr. R. Kannan delivered a special lecture on “Genetic matrimony” at ASC, Bharathidhasan University, Trichy on 17th November 2016.
- Dr. R. Kannan has delivered an invited lecture on Curriculum designing and instructional material development at SNR Sons College on 24th November 2016.

- Dr. R. Kannan delivered a special lecture on “Recent trends in Blue Biotechnology” at Selvamm Arts and science college, Nammakkal-03 on 6th January 2017.
- The Department of Botany organized the ATP 2016 guest lecture on “DNA Barcoding and Molecular phylogenetics” given by Dr. N. Senthil kumar, Department of Biotechnology, Mizoram, Mizoram University conducted by the Department of Botany, NGM College on 23rd December 2016.
- Dr. R. Kannan delivered a guest lecture on “Role of IQAC in improving the quality of higher education” at Vidyasagar college of Arts and science, Udumulpet on 15th February 2017.

Meetings:

- Dr. R. Kannan has attended the Board of studies meeting conducted at NGM College, Pollachi.
- Dr. R. Kannan has attended the Doctoral committee meeting at Government Arts College, Ooty.
- All staff members have attended Board of studies meeting at NGM College on 4th March 2017.

Participation in Seminars/symposia/workshops:

- D. Sowmiya participated in one day National level workshop on “Recent trends and advances in Bio-composting” conducted by the Department of Zoology, NGM College on 23rd December 2016.
- Mrs. H. Parveen sithara participated in guest lecture on “Cashless Economy” conducted by MCA, NGM College on 11th January 2017.
- D. Sowmiya and Mrs. H. Parveen sithara attended lecture workshop on ‘Science Academies’-“Glimpses of plant sciences” at Nirmala College for women, Coimbatore-641018 on 2nd and 3rd February 2017.
- The Department of Botany and Mr.C. Sundar jointly celebrated one day workshop on account of Diamond jubilee on the topic “organic terrace gardening” on 1st March 2017.
- Dr. A. Logamadevi has attended seminar on Conservation of Biotechnology conducted by Department of lifescience, Bharathiyar University on 9th March 2017.

- Dr. A. Logamadevi participated in National seminar on the topic “anaivarum nammavarae” conducted by the Thirumalai thirupathi taevasthanam and nallamuthu gounder , Mahalingam college” on 28th February 2017.

Paper/ Abstract submission and presentation in seminars:

- D. Sowmiya participated and presented a poster presentation entitled “ Green silver nanoparticles synthesis, characterization and applications of algae” in international conference on “Converging Biotechnological innovations in environmental welfare” organized by the Department of biotechnology, K.S.G College of arts and science , Coimbatore on 19th September 2016.
- Dr. A. Logamadevi presented a presentation in an International seminar on “Tamil ilakkiyangalil unavu muraikalum, virunthombalum” thoguthi-3, Annam pirammam vaenmurasu-magabaratham katum undatam, pg.no., 1444 to 1449 conducted by the tamil ilakiyathurai and new century book house niruvanam on 6th January 2017.
- Dr. A. Logamadevi presented a presentation in an International seminar on “Elangai tamilar parambariya unavu muraigal” thoguthi-2, pg.no., 559 to 564 conducted by the tamil ilakiyathurai and new century book house niruvanam on 6th January 2017.
- Dr. A. Logamadevi participated and presented a paper in an International Conference on “Naga valipaadu” organized by the collaboration of NGM College with tamil ilakkiyathurai and Chennai semmuthaai pathipagam on 17th March 2017.

Publications:

- M. Latha Isabel, A. Logamadevi, K. Rajalakshmi, E. Neelamathi and R. Rakkimuthu have published a book titled “A compendium of NGM college campus flora” on July 2016 and its ISBN number is 978-81-931646-9-3, published by infospringer publishing co.,.
- Dr. A.Logamadevi and Mr.C. Sundar edited a book “Iyarkai murai maadi thottam matrum veetu kaaikari thottam” and its ISBN is: 978-93-85267-19-2. On February 2017.

Intercollegiate visits:

- Dr. R. Kannan as an External examiner conducted the PhD viva- voce examination for Miss. Aroghya Arthi Rajathi at CAS in marine biology, Annamalai University on 9th September 2016.
- Dr. R. Kannan invited as an executive committee member for IQAC to join in the IQAC committee meeting organized by the IQAC, Dr NGP Arts and Science College on 27th September 2016.
- Dr. R. Kannan as an External examiner conducted the PhD viva- voce examination for Mr. Parthiban at CAS in marine biology, Annamalai University on 30th September 2016.

Extra Curricular/ Extension activities:.

- Dr. A. Logamadevi has arranged an awareness rally as part of “world elephant day celebrations” organized by the Department of Botany, NGM College, Anaimalai Tiger reserve- Topslip and Natural history trust – Ambarampalayam on 12th August 2016.

Faculty development programmes:

- D. Sowmiya participated in 3 days orientation programme for faculties ,organized by the Department of Human Excellence, placement cell and Academic for professional development on 1st, 2nd and 3rd September 2016.
- Dr. A. Logamadevi participated in 3 days training programme on “Plant Taxonomy” organized by the Institute of Forest Genetic and Tree Breeding, Coimbatore from 5th October 2016 to 7th October 2016.

- D. Sowmiya attended the faculty development programme on “Business Analytics using R” conducted by the SIIMS Business School, NGM College campus on 26th December 2016.
- The Department of Botany and V. Kiruba Nandhini, Salim Ali Institution for Ornithology has conducted an awareness programme on “E-bird count of Pollachi” on 6th January 2017.

Student participation:

- Students from Final year and second year B.Sc., Botany attended the One day *panai oolai payan porutkal payilaragam* on “Palmyra tree conservation and value added products from palm leaves” organized by the Department of Botany and pastor Godson Samuvel- Rasayani , Mumbai on 28th July 2016.
- Second year B.Sc., Botany students Priyadharsini and Pavithra have participated and won first prize in general quiz conducted by C. Malathi, Co-Ordinator, the Department of English on 9th January 2017.

Articles:

- Dr. A. Logamadevi published an article in Dhinamalar pattam daily on the topic “Types of tea” on 21st November 2016.
- Dr. A. Logamadevi published an article in Dhinamalar pattam daily on the topic “Pinnawala elephant orphanage- Srilanka” on 10th November 2016.
- Dr. A. Logamadevi published an article in Dhinamalar pattam daily on the topic “Hornbill festival of Nagaland” on 1st December 2016.
- Dr. A. Logamadevi published an article in Dhinamalar pattam daily on the topic “Carnivorous plants” on 9th December 2016.
- Dr. A. Logamadevi published an article in Dhinamalar pattam daily on the topic “Hottest chilli of the world- Infinity chilli (*Capsicum chinensis*)” on 21st December 2016.

- Dr. A. Logamadevi published an article in Dhinamalar pattam daily on the topic “Cancer train” Pg.no., 4 on 23rd January 2017.
- Dr. A. Logamadevi published an article in Dhinamalar pattam daily on the topic “Cube watermelon” Pg.no., 4 on 30th January 2017.

Field visits organized:

- Dr. A. Logamadevi, Dr. R. Rakkimuthu and D. Sowmiya accompanied final year B.Sc. Botany students for a field visit to Ooty Botanical garden for plant collection on 9th September 2016.