



## Dr. N.G.P. ARTS AND SCIENCE COLLEGE

(An Autonomous Institution, Affiliated to Bharathiar University, Coimbatore)  
Approved by Government of Tamil Nadu and Accredited by NAAC with 'A' Grade (2<sup>nd</sup> Cycle)  
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### Department Activities (2017-2018)

#### 1. Guest Lecture/Invited Lectures

S. No.	Date	Name and Designation of the Resource Person	Topic	Venue	Beneficiary
1	16-Aug-17	DR.P. Siddhuraju, Professor and Head, Department of Environmental Science, School of Life Sciences, Bharathiar University, Coimbatore.	Recent Trends in Environmental Sciences and Functional Ecosystem	Kambar Arangam	166
2	17-Aug-17	DR. K.Selvaraju, Assistant professor, Department of pharmaceuticals, KMCH College of Pharmacy, Coimbatore.	Pharmaceutical Technology	PG Seminar Hall	85
3	29-Aug-17	DR. P. Sundararaj, Assistant Professor, Department of Zoology, Bharathiar University, Coimbatore.	Caenorhabditis elegans – a Potential model of Drug Discovery	Kambar Arangam	179
4	30-Aug-17	DR. Mathish Nambiar-Veetil, Scientist E, Plant Biotechnology Division, Institute of Forest Genetics and Tree Breeding, Forest Campus, Coimbatore.	Transgenics and Genome Engineering – Applications in Forestry	UG Lab	110
5	02-Jan-18	Dr. S.Srinivasan, Technical Officer, Department of Cancer Biology and Therapeutics, The	Molecular Insights of Lipid- based antigen recognition	Seminar Hall VII	210

		John Curtin School of Medical research, ANU College of Health and Medicine, Australia National University.	by Natural Killer T-cells receptors		
6	07-Feb-18	Dr. M. Palanisamy, Scientist-D, Botanical Survey of India, Southern Regional Centre, TNAU Campus, Coimbatore.	Perspectives of Indian Seaweed Biodiversity	SEminar Hall VI	198

## 2. Seminars/Workshops/Conferences

S. No.	Date	Nature of the Event (Conference/Seminar/Workshop)	Number of External Participants	Title of the Event	Name & Designation of the Speakers	Name & Affiliation Chair & Co-chair	Funding Agency	Total Funding
1	28-Dec-17	National Conference		“Bioprospecting – Indian Perspectives, Challenges & Opportunities”	Prof. DR. V. Gopal, Mother Theresa Postgraduate and Research Institute of Health Sciences, Puducherry. DR. Geetha. N, University of Mysuru DR. P. M. Ayyasamy Periyar University Dr. Ranjith Kumavath Central University, KL Dr. P.K. Senthilkumar Annamalai University			
2	06-Dec-17	Alumni Student Interaction		Public Speaking Skills	Mr. G. Manoj Kumar, Journalist, News 7 Channel, Chennai			

3	13-Dec-17	Alumni Student Interaction		Career Opportunities in Bioinstrumentation Logistics	Ms. K. Bhuvaneshwari, Associate of Global Exports Team, VWR International LLC, Coimbatore			
4	02-Jan-18	Alumni Student Interaction		Higher Studies in Australia	Dr. S.Srinivasan, Technical Officer, Department of Cancer Biology and Therapeutics, The John Curtin School of Medical research, ANU College of Health and Medicine, Australian National University, Australia.			
5	28-Feb-18	Student Development Programme		Bio-innovate'18	DR.Harisaran Raj, Research officer, Spic Agro Biotech Centre, Pooluvapatti Post, Siruvani Road,Alandurai, Coimbatore			
6	27-Mar-18	Workshop		Nanodrop Operations	Incorp Solutions			

## 2. Extension Activity

S. No.	Date	Nature of the extension	Place	Students involved
1	10-Jan-17	Awareness program on Mushroom cultivation	Karuparayanpalayam	65

#### 4. Staff Publications

S. No.	Name of the Faculty	Title	Journal Name	ISSN / ISBN No. Date of publishing Vol. No.	Impact Factor	SCI/WoS/UGC/SSCI/Scopus
	Dr. S. Karthik	Antibacterial and antioxidant herbal nanoparticles produced from shells of <i>Jatropha curcas</i>	Advanced Nanobiomaterials and devices	1234:0000:1(1)-1-9	----	Scopus
1	Dr. S. Karthik	Larvicidal, super hydrophobic and antibacterial properties of herbal nanoparticles from <i>Acalypha indica</i> for biomedical applications	Royal Society of Chemistry	7:41763-41770	---	Scopus
2	Dr. S. Karthik	<i>Acalypha indica</i> -mediated green synthesis of ZnO nanostructures under differential thermal treatment: Effect on textile coating, hydrophobicity, UV resistance, and antibacterial activity	Advanced Powder Technology	28(12):3184-3194	-----	Scopus
3	Dr. Radha Palaniswamy	Bioabsorption of Copper by <i>S. platensis</i> from industrial effluent.	European Journal of Biomedical and Pharmaceutical Science	ISSN:2349-8870:4(7): 806-809. June 2017	---	UGC
4	Dr. Radha Palaniswamy	Spirulina – A Review on Nutritional Perspective	International Journal of Recent Scientific Research	ISSN: 0976-3031:8(9): 19825-19827 Sep2017	-----	UGC
5	Dr V. Shanmugaraju	A review on decolourization of Azo dye by micro-organisms	International Journal of Comprehensive Research in Biological	ISSN: 2393-8560:5(1):10-29. Jan 2018	----	----

			Sciences			
6	Dr V. Shanmugaraju	Bioprospecting of <i>Bacillus Pumilus</i> NGP-2 for the production of Proteinaceous $\alpha$ -Amylase Inhibitor	International Journal of Pharma & Bio sciences	ISSN0975-6299:8(3):70-	—	UGC
7	Dr. M. Shanmugavadivu	Green synthesis of silver nanoparticles using <i>Citrus reticulata</i> fruit peelaqueous extract and their antibacterial NIL activity	International Journal of Advanced Research	ISSN: 2320-5407:5(4):700-708.	----	-----