



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

An Autonomous Institution, Affiliated to Bharathiar University, Coimbatore  
Approved by Government of Tamil Nadu & Accredited by NAAC with 'A' Grade (2<sup>nd</sup> Cycle)

DST-FIST DBT-Star College Scheme

Dr. N.G.P.-Kalapatti Road, Coimbatore-641 048, Tamil Nadu, India.

### Template for Department Activities: (2016-17)

S. No.	Date	Name and Designation of the Resource Person	Topic	Venue	Beneficiary
1	30-Jun-16	Dr.Chandarsekar, Director Bioline Laboratories Ltd., Coimbatore	Bioentrepreneurship	Kambar Arangam	All the student of Microbiology
2	04-Jul-16	Ms. C. Brindha, DST Inspire Fellow, PSG College of Arts and Science, Coimbatore.	A play with ATGC and Deadly Viruses	Kambar Arangam	All the student of Microbiology
3	29-Jul-2016	Dr. Sentila Rajan (Alumni), BIRAC-UIC Post Doc Fellow, TNAU	Life Science - Question or Answer	Kambar Arangam	All the student of Microbiology
4	10-Jul-2016	Mrs. Binitha Bahuleyan (Alumni), Hygiene Officer, Qatar.	Job opportunities in Microbiology	Kambar Arangam	All the student of Microbiology
5	14-Dec-16	Dr.Chithra Thangavel, Research Coordinator, Ganga Research Foundation	Lab to Clinic-Translational Research	Kambar Arangam	All the student of Microbiology
6	17-Dec-16	Dr.Kalyan Kumar, Kavin Bioresource, Chennai	Different advanced microbiology training modules	Kambar Arangam	All the student of Microbiology
7	28-	Varatharaj.P	Tuberculosis Awareness	Seminar Hall	All the student of

	Dec-16	Senior Treatment Supervisor Revised National Tuberculosis Control Program (RNTCP) Coimbatore.	Programme	VI	Microbiology
8	21- Feb-17	Mr. R. Rajesh Kanna, Assistant Professor, Department of Computer Applications Dr. N.G.P. Arts and Science College Coimbatore.	Online classroom (Edmodo) training	Seminar Hall VI	All the student of Microbiology
9	24- Feb-17	Mr. Ravikumar Sethuraman (Alumni) VWR Internationals, Coimbatore.	Opportunities in Scientific Companies	Seminar Hall VI	All the student of Microbiology
10	13- Mar-17	Dr.V.K.Krishnamoorthy, Associate Professor, Dept of Microbiology, Mahatma Gandhi PG Institute of Dental Science, Pondicherry	Louis Pasteur Endowment Guest Lecture on “Oral Microbiome	Kambar Arangam 2.30PM	All the student of Microbiology
11	24- Mar-17	Dr. Karthic Rajamanickam, University of Saskatchewan, Canada	Alumni Interaction on ““Science Career and Research Prospects - Abroad”	Kambar Arangam 10.30am	All the student of Microbiology
12	05- Apr-17	Dr. S Sundaramoorthy, JNVYAS University, Jodhpur, Rajasthan.	Sustainable Development	PG Seminar Hall 11.00am.	All the student of Microbiology

### Seminar /Workshop Conferences organized

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	19.07.2016	Workshop	Students of Bioscience	Work shop on Immunology and molecular	Dr. Saravananperumal, Abbes Biotech ,	-	-	-

				techniques	Chennai			
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### Extension Activities

S. No.	Date	Nature of the extension	Place	Students involved
1	29-Dec-16	Enumeration of Microbial Load in various locations at Dr. N. G. P. Arts and Science College	Dr. N. G. P. Arts and Science College	III B.Sc.,
2	09-Jan-17	Awareness program on TB	General public at Ambedkar Nagar, Coimbatore	Students of Microbiology

### Staff Participation

S. No.	Date	Name of the Faculty	Name of the Workshop/FDP/Training Programme	College
1	02-Dec-16 and 03-Dec-16	Dr.S.S.Sudha	Conference	CII, Coimbatore
2	05-Oct-16 and 06-Oct-16	Dr.S.S.Sudha	DBT sponsored National Conference	Department of Biochemistry at Dr. N. G. P. Arts and Science College (Autonomous), Coimbatore.
3	12-Aug-16 and 13-Aug-16	Dr.S.S.Sudha	NAAC sponsored National Seminar	
4	06-Aug16	Dr.S.S.Sudha	Worshop	CII, Coimbatore
5	30-Jan-17	Dr. N. Vidhya	Workshop	Centre for research and Department of Chemistry,

6	05-Oct-16 and 06-Oct-16	Dr. N. Vidhya	DBT sponsored National Conference	Department of biochemistry at Dr. N. G. P. Arts and Science College (Autonomous), Coimbatore.
7	22-Aug16	Dr. N. Vidhya	ICMR sponsored symposium	Ganga Research and Education Foundation
8	05-Oct-16 and 06-Oct-16	Mr. E. Kumaran	DBT sponsored National Conference	Department of biochemistry at Dr. N. G. P. Arts and Science College (Autonomous), Coimbatore.
9	10-May-17 to 30-May-17	Mr. E. Kumaran	UGC sponsored Summer Programme	UGC – Human Resource Development Centre, Bharathiar University
10	05-Oct-16 and 06-Oct-16	Dr. J. Renga Ramanujam	DBT sponsored National Conference	Department of biochemistry at Dr. N. G. P. Arts and Science College (Autonomous), Coimbatore.
11	30-Jan-17	Dr. J. Renga Ramanujam	Workshop	Centre for research and Department of Chemistry,
12	05-Oct-16	Mr. S. Senthil Prabhu	DBT sponsored National Conference	Department of biochemistry at Dr. N. G. P. Arts and Science College (Autonomous), Coimbatore.
13	30-Jan-17	Mr. S. Senthil Prabhu	Workshop	Centre for research and Department of Chemistry,
14	12-Aug-16 – 13-Aug-16	Dr. D. Geetharamani	NAAC sponsored National Seminar	Amrita University, Coimbatore.
15	05-Oct-16 and 06-Oct-16	Dr. D. Geetharamani	DBT sponsored National Conference	Department of biochemistry at Dr. N. G. P. Arts and Science College (Autonomous), Coimbatore.
16	30-Jan-17	Dr. D. Geetharamani	Workshop	Centre for research and Department of Chemistry,
17	05-Oct-16 and 06-Oct-16	Mrs. C. Sasikala	DBT sponsored National Conference	Department of biochemistry at Dr. N. G. P. Arts and Science College (Autonomous), Coimbatore.
18	18-Oct-16 – 19-Oct-16	Mrs. C. Sasikala	National level technical symposium	department of Biosciences and technology, Karunya University
19	30-Jan-17	Mrs. C. Sasikala	Workshop	Centre for research and Department of Chemistry,

20	05-Oct-16 and 06-Oct-16	Dr. Nisha Jayasankar	DBT sponsored National Conference	Department of biochemistry at Dr. N. G. P. Arts and Science College (Autonomous), Coimbatore.
21	22-Aug-16	Dr. Nisha Jayasankar	ICMR sponsored symposium	Ganga Research and Education Foundation
22	22-Aug-16	Dr. N. Vijayarani	ICMR sponsored symposium	Ganga Research and Education Foundation
23	21-Dec-16	Dr. N. Vijayarani	Sponsored	P.S.G.R Krishnammal College for Women, Coimbatore
24	30-Jan-17	Dr. N. Vijayarani	Workshop	Centre for research and Department of Chemistry,
25	05-Oct-16 and 06-Oct-16	Dr. N. Vijayarani	DBT sponsored National Conference	Department of biochemistry at Dr. N. G. P. Arts and Science College (Autonomous), Coimbatore.
26	05-Oct-16 and 06-Oct-16	Dr. A. M. Ramachandran	DBT sponsored National Conference	Department of biochemistry at Dr. N. G. P. Arts and Science College (Autonomous), Coimbatore.
27	30-Jan-17	Dr. A. M. Ramachandran	Workshop	Centre for research and Department of Chemistry,

### Students Presentation

S. No	Date	Name of the Student	Event	Venue
1	17-Jun-16 to 24-Jun-16	P. Saranya sri	International Youth Exchange Programme 2016	China
2	14-Jul-16	Renuka Navaneethan and S.Pavithra	Connection in Interdepartmental competitions	Department of Computer Technology, Dr.N.G.P.Arts and science college

## Staff Publication

Sl.No	Name of Author	Paper Title	Journal Name	Month & Year	Vol & Issue No	Impact Factor
1	Devakumar J, Keerthana V, Sudha SS*	Identification of Bioactive Compounds by Gas chromatography-Mass Spectrometry analysis of <i>Syzygium jambos</i> (L.)	Asian Journal of Pharmaceutical and Clinical Tesearch	Jan 2017	10(1)	0.4
2	Devakumar. J and Sudha S.S*	<i>In vitro</i> Phytochemical, Antioxidant and Cytotoxic Evaluation of <i>Syzygium jambos</i> L. (Alston)	Journal of Pharmacy Research	Mar 2017	11(3)	0.5
3	S. Anitha and S.S Sudha,	Ghats of Nilgiri district for the production of antibiotics to alleviate the resistance problem of newly emerging microbes	IAAM proceedings 2016	Sep 2016	--	--
4	Devakumar. J & Sudha.S.S.	<i>In vivo</i> early malarial parasite suppression activity of <i>Syzygium jambos</i> from Western Ghats region, Coimbatore	IAAM proceedings 2016	Sep 2016	--	--
5	Keerthana V and Sudha S.S	Antibacterial activity and Mycelial growth inhibition of three different plants	IAAM proceedings 2016	Sep 2016	--	--
6	S.Senthil Prabhu and S.S. Sudha	Invitro study on Anthelmintic activity of <i>Heterodermia boryi</i> macrolichen collected from the Nilgiris, Tamilnadu, India.	<i>International Journal of Current Microbiology and Applied Sciences</i>	Sep 2016	5(9), 764-768	--
7	L .Durga devi and N.Vidhya	Biodegradation of Hexavalent Chromium in Contaminated Gricultural Soil By the use of Bacterial Strains	IAAM proceedings 2016	Sep 2016	--	--
8	Kumaran .E and Pavithra Gayathri .K	Microbial Protease Production and Biomimetic Synthesis of Silver	IAAM proceedings 2016	Sep 2016	--	--

		Nanoparticles from Fish Waste and its application as Destaining and Antifouling Agent				
9	J. Rengaramanujam, J. Radha and C. Sathyajothi	The detection and treatment strategy for microorganisms with extended spectrum $\beta$ -lactamases (ESBL) and AmpC $\beta$ -lactamase Producers in hospital	IAAM proceedings 2016	Sep 2016	--	--
10	Senthil Prabhu. S and K. Sivasubramanian	Antifungal activity of some plant extracts against selected phytopathogens	IAAM proceedings 2016	Sep 2016	--	--
11	Mangaiyarkarasi.A, Geetha ramani.D*, Helen Lawrence.G and Naveena .M	A study on seasonal variation and algal biodiversity in Sular pond, Coimbatore, Tamil nadu.	International Journal of Pharma and Bio Sciences	Jul 2017	8 (3), 580-591	0.36
12	Mangaiyarkarasi.A, Geetha ramani.D* and Naveena .M	Optimization of fertilizer based media for the Cultivation of <i>Scendesmus</i> species.	International Journal of Pharma and Bio Sciences	Jul 2017	8 (3), 615-621	0.36
13	Mohanapriya Rangasamy and Geetharamani Durairaj	Optimisation of cultural conditions of freshwater oleaginous <i>Chlamydomonas</i> sp for biodiesel production	IAAM proceedings 2016	Sep 2016	--	--
14	Sasikala C and Geetharamani D.	Antimicrobial activity of Seaweeds against Human pathogenic Organisms	IAAM proceedings 2016	Sep 2016	--	--
15	Sasikala C and Geetharamani D.	Antimicrobial activity of Seaweeds against Human pathogenic Organisms	IAAM proceedings 2016	Sep 2016	--	--
16	Nisha S Panicker and Raja Bala Vignesh	Isolation, Optimisation and Phytotoxic evaluation of orange pigment isolated from soil bacteria P1	IAAM proceedings 2016	Sep 2016	--	--
17	Dr. N.Vijayarani,	Production and optimisation of L-Arginine deaminase enzyme from Fungus	IAAM proceedings 2016	Sep 2016	--	--
18	Dr. Ramachandran. AM	Environmental Bacterial isolates from	IAAM proceedings	Sep	--	--

		production area and water system of a Pharmaceutical Industry and their Antibioqram	2016	2016		
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### Staff Internship

S. No.	Name of the Faculty	Name of the Internship/Fellowship	Duration	Venue
1	Dr. J. Renga Ramanujam	INSA fellowship	two months	Alagappa University Karaikudi.
2	Mr. E. Kumaran, Assistant Professor (SG)	UGC sponsored Summer Programme Refresher Course	10-May-17 to 30-May-17	UGC – Human Resource Development Centre, Bharathiar University

### Research Funding

S. No.	Name of the Faculty	Name of the project / scheme	Sanction No. and Date	Funding body	Amount
1	Dr. S. S. Sudha	Awareness of Zika viral infection among rural people in and around Coimbatore	26-Apr-17	Tamilnadu State Council for Science and Technology under the Student Project Scheme 2016 - 17	Rs. 10,000/-
2	Dr. S. S. Sudha	Awareness and Prevention of High risk behavior Among Youth	15-Feb-16 and 16-	Rajiv Gandhi National	Rs1, 50,000/-



			Feb-16	Institute of youth development	
3	Dr. J. Renga Ramanujam	A study on efficacy of coir Pith medium for mass cultivation of white (wood) rot fungi and mass production of ligninolytic enzymes An environmental remedy on industrial value	26-Apr-17	Tamilnadu State Council for Science and Technology under the Student Project Scheme 2016	Rs. 10,000/
4	Mr. S. Senthil Prabhu	Silver nanoparticles/Zeolite impregnated paper coir pith and coir fiber filters for Point of use water purification and their antibacterial activity	26-Apr-17	Tamilnadu State Council for Science and Technology under the Student Project Scheme 2016	Rs. 10,000/
5	Mrs. C. Sasikala	Screening for antimicrobials of seaweeds from coastal area of south India against plant pathogens	26-Apr-17	Tamilnadu State Council for Science and Technology under the Student Project Scheme 2016 - 17	Rs. 10,000/-
6	Dr. N. Vijayarani	Anticancer effect of L Arginine deiminase from fungus in mitigating arginine in Hela cancer cell line	26-Apr-17	Tamilnadu State Council for Science and Technology under the	Rs. 10,000/-

				Student Project Scheme 2016 - 17	
7	Dr. J. Renga Ramanujam	UGC Minor Research Project	2016 to 2018	UGC	Rs. 1, 15, 000/-

### Staff / Student Consultancy

S. No	Name of the staff	Area of Consultancy	Place where Consultancy was offered	Period	Amount	No. of trainee
1	Mr.S. Senthil Prabhu Mrs.C. Sasikala Dr.A.M. Ramachandran Dr. Nisha Jayasankar	Hands training in Microbial techniques	JSS Institute of Naturopathy and Yogic Sciences II year Bachelor of Naturopathy and Yogic sciences	2017	Rs.10,000/-	25
2	Mr.J.Devakumar	Antibacterial Assay	Mrs. Prema, Govt. Arts College, Coimbatore	2017	Rs. 3000/-	1
3	Dr.S.S.Sudha	Antibacterial Assay	Mrs Kavitha, CDF, DR.N.G.P.ASC	2017	Rs. 6000/-	1

### Students Participation

S. No.	Date	Name of the Students	Event	College	Inter Collegiate / Inter Departmental	Prizes won
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1	2016-17	Ms. Saranya Sri	Representative of India, International Youth Exchange Programme 2016,	--	Ministry of Youth Affairs and Sports, Govt. of India and Republic of China	National Representation
2	2016-17	Mr. P. V. Anto	Student Chairman	--	--	--