



## 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.

### Department Activities: (Academic year 2016-17)

#### 1. Guest Lecture/Invited Lecture

S. No.	Date	Name and Designation of the Resource Person	Topic	Venue	Beneficiary
1	23-Jun-16	Dr.S.Suja, Bharathiar University, Coimbatore.	“Opportunities in Biochemistry	Kambar Arrangam, Dr.N.G.P Arts and Science College	UG and PG Biochemistry Students
2	14-Jun-16	Dr.Jannet vennila, Karunya University, Coimbatore.	“Periodontitis: A risk factor of Rheumatoid Arthritis”	Valluvar Arrangam, Dr.N.G.P Arts and Science College	UG and PG Biochemistry Students
3	11-Jun-16	Dr.P.Chinnaswamy, Medicine,Kovai Medical Center & Hospital (KMCH), Coimbatore.	“Opportunities in Biochemistry	Kambar Arrangam, Dr.N.G.P Arts and Science College	UG and PG Biochemistry Students
4	07-Feb-17	Prof.N.Senthil Kumar, Department of Biotechnology, Mizoram University.	Contemporary Areas in Bio-informatics”	Kambar Arrangam, Dr.N.G.P Arts and Science College	UG and PG Biochemistry Students
5	10-Mar-17	Dr. Paturu Kondaiah Department of Molecular Reproduction,	Genome based Studies for the	Kambar Arangam	UG and PG Biochemistry Students

		Development and genetics Indian Institute of Science Bangalore	identification of therapeutic targets in cancer	Dr.N.G.P Arts and Science College	
6	10-Mar-17	Prof. Ir. Estri Laras Arumingtyas Department of Biology University of Brawijaya Malang, Indonesia.	“Molecular Marker for assessing Plant Diversity and Property ”	Kambar Arangam Dr.N.G.P Arts and Science College	UG and PG Biochemistry Students
7	10-Mar-17	Dr. Ir. Joni Kusnadi Technical Manager Central Laboratory of Life Sciences University of Brawijaya Malang, Indonesia.	“Fermented Soybean and its Functional and Medicinal Effects”	Kambar Arangam Dr.N.G.P Arts and Science College	UG and PG Biochemistry Students

## 2. Seminar /Workshop Conferences organized

S. No.	Date	Nature of the Event  (Conference/ Seminar/ Workshop )	Number of External Participa nts	Title of the Event	Name & Designation of the Speakers	Name & Affiliation Chair & Co-chair	Fundin g Agency	Total Funding
1	5-Oct- 16 & 6- Oct-16	Conference		DBT sponsored National Conference Changing Disease Profile: Challenges facing basic and Translational Cancer Research	Dr. Gopal C. Kundu Scientist-G (Professor) National Center for Cell Science Pune 411 007, India		DBT	
					Moinak Banerjee M.Sc., Ph.D Scientist F			

					Human Molecular Genetics Laboratory Rajiv Gandhi Centre for Biotechnology Thiruvananthapuram Kerala, India, 695 014			
					Dr. K. Swaminathan, KMCH Research Foundation, Coimbatore			
					Dr. Vikrant. M. Bhor Scientist 'D' Molecular Immunology & Microbiology Division, National Institute for Research in Reproductive Health, Parel, Mumbai.			
					Dr.Varadharajn Sundaramurthy, NCBS, Bangalore.			
					SACHIDANAND SINGH, M.Tech., Ph.D. Assistant Professor, (Young Scientist-SERB, Government of India), Department of Bioinformatics, School of Biotechnology and Health Sciences			

					Karunya University, Coimbatore – 641114,			
					Dr.R.V. Omkumar, Scientist F Molecular Neurobiology and Genetics RGCB, Thiruvannathapuram.			
					Dr. Parthiban. K.V Scientist Department of Neurological Sciences, Christian Medical College, Vellore			
2	15-Sep- 16 & 16-Sep- 16	Lecture Workshop	150	Science Academies Lecture Workshop Trends in Modern Biology	Dr.K.Veluthambi Professor (Rtd) UGC-BSR Faculty Fellow School of Biotechnology Madurai Kamaraj University, Madurai		Science Acade mies	
					Dr. Sandeep Easwarappa Assistant Professor, Department of Biochemistry. Indian Institute of Science, Bangalore			
					Dr.Deepak Saini Assistant Professor, Department of Molecular			

					Reproduction, Development and Genetics, Indian Institute of Science, Bangalore			
					Dr.Ravi Sundaresan Assistant Professor, Department of Microbiology and, cell Biology Indian Institute of Science, Bangalore			
					Dr.Anju Chadha Professor, Department of Biotechnology and NCCR, Indian Institute of Technology, Madras			
					Dr. Balaji Jayaprakash Assistant Professor, Centre for Neuroscience Indian Institute of Science, Bangalore			
3	26- Dec-16 to 30- Dec-16	INSPIRE Science Camp 2016	150		Dr.P.Kolandaivel Professor and Head Department of Physics,School of Physical Sciences Bharathiar University		DST	9,75,000
					Dr.P.Kandaswamy Visiting Fellow Research Center for			

					Energy Conversion Systems Department of Mechanical Engineering Doshisha University,Japan			
					Dr.V.Subramanian Senior Principal Scientist Chemical Laboratory CSIR-Central Leather Research Institute,Adyar,Chennai			
					Prof.R.Ramaraj, CSIR-Emeritus Scientist School of Chemistry,Madurai Kamaraj University, Madurai			
					Dr.T.J.Pandian Visiting Professor, CAS in Marine Biology Annamalai University,India			
					Dr.M.N.Ponnuswamy Professor Department of Crystallography and Biophysics University of Madras,Chennai			
					Dr.P.Gautam Professor and head			

					Department of Biotechnology Director-Center for Biotechnology Anna University			
					Dr.Maithili Sharan Professor Center for Atmospheric Sciences Indian Institute of Technology New Delhi			
					Dr.K.Kumaraswamy UGC-BSR Emeritus Professor Department of Geography Bharathidasan University Tiruchirappalli			
					Group Captain Dr.Rajeev Majan, Scientific Advisor, Earth &Atmospheric Sciences Division of Science & Engg Research Board,A Statutory Body of DST			
					Dr.V.Kannan, Professor-School of Mathematics and statistics University of Hyderabad,Hyderabad			
					Prof.M.Lakshmanan Professor of eminence			

					and DAE Raja Ramanna Fellow			
					Dr.A.Subbiah Pandi Joint Director of Collegiate Education Dharmapuri Region Dharmapuri			

### 3. Extension Activities

S. No.	Date	Nature of the extension	Place	Students involved
1	15-Jul-16	Blood Group Identification  Conducted By Dept of Biochemistry & NSS	Room No :1111  B Block  Dr.N.G.P ASC, Cbe	Students  1720
2	23-Aug-16 to 26-Aug-16	Health Camp  Conducted By Dept of Biochemistry, Department of N&D  KMCH College of Nursing	Seminar Hall -III  D Block	Students  1720
3	22-Feb-17	Awareness camp on  defects caused by carbonated cool drinks, effects of mobile phone usage, awareness on cancer prevention, science behind ancient Indian belief and diseases caused by mosquitoes	Dr.N.G.P Arts and Science College	Students  250
4	28-Feb-17	National Science Day Celebration –theme	Panchayat Union	50



		includes changing earth, science for national building and health management	Middle School, Nehru nagar	
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#### 4. Staff Participation

S. No.	Date	Name of the Faculty	Name of the Workshop/FDP/Training Programme	College
11 1	24-Aug-16	r.S.Balasubramanian	Prospects of Bioscience, Science Academies Lecture Workshop	Hindustan College of Arts and Science, Coimbatore
	01-Sep-16 & 02-Sep-16		Biodiversity and Bioremediation, Science Academies Lecture Workshop	Karpagam University, Coimbatore.
	30-Jan-17		Analysis of Spectra, Workshop	Center for Research Dr.N.G.P Arts and Science College, Coimbatore
	09-Jan-17 & 10-Jan-17		Bio-prospecting the Bio-wealth, Science Academies lecture workshop	Karpagam University, Coimbatore
2	20-Sep-16	Dr.S.Gowri	Natural therapeutics, National level conference	Kongunadu Arts and Science College
	27-Sep-16 & 28-Sep-16		Scenario in Biological innovations, International conference	Bharathidasan Arts and Science College, Coimbatore
	30-Jan-17		Analysis of Spectra, Workshop	Center for Research Dr.N.G.P Arts and Science College,

				Coimbatore
3	15-Dec-16 & 16-Dec-16	Dr. V. Usha	Technology Enablement for outcome based education, NAAC Sponsored two day National Workshop	PSGR Krishnammal College for Women, Coimbatore
	30-Jan-17		Analysis of Spectra, Workshop	Center for Research Dr.N.G.P Arts and Science College, Coimbatore
4	06-Sep-16	Dr.N.Kannikaparameswari	DNA amplification and gene expression analysis, National level hands on training	Kongunadu Arts and Science College
	20-Sep-16		Natural therapeutics, National level conference	Kongunadu Arts and Science College, Coimbatore
	27-Sep-16& 28-Sep-16		Scenario in Biological innovations, International conference	Bharathidasan Arts and Science College, Coimbatore
	30-Jan-17		Analysis of Spectra, Workshop	Center for Research Dr.N.G.P Arts and Science College, Coimbatore
	24-Jan-17		Biotechnology Ignition Grant , National Seminar	Department of Biomedical engineering, Dr. NGP Institute of Technology, Coimbatore
5	06-Sep-16	Dr.T.Indhumathi	National level hands on training	Kongunadu Arts and Science

				College, Coimbatore
	30-Jan-17		Analysis of Spectra, Workshop	Center for Research Dr.N.G.P Arts and Science College, Coimbatore
	24-Jan-17		Biotechnology Ignition Grant , National Seminar	Department of Biomedical engineering, Dr. NGP Institute of Technology, Coimbatore
6	06-Sep-16	Dr.K.Rajathi	National level hands on training	Kongunadu Arts and Science College
	21-Oct-16 & 22-Oct-16		Quality Enhancement in HEIs by the effectiveness of academic and administrative audit issues and challenge, NAAC sponsored Two day workshop	SNR Sons College, Coimbatore
	30-Jan-17		Analysis of Spectra, Workshop	Center for Research Dr.N.G.P Arts and Science College, Coimbatore
	24-Jan-17		Biotechnology Ignition Grant , National Seminar	Department of Biomedical engineering, Dr. NGP Institute of Technology, Coimbatore
7	01-Sep-16 & 02-Sep-16	Dr.C.Venkatesan	Biodiversity and Bioremediation, Science Academies Lecture Workshop	Karpagam University, Coimbatore.
	30-Jan-17		Analysis of Spectra, Workshop	Center for Research Dr.N.G.P Arts and Science College, Coimbatore
8	27-Sep-16		Spawn production and mushroom	Kongunadu Arts

		Dr. D. Pradeepa	cultivation, Hands on Training	and Science College, Coimbatore
	21-Oct-16 & 22-Oct-16		Quality Enhancement in HEIs by the effectiveness of academic and administrative audit issues and challenge, NAAC sponsored Two day workshop	SNR Sons College, Coimbatore
	24-Jan-17		Biotechnology Ignition Grant , National Seminar	Department of Biomedical engineering, Dr. NGP Institute of Technology, Coimbatore

## 5. Staff Presentation

S. No.	Date	Name of the Faculty	Name of the Conference	Name of the title	College
1	20-Sep-16	Dr.S.Gowri	National level conference	Natural therapeutics	Kongunadu Arts and Science College
2	27-Sep-16 & 28-Sep-16	Dr.S.Gowri	International conference	Scenario in Biological innovations	Bharathidasan Arts and Science College
3	20-Sep-16	DR. T.Indhumathi	National level conference	Natural therapeutics	Kongunadu Arts and Science College
4	27-Sep-16 & 28-Sep-16	DR. T.Indhumathi	International conference	Scenario in Biological	Bharathidasan Arts and Science

				innovations	College
5	20-Sep-16	Dr.K. Rajathi	National level conference	Natural therapeutics	Kongunadu Arts and Science College
6	27-Sep-16 & 28-Sep-16	Dr.K. Rajathi	International conference	Scenario in Biological innovations	Bharathidasan Arts and Science College
7	20-Sep-16	Dr. D. Pradeepa	National level conference	Natural therapeutics	Kongunadu Arts and Science College
8	20-Sep-16	Dr.C.Venkatesan	National level conference	Natural therapeutics	Kongunadu Arts and Science College
9	27-Sep-16 & 28-Sep-16	Dr.C.Venkatesan	International conference	Scenario in Biological innovations	Bharathidasan Arts and Science College

## 6. Students Presentation

S.No.	Date	Name of the student	Name of the event	Name of the title	College
1.	05-Oct-16 to 06-Oct-16	M.Meena R.Rajeshkumar R.Suman K.Kalaimathi Kanimozhi.P	DBT sponsored National Conference on Changing Disease profile: Challenges facing basic and translational cancer research	Paper and Poster Presentation	Department of Biochemistry, Dr.N.G.P Arts and Science College, Coimbatore.

		Jessin George			
2.	27-Sep-16 to 28-Sep-16	R.Suman K.Kalaimathi M.Meena R.Rajeshkumar Kanimozhi.P J.Abinaya K.Srinithi C.Venkateshwari S.Vinoth	International conference on Scenario in Biological innovations	Paper and Poster Presentation	Bharathidasan Arts and Science College, Coimbatore.
3.	20-Sep-16	R.Suman K.Kalaimathi M.Meena R.Rajeshkumar Shilaka Prasanth T.S.Sruthi A.Karpagajothi Mavuniq.S	National level conference on Natural therapeutics	Paper Presentation	Kongunadu Arts and Science College, Coimbatore.
4.	17-Aug-16	Kanimozhi.P Jessin George	National conference on “Food Processing and Technology (Igniting India) – Towards Entrepreneurship	Poster presentation entitled Probiotics and Health	Department of Nutrition and Dietetics, Dr. N.G.P Arts and Science College
5.	17-Aug-16	Suman, R and Pratheep, M	National conference on “Food Processing and Technology (Igniting India) – Towards Entrepreneurship	Paper Presentation	Department of Nutrition and Dietetics, Dr. N.G.P Arts and Science College

## 7. Staff Publication

S. No.	Name of the Faculty	Title	Journal Name	ISSN / ISBN No. Date of publishing Vol. No.	Impact Factor	SCI/WoS/ UGC/SSC I/Scopus
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1	<b>Kannikaparameswari</b>	In vitro cytotoxicity testing of biosynthesised silver nanoparticle of <i>Andrederacordifolia</i> in Prostate Cancer Cells(PC-3)	European Journal of Pharmaceutical and Medical Research	ISSN 2394-3211 Vol 4, Issue 1, Page Nos.401-407, 2017		UGC indexed Journal
2	<b>Dr. K. Rajathi</b>	In vitro cytotoxicity testing of biosynthesised silver nanoparticle of <i>Andrederacordifolia</i> in Prostate Cancer Cells(PC-3)	European Journal of Pharmaceutical and Medical Research	ISSN 2394-3211 Vol 4, Issue 1, Page Nos.401-407, 2017		UGC indexed Journal

#### 8. Staff / Student Consultancy

S. No.	Name of the Staff / Student	Area of Consultancy	Duration	Place where Consultancy was offered	Amount
1	<b>Dr.S.Gowri</b>	<b>UV Visible Spectrophotometry for</b>	<b>Four days</b>	<b>Government Arts College</b>	<b>Rs.800</b>

		<b>synthesized Silver Nanoparticles</b>			
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## 9. Co-curricular Activities

S. No.	Name of the Student	Name of the Event	Date	Venue	Prize won
	Vinoth Kumar. P	Special Camping Programme	06-Jan-17-12-Jan-17	Kalapatti, Coimbatore	-
	Thangamani. D	Special Camping Programme	06-Jan-17-12-Jan-17	Kalapatti, Coimbatore	-
	Shanmathi. S.V	Special Camping Programme	06-Jan-17-12-Jan-17	Kalapatti, Coimbatore	-

## 10. Students Participation

S. No.	Date	Name of the Students	Event	College	Inter Collegiate / Inter Departmental	Prizes won
1.	25-Feb-17	Moulikrishna D, Aadhityan T, Logeshwaran S, Nandakumar R Santhosh P	Tooth brush art and story building competition	“CASCALL 2017” at PSG CAS, Coimbatore	Intercollegiate	Participation
2.	22-Feb-17	M. Meena	Paper Presentation	Center for Research, Dr. N.G.P Arts and Science College	Interdepartmental	Participation
3.	12-Feb-17	P. Kanimozhi, S. Indhumathy K. Bhuvaneshwari	cookery competition and Quiz	Dept. of Information Technology, Dr. N.G.P Arts and Science College	Interdepartmental	Participation
4.	12-Jan-17	P.Kanimozhi S.Indhumathi	Poster Presentation	Department of International Business Dr. N.G.P Arts and Science College	Interdepartmental	Third Prize



5.	09-Jan-17 to 10-Jan-17	Karpagajothi A, Mavuniq S, Bhuvaneshwari K, Priyanka K, Suvetha M, Laxmipriya K Haripriya K Visithra T, Arulmeena S Selvelakshmi N	Science Academies lecture workshop on “Bio- prospecting the Bio-wealth”	Karpagam University, Coimbatore	Intercollegiate	Participation
6.	06-Jan-17	Kalaimathi K and Suman R of I M.Sc., Biochemistry, Jessin George, P. Kanimozhi and S. Indhumathy of III B.Sc., Biochemistry	Poster presentation (Talent cache)	Department of Microbiology Dr. N.G.P Arts and Science College	Interdepartmental	Participation
7.	23-Dec-16	Kavya.G Deepika.T	Tamil Sol Arivom	NGP FEST 2016 Dr.N.G.P Arts and Science College, Coimbatore	Interdepartmental	Participation
8.		Sedhuraman.S	Tamil Poetry			
9.		Bhuvaneshwari.K	Short Story writing			
10.		Kavya.G Sedhuraman.S	Turn Coat Debate			
11.		Ashique Hamza.P.M Bhuvaneshwari.K	Quiz			
12.		MavuniQ.S	Solo Song			
13.		Mavuniq.S Karpagajothi.A	Paper Art			
14.		Indhu.R	Ice Cream sticks modeling			

15.		Kanimozhi.P	Cartooning			
16.		Prakasam.V	Spot Photography			
17.		Sruthi.T.S	Solo Dance			
18.		Abuthakir.K Rasa.S Suman.R Rajesh Kumar.R Pradeep.M Indhumathi.S Bhuvaneshwari.B.A Sabari.P	Comedy Skit			
19.		Kalaimathi.K Prasanya.C Kanimozhi.P Nega.S Shobika.S Divin Dravid.V Nandha Kumar.R Jithendran.R	Group Dance			
20.	20-Dec-16 to 21-Dec-16	Anishma Vijayan D.Soniya S.Vinoth R.Rajesh Kumar P.Bharathi M.Surya Prabha K.Abuthakir K.Aparna K.M.Aishwarya Sanki Khoiyang	Science Academies Lecture Workshop on Impact of life sciences in 21 <sup>st</sup> century	Department of Zoology, PSGR Krishnammal College for Women	-	Participation
21.	15-Dec-16 to 16-Dec-16	Alphonsa.A Shamna.K.V Sathish Kumar.S Kathirvel.A M.Ramaya Srinithi.K	Science Academies Lecture workshop on Prospects in Biosciences	Department of Biochemistry, Bharathiar University, Coimbatore	-	Participation

		Sruthi.T.S M.Milten Samuvel R.Balakumar M.Pradeep				
22.	21-Sep-16	Kanimozhi.P Jessin George	Poster	Department of Computer Science, Dr. N.G.P Arts and Science College, Coimbatore.	Inter departmental	Third Prize
23.		Haripriya, K Suvetha	Connections			Participation
24.		Muthubharathi.M Richa.R	Connections			Second Prize
25.		Prakasam.V Francis Bonafice Preethi Susan	Crazy Minds			Participation
26.		Karpagajothi.A Mavuniq.S	Poster			First Prize
27.	20-Sep-16	Karpagajothi.A Mavuniq.S	Poster	Kongunadu Arts and Science College, Coimbatore.	Intercollegiate	Second Prize
28.	16-Sep-16 to 17-Sep-16	Shamna.K.V Kathirvel.A Sathish Kumar.S	Lecture Workshop on Recent Developments in Biochemistry	Kongu Arts and Science College	-	Participation
29.	22-Aug-16	Nandhakumar, R	Cultural event	Coddisia trade fair complex	Coimbatore Book Fair -2016	Participation
30.	22-Aug-16	Srinithi, K Sruthi, T.S	Genetics, genomics, Proteomics: Applications in clinical research	Ganga Hospital	Intercollegiate	Participation
31.	17-Aug-16	Nandhakumar, A Prakasam V	Poster Presentation in Brave Bharath – 2016	Department of International Business, Dr. N.G.P Arts and Science College	Inter Departmental	Participation
32.		Dinesh, V, Francis	Quiz in Brave			

		Boniface, J Raagul, C Bhuvaneshwari, K	Bharath – 2016			
33.		Haripriya, K, and Mavuniq, S	Pencil Sketching in Brave Bharath – 2016			
34.	15-Aug-16	Harshini N	Tamil poetry	Dr. N.G.P Arts and Science College	Inter Departmental Independence day Competitions	First
35.		Nandahakumar R	Solo Dance			First
36.	19-Jul-16	Mavuniq S, Bhuvaneshwari K	Oratorical in International day against drug abuse and illicit trafficking	Department of Hospital Administration, Dr. N.G.P Arts and Science College	Inter Departmental	First
37.		Karpagajothi A, Dhamodharan, R				Second
38.	14-Jul-16	Karpagajothi A. Mavuniq S	Paper Presentation In New innovations in Science and Technology	Dept. of Computer Technology, Dr. N.G.P Arts and Science College	Inter departmental	First
39.		Annie Figaredo, Saranya R	Connections in New innovations in Science and Technology			First
40.	13-Jul-16	Bhuvaneshwari.K K.Priyanka Sabari, Preethi Susan B	Quiz	Department of Commerce with Professional Accounting, Dr. N.G.P Arts and Science College	Inter departmental	Participation
41.		Shobika, Soniya	Connections			
42.		Karpagajothi A,Francis	Spell Bee			
43.		Mavuniq S	Best Manager			
44.	21-Jun-16	S.Nega	Mega yoga program	Bharathiar University	Inter Collegiate	Participation

**11. MoUs Details**

<b>S. No.</b>	<b>Date</b>	<b>Name of the Institution/ University/ Research Lab/ Industries</b>	<b>Purpose</b>	<b>Name of the Department</b>	<b>Beneficiary</b>
1	18-Feb-15	A.V.V.M Sri Pushpm College, Poondi, Tanjaur, Tamil Nadu, India	To facilitate collaborative program of Research, training, curriculum, institutional development and exchange of faculty and students	Biochemistry	PG Students and Research Scholars.
2	16-Dec-15	KMCH Research Foundation, Coimbatore, Tamil Nadu, India	Promotion of Research and knowledge exchange to Students and Research scholars.	Biochemistry	PG Students and Research Scholars.