



## 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 2019-20

#### Guest Lecture/Invited Lecture

S. No.	Date	Name and Designation of the Resource Person	Topic	Venue	Beneficiary
1	10-Jul-19	Dr. N. Vidhya, Professor in Microbiology, Mrs. C. S. Sasikala, Assistant Professor in Microbiology, and Mrs. A. D. Priyadharshini, Assistant Professor in Microbiology	Molecular Diagnostics for Pathogenic Bacteria	10.00am Seminar Hall VII D Block	Students of Microbiology
2	11-Jul-19	Mr. S. Senthil Prabhu, Professor, Department of Microbiology, Mr. M. Rajakrishnan, Professor, Department of Commerce with CA and Dr. R. Prema, Professor, Department of Commerce with CA	Knowledge Exchange Programme on "Insights on Plant Tissue Culture Techniques" and "Certifications required for Start-up of Food Business in India & Bio-entrepreneurship"	Kambar Arangam & Department Laboratories	Students of Microbiology & Commerce (CA)
3	11-Jul-19	Mrs. M. Shanmugavadivu, Assistant Professor in Biotechnology; Dr. M. Poongothai, Assistant Professor in Biotechnology; Mr. S. Senthil Prabhu, Assistant Professor in Microbiology	Knowledge Exchange Programme on "Insights on Plant Tissue Culture Techniques" and "Certifications required for Start-up of Food Business in India & Bio-entrepreneurship"	Department Laboratories	Students of Microbiology & Biotechnology

4	22-Jun-19	Ms. Mahalakshmi, Alumni (2014 - 2019), Amway India Ltd, Madurai.	Alumni student interaction	UG Lab	III B.Sc., Students
5	19-Jul-19	Dr. J. Devakumar, and Dr. R. Mahenthiran	Isolation and Identification of Bioactive Compounds from Natural Resources” and “ELISA Techniques	Seminar Hall VII D Block	All students of Microbiology
6	27-Jul-19	Dr. B. Anandkumar, Scientist, Indira Gandhi Centre for Atomic Research, Kalpakkam, Chennai	Biofilms and its control – with Molecular Biology and Bioinformatics Tools	West Seminar Hall, IT Building	All students of Microbiology
7	28-Aug-19	Dr. A. M. Ramachandran, Dept of Microbiology	One day knowledge exchange programme	Seminar Hall VII D Block	All students of Microbiology
8	28-Aug-19	Dr. J. Devakumar, Dept of Microbiology	One day knowledge exchange programme	Seminar Hall VII D Block	All students of Microbiology
9	28-Aug-19	Dr. R. Rajesh Kanna, Dept of IT	One day knowledge exchange programme	Seminar Hall VII D Block	All students of Microbiology
10	28-Aug-19	Dr. K. Geetha, Dept of IT	One day knowledge exchange programme	Seminar Hall VII D Block	All students of Microbiology
11	28-Aug-19	Dr. V. Vinodhini, Dept of IT	One day knowledge exchange programme	Seminar Hall VII D Block	All students of Microbiology
12	04-Sep-19	Dr. Anand Anbarasu, Professor, Department of Biotechnology, Vellore Institute of Technology, Vellore	Emergence of Antibiotic Resistance and Scope of Bioinformatics Approaches to Understand the Mechanism of Resistance	Seminar Hall – VII	students of the department of Microbiology
13	05-Sep-19	Dr. M. Arun, Assistant Professor, Department of Biotechnology, Bharathiar University	Plant Cell Culture Systems and Applications	Seminar Hall – VII	students of the department of Microbiology

14	02-Dec-19	Dr. S. Karthik Sundaram, Assistant Professor, Department of Microbiology	Pollution – Time for Restoration	Seminar Hall VI, D-Block	students of the department of Microbiology
15	18-Dec-19	Dr. Kaushik Rajaram, Assistant Professor, Department of Microbiology, Central University of Tamil Nadu, Thiruvarur	Invitro Display Techniques	Seminar Hall VI, D-Block	students of the department of Microbiology
16	25-Jan-20	Dr. N. Vijayakanth, Research Associate, ICAR-National Research Centre for Banana, Tiruchirappalli	Protein Based Diagnostics and its application in Plant Virus Diagnosis	Seminar Hall II	students of the department of Microbiology
17	15-Feb-20	Dr. S. K. Lakshmi Priya, Dentist, Hope College, Coimbatore	Teeny Folks: Friends or Foes?	Seminar Hall VI	All the students and staff members of the Department of Microbiology
18	24-Feb-20	Dr. G. Durairaj, Director – Technical & Business Development, Cell Creep Biotech, Bengaluru	Current Trends in Immunotherapy	Seminar Hall VII	All the students and staff members of the department

#### 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	21-Jun-19	Workshop	Students of Microbiology	Training on Emergency Care (First Aid) and CPR Exercise	Mr. R. Karthikeyan, District Co-ordinator and Mr. Vananmayilan, State Trainer, Ekam Foundation, Coimbatore	--	--	--

2	9-Jul-19 to 12-Jul-19	Workshop	Students of Biochemistry department	Workshop on Foldoscopy	Dr. A.M. Ramachandran, Assistant Professor in Microbiology and Dr. D. Pradeepa, Assistant Professor in Biochemistry	--	DBT Star Scheme	--
3	12-Jul-19	Workshop	Students of the School	Workshop on Foldoscopy at Kalapatti Government High School	Ms. R. Piruthika, Project Assistant, Department of Microbiology		DBT Star Scheme	
4	13-Aug-19 and 14-Aug-19	Workshop	Students of Microbiology	Two days hands on training programme on "Streaking and Isolation of Bacteria	Dr. J. Rengaramanujam , Head & Professor in Microbiology was the Resource Persons	--	DBT Star Scheme	--
5	13-Aug-19 and 14-Aug-19	Workshop	All the students of the Department of Microbiology	A one day workshop on "Culture Preservation Technique	Mr. S. Senthil Prabhu, Assistant Professor in Microbiology	--	DBT Star Scheme	--
6	17-Aug-19	Workshop	the students of Biotechnology and I UG Microbiology	Hands on Training on Stereo and Inverted Microscope & UV Spectrophotometer	Dr. J. Renga Ramanujam, Head, Department of Microbiology, and Mr. S.	--	--	--

					Senthil Prabhu, Assistant Professor, Department of Microbiology			
7	01-Feb-20	Workshop	25 students from the Department of Microbiology	A one day Workshop on Chromatography Techniques	Dr. J. Devakumar, Assistant Professor, Department of Microbiology	--	DBT Star Scheme	--
8	05-Feb- 20and 06- Feb-20	Seminar	students from the Department of Microbiology	A two day National Level Seminar on “COMPUTING PLATFORMS FOR BIOLOGICAL BIG DATA ANALYTICS” sponsored by the Science and Engineering Board of Department of Science and Technology, Govt. of India	Dr. E. Balagurusamy, Chairman, EBG Foundation, Coimbatore. Dr. Thavamani. D. Palaniswamy. Dr. P. Chellapandi, Professor & Head, Department of Bioinformatics, School of Life Sciences, Bharathidasan University, Tiruchirapalli. Dr. Vijender Kumar Solanki, Associate Professor, Computer	SERB	--	--

					Science & Engineering, CMR Institute of Technology, Hyderabad			
9	08.02.2020	workshop	Around 25 students from the Department of Microbiology	A one day workshop on Immunotechniques	Dr. R. Mahenthiran, Assistant Professor, Department of Microbiology	--	DBT Star Scheme	--
10	18 <sup>th</sup> and 19 <sup>th</sup> February 2020	workshop	120 students belonging to the III year undergraduate students	A two day workshop on "Enumeration of Bacteria, Mould & Yeast from Food Sample & Ice Cream & Pasta Making	Dr. N. Vidhya & Prof. C. Sasikala, Department of Microbiology, Dr. S. Uma Maheswari & Prof. R. Shivani, Department of Food Science and Nutrition,	--	DBT Star Scheme	--
11	21 <sup>st</sup> and 22 <sup>nd</sup> February 2020	Seminar	Students of Bioscience Departments	National Seminar on Graduate Research (NSGR-2k20)	Dr. Basavaraj Madhusudhan, Professor, Devangere University, Karnataka; Mr. Sriram Prasad. G, CEO and Founder, Keerai Kadai Ventures PVT Ltd.; and Dr. Durairaj Gnanaprakasam,	--	DBT Star Scheme	--

					Director – Technical & BD, CellCreep Biotech, Bengaluru			
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### Extension Activities

S. No.	Date	Nature of the extension	Place	Students involved
1	25-Jul-19	Food Safety and Personal Hygiene to Road Side Food Vendors	Veeriyampalayam village	III B.Sc.,
2	16-Aug-19	An awareness programme on Leprosy	Seminar Hall VII D Block	400 students from NSS
3	06-Jul-19	Awareness Campaign on “Neeriri Amayathu Ulagu” by Mr. Karthikeyan Sivasenapathy, Founder, Sivasenapathy Kangeyam Research Foundation, Kangeyam	NGP Conference Hall	All Bioscience Students
4	15-Feb-20	Awareness Lecture for Lab Assistants on “ORAL HEALTH: A GLIMPSE OF OUR OVERALL HEALTH”	Seminar Hall VI	the Laboratory Assistants of all the Departments
5	17-Feb-20	An awareness programme on “Corona Virus COVID-19”	A-Block entrance	Students of NGP

### Awards and Prizes for Staff

S. No.	Name of the Staff	Name of the Award	Awarded by	Cash Prize (If any)	Date
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1	Dr. S. S. Sudha	Outstanding Teacher Award	Indian Association of Applied Microbiologist	-	29-Nov-19 and 30-Nov-19
2	Dr. J. Rengaramanujam	Best Head of the department	Achievers day celebration at Dr NGPASC	-	26-Feb-20
3	Dr. R. Mahendran	Best Mentor & Best Teacher Award	Achievers day celebration at Dr NGPASC	-	26-Feb-20
4	Dr.S.S.Sudha	Best Research Guide	Sri Nalla Gounder Research and Innovation Awards	-	27-Feb-20 at Conference Centre
5	Dr.S.S.Sudha	Best Researcher	Sri Nalla Gounder Research and Innovation Awards	-	27-Feb-20 at Conference Centre
6	Dr. A. M. Ramachandran	Best Fund Mobilizer	Sri Nalla Gounder Research and Innovation Awards	-	27-Feb-20 at Conference Centre

### Staff Recognitions

S. No.	Name of the Staff	Acted As	Name of the Programme	Date	Venue
1	Mr. S. Senthil Prabhu Assistant Professor in Microbiology & Dr. J. Devakumar Assistant Professor in Microbiology	Resource Person	Hands on Training on Streaking and Isolation of Bacteria	13-Au-19 and 14-Aug-19	Microbiology Lab
2	Mrs. C. Sasikala	Resource Person	Awareness Programme on Leprosy	16-Aug-19	Seminar Hall VII
3	Mr. S. Senthil Prabhu Assistant Professor in Microbiology	Resource Person	Workshop on Culture Preservation Techniques	17-Aug-19	Microbiology Lab
4	Dr. J. Renga Ramanujam, Head, Department of Microbiology & Mr. S.	Resource Person	Hands on Training on Stereo and Inverted Microscope & UV Spectrophotometer	17-Aug-19	Microbiology Lab



	Senthil Prabhu, Assistant Professor, Department of Microbiology				
5	Dr. A. M. Ramachandran, Dept of Microbiology	Resource Person	Knowledge Exchange Programme with the Department of Information Technology	28- Aug-19	Microbiology Lab
	Dr. J. Devakumar, Dept of Microbiology				
6	Dr. A.M. Ramachandran, Assistant Professor in Microbiology	Resource Person	Workshop on Foldoscopy	09-Jul- 19	Microbiology Lab
7	Dr. N. Vidhya, Professor in Microbiology, Mrs. C. S. Sasikala, Assistant Professor in Microbiology, and Mrs. A. D. Priyadharshini, Assistant Professor in Microbiology	Resource Person	In-house Lecture	10-Jul- 19	Microbiology Lab
8	Mr. S. Senthil Prabhu, Assistant Professor in Microbiology	Resource Person	Knowledge Exchange Programme on “Insights on Plant Tissue Culture Techniques” and “Certifications required for Start-up of Food Business in India & Bio-entrepreneurship”	16-Jul- 19	Microbiology Lab
9	Dr. J. Devakumar Assistant Professor in Microbiology & Dr. R. Mahenthiran Assistant Professor in Microbiology	Resource Person	In-house Lecture	19-Jul- 19	Microbiology Lab
10	Dr. R. Mahenthiran Assistant Professor in Microbiology	Resource Person	World Conservation Day & Invited Guest Lecture Programme	27-Jul- 19	Seminar Hall
11	Dr. S. Karthik Sundaram Microbiology	Resource Person	Pollution – Time for Restoration	02-Dec- 19	Seminar Hall
12	Dr. N. Vidhya Microbiology	Resource Person	Microbes – in Air		Seminar Hall
13	Dr. N. Vidhya	Resource Person	Microbes – in Air		Seminar Hall
14	Dr. J. Rengaramanujam, Professor and Head	Resource Person	Role of Microbes in Human LIfe	25-Feb- 20	A1 - 414

### Staff / Student Consultancy

S. No	Name of the staff	Area of Consultancy	Place where Consultancy was offered	Period	Amount	No. of trainee
1	Dr. J. Rengaramanujam	Antibacterial Assay	PSGR Krishnammal College for Women	2019	1250	6
2	Dr.J.Devakumar	Antibacterial Assay	Mr. Prbhu, Hindustan Engineering College, Coimbatore	2019	1500	1

#### Staff Publication

S. No	Name of Author	Paper Title	Journal Name	Year / Month	Vol & Issue No	Impact Factor
1	Dr. A. M. Ramachandran	Dye Degrading Microbial Isolates from Textile Soil – A Monograph	International Journal of Pharmacy and Biological Sciences	Jul 2019	2321-3272	--
2	Dr. J. Devakumar	In Vitro Antibacterial and Cytotoxicity Evaluation of Aloe Vera Associated Endophytic Fungi	International Journal of Pharmacy and Biological Sciences	Jul 2019	2321-3272	--
3	J. Rengaramanujam, S. S. Sudha and J. Devakumar	<i>In Vitro</i> Antibacterial and Cytotoxicity Evaluation of Aloe Vera Associated Endophytic Fungi	International Journal of Pharmacy and Biological Sciences	Jul 2019	2321-3272	--
4	Mrs. C. Sasikala & Dr. D. Geetharamani	Study on Bioactive Compounds of <i>Jania rubens</i> against Methicillin and Vancomycin Resistant <i>Staphylococcus aureus</i>	International Journal of Pharmaceutical Sciences and Drug Research	Nov 2019	0975-248X	--

#### Staff Project

S. No.	Name of the Faculty	Name of the project / scheme	Sanction No. and Date	Funding body	Amount
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1	Dr. S. Karthik Sundaram	Bioremediation of Preprocessed Plastic Wastes through Microbial Consortium	ES-029 – 2019-20	TNSCST	Rs. 7500/-
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### Students Participation

S. No.	Date	Name of the Students	Event	College	Inter Collegiate / Inter Departmental	Prizes won
1	15-Oct-19	M. Mynumathi	--	Dr. Kalam Educational Trust, Chennai	Inter Collegiate	Best Student Project Award
2	31-Aug-19	M. Mynumathi	--	--	Inter Collegiate	Selected as one among the top 10 participants Tamil Orator
3	04-Sep-19	Mohammed Anas & Ajay Meenan	Poster	Department of Hospital Administration, Dr. N.G.P. ASC	Inter Collegiate	Best Reviewer Award
4	27-Feb-20	Ms. Anaga Nair	--	Sri Nalla Gounder Research and Innovation Awards	Inter Departmental	Best Review Paper Award