



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 (3rd Cycle – 3.64CGPA)
Dr. N.G.P.-Kalapatti Road, Coimbatore-641 048, Tamil Nadu, India.
Website: www.drngpasc.ac.in | Email: info@drngpasc.ac.in | Phone: +91-422-2369100

Department of Biochemistry

Activities and Achievements - AY 2022-23

1. Guest Lecture/Invited Lecture

S. No.	Date	Name and Designation of the Resource Person	Topic	Beneficiary
1	09-Feb-23	Dr. R. Vivek Assistant professor/ DBT Ramalingaswami Reentry Fellow, Bio Nano Therapeutics Research Laboratory, Cancer Research Program, School of life sciences, Department of Zoology, Bharathiar University, Coimbatore	Development of nanotheranostic approaches to management of cancer	All Biochemistry Staff and Students
2	10-Jan-23	Dr. A. Indhulekha Professor and Head, Department of science and Humanities, SriKrishna College of Engineering and Technology, Coimbatore	Health and Hygiene	All Biochemistry Staff and Students
3	12-Jan-23	Dr. M.S.A. Muthukumar Nadar Assistant professor, Department of Biotechnology, Karunya Institute of Technology and Sciences	"Scope and opportunities in life sciences"	All Biochemistry Staff and Students
4	02-Nov-22	Mr. V. Jothiprasad	Founder of Futuristic Bioscience	All Biochemistry Staff and Students
5	07-Oct-22	Dr. M.S.A. Muthukumar Nadar	Scope And Opportunities in Life Sciences	All Biochemistry Staff and Student

2. Alumni Interaction

S.No	Date	Name and Designation of the Resource Person	Topic
1	23-Mar-23	Ms. Durga, Executive, Medreich pvt ltd, Bengaluru	Career options in the pharmaceutical industry
2	11-Feb-23	Dr. Vadivel, Head, Clinical Biochemistry and Quality Control, KG Hospital, Coimbatore	Laboratory Quality Assurance
3	20-Jan-23	Mr. Mohammed Riyaz, Training Manager, Saibaba Colony, Central Bank of India building, Coimbatore	Alumni Interaction
4	05-Nov-22	Biochemist, Harley International Medical Clinic LLC, Dubai, UAE	Career Map in Foreign Clinical Laboratory

3. Seminar / Workshop Conferences organized

S. No	Date	Nature of the Event	Title of the Event	Name & Designation of the Speakers	Funding Agency
1	30-Mar-23	Workshop	Culturing and rearing of Drosophila	Dr. P. Vinayagamoorthi Assistant Professor, Department of Human Genetics and Molecular Biology Bharathiar University Coimbatore	-
2	29-Mar-23	Workshop	Topic Molecular Docking	Dr. P. Ravikumar Iyarvi Research Center for Bioinformatics (IRCB), Erode	
3	28-Mar-23	Conference	Interdisciplinary Approaches on Dynamics of Biosciences Research	Dr. R. Kumar Scientist G & Associate Director, Mysore Prof. R. Ramraj Professor of Eminence & DAE Prof. Dr. A. Arun, Professor Prof. Dr. Ganesh Nagaraju Dr. Neha Garg Dr. M.H. Adarsha Gowda	-
4	20-Mar-23	Workshop	Pharmacovigilance	Mr. Vijay Rajendran Technical Consultant, Bioexplora, Coimbatore	-

5	15-Feb-23	Hands on training	Micropropagation Techniques	Dr. D. Pradeepa Assistant Professor, Department of Biochemistry, Dr. N.G.P. Arts and Science College, Coimbatore	-
6	16-Sep-22	Workshop	Alternatives for Animal Models in Biomedical Research	Dr. P. Vinayagamoorthi Assistant professor Dr. P. Ekambaram Associate Professor	-
7	25-Aug-22 & 26-Aug-22	National Conference	National Conference on AI and IOT for Agriculture Innovation and Environmental Sustainability	Dr. J.V. Bibal Benita, Dr. M. Senthil Kumar, Dr. M. Kalpana, Dr. P. Raja	DBT-CTEP

4. Extension Activities

S. No	Date	Nature of the Activity	Place	Students involved
1	28-Feb-23	National Science Day Celebration	Govt. Hr. Sec. School, Kannarapalayam and Govt. Hr. Sec. School, Illuppapalayam	II M.Sc., Biochemistry
2	29-Oct-22	Awareness on Menstrual Hygiene	Nellithurai Village	All II B.Sc., I M.Sc., and II M.sc., Biochemistry
3	10-Sep-22	Segregation of waste at home (on observation of world environmental health day)	Nellithurai Village	All I B.Sc., and III B.Sc. Biochemistry

5. Staff Participation

S. No.	Date	Name of the Faculty	Name of the Workshop/FDP/Training Programme	College
1	17-Mar-23 to 01-Apr-23	Dr. S. Gowri Dr. D. Pradeepa	Two-week Refresher Course on Life Sciences	Ramanujan College in collaboration with Miranda House, Delhi

2	29-Mar-23 to 30-Mar-23	Mrs. S. Divyapriya	Two-Day International Conferences on Recent Trends in Multidisciplinary Research and Practices	Dr. SNS Rajalakshmi college of Arts and Sciences, Coimbatore
3	29-Mar-23	Dr. N. Kannikaparameswari	One day Workshop on Fundamentals in animal cell culture techniques and toxicity testing conducted	PSG Institute of Advanced Studies, Coimbatore
4	17-Mar-23 to 18-Mar-23	Mrs. S. Divyapriya Mrs. G. Lalitha	International Conference in Food, Bio and Nano Materials	Karpagam Academy of Higher Education, Coimbatore
5	06-Mar-23 to 10-Mar-23	Dr. T. Indhumathi Dr. K. Rajathi	Computer-Aided Drug Design using Medicinal Plants & Nutraceuticals	Iyarvi Research Center for Bioinformatics (IRCB), Gobichettipalayam
6	04-Mar-23	Dr. N. Kannikaparameswari Dr. S. Gowri Dr. D. Pradeepa Dr. T. Indhumathi Dr. K. Rajathi Mrs. S. Divyapriya Mrs. G. Lalitha	Participate in Outcome Based Education (OBE) workshop	Dr. N.G.P. Arts and Science College, Coimbatore, in association with ipsr Solutions limited
7	03-Feb-23	Dr. D. Pradeepa	2nd International Conference on Innovation in applied Science	Mahalakshmi Women's College of Arts and Science, Avadi
8	28-Jan-23	Mrs. G. Lalitha	Workshop on Patents, Design & Functional Aspect of IPR	Jain (Deemed-to-be University), Bengaluru
9	16-Jan-23	Dr. K. Rajathi	IP Awareness/Training program	National Intellectual Property Awareness Mission
10	02-Jan-23 to 06-Jan-23	Mrs. G. Lalitha Mrs. S. Divyapriya	International Virtual FDP on Personality Grooming-handling Stress and Emotional Intelligence	PPG College of Arts and Science, Coimbatore
11	15-Dec-22 to 17-Dec-22	Dr. S. Gowri	3-day Faculty Development Program on Emotional Intelligence	ICT Academy
12	12-Nov-22	Dr. N. Kannikaparameswari	National seminar on Significance of Intellectual Property Rights (IPRs) in Current Era	PSG College of Arts and Science, Coimbatore

13.	05-Nov-22	Dr. Balasubramanian	How to teach Science in the era of NEP 2020	Dr. N.G.P. Arts and Science College, Coimbatore
14.	05-Nov-22	Dr. S. Gowri Dr. N. Kannikaparameswari Dr. T. Indhumathi Dr. K. Rajathi Dr. D. Pradeepa Mrs. S. Divyapriya Mrs. G. Lalitha	Infosys Springboard course	Infosys
15.	10-Oct-22 to 15-Oct-22	Mrs. G. Lalitha Mrs. S. Divyapriya	International FDP on Research Methodologies & Teaching	Shri Krishnaswamy College for Women, Chennai
16.	08-Oct-22	Dr. Rachana Sharma	Pharmacology Of Snake Venom	IOT Lab
17.	27-Sep-22 to 05-Oct-22	Dr. S. Gowri Dr. D. Pradeepa Mrs. G. Lalitha Mrs. S. Divyapriya	UGC-approved 6-day (36-hour) short-term professional development programme on Implementation of NEP-2020 for University and College Teachers	IGNOU
18.	21-Sep-22 to 26-Sep-22	Dr. N. Kannikaparameswari Dr. T. Indhumathi Dr. K. Rajathi	UGC-approved 6-day (36-hour) short-term professional development programme on 'Implementation of NEP-2020 for University and College Teachers'	IGNOU
19.	06-Sep -22	Dr. N. Kannikaparameswari Dr. T. Indhumathi Dr. K. Rajathi	National Level FDP on Teaching and Learning Process in Higher Educational Institutions	IOT Academy
20.	21-July-22	Dr. N. Kannikaparameswari Dr. T. Indhumathi Dr. K. Rajathi Mrs. G. Lalitha Dr. Rachana Sharma	Investor Awareness Program	Dr. N.G.P. Arts and Science College, Coimbatore

21.	25-June-22	Mrs. S. Divyapriya	Impact Lecture Series Phase I -Entrepreneurial traits: A Discussion	Michael Job College of Arts & Science for Women, Coimbatore
-----	------------	--------------------	---	---

6. Staff Publications

S.No	Name of the Faculty	Title	Journal Name	ISSN / ISBN No. Date of publishing Vol. No.
1	K. Rajathi	Understanding Human Autoimmune Diseases and its Serology tests using ELISA Technique	World Journal of Pharmaceutical and Life Sciences	Vol.10, Issue 2,157-163
2	K. Rajathi	Design and Implementation of Intelligent Biosensors, Personal defense devices in smart watch for women and sexual harassment	World Journal of Advanced Engineering Technology and Sciences	Vol.8, Issue.1,128-131
3	Gowri S.	Anticancer activity of cassia auriculata against Human Breast cancer MCF:7: An invitro and Insilico molecular Docking Approach	Indian Journal of natural Sciences	Vol.13, Issue 75,50155-50163
4	Mrs. G. Lalitha	Preparatory activities plant species on Elaeagnus multiflora thunb and Elaeagnus conferta robx – A REVIEW”	High Technology Letters	Vol 29(2),261-268 ISSN NO:1006-6748
5	Divyapriya S, Dhana Rangesh Kumar V	Physicochemical, Formulation and Evaluation of Antifungal Health soap Using CurCuma Amada Roxburgh and Prunus Dulcis	Asian Journal of Pharmaceutical and Clinical Research	Vol 16, Issue4,2023,28-34. ISSN No: 2455-3891

6	Dr. K. Rajathi Dr. D. Pradeepa Mrs. G. Lalitha	To prevent blister blight in <i>Camellia sinensis</i> using IoT method	National Conference on AI and IoT for Agriculture Innovation and Environment Sustainability	ISBN-978-81-957709-5-3 Aug-22
7	Dr. S. Gowri Dr. T. Indhumathi Mrs. S. Divyapriya	An Overview of IoT based On Pesticide Management Practices in Agriculture		
8	Dr. N. Kannikaparameswari Mrs. S. Divyapriya	Review on Timely Agronomic Management System with IoT		
9	Dr. S. Gowri S. Divyapriya	Review on role of wearable Sensor in Agriculture		
10	Dr. S. Gowri Dr. D. Pradeepa	Smart Sensing Techniques in Life stock Management in Agriculture		
11	Dr. D. Pradeepa Dr. S. Gowri	Review on role of biosensor in agriculture		
12	Dr. S. Gowri Dr. T. Indhumathi Dr. S. Balasubramanian S. Divya Priya	Review on Monitoring the Health Parameters of Cattle Using IoT sensors		
13	Dr. S. Gowri Dr. K. Rajathi Dr. D. Pradeepa Dr. Rachana Sharma	A Review on Weather Monitoring System Using IoT in Agriculture		

7. Staff Presentation

S.No	Date	Name of the Staff	Name of the Conference	Name of the title	College
1	10-Oct-22	Dr. S. Gowri Dr. T. Indhumathi Dr. K. Rajathi	International Conference	Confluence of Science and technology	Bharathidasan College of Arts and Science, Erode.

8. Staff Recognitions

S.No	Date	Name of the Staff	Acted As	Name of the Programme	Venue
1	09-Mar-23 & 10-Mar-23	Dr. S. Gowri, Dr. N. Kannikaparameswari Dr. K. Rajathi	Judge for Oral Presentation	XIV Louis Pasteur International Symposium on Role of Multidisciplinary Research in Microbiology for Sustainable Development	Dr. N.G.P. Arts and Science College, Coimbatore
2	15-Jun-22 & 01-Mar-23	Dr. N. Kannikaparameswari	External member	Doctoral Committee meeting	Bharathidasan College of Arts and Science, Erode

9. Students Presentation

S.No	Date	Name of the Students	Event	Title	College
1.	10-Oct-22	Suvetha.S, Rasika.K, Narmatha.T	International Conference on Confluence of Science and Technology	Confluence of Science and Technology	Bharathidasan College of Arts and Science, Erode
2.	25-Aug-22 & 26-Aug-22	V.Anusha, S.Geethanjali K.Madhan Kumar P.Akshay Krishnan	National Conference on AI and IOT for Agriculture Innovation and Environmental Sustainability	Review on Monitoring the health parameters of cattle using IOT sensors	Dr. N.G.P. Arts and Science College, Coimbatore
3		G.Manorida M.Malarmathi		Review on the role of wearable sensor on agriculture	
4.		S.Sumitha M.Vidyaa Sri L.Lalith sree		Review on the role of unmanned aerial vehicles as a revolution in modern agriculture	

5.	25-Aug-22 & 26-Aug-22	L.Poorvasandhya M.Nandhini M.Vidhya shree	National Conference on AI and IOT for Agriculture Innovation and Environmental Sustainability	A Review on weather monitoring system using IOT in agriculture	Dr. N.G.P. Arts and Science College, Coimbatore
6.		S.Yokeshwaran V.kanageshwaran		Precision farming	
7.		V.P.Kirutthika J.Guna Raja Jayashree S.Jayanthi		Review on Timely Agronomic management system with IOT	
8.		Bincy T.Mathew B.Brindha R.Dhanushya		Internet of things based on pesticide management practices in agriculture	
9.		M.Deepika K.Priyanka R.Pavithra		Review article on to prevent blister blight in <i>camella sinensis</i> using IOT method	
10.		V.Prakalya K.Jeevika		Smart sensing techniques on livestock management	
11		R.Haripriya S.Santhiya T.Deepa		Machine learning for weed detection in modern agriculture	

10. Students Participation

S.No	Date	Name of the Students	Event	College	Inter Collegiate / Inter Departmental	Prize
1	22-Feb-23	L.Lalith Sree	English Oration	Rathinam College of Arts and Science, Coimbatore	Intra Departmental	II
2	13-Feb-23	N.Vaishnavi	Zhagaralish	Sri Krishna Arts and Science College, Coimbatore	Intra Departmental	I
3	02-Feb-23	G.Manorida	Tamil Oration	Tamil Nadu Forest College, Coimbatore	Intra Departmental	III
4	24-Jan-23	Abarna.D	Voyage to Enlighten English	Dr. N.G.P. Arts and Science College, Coimbatore	Inter Departmental	III

5	27-Nov-22	G.Manorida	Tamil Oration	Codissia Trade Center, Coimbatore	Intra Departmental	II
6	10-Oct-22	Suvetha.S	Confluence of Science and Technology	Bharathidasan College of Arts and Science, Erode	Inter Collegiate	I
7	09-Sep-22	M.Vidhya Shree	Bharathiyar Neenaiyu Nal	Dr. N.G.P. Arts and Science College, Coimbatore	Inter Departmental	I
8		M.Malarmathi				II
9	25-Aug-22 & 26-Aug-22	P. Akshay Krishnan S.Geethanjali L.Balaji	National Conference	Dr. NGP College of Arts and Science	Inter Departmental	II
10	16-Aug-22	S.Geethanjali	Amutha Peruvizha	Dr. N.G.P. Arts and Science College, Coimbatore	Inter Departmental	III
11	11-Aug-22	P.Nitharshana				III
12		M.Vidhya Shree				I
13		10-Aug-22				G.Manorida
14	26-Jul-22	G.Manorida	Tamil Oration	Codissia Trade Center, Coimbatore	Intra Departmental	II