

KONGUNADU ARTS AND SCIENCE COLLEGE
(Autonomous) Coimbatore – 641 029

Collaborative Research Work Academic Year (2021-2022)

S. No.	Name of the Faculty	Collaboration with	Name and Place of the Collaborative Institution	Joint Research work/Title of the Research Article Published	Duration
1	Dr. Narendhirakannan R.T Assistant Professor, Department of Biochemistry	Dr.Sinouvassane Djearamane	Universiti Tunku Abdul Rahman (UTAR), Kampar Campus, Malaysia	“Effects of Chemically and Biologically Synthesised Zinc Oxide Nanoparticles on Human Skin Dermal Cells and Cancer Cells”	1 year
2	Dr. M. Santhoshkumar, Assistant Professor, Department of Biochemistry (UG)	Dr. P.S. Velmurugan	Department of Commerce, Central University of Tamil Nadu, Thiruvavur	“Efficiency of Farmer Producer Organizations (FPOs) in increasing the Profitability of Small and Marginal Farmers: A study on the FPOs in Cauvery Delta Region of Tamilnadu”, Funded by MGNCRE	2 years

3	Dr. K. Sowndhararajan, Assistant Professor, Department of Botany	Prof. Songmun Kim	Department of Biological Environment, College of Agriculture and Life Sciences, Kangwon National University, Chuncheon, South Korea	Biological activities of natural products	2 years
4	Dr. K. Sowndhararajan, Assistant Professor, Department of Botany	Dr. Ramesh Kumar Santhanam	Faculty of Science and Environment, Universiti Malaysia Terengganu, Terengganu, Malaysia	Chemical characterization of bioactive metabolites	1 year
5	Dr. G. Dhandapani, Assistant Professor, Department of Botany	Dr. Krishnan Vasanth	Department of Botany, Bharathiar University, Coimbatore	Plant Tissue Culture and Genetic Transformation	Since 2019
6	Dr. G. Dhandapani, Assistant Professor, Department of Botany	Dr. Amit Roy	Assistant Professor & Head, Forest Molecular Entomology Lab, Czech University of Life Sciences, Prague.	Transcriptome analysis and RNAi studies in Insect pests	Since Jan 2021
7	Dr. G. Dhandapani, Assistant Professor, Department of Botany	Dr. M. Amutha	Senior Scientist, ICAR-Central Institute of Cotton Research (CICR), Regional Station Coimbatore.	RNAi studies in insects	Since Nov 2021
8	Dr.R.Venkitachalam, Assistant Professor, Department of Zoology	VJ Biotech	Coimbatore	Internship Training	15 days

9	Dr. S. Rajeshkmar, Assistant Professor, Department of Zoology	Dr. P Kumaravadivelu, Chief Scientist	ICAR, KVK, Coimbatore	Bee keeping Apiculture	From Nov 2021
10	Dr. S. Rajeshkmar, Assistant Professor, Department of Zoology	Mr. K.Manikandakalida s	Marutham Bee Form, Nallampalayam, Coimbatore	Honey bee culture and Practice	From Nov 2021
11	Dr. J. Anitha, Assistant Professor, Department of Biochemistry (PG)	Dr. T. Premkumar Research professor	The University College, Department of Chemistry, Sungkyunkwan University, Suwon, Gyeonggi 16419, Republic of Korea	Facile green synthesis of nano-sized ZnO using leaf extract of <i>Morinda tinctoria</i> : MCF-7 cell cycle arrest, antiproliferation, and apoptosis studies	1 year
12	Dr. K. Kalpanadevi, Associate Professor and Head, Department of Chemistry (PG)	Prof. K. Pandian,	Department of Inorganic Chemistry, University of Madras, Guindy campus, Chennai	Inorganic Chemistry	3 years
13	Dr. A. Amuthavalli, Assistant Professor, Department of Chemistry (PG)	Dr. P. Shanmugavelan	School of Science, Tamil Nadu Open University, Saidapet, Chennai.	Organic Chemistry	3 years
14	Mrs. S. Bhargavi, Assistant Professor, Department of Biotechnology	Universitas of Brawijaya, Indonesia	Student Exchange program	-	-

15	Dr S R Madhan Shankar , Associate Professor & Head (PG), Dept. of Biotechnology	Mr Vignesh Murthy	EID Parry, Kadalur	Development of Neem based Weedicide	2 Years
16	Dr S R Madhan Shankar , Associate Professor & Head (PG), Dept. of Biotechnology	Dr Chitra Thangavel	Ganga Orthopaedic and Research center	Proteomic Marker for Bone diseases	2 Years
17	Dr S. R. Madhan Shankar , Associate Professor & Head (PG), Dept. of Biotechnology	Dr Radhakrishnan K and Dr Prakash Kumar Nayak	Department of Food Engineering and Technology, Central Institute of Technology, Assam	Development of a food additive	2 years
18	Dr.N.Mohanapriya Assistant Professor, Department of Mathematics	Dr. Raul M.Falcon	Dr. Raul M.Falcon, Department Applied Mathematics I, School of Architecture, Universidad de Sevilla, Spain	Optimal Shadow Allocations of Secret sharing schemes arisen from the dynamic coloring of Extended neighborhood coronas	6 Months
19	Dr.N.Mohanapriya Assistant Professor, Department of Mathematics	Dr. Dafik	CGANT, University of Jember, Indonesia & Mathematics Edu. Depart. University of Jember, Indonesia	On r-Dynamic vertex coloring of some flower graph families	1 Year
20	Dr.N.Mohanapriya Assistant Professor, Department of Mathematics	Dr. Said Broumi	Laboratory of Information Processing, Faculty of Science Ben	Single Valued Neutrosophic R- dynamic Vertex Coloring of Graphs	6 Months

			M'Sik, University Hassan II		
21	Dr.N.Mohanapriya Assistant Professor, Department of Mathematics	I H Agustin	Department of Mathematics, University of Jember, Jember, Indonesia	On r-dynamic coloring of central vertex join of path, cycle with certain graphs.	1 Year
22	Dr. C. Shobana Assistant Professor, Department of Zoology	Department of Physics	Bharathiar University, Coimbatore-641 046.	Research Publications	2020 Jan onwards
23	Dr. A. Amuthavalli Assistant Professor, Department of Chemistry (PG)	Dr. P. Shanmugavelan	School of Science, Tamil Nadu Open University, Saidapet, Chennai.	Synthesis and Applications of Novel Organic Compounds	2021 onwards
24	Dr B Vishnupriya Assistant Professor, Department of Biotechnology	Dr Vinay Kumar P V, Scientist C	CMTI, Bangalore	Independent Adjustable Self lifters for Elders	6 Months