

DEPARTMENT ACTIVITIES - BIOTECHNOLOGY-AY-2023-2024

Guest Lecture / Invited Lecture

S. No.	Date	Name and Designation of the Resource Person	Topic
1	25-Mar-2023	Dr. B. Vidhya , Assistant Professor, Department of Applied Physics, karunya Institute of Technology & Sciences, Coimbatore	Awareness on IPR & Technology Transfer
2	28-Aug-2023	Dr. C. Appunu , Senior Scientist, ICAR - Sugarcane Breeding Institute, Coimbatore	Advances in Genetic Improvement in Plants

Seminar / Workshop/ Conferences organized

S. No.	Date	Nature of the Event (Conference/ Seminar/ Workshop)	Title of the Event	Resource Person
1	30-Sep-2023	International Conference	Marina 23 - International conference on “Expedition of Bioprospecting and its Emerging Trends” (ICEBET-2023)	Dr. Prabakaran Ravichandran , Research Scientist, ITC Life sciences Technology Centre, Bangalore. Dr. Martin Prince Alphonse , Department of Dermatology, Johns Hopkins University, USA. Ms.Sowmya.R , Cell line development Scientist, USA.
2	23-Sep-2023	FDP for Lab Technicians	Training on Instrument handling and Calibration	Mr. J.Samuel , Service Engineer, Sam Technologies, Coimbatore
3	30-Jun-2023 to 04-Jul-2023	Work shop (FDP)	Hands-on-training on Innovation in plant tissue culture	Dr. K.Kalimuthu , Dean, R&D, Dr.N.G.P Arts & Science College, Coimbatore

4	14-Feb-2024	Work shop	RNA Isolation	Dr. P. T. Prathima, Senior Scientist Department of Biotechnology ICAR- Sugarcane Breeding Institute, Coimbatore
5	21-Feb-2024 to 23-Feb- 2024	Hands on training	Drug Design and Development	Dr. P. Ravikumar, Founder, Sr. Scientist and Head Iyarvi Research Center for Bioinformatics.

Alumini Interaction

S. No.	Date	Name and Designation of the Resource Person	Topic
1	02-Feb-2024	Dr. Anu P. Abhimannue , Assistant Professor & HoD, Department of Biology St. Mary's College, Thrissur, Kerala, India-680020	Bioactive components from medicinal plants targeting pro- inflammatory markers
2	26-Sep-2023	Ms. J. Niranjana , NJ's Artzy, Coimbatore	"Entrepreneurship opportunities in the digital world"
3	15-Sep-2023	Mrs. Priyanga S , Junior Scientist in Clinical Research, Sami Labs limited, Bangalore. Alumnus - M.Sc., Biotechnology (2016 - 2018 Batch)	"Opportunities for Biotechnology in Future" Google Meet ID: https://meet.google.com/sxz-evyj-wtd
4	02-Jan-2024	Dr. Anu P. Abhimannue , Assistant Professor & HoD, Department of Biology, St. Mary's College, Thrissur, Kerala, India-680020	Bioactive components from medicinal plants targeting pro- inflammatory markers

Co-curricular Activities

	Date	Name of the Event
1	08-Jul-2023	Awareness on Breast Feeding to Pre-natal & Post natal Mothers at Velliyangadu Village
2	16-Sep-2023	Magical Millets and Ancient grains

3	28-Jul-2023	World Nature Conservation day'23
4	12-Sep-2023	Swachhta Pakhwada celebration
5	23-Sep-2023	Bioidea-23
6	12-Dec-2023	Bioquiz'23
7	14-Dec-2023	SDP on Biochemical reaction test and Infection, Disease and Diagnosis, Natural bionanomachineries by Ms.Dharsini.T.K & Ms.Harshitha.V II B.Sc. Biotechnology, Applications of proteomics by Vishnugiri.M & Vishnuvardan.S. B , III B.Sc., Biotechnology
8	21-Dec-2023	Energy conservation and Kisan Diwas
9	21-Dec-2023	SDP on Hematology, Antibiotic sensitivity Test, Optical Tweezers by Ms. Preethika.V.J & Ms. Mahima.S of 2nd B.Sc. Biotechnology, ELISA by Ms. Manisha.B.P & Ms. Vishnu Varshini.B of 3rd B.Sc. Biotechnology
10	29-Dec-2023	Awareness on Biodiversity
11	11-Jan-2024	Exhibition on Diagnosis and treatment of Disease using Molecular techniques by poster
12	24-Jan-2024	Exhibition and Sale on Medicinal plants and its products
13	28-Feb-2024	Bioquiz'24

DEPARTMENT ACHIEVEMENTS

Staff Awards and Prizes

S.No	Date	Name of the Staff	Name of the Award	Awarded by
1	19-Mar-2024	Dr. Radha Palaniswamy	Best Research Professor	Dr. NGP Arts and Science College

Staff Recognitions

S. No.	Date	Name of the Staff	Nature of Recognition	Organization / Institution
1	10-Oct-2023	Dr.P.Arun	Chair person of Technical Session-I	Dr.R.V.Arts and Science College
2	21-Dec-2023	Dr. P. Arun	Certificate of excellence in peer-reviewing	Uttar Pradesh Journal of Zoology
3	19-Feb-2024	Dr. M.N. Kathiravan	Certificate of Review - Elsevier	Elsevier - Knowledge Based Systems
4	23-Feb-2024	Dr. S. Saranya	Resource person for Guest lecture	Dr. R.V College of Arts and Science, Coimbatore
5	01-Mar-2024	Dr. M. Shanmugavadivu	Resource person for a seminar	KMCH College of Nursing, Coimbatore
6	16-Mar-2024	Dr. M. Shanmugavadivu	Resource Person in an International Conference	Theivanai Ammal College for Women, Villupuram
7	26-Apr-2024	Dr. M. Shanmugavadivu	Resource person for Workshop	KMCH College of Nursing, Coimbatore

Staff Participation

S. No.	Date	Name of the Staff	Event	Organization / Institution
1	31-May-2023	Dr. M. Shanmugavadivu	Professional Development Workshop on Digital Creativity Skills	APAC and India Adobe
2	12-Jun-2023 to 17-Jun-2023	Dr. M. Shanmugavadivu	One week National e-Workshop on Innovation & Intellectual Property Rights	Innovative Technology Enabling Centre (InTEC), CSIR-IMMT, Bhubaneswar
3	26-Jun-2023 to 30-Jun-2023	Dr. M. Shanmugavadivu, Dr. P. Arun, Dr. P. Chidambara Rajan	Development of eContent: Audio Resources	Central Institute of Educational Technology, NCERT
4	03-Jul-2023 to 09-Jul-2023	Dr. M. Shanmugavadivu	One Week Faculty Development Program on "Avenues of Biotechnology-2023"	Department of Biotechnology, SRM Institute of Science and Technology, Ramapuram Campus
5	17-Jul-2023 to 21-Jul-2023	Dr. M. Shanmugavadivu	5 days virtual Faculty Development Program on “Advancements and Innovations in Cellular Communication and Signal Transduction”	Department of Biotechnology, Jaypee Institute of Information Technology, Noida
6	21-Jul-2023 to 22-Jul-2023	Dr. M. Shanmugavadivu	State Level Technical Workshop on "Intellectual Property Rights"	G.V. Venkataswamy Naidu College (Autonomous), Kovilpatti
7	24-Jul-2023 to 28-Jul-2023	Dr. P. Arun	eFDP on Fostering the Drug Design via Artificial Intelligence and Sanctifying Molecular Docking Studies	Department of Pharmaceutical Chemistry and Analysis, VISTAS, Chennai
8	15-Aug-2023 to 21-Aug-2023	Dr. P. Arun	International Short Term Training Programme-X ‘Environment Pollution: A threat to life in the Air’	Raj Rishi Govt. Autonomous College, Alwar (Rajasthan)

9	21-Aug-2023	Dr. P. Arun	Webinar	Zoological Survey of India, Kolkata, WB
10	04-Sep-2023 to 05-Sep-2023	Dr. M. Shanmugavadivu, Dr. P. Arun, Dr. M.N. Kathiravan, Dr. M. Poongothai, Mrs. C.R. Aarthi, Dr. P. Chidambara Rajan	CIPAM's workshop on Intellectual Property Rights	IPR cell and IQAC-RVS College of Arts and Science, Sulur
11	20-Nov-2023 to 21-Nov-2023	Dr. S. Saranya, Mrs. C.R. Aarthi	Hands on Training and workshop on Network Pharmacology and Drug Discovery	Kongunadu Arts and Science College, Coimbatore
12	20-Nov-2023 to 21-Nov-2023	Dr. S. Saranya, Mrs. C.R. Aarthi	Workshop on Public Financial Management Systems (PFMS)	Dr. N.G.P. Arts and Science College and Dr. N.G.P Institute of Technologies
13	30-Nov-2023	Dr. M. Shanmugavadivu	One day Programme on "Promoting Innovation and Entrepreneurship in HEIs	Association of Self-Financing Arts, Science & Management Colleges of Tamilnadu at PSGR Krishnammal College for women
14	07-Dec-2023 to 16-Dec-2023, 22-Jan-2024	Dr. M. Shanmugavadivu, Dr. M. Poongothai	6 days' workshop on Entrepreneurship Essentials Indian Patent drafting, Filing procedure & Copyright filing for IP Management	PSG College of Arts and Science, Coimbatore
15	15-Dec-2023 to 16-Dec-2023	Mrs. C.R. Aarthi	National level workshop cum training (online) on Molecular docking procedure	ACT Academy, FDP Division, Tamil Nadu

16	27-Dec-2023	Dr. Radha Palaniswamy	National conference on NEP2020: Challenges and Opportunities in HEI in India	Dr. NGP Arts and Science College, Coimbatore
17	04-Jan-2024 to 11-Jan-2024	Dr. P. Arun	Online FDP On “Art of Effective Teaching”	Hindusthan College of Arts and Science, Coimbatore
18	11-Jan-2024	Dr. R. Suganthi	106th International Seminar on “Innovations in Bacterial Signaling Dynamics: Driving Forces in Biohydrogen and Biomethane production”	PSGR Krishnammal College for Women, Coimbatore
19	15-Jan-2024 to 19-Jan-2024	Dr. P. Arun	FDP On Recent Trends in Bioprocess Technology	Singhad College of Engineering, Pune
20	01-Feb-2024 to 10-Feb-2024	Dr. P. Arun	NEP 2020 Orientation & Sensitization Programme	UGC-Malaviya Mission Teacher Training Centre, Gandhigram Rural Institute
21	06-Feb-2024 to 07-Feb-2024	Dr. S. Saranya, Mrs. C.R. Aarthi	2 days workshop on Equipment handling (HPLC & NPTA)	PSGR Krishnammal College for Women
22	06-Feb-2024 to 12-Feb-2024	Dr. P. Arun, Dr. M. Shanmugavadivu, Dr. M.N. Kathiravan	5 days Faculty Development Program Intellectual Property Rights for Sustainable and Technology Development (IPRSTD-2024)	Galgotias University, Greater Noida, UP
23	06-Feb-2024 to 27-Feb-2024	Dr. P. Arun	Short Term Course on NAAC Documentation - A Key Insight	WHITE CODE, IQAC CLUSTER INDIA, Pune

24	06-Feb-2024 to 27-Feb-2024	Dr. Radha Palaniswamy	Orientation on NAAC Accreditation	IQAC Cluster India, New Delhi
25	16-Feb-2024	Dr. R. Suganthi	NEP- 2020: “Opportunities and Challenges of HEIs in achieving Gross Enrolment Ratio (GER) in creating Human Resources to the paradigm Industry requirements”	Dr. NGP Arts and Science College, Coimbatore
26	19-Feb-2024 to 23-Feb-2024	Dr. P. Arun, Dr. M. Poongothai	e-Faculty Development program entitled “A Captivating Exploration of Artificial Intelligence Influence on Shaping the Contemporary Landscape in The Healthcare And Essence Of Pharmacy”	School of Pharmaceutical Sciences, VISTAS, India
27	21-Feb-2024 to 27-Feb-2024	Dr. P. Arun	Upskilling Faculty Development Programme	Cluster Department of Life Sciences, Ayya Nadar Janaki Ammal College (Autonomous), Sivakasi
28	22-Feb-2024	Dr. P. Chidambara Rajan	XVI Louis Pasteur National Seminar on "Novel Diagnostic and Drug Development Strategies for Infectious Diseases (NDID - 2024)"	Department of Microbiology, Dr. N.G.P. Arts and Science College, Coimbatore
29	22-Feb-2024	Dr. Radha Palaniswamy	XVI Louis Pasteur National Seminar on "Novel Diagnostic and Drug Development Strategies for Infectious Diseases (NDID - 2024)"	Department of Microbiology, Dr. N.G.P. Arts and Science College, Coimbatore
30	01-Mar-2024	Dr. P. Chidambara Rajan	National Seminar on "Tackling Antibiotics Resistance by Bacteriophage Therapy"	PSGR Krishnammal College for Women

31	29-Mar-2024	Dr. Radha Palaniswamy	National Conference - Molecular Revolution in Biology: Concepts and Techniques	Department of Zoology, Nirmala College for Women, Coimbatore
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Staff Presentation

S. No.	Date	Name of the Staff	Name of the Event	Title of Presentation	Organization / Institution
1	06-Jul-2023 to 08-Jul-2023	Dr. P. Chidambara Rajan	International Conference on Electronics and Sustainable Communications Systems (ICESC 2023)	Methods for Tomato Leaf Disease Detection and Classification based on Hybrid Model of CNN and Extreme Learning Machine	Hindustan Institute of Technology, Coimbatore
2	14-Jul-2023 to 15-Jul-2023	Dr. K. Arungandhi, Dr. M. Shanmugavadivu	International Conference on Recent Innovations in Health and Biological Sciences (ICRIHBS) -2023	A study of effect of growth regulators on Bacopa monnieri callus induction, auxillary budding & shoot proliferation	PSG College of Arts and Science, Coimbatore
3	10-Aug-2023	Dr. M. Poongothai, Dr. M. Shanmugavadivu, Dr. P. Chidambara Rajan, Mrs.C R Aarthi	National seminar on Impact of New Education Policy among Future Generation	Implementation Strategies, Roadmap and Key Challenges of Multidisciplinary Education and Flexibility in Curriculum Design as per NEP 2020	Nallamuthu Gounder Mahalingam College, Pollachi
4	23-Aug-2023 to	Dr. M.N. Kathiravan	Second International Conference on Augmented	BERT-BiGRU-CRF Application in Insulin Dosage Monitoring System	CARE College of Engineering, Trichy

	25-Aug-2023		Intelligence and Sustainable Systems (ICAISS 2023)	for Control of Blood Glucose Levels in Type 2 Diabetic Patients	
5	04-Sep-2023 to 05-Sep-2023	Dr.P.Chidambararajan	CIPAM's workshop on Intellectual Property Rights	CIPAM'S Workshop on Intellectual Property Rights	IPR cell and IQAC-RVS College of Arts and Science, Sulur
6	20-Sep-2023 to 22-Sep-2023	Dr. M.N. Kathiravan	International Conference on Smart Electronics and Communication (ICOSEC 2023)	An Intelligent Method for Predicting Skin Disease using OM-Extreme Learning Machine	Kongunadu College of Engineering and Technology, Trichy
7	18-Oct-2023 to 20-Oct-2023	Dr. M.N. Kathiravan	International Conference on Self Sustainable Artificial Intelligence Systems (ICSSAS 2023)	Soil Analysis and Classification to Improve the Crop Yield in Agriculture Using Fast Graph - CRNN Approach	M.P.Nachimuthu M.Jaganathan Engineering College, Erode
8	03-Jan-2024	Dr. K. Arungandhi	National seminar	Employment of microbes in Industrial applications	Meenakshui Ramaswamy Arts and Science College, Thathanur, Ariyalur
9	05-Jan-2024	Dr. Radha Palaniswamy	National Seminar on Cyber security in Real life sponsored by ICSSR	Cyber Security Embarking on Safety of IoT in Real Life Dimensions	Dr. NGP Arts and Science College, Coimbatore
10	22-Feb-2024 to 23-Feb-2024	Dr. P. Arun	XVI Louis Pasteur National Seminar on Novel diagnostic and Drug Development strategies for Infectious Disease NDID 2024	Production and nutraceutical analysis of Spinacia oleracea	Department of Microbiology, Dr. N.G.P. Arts and Science College, Coimbatore

Staff Publication

S. No.	Name of the Faculty	Title	Journal Name	ISSN / ISBN No., Date of publishing, Vol. No.	Impact Factor	Indexed in (SCI/WoS/UGC/SSCI/Scopus)
1	Dr. M.N. Kathiravan	An Intelligent Method for Predicting Skin Disease using OM-Extreme Learning Machine	ICOSEC-2023 Conference proceedings	979-8-3503-0087-1	-	-
2	Dr. M.N. Kathiravan	BERT-BiGRU-CRF Application in Insulin Dosage Monitoring System for Control of Blood Glucose Levels in Type 2 Diabetic Patients	ICAISS 2023 Conference proceedings	979-8-3503-2579-9	-	-
3	Dr.Arun.P	Formulation of Anti-Arthritic Herbal Spray using Leaves of <i>Tinospora Cordifolia</i> and Rhizome of <i>Zingiber Officinale</i>	International Journal of All Research Education and Scientific Methods (IJARESM)	2455-6211, 06/2023, Volume 11, Issue 7,1328-1335	7.429	UGC-CARE Listed

4	Dr.M.Shanmugavadivu	Formulation and Evaluation of Anti-Acne Cream using Euphorbia hirta leaf Extract	International Journal of All Research Education and Scientific Methods (IJARESM)	2455-6211 2023, 6, 11 & 2078-2088	7.429	UGC-CARE Listed
5	Dr.M.Shanmugavadivu	Purification and Characterization of Keratin from Chicken Feather	International Journal of Creative Research Thoughts (IJCRT)	2320-2882 2023, 7, 11 & 679-687	7.97	UGC-CARE Listed
6	Dr.M.Shanmugavadivu	Formulation and Evaluation of Herbal Toothpaste	Journal of Emerging Technologies and Innovative Research (JETIR)	2349-5162 2023, 7,10 & 264-269	7.95	UGC-CARE Listed
7	Dr.M.Shanmugavadivu	Therapeutic Applications of Seed Oil- A Review	International Journal of Creative Research Thoughts (IJCRT)	2320-2882 2023, 7,11 & 907-912	7.97	UGC-CARE Listed
8	Dr. M.N. Kathiravan	Deep learning methods and integrated digital image processing techniques for detecting and evaluating wheat stripe rust disease.	The Scientific Temper	0976-8653, 09/2023 Vol. 14 (3): 864-869	-	UGC-CARE Listed
9	Dr.M.Shanmugavadivu	Extraction of Natural Dye from <i>Terminalia Catappa</i> Fruits and Evaluating the Antibacterial Activity of Natural Dye-Coated	The Research of Young Minds [Biotechnological Effective Approach in Science and Technology]	9789357477932 Oct' 2023	-	-

		Textile Against Skin Pathogen				
10	Dr. M.N. Kathiravan	Biodegradation of Polyethylene (PE) by Novel Marine Aeromonas sp. PED-MB01	The Research of Young Minds [Biotechnological Effective Approach in Science and Technology]	9789357477932 Oct' 2023	-	-
11	Dr. M.N. Kathiravan, Dr.M.Shanmugavadivu, Mrs.C.R.Aarthi	Extraction, Identification, Evaluation of Antioxidant and Antimicrobial Activity of Pomegranate Peel Pigments	The Research of Young Minds [Biotechnological Effective Approach in Science and Technology]	9789357477932 Oct' 2023	-	-
12	Dr. M.N. Kathiravan	Soil Analysis and Classification to Improve the Crop Yield in Agriculture Using Fast Graph - CRNN Approach	International Conference on Self Sustainable Artificial Intelligence Systems (ICSSAS 2023)	9798350300901 Sep'2023	-	-
13	Dr. M.N. Kathiravan	Integrating Technology for Sustainable Agriculture: Enhancing Crop Productivity while Minimising Pesticide Usage using Image Processing & IoT	Fourth International Conference on Electronics and Sustainable Communication Systems (ICESC-2023)	979850300093 Aug'2023	-	-

14	Dr. Arun P	Isolation of Heavy Metal-Resistant Microorganisms and Analysis of Their Plant Growth-Promoting Properties,	The Research of Young Minds [Biotechnological Effective Approach in Science and Technology]	9789357477932 Oct' 2023	-	-
15	Dr. Arun P	Analysis and Evaluation of Musa Acuminata 'Red Dacca' Leaf Extract and Formulation of Face Wash,	The Research of Young Minds [Biotechnological Effective Approach in Science and Technology]	9789357477932 Oct' 2023	-	-
16	Dr. Arun P	Formulation and Evaluation of Toothpaste from Phyllanthus Amarus	The Research of Young Minds [Biotechnological Effective Approach in Science and Technology]	9789357477932 Oct' 2023	-	-
17	Dr. P. Chidambararajan	Isolation and Screening of Lead Tolerant Micro-Organisms from Industrial Soil and Their Activity towards Lead Solubilization	The Research of Young Minds [Biotechnological Effective Approach in Science and Technology]	9789357477932 Oct' 2023	-	-
18	Dr. P. Chidambararajan	Assessment of Antioxidant Activity and Anticancer Activity of Plant Leaves of <i>Amaranthus Spinousus</i>	Advances in Bioresearch	0976-4585 July 2023, Vol 12 (4):106-114	0.36	WoS - (Web of Science)

19	Dr. P. Chidambara Rajan, Dr. Radha palaniswamy	Synthesis and Characterization of Polyvinyl Alcohol Film Incorporated with <i>Tridax Procumbens</i> Leaf Extract	Journal of Polymer & Composites	2023, Vol 11; Issue (2) and Page No. 40-51p	6.019	WoS - (Web of Science)
20	Dr. P. Chidambara Rajan	Green Synthesis and Characterization of <i>Amaranthus spinous</i> and to Analyse its Antimicrobial Activity	Indian Journal of Natural Sciences	2023, Vol14.Issue 49.58504-58511p	2.452	UGC-CARE Listed
21	Dr. Radha Palaniswamy	Stimulation of Plant Growth using bacterial strains – Review	International Journal of Research and Analytical Reviews	Jan 2024, vol 11, issue 1, pg 58-67	-	UGC CARE
22	Dr. Radha Palaniswamy	Sustainable Bioplastic production: A comprehensive review of PHB synthesis from Sugarcane bagasse using <i>Bacillus cerus</i>	International Journal of Research and Analytical Reviews	Jan 2024, vol 11, issue 1, pg 207-216	-	UGC CARE
23	Dr. Radha Palaniswamy	Characteristics and Applications of Carboxylmethyl chitosan – A Review	International Journal for Research Trends and Innovation.	Vol. 8, Issue:12. Pp. 690-695. January 2024. ISSN: 2456-3315.	8.14	UGC CARE
24	Dr. M.Poongothai	Optimization of Temperature for	Journal of University of Shanghai for Science and Technology	Jan 2024, 26, 1 & 50-62	0.22	SCOPUS

		Extraction of Protease from Coconut Shells				
25	Dr. M. Shanmugavadivu	Sources And Applications Of Chitin: A Review	International Journal of Pharmaceutical Sciences	Vol 2, Issue 4, 1152-1161 ISSN: 0975-4725	4.7	-
26	Dr. M. Shanmugavadivu	<i>Leucas aspera</i> And Its Economic Importance: A Review	International Journal Of Pharmaceutical Sciences	Vol 2, Issue 4, 1218-1222 ISSN: 0975-4725	4.7	-
27	Dr. R. Suganthi	An in vitro Anti-uroolithiasis Activity of a Herbal Formulation: <i>Spinacia oleracea L.</i> and <i>Coriandrum sativum L.</i>	Clinical Complementary Medicine and Pharmacology,	Volume 4, Issue 1, March 2024, 100124. https://doi.org/10.1016/j.ccmp.2023.100124 .		
28	Dr. M. Shanmugavadivu	Pharmaceutical Applications of <i>Moringa oleifera</i> Lam	International Journal of Pharmaceutical Sciences.	2024. 2(5): 1354-1359.	4.7	-
29	Dr. M. Shanmugavadivu	Industrial Applications of Lactic Acid Bacteria – A Review.	International Journal of Pharmaceutical Sciences.	2024. 2(5): 1104-1108.	4.7	-
30	Dr. P. Chidambara Rajan	Efficient Method for Tomato Leaf Disease Detection and Classification based on Hybrid Model of CNN	International Conference on Electronics and Sustainable Communication System (ICESC-2023)	979-8-3503-0010-9 Aug (2023), pp 1179-1184.	-	SCOPUS

		and Extreme Learning Machine.				
31	Dr. K. Kalimuthu	Algae Mediated Green Fabrication of Silver Nanoparticles <i>Sargassum Prismaticum</i> V.D. Chauhan and its Biological Application Potential	Analele Universității din Oradea, Fascicula Biologie	1224-5119 (2023) Issue: 1, 2023, pp. 28-38		WoS - (Web of Science)

Book Publications

S.No	Date	Name of the Staff	Name of the Book	Name of the Publisher	Year of publication	ISBN
1	September 2023	Dr. M.N. Kathiravan, Dr. K. Arungandhi, Dr. Arun P, Dr. M. Shanmugavadivu	Green Engineering and Environment Sustainability,	Cosmos Scientific Publications, Chennai.	2023	978-81-19359-15-8

Students Presentation

S.No	Date	Name of the Student	Name of the Event	Title of Presentation	Organization / Institution
1	14-Jul-2023 to 15-Jul-2023	Sathya K, Nagendiran E T	Recent Innovations in Health and Biological Sciences	Media formulation for solanum tuberosum callus growth optimization	PSG College of Arts and Science, Coimbatore

2	14-Jul-2023 to 15-Jul-2023	Dharani M	Recent Innovations in Health and Biological Sciences	Oral Presentation- Purification and characterization of Antifungal peptides (AFPs) from <i>Pseudomonas</i> sp.	PSG College of Arts and Science, Coimbatore
3	14-Jul-2023 to 15-Jul-2023	K. Dhanalakshmi	Recent Innovations in Health and Biological Sciences	Standardization of the callus induction, Auxiliary bud and direct shoot proliferation from <i>Bacopa monnieri</i> .	PSG College of Arts and Science, Coimbatore
4	28-Jul-2023	Pavithra M	Competition	E quiz on world hepatitis day	Srimad Andavan Arts And Science College
5	05-Aug-2023	Pavithra M	Seminar	Utilisation of waste into value added product using thermochemical method	SRM Institute Of Science and Technology, Chennai
6	28-Aug-2023	Priyadharshini P	Workshop	Nil	PSGR Krishnammal College For Women
7	06-Sep-2023 to 08-Sep-2023	Akileshwaran.K	International Conference On Algae: Food, Feed, Fuels and Fine Chemicals	Production and Characterization of Astaxanthin from Halophilic Microalgae <i>Dunaliella salina</i> KL008 and KL021 under Varied Culture Conditions	Bharathidasan University, Trichy
8	06-Sep-2023 to 08-Sep-2023	Dharani M	International Conference On Algae: Food, Feed, Fuels and Fine Chemicals	Effect of Ethyl MethaneSulfonate (EMS) Mutagenesis in upregulation of ACC, FAS, and DGAT to Enhanced Lipid Production in <i>Chlorella</i> sp.	Bharathidasan University, Trichy

9	06-Sep-2023 to 08-Sep-2023	Abivarshini. B	International Conference On Algae: Food, Feed, Fuels and Fine Chemicals	Exploring the bioactive molecules of Red algae for its wider applications.	Bharathidasan University, Trichy
10	06-Sep-2023 to 08-Sep-2023	Pradeepa G, Kowsalya P	International Conference On Algae: Food, Feed, Fuels and Fine Chemicals	Enhanced biodiesel production using <i>Nannochloropsis</i> sp, algal oil via SiO ₂ NPS immobilized lipase-catalyzed transesterification	Bharathidasan University, Trichy
11	06-Sep-2023 to 08-Sep-2023	Oviya Gouthaman	International Conference On Algae: Food, Feed, Fuels and Fine Chemicals	Effect of Ethyl Methane Sulfonate Mutagenesis in Upregulation of ACC, FAS & DGAT in <i>Chlorella</i>	Bharathidasan University, Trichy
12	06-Sep-2023 to 08-Sep-2023	Oviya.M	International Conference On Algae: Food, Feed, Fuels and Fine Chemicals	Biological importance of Marine macroalgae	Bharathidasan University, Trichy
13	05-Oct-2023 to 06-Oct-2023	Monisha G, Jayashree.J	International Conference on Biotechnological Emergence in Science & Technology – 2.0 (ICEBEST - 2023)	Extraction of Pigment from <i>Spathodea campanulata</i> And it's antioxidant property	SRM Institute of Science and Technology, Ramapuram, Chennai
14	09-Oct-2023 to 10-Oct-2023	Jeevanandham.S, Jaisurya.R	International Conference on interdisciplinary approach in Life sciences Research	Inoculation of Bacteria into Bioconcrete	Bharathidasan Arts and Science College
15	09-Oct-2023 to 10-Oct-2023	Monisha G	International Conference on interdisciplinary approach in Life sciences Research	Synthetic and Characterisation of Nanohydroxyapatite Bioceramic for Drug Loading Application	Bharathidasan Arts and Science College
16	31-Jan-2024	Tousika. S, Jaisurya R	National Conference BioME 24	Nutrition based enriched dark chocolate with Natural extract of	Sri Krishna Arts and Science College, Coimbatore

				Jamun, Pomegranate and Paneer Rose	
17	31-Jan-2024	Jeevanandham.S	National Conference BioME 24	Inoculation of bacteria into Bioconcrete	Sri Krishna Arts and Science College, Coimbatore
18	31-Jan-2024	Mathangi.S	National Conference BioME 24	Iron Jelly	Sri Krishna Arts and Science College, Coimbatore
19	09-Feb-2024	Priyadharshini.B. R, Ramya.G	MEDICINIK - 2024	Advancements in gene therapy	Karpagam Academy of Higher Education
20	15-Feb-2024	Kalaimathy S.L, Kaviya shri.M	9th International Conference on Recent advances in biosciences	Artificial Photosynthesis system combined with bacteria and nanowire to synthesize Targeted chemical products	KSG College of Arts and Science, Coimbatore
21	15-Feb-2024	Antony Berlin.A	9th International Conference on Recent advances in biosciences	Reduction of airborne pathogenic infection by using nanoparticles spray	KSG College of Arts and Science, Coimbatore
22	22-Feb-2024 to 23-Feb- 2024	Harish V.J	International Conference on Transdisciplinary Research in Life Sciences: Perspectives and Prospects - 2024	Degradation of effluents from textile dye industry by isolating potential bacteria	Kristu Jayanti College, Bengaluru, Karnataka
23	22-Feb-2024 to 23-Feb- 2024	Danush. P	International Conference on Transdisciplinary Research in Life Sciences: Perspectives and Prospects - 2024	Preparation Of Activated Carbon from Gulmohar Seed Pods	Kristu Jayanti College, Bengaluru, Karnataka

Students Participation

S. No.	Date	Name of the Student(s)	Event	Organization / Institution	Prize won
1	12-Jun-2023 to 19-Jun-2023	Priyadharshini B.R	National e-workshop on innovation and intellectual property rights	CSIR - Institute of Minerals and Materials Technology, Bhubaneswar	-
2	14-Jul-2023 to 15-Jul-2023	K. Dhanalakshmi, Nagendiran E T, Sathya K, Dharani M	International conference on Recent innovations in health and biological sciences	PSG College of Arts and Science, Coimbatore	-
3	05-Aug-2023	Preethika V J	Seminar on utilisation of waste on value added products using thermochemical methods	SRM Institute of Science and Technology	-
4	29-Aug-2023 to 31-Aug-2023	Sowmeeca.S	Mass Production of Marine Cladocerans and Copepods	Bharathidasan University, Tiruchirappalli	-
5	06-Sep-2023 to 08-Sep-2023	Dharani M, Akileshwaran.K, Pradeepa G, Abivarshini. B, Oviya Gouthaman, Kowsalya P, Oviya.M	International Conference on Algae: Food, Feed, Fuels and Fine Chemicals ICAF	Bharathidasan University, Trichy	-
6	11-Sep-2023 to 15-Sep-2023	Praveen K	Workshop	IRAI VI Research Centre For Bioinformatics	-

7	14-Sep-2023 to 16-Sep-2023	Oviya Gouthaman, Akileshwaran.K	Hands on training in Cancer Cell culture techniques	Sathyabama Institute of Science and Technology, Chennai	
8	16-Sep-2023	Ramya G, Priyadharshini B.R, Srimathi V	Miccon-23 Conference	Madurai Kamaraj University	-
9	03-Dec-2023 to 20-Dec-2023	Samyuktha A	Refresher and preparative Winter School (RPWS) in Biology	IISER Thiruvananthapuram	-
10	26-Dec-2023 to 30-Dec-2023	Vaisnavi A K, Abinayasri.R	Bioprocessing Strategies for Biofuels - Production, Modelling, Simulation & Optimization	SASTRA Deemed to be University, Thanjavur	-
11	08-Jan-2024	Jayshree. Hemavashini. P	J, Workshop on Bee Hiving	Tamil Nadu Agricultural University, Coimbatore	-
12	31-Jan-2024	Parvathy. K, Jyotsna Joy	Conference - National Conference BioME 24	Sri Krishna Arts and Science College, Coimbatore	-
13	10-Feb-2024	Harini. P, R. Aswathy, Sanjana. C	Innovative advances in biotechnology and nano biotechnology	Karpagam Academy of Higher Education	
14	04-Mar-2024 to 05-Mar-2024	Jyotsna Joy, Monika. P, Dwaaka. M.R, Dhapaswine M S, Harshavardhn. S	Two Day International Conclave on Anti-Microbial Resistance	PSGR Krishnammal College for Women	-

15	07-Mar-2024	Kowsalya.P	National Workshop On Advanced Characterization Technique	Amrita School of Physical Sciences, Amrita Vishwa Vidyapeetham, Coimbatore	-
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Consultancy

S.No	Date	Faculty	Amount	Consultancy agency
1	17-Oct-2023	Dr.Radha Palaniswamy	3000	Sri Kannapiran Mills coimbatore.
2	14-Sep-2023	Dr.Radha Palaniswamy	3000	Sri Kannapiran Mills coimbatore.
3	17-Apr-2024	Dr.S.Saranya	2550	Dr.N.G.P Arts and Science College Consultancy
4	11-May-2024	Dr. S. Saranya	500	Dr. N.G.P Arts and Science College Consultancy
5	29-May-2024	Dr. M. Poongothai	1150	Mr. Maheshwaran, KSR College of Arts and Science