

**SRI SANKARA ARTS & SCIENCE COLLEGE**

**ENATHUR, KANCHIPURAM**

**STAFF PROFILE**

**DEPARTMENT OF MICROBIOLOGY**



1.	<b>Name of the Staff</b>	<b>Dr N PRASANNABALAJI.</b>
2.	<b>Designation</b>	<b>ASSISTANT PROFESSOR</b>
3.	<b>Date of Joining</b>	<b>26-JUNE-2017</b>
4.	<b>Mobile Number</b>	<b>9786602703, 9042365169</b>
5.	<b>E-Mail ID</b>	<a href="mailto:prasannabalaji@sankaracollege.edu.in">prasannabalaji@sankaracollege.edu.in</a> <a href="mailto:applenpb@gmail.com">applenpb@gmail.com</a> ;
6.	<b>Nationality</b>	<b>INDIAN</b>
7.	<b>Academic Qualification</b>	<b>M.Sc., M.Phil., Ph.D. (ICAR-NET)</b>
8.	<b>Field of Specialization</b>	<b>General Microbiology, Phycology, Microbial Genetics, Research Methodology, Medical Microbiology.</b>
9.	<b>Ph.D., Thesis Title</b>	<b>“Pharmacognostical Characterization of Cyanobacterial Secondary Metabolites and Phycocyanin Pigment for Biomedical Applications”</b>
	<b>Awarding University, Year of Award.</b>	<b>Bharathidasan University, Tiruchirappalli, 2018.</b>

**10. Work Experience (in chronological order):**

<b>S.No.</b>	<b>Name of the Institution</b>	<b>Designation</b>	<b>Period</b>
1	Sri Sankara Arts & Science College, PG Department of Microbiology, Enathur, Kanchipuram, Tamil Nadu, India.	Lecturer	2001 – 2006
2	Apollo arts & science college, Department of Microbiology, Chennai, Tamilnadu, India.	Lecturer	2008 – 2011
3	Sri Sankara Arts & Science College, PG Department of Microbiology, Enathur, Kanchipuram, Tamil Nadu, India.	Assistant professor	June'2017 – Till date

## 11. Other Academic and Administrative Responsibilities:

S.No.	Name of the Institution/Committee	Position	Period
1.	EOSEAS, Muscat, Sultanate of Oman.	Project assistant	June 2006 - June 2008

## 12. Publications:

S.No.	Title	Journal & DOI	Year, Vol & Pages
1	Antibacterial activities of some Indian traditional plant extracts.	Asian Pacific Journal of Tropical Disease <a href="https://doi.org/10.1016/S2222-1808(12)60168-6">https://doi.org/10.1016/S2222-1808(12)60168-6</a>	(2012) vol 2 (1): S291-S295
2	Synthesis, characterization and antimicrobial studies on 13-membered-N 6-macrocyclic transition metal complexes containing trimethoprim.	Arabian Journal of Chemistry <a href="http://dx.doi.org/10.1016/j.arabjc.2014.11.033">http://dx.doi.org/10.1016/j.arabjc.2014.11.033</a>	(2014) 12: 1176 -1185
3	Antioxidant, Antimicrobial Potential of <i>Caulerpa racemosa</i> Collected from Gulf of Mannar Marine Biosphere Reserve.	Journal of Current Perspectives In Applied Microbiology (ISSN: 2278-1250)	(2014)vol 3(2): 28-36.
4	Isolation of colicinogenic <i>E. coli</i> , optimization of colicin production and transformation of Col plasmid	Journal of Applied Pharmaceutical Science DOI: 10.7324/JAPS.2014.40708	(2014) vol 4(7): 047-049
5	Synthesis, Characterization and Biological Screening of Unsymmetrical 11-Membered Tetraaza Macrocyclic Complexes containing Urea Synthesis	International Journal of ChemTech Research (ISSN : 0974-4290)	(2014) vol 6(2): 1028-1038.
6	Design, Spectral Characterization and Biological Evaluation of Unsymmetrical 11-Membered Tetraaza Macrocyclic Complexes containing Thiourea	International Journal of ChemTech Research (ISSN : 0974-4290)	(2014) vol 6(2):1039-1050
7.	In vitro assessment of <i>Lyngbya</i> sp. and <i>Phormidium</i> sp. extracts for antibacterial and antioxidant properties. Journal of Algal Biomass Utilization	Journal of Algal Biomass Utilization, (eISSN: 2229 – 6905)	(2017) 8(2): 16-29
8.	" $\beta$ -elemene: Mechanistic studies on cancer cell interaction and its chemosensitization effect."	Frontiers in Pharmacology doi: 10.3389/fphar.2017.00105	(2017) vol 8 (105): 1-8.

9.	Unraveling the presence of multi-class toxins from <i>Trichodesmium</i> bloom in the Gulf of Mannar region of the Bay of Bengal.	Toxicon <a href="http://dx.doi.org/10.1016/j.toxicon.2017.06.003">http://dx.doi.org/10.1016/j.toxicon.2017.06.003</a>	(2017) vol 135: 43-50
10	Influence of diet and dietary nanoparticles on gut dysbiosis	Microbial Pathogenesis <a href="https://doi.org/10.1016/j.micpath.2018.03.017">https://doi.org/10.1016/j.micpath.2018.03.017</a>	(2018) 118: 61-65
11	Encapsulation and in vitro Drug Release Studies of Anti Tuberculosis Drug Using Chitosan Nanoparticles.	World Journal of Medical Sciences DOI: 10.5829/idosi.wjms.2018.116.120	(2018) vol 15(3): 116-120
12	Isolation, Screening and characterization of potential streptomycetes sp., against clinical pathogens	International Journal of Research and Analytical Reviews, (E-ISSN 2348-1269, P- ISSN 2349-5138)	(2018) 5(4); 365-373
13	Applications of Feather Keratin Hydrolysate in Divergent Fields	Bioscience Biotechnology Research Communication DOI: 10.21786/bbrc/12.4/130	12(4)-2019
14	Green synthesis of gold nanoparticles using extracellular metabolites of fish gut microbes and their antimicrobial properties	Brazilian Journal of Microbiology <a href="https://doi.org/10.1007/s42770-020-00263-8">https://doi.org/10.1007/s42770-020-00263-8</a>	51(5)-2020
15	Novel Coronavirus (Covid-19): A Review on Epidemiology, Pathophysiology, Molecular Mechanism, Therapeutic Evidence and Preventive Measures	Oriental Journal of Chemistry <a href="http://dx.doi.org/10.13005/ojc/360405">http://dx.doi.org/10.13005/ojc/360405</a>	2020 36(4): 621-631
16	Bioconversion of chitin and concomitant production of chitinase and N-acetylglucosamine by novel <i>Achromobacter xylosoxidans</i> isolated from shrimp waste disposal area	Nature - Scientific Reports <a href="https://doi.org/10.1038/s41598-020-68772-y">https://doi.org/10.1038/s41598-020-68772-y</a>	10.1-2020
17	Bioactive metabolites produced from <i>Streptomyces enissocaesilis</i> SSASC10 against fish pathogens	Biocatalysis and Agricultural Biotechnology <a href="https://doi.org/10.1016/j.bcab.2020.101802">https://doi.org/10.1016/j.bcab.2020.101802</a>	29 (2020) 101802
18	<i>In vitro</i> screening of antimicrobial, antioxidant, cytotoxic activities, and characterization of bioactive substances from freshwater cyanobacteria <i>Oscillatoria</i> sp. SSCM01 and <i>Phormidium</i> sp.	Biocatalysis and Agricultural Biotechnology <a href="https://doi.org/10.1016/j.bcab.2020.101772">https://doi.org/10.1016/j.bcab.2020.101772</a>	29 (2020) 101772

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19	Chitin derivatives of NAG and chitosan nanoparticles from marine disposal yards and their use for economically feasible fish feed development	Chemosphere. <a href="https://doi.org/10.1016/j.chemosphere.2021.130746">https://doi.org/10.1016/j.chemosphere.2021.130746</a>	28,(2021) 130746
20	Applications of Natural Violet Pigments from Halophilic Chromobacterium violaceum PDF23 for Textile Dyeing with Antimicrobial and Antioxidant Potentials	Journal of Nanomaterials <a href="https://doi.org/10.1155/2022/3885396">https://doi.org/10.1155/2022/3885396</a>	23, (2022)
21	Histological validation of in-vivo larvicidal efficacy of marine <i>Streptomyces</i> sp. RD06 secondary metabolites against filariasis causing <i>Culex quinquefasciatus</i> and statistical media optimization for larvicidal derivatives production	Acta Tropica <a href="https://doi.org/10.1016/j.actatropica.2024.107226">https://doi.org/10.1016/j.actatropica.2024.107226</a>	255 (2024) 107226
22	Unlocking the potential of coal mine <i>microalgae</i> strains: Enhanced biodiesel production and CO <sub>2</sub> sequestration through cultivation optimization	Biomass and Bioenergy <a href="https://doi.org/10.1016/j.biombioe.2024.107489">https://doi.org/10.1016/j.biombioe.2024.107489</a>	(2024)
23	Enhancing biodiesel production in <i>Anabaena sphaerica</i> MBDU 105:exploring photo-, hetero-, and mixotrophic cultivation for biomass, lipid, and fuel properties	Biomass Conversion and Bioreinery. <a href="https://doi.org/10.1007/s13399-024-05640-z">https://doi.org/10.1007/s13399-024-05640-z</a>	15 April 2024
24	Characterization and antibacterial evaluation of Eco-friendly silver nanoparticles synthesized by halophilic <i>Streptomyces rochei</i> SSCM102 isolated from mangrove sediment	Molecular Biology Reports. <a href="https://doi.org/10.1007/s11033-024-09666-4">https://doi.org/10.1007/s11033-024-09666-4</a>	(2024) 51:730
25	The extracts of <i>Carica papaya</i> (Linn.): Phytochemical studies, antiinfective, antioxidant, and cytotoxic properties against	South African Journal of Botany. <a href="https://doi.org/10.1016/j.sajb.2024.11.009">https://doi.org/10.1016/j.sajb.2024.11.009</a>	(2025) 604 – 616

	cervical carcinoma		
26	Characterization of Bioactive Metabolites in Phormidium sp. PB21: Pigment Production, Antimicrobial Potential, and Toxicity Assessment	Chemistry & Biodiversity <a href="https://doi.org/10.1002/cbdv.202403415">https://doi.org/10.1002/cbdv.202403415</a>	(2025) 1 - 13
27	Recent advancements in microcystin detection: A comprehensive review of immunosensors and nucleic acid-based biosensors for efficient monitoring in drinking water and human samples	Talanta Open <a href="https://doi.org/10.1016/j.talo.2025.100495">https://doi.org/10.1016/j.talo.2025.100495</a>	(2025) 1 - 16

### 13. Awards / Distinction:

S.No.	Name of the Award	Venue	Period
1	Best presentation award in National seminar	Cauvery College for Women, Tiruchirappalli, Tamilnadu, India.	February, 2012.
2	Best presentation award in National seminar	Bharathidasan University, Tiruchirappalli, Tamilnadu, India.	July, 2013.
3.	Best Publication presentation award	Sri sankara arts and science collece, Enathur, Kanchipuram	May, 2020

### 14. Membership in Professional Bodies:

S.No.	Name of the Membership	Venue	Period
1.	Member in Indian Association of Applied Microbiologist of India	India	Lifetime
<b>JOURNAL PEER-REVIEWING</b>			
1.	Journal of Bioorganic chemistry - (ELSEVIER)		

2.	Chemosphere - (ELSEVIER)
3.	Journal of Materials Science and Engineering: C - (ELSEVIER)
4.	Oriental Journal of Chemistry – NAAS, India.
5.	International Journal of Biological Macromolecules (ELSEVIER)
6.	Aquaculture Reports (ELSEVIER)
7.	Biocatalysis and Agricultural Biotechnology (ELSEVIER)
8.	Biomaterial Advances (ELSEVIER)
9.	Textile Research Journal

### 15. Seminars Conferences organized /Participation:

S.No.	Program Attended	Place	Organized/ Participated	Period
1	“Trends in Molecular Biology and Biotechnology” conducted by the University of Madras	Chennai, India.	Participated	Aug, 1999
2	“40 <sup>th</sup> Annual Conference of Association of Microbiologist of India”	Bhubaneshwar, India.	Participated	Jan, 2000.
3	“National Seminar On The Emerging Trend In Bio-Diversity and Bio-Technology in The Indian Context” organized by Christ College.	Banglore, India.	Participated	25 <sup>th</sup> to 27 <sup>th</sup> September, 2003
4	“National Level Bioconsorsia On Recent Trends In Biological Sciences” Organized by Vysya College.	Salem, India.	Participated	20 <sup>th</sup> and 21 <sup>st</sup> February, 2004.
5	“3 <sup>rd</sup> National Conference of Indian Association of Applied Microbiologists (Iaam)” organized by Adhiparasakthi college of arts and science college,	Kalavai, Tamil Nadu, India.	Presented	5 <sup>th</sup> -7 <sup>th</sup> January, 2005
6	“National Symposium On Molecular Basis Of Diseases conducted at Department Of Biotechnology” at Indian Institute of Technology Madras (IIT),	Chennai, India.	Participated	8 <sup>th</sup> and 9 <sup>th</sup> January, 2005
7	“1 <sup>st</sup> Symposium on Medical Ethics & Law” conducted by National Organization for Bioethics & Law (NOBEL).	Chennai, India.	Participated	19 <sup>th</sup> and 20 <sup>th</sup> March 2005

8	“Isolation and Identification and Optimization of Alkaline Protease Producing <i>Bacillus Spp</i> ” organized by Sankara Arts and Science College, kanchipuram, India.	Kanchipuram, India.	Participated	29 <sup>th</sup> and 30 <sup>th</sup> December, 2005.
9	“National conference on Marine Fish Immunology and Immunotechnology” organized by at Annamalai University.	Parangipettai, India.	Participated	1 <sup>st</sup> to 8 <sup>th</sup> December 2011
10	National symposium on ‘Prospects and Retrospects in Microbial Technology’ organized at Cauvery College for women,	Tiruchirappalli, India.	Participated	17 <sup>th</sup> and 18 <sup>th</sup> February, 2012
11	National conference on ‘Microbiological Research in 21 <sup>st</sup> Century’ organized by Bharathidasan University,	Tiruchirappalli. India.	Participated	27 <sup>th</sup> and 28 <sup>th</sup> February, 2012
12	National conference on “Marine Fish and Shellfish Immunology and Immunotechnology” September by Annamalai University.	Parangipettai, India.	Participated	30 <sup>th</sup> to 31 <sup>st</sup> March, 2012
13	“Workshop on Microbial Enzyme Technology” organized by Pondicherry University,	Pondicherry, India.	Presented	19 <sup>th</sup> to 22 <sup>nd</sup> June, 2012
14	National seminar on ‘Cutting Edge Microbial Research and Challenges’ September by Bharathidasan University,	Tiruchirappalli, India	Participated	25 <sup>th</sup> and 26 <sup>th</sup> February, 2013
15	National Symposium on ‘Fundamental and Applied Phycology’ held at Punjabi University.	Patiala, Punjab, India.	Participated	25 <sup>th</sup> and 26 <sup>th</sup> March, 2013
16	National seminar on ‘Microbes and Human Welfare’ jointly organized by National Academy of Biological Sciences, Chennai and Bharathidasan University,	Tiruchirappalli , India.	Participated	20 <sup>th</sup> and 21 <sup>st</sup> July, 2013.
17	National conference on “Innovations, Implementations and Controversies of Animal Biotechnology” organized by Department of Animal science, Bharathidasan University.	Tiruchirappalli, India.	Participated	20 <sup>th</sup> and 21 <sup>st</sup> March, 2014.
18	National Seminar on “Immunomolecular Techniques and Applications” conducted at CAS, Annamalai University.	Parangipettai, India.	Participated	12 <sup>th</sup> and 13 <sup>th</sup> September, 2014
19	“National Seminar on Recent Trend in Life sciences” conducted at Jamal Mohamed College,	Tiruchirappalli, India.	Participated	25 <sup>th</sup> February, 2015
20	International conference “Biotechnology and its Applications in Aquaculture and Fisheries”, organized by Centre of advanced study in marine sciences, Annamalai University,	Chidambaram, India	Participated	23 <sup>rd</sup> – 25 <sup>th</sup> , August, 2017.

21	National conference “Recent advances in microbial technology for renewable energy, bioremediation, health and sustainable agriculture” organized by Department of Microbiology, Periyar university.	Salem, India.	Participated	24 <sup>th</sup> -25 <sup>th</sup> January, 2018.
22	International conference “Recent advances in biomedical technology ”(RABT-2018), organized by Department of Biotechnology, Thiruvalluvar University.	Vellore, India.	Participated	29 <sup>th</sup> – 31 <sup>st</sup> August, 2018
23	National conference on “Microbial Diseases: Emerging trends” organized by Department of Microbiology, Dr A.L.M Post graduate institute of Basic Medical Sciences, University of Madras.	Chennai, India.	Participated	13 and14 <sup>th</sup> November, 2018.
24	The Art of Writing Winnable Project Proposals, Jointly Organized by PG & Research Department of Biotechnology, Sri Sankara Arts & Science College and Centre for Intellectual Property Rights (CIPR), Anna university	Kanchipuram, India.	Participated	12 <sup>th</sup> july, 2019.
25	National seminar on Marine natural products as Pharmaceutical agents (NSMNP-2019)” organized by Centre for Ocean Research, Sathyabama Institute of science & technology	Chennai, Tailmnadu, India	participated	17 <sup>th</sup> and18 <sup>th</sup> September, 2019.
26	Microbes in our life organized by Sri Kailash womens college, Thalaivasal,	Salem, India	Participated	16 <sup>th</sup> -18 <sup>th</sup> March, 2020.
27	International online conference on Covid-19, organized by Manipal university.	Jaipur, India	participated	30 <sup>th</sup> April 2020
28	Emerging respiratory viruses, including COVID-19: methods for detection, prevention, response and control	World Health Organization.	participated	1 <sup>st</sup> May, 2020
29	Infection Prevention and Control (IPC) for Novel Coronavirus (COVID-19)	World Health Organization.	participated	2 <sup>nd</sup> May, 2020
30	Standard precautions: waste management	World Health Organization.	participated	15 <sup>th</sup> May, 2020
31	Two-Day Online Industry Led Training on Amazon Web Services (AWS) organised by department of computer science and information technology, R.M.K Engineering college.	Chennai, Tailmnadu, India	participated	4 <sup>th</sup> – 5 <sup>th</sup> June, 2020.
32	Decontamination and sterilization of medical devices	World Health Organization.	participated	7 <sup>nd</sup> June, 2020
33	Webinar On Networks Matter! Estimating The Spread Of Disease In Heterogeneous organised by National centre for cell culture	Pune, India	participated	25 <sup>th</sup> June, 2020

34	Faculty Enrichment Program on "Transcending From Fixed To Growth Mindset In Turbulent Times", organised by IQAC, Sri Sankara Arts and Science College.	Enathur, kanchipuram	participated	4 <sup>th</sup> July, 2020
35	Yoga for mental and respiratory health organized by Centre for drug discovery and development, Sathyabama Institute of science & technology	Chennai, Tailmnadu, India	Participated	20 <sup>th</sup> -22 <sup>nd</sup> july 2020
36	Nanoparticles for Biomedical Applications organized by Centre for drug discovery and development, Sathyabama Institute of science & technology	Chennai, Tailmnadu, India	Participated	23 <sup>rd</sup> July, 2020
37	Virtual conference On marine natural products – 2020 organized by Centre for Ocean Research, Sathyabama Institute of science & technology	Chennai, Tailmnadu, India	Participated	17 <sup>th</sup> to 21 <sup>st</sup> August, 2020.
38	Virtual conference on Aquaculture techniques and disease management organized by Centre for Ocean Research, Sathyabama Institute of science & technology	Chennai, Tailmnadu, India	Presented	14 <sup>th</sup> – 17 <sup>th</sup> September, 2020
39	Webinar On Naturopathy and Yoga In Commemoration of World Yoga Day Organized by Centre for Drug Discovery and Development, Sathyabama Institute of Science and Technology.	Chennai, Tailmnadu, India	Participated	22 <sup>nd</sup> Jun, 2021
40	International Webinar on "Role of Long Non-coding RNAs in Airway Mucoinflammation" organized by Department of Microbiology, Sri Sankara Arts and Science College,	Kanchipuram, Tailmnadu, India	Participated	29 <sup>th</sup> May, 2021
41	Webinar On "Group Decision Using Neural Data Fusion", organized by MANAV, National centre for cell Science.	Pune, India.	Participated	5 <sup>th</sup> August, 2021.
42	National webinar series -1 on Industry – Institution Collaboration, Organized by IQAC, Sri Sankara Arts and Science College.	Kanchipuram, Tamilnadu, India.	Participated	28 <sup>th</sup> August, 2021.
43	National seminar on ' COVID-19, Pre and Post Covid impact on Physical and Mental Health', organized by I QAC, Gurukula Kangri Deemed to be University, Haridwar.	Haridwar, India.	Participated	14 <sup>th</sup> to 15 <sup>th</sup> March, 2022.
44	National webinar on 'Avenues & Challenges in Tuberculosis Research' organized by the Centre for Drug Discovery and Development, Sathyabama Institute of Science and Technology.	Chennai, Tailmnadu, India.	Participated	25 <sup>th</sup> March, 2022.

45	VSD program on ‘Challenges and Opportunities in Food Industries’, organized by Centre for Drug Discovery and Development, Sathyabama Institute of Science and Technology.	Chennai, Tamilnadu, India.	Participated	27 <sup>th</sup> May, 2022.
46	Green Remediation of Hydrocarbon pollution using <i>Pseudomonas</i> spp., Microalgal & Bacterial-Algal Consortia: A critical review.Recent advances in Bioresource Technology (RBAT-2025),	Thiruvallur university poster	Presented	13 <sup>th</sup> & 14 <sup>th</sup> august, 2025.

#### 16. Participated as Resource Person:

S.No.	Program	Venue	Period
1	National conference on applications of computational biology in Omics, Organized by Dept. of biotechnology, Sri sankara arts and science college, kanchipuram.	Kanchipuram, Tamilnadu India.	11 <sup>th</sup> and 12 <sup>th</sup> October, 2018.
2	Act as Judge for Saveetha’s 10th Transdisciplinary Annual Research Summit ( X Star Summit 2023) held at Saveetha Dental College & Hospitals	Saveetha Dental College and Hospitals, Chennai. India.	12 <sup>th</sup> june to 16 <sup>th</sup> 2023.
3	Act as Judge for Dental Star Summit 2024 held at Saveetha Dental College & Hospitals	Saveetha Dental College and Hospitals, Chennai. India.	5 <sup>th</sup> july to 10 <sup>th</sup> July 2024.
4	Guest speaker National Conference on “Current Trends in Marine Biotechnology from Sustainable Bioresources for the Emerging Bioeconomy”	Sathyabama Institute of Science and Technology, Chennai. India.	28 <sup>th</sup> November to 29 <sup>th</sup> November 2024.
5	Act as Judge for research paper presentation in “IIUMINATE 2024 – A National conference on Innovation and Translational Research: funded by SERB, Govt. of India, held at A.C.S. Medical college and Hospital, Dr. M.G.R. Eduaction & Research Institue.	Chennai, Tamilnadu, India.	22 <sup>nd</sup> October to 23 <sup>rd</sup> October 2024.
6	Resource person in DHR-ICMR, event for National workshop on "Immunology and Immunotechnology" sponsored by ICMR, Govt. of India, held at CAS in Marine Biology, Parangipettai, Annamalai University.	Parangipettai, Annamalai University, Tamil Nadu.	20 <sup>th</sup> January 2025 to 21 <sup>st</sup> January 2025.
7	Guest Speaker/Resource person for the one-week ICMR-DHR sponsored workshop program on “Hands-On Training Workshop on Biomedical Research & Sustainable Innovations”	Parangipettai, Annamalai University, Tamil Nadu.	01.07.2025 to 07.07.2025

	sponsored by DHR-ICMR, Govt. of India, New Delhi.		
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### 17. Workshop & Training Programmes:

S.No.	Programe	Venue	Period
1.	Advanced Training in “ <b>Chromatographic methods of separation</b> ” in <b>Advanced Training Institute</b> , Govt Of India.	Chennai, India.	12 <sup>th</sup> to 16 <sup>th</sup> March, 2012.
2.	Short Term Training course on “ <b>Biomedical Applications of RNA i Technology</b> ” conducted at Anna University.	Tiruchirappalli, India.	28 <sup>th</sup> January to 10 <sup>th</sup> February 2015

### 18. Any other Details:

1. Qualified for ICAR-NET -2019, Agricultural Scientists Recruitment Board, Government of India.
2. Research projects Evaluator in IITM Pravartak Technologies Foundation, IIT Madras Research Park, Taramani, Chennai 600113.

### 19. FDP/ Refresher course/ Orientation

S.No.	Programe	Venue	Period
1	Faculty Development Programme on Data Science Using Python Programming organized by E&ICT Academy IIT Guwahati in association with Sri Sankara Arts and Science college.	Kanchipuram, India.	28 <sup>th</sup> January to 01 <sup>st</sup> February 2019.
2	FDP in Directions and Dimensions of Accreditation Criteria in the light of NEP for HEIs, organized by the Electronics and ICT Academy at PDPM IITDM Jabalpur with Sri Sankara Arts and Science College.	Kanchipuram, Tamilnadu, India	3 <sup>rd</sup> February to 12 <sup>th</sup> February 2022.
3	International Faculty Development Programme in Research methodology, organized by Amar sewa mandal kamla Nehru mahavidyalaya.	Nagpur, Maharashtra, India.	2 <sup>nd</sup> May to 7 <sup>th</sup> May, 2022

4	FDP on Diseases Due to Lifestyle changes, organised by Department of Allied Health sciences, Noorul Islam centre for higher education.	Kumaracoil, Kanyakumari Dst., Tamilnadu, India.	15 <sup>th</sup> May to 22 <sup>nd</sup> May 2024
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## 20. Patent details:

S.No.	Details	Design No	Grant Date	Issuing agent.
1.	Medical instrument for monitoring respiratory disease.	Design No : 391582-001 Serial No. : 147002	31/07/2023	The Patent Office, Government of India.
2.	Medical and Laboratory Equipment: Clinical surveillance equipment for lung disease.  Subclass: 01 Apparatus and Equipment for Doctors, Hospitals and Laboratories	Design number: 6303122	21/08/2023	UK Design patent. Intellectual property office