

## FACULTY PROFILE

<b>Name</b>	P.M.RAVI KUMAR
<b>Designation</b>	LECTURER
<b>Date of Birth</b>	19-08-1977
<b>Date of Appointment</b>	19/08/2002
<b>Date of Join in Current Station</b>	19/08/2002
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### ❖ Qualification: (highest to PG )

Qualification	Institution /University	Year
Ph. D(PURSUIING) - Biotech	PRIST UNIVERSITY, THANJAVUR	2019
M. Phil - Biotechnology	Alagappa University,karaikudi	2008
M. Sc Biotechnology	Barathidasan University, Tiruchirapalli	2001

### ❖ Career Profile

Designation	Institution	Period
ASSISTANT PROFESSOR(MTS)	S.G.S.ARTS COLLEGE, TIRUPATI	2002 to TILL DATE

### ❖ Training Programmes (OC/ RC/ Others) : Total No: 21 (View)

### ❖ Seminars / Workshops/ Conferences : Total No: 75 (View)

### ❖ Research Publications: Total No: 11 (View)

### ❖ Administrative Assignments:

<ul style="list-style-type: none"> <li>➤ Sitting observer of SV University UG examinations</li> <li>➤ Question paper setter for different universities</li> <li>➤ S.V.University Spot valuation</li> <li>➤ Member of Corana awareness committee</li> <li>➤ Member of swatch Barath committe</li> <li>➤ U.G. Admissions Committee Member</li> <li>➤ Student Ward System Member</li> <li>➤ Member of Art-of-Living committee</li> <li>➤ Member of Subhodayam Committee</li> </ul>
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**ANNEXURE-I****Research Papers Published :**

S. No	Title with Page No.	Journal	ISSN/ISBN No.	Impact factor/Peer reviewed if any
1.	Lipophorin transport of hydrocarbon during early vitellogenesis in silkworm, Bombyx mori	Journal of Asia Pacific Entomology ELSEVIER	12268615	7.97
2.	Application of Nanoparticles in Cardiovascular disease, current trends in Biotechnology and pharmacy	Nano Biomedicine and Engineering	21505578	0.78
3.	Water is Indicator for coronavirus dissemination	Journal of Lifesciences Bioinformatics pharmaceutical and chemical sciences	24546348	2.553
4.	Physiological and Biological abnormal changes in testes of male rat by the activity of DDT pesticide	Bioscience Biotechnology Research communications	23214007	2.985
5.	Production, purification and characterization of Exo-polygalacturonase activities of soil isolate Bacillus magisterium	International journal of research and analytical review	23481269	7.583
6.	Adaptations of chunam tree frogs (Polypedates Maculatus)	International journal of research and analytical reviews	23481269	7.582
7.	Regulation of male Reproduction system – mechanism of Action of organochlorines and organophosphates in Relation to Abnormal sperm quality	International journal for Innovative Research in Multidisciplinary Field	24550620	6.719
8.	A Review on basic ingredients of cottage cheese manufacturing (submitted)	Current trends in Biotechnology and pharmacy, SCOPUS	09738916	0.317
9.	Isolation and Identification of Bacterial Strains from drinking water (submitted)	Current trends in Biotechnology and pharmacy, SCOPUS	09738916	0.317
10.	A Review about Basics Of Biostatistics	International Research Journal of Modernization in Engineering Technology and Science	25825208	5.354
11.	Future of Biostatistics	International journal for innovative research in multidisciplinary field	ISBN number 47793	

## ANNEXURE-II

### **Papers in Conference/Seminar/ Workshops .** **Faculty Development Programmes:**

S.No	Speaker in seminars, faculty forum, conferences, short term training courses, talks, lectures, membership of associations, dissemination and general articles  not covered under category of research and academic contributions
1.	Four week International FDP on MEDICAL BACTERIOLOGY organized by SACRED HEART COLLEGE (autonomous), Tirupattur, in association with MICROBIOLOGISTS SOCIETY, INDIA and LABORATORY OF CHEMICAL AND BIOLOGICAL ANALYSIS (LAQB), WESTERN RIO JANEIRO STATE UNIVERSITY (UEZO), RIO DE JANEIRO, BRAZIL
2.	Ten days online Faculty Development program on Teaching Learning and Assessment, organized by CENTRAL UNIVERSITY OF RAJASTHAN UNDER THE SCHEME OF PANDIT MANDAN MOHAN MALAVIYA NATIONAL MISSION ON TEACHERS AND TEACHING
3.	3-Day online Faculty Development program on Quality sustainability and quality enhancement strategy organised by IQAC of KKR and KSR Institute of technology and Sciences, Guntur
4.	One week Faculty development program on essentials for blended learning organized by Dr.MGR educational and Research Institute, Chennai
5.	Five days FDP on Deep learning with Matlab and python organised by SRM institute and technology, Chennai
6.	Five days International online FDP on current perspectives in proteogenomics organized by Department of Biotechnology, Vignan's Foundation for science technology and research, Guntur
7.	One week online FDP on emerging trends in information technology organised by institute of Information technology and Management, New Delhi
8.	One week online FDP program on LATEX conducted by Jamshedpur women's college in collaboration with IIT Bombay
9.	One week National level FDP on capacity building and skill enhancement for higher teachers organised by Indira Priyadarshini Govt degree college for women, Nampally, Hyderabad
10.	Three days online FDP on impact of Covid-19 on Higher education and research organized by University of Madras
11.	Five days FDP on evolving trends in Biotechnological Research organised by the Department of Biotechnology, Sri Venkateswara college of Engineering, Chennai
12.	Five days FDP titled Deep learning with matlab and Python organised by SRM Institute of science and Technology, Ramapuram campus, Chennai
13.	One week FDP on Artificial intelligence and Machine Learning in Healthcare organised by Birla Institute of Technology, Mesra

14.	Two days FDP on Sustainable e-Learning Trends in Pharmacy Education and Training organised by Institute of pharmacy and Technology,Salipur
15.	Seven day FDP on Entrepreneurship Development organized by centre of molecular and Nanomedical sciences,sathyabama institute of Science and Technology,Chennai
16.	Twenty days of FDP on R program on programming Andhra Pradesh State Skill Development Corporation
17.	One week hands on FDP on Artificial Intelligence using Python , organized by CMR Engineering college,Hyderabad
18.	Two day FDP on Art of Effective Teaching organized by the Dr.MGR Educational and Research Institute,Chennai
19.	Five day National E-FDP on challenges in chemistry and its application towards Energy Resources organized byDr.MGR Educational and Research Institute,Chennai
20.	Three day FDP on plants for food and Health care organized by YOGI VEMANA UNIVERSITY,KADAPA
21.	Five days FDP on Artificial Intelligence and Machine learning in Healthcare organized by BIRLA INSTITUTE OF TECHNOLOGY,MESRA

### **Conferences/Seminars/Workshop attended**

S. No	Title of the paper Presented/Participated	Organized by	International, National, Regional, local-university/Collegelevel
1.	International seminar on recent advances in emerging technologies and its impact on Biological Sciences	Department of Biotechnology,Vikrama Simhapuri University,Nellore	International seminar on recent advances in emerging technologies and its impact on Biological Sciences
2.	National seminar on Bioinformatics	National seminar on Bioinformatics	National seminar on Bioinformatics
3.	Conference on world ozone day celebrations -2018	ANDHRA PRADESH STATE COUNCIL OF SCIENCE & TECHNOLOGY (APCOST)	Conference on world ozone day celebrations -2018
4.	Participated in 104 <sup>th</sup> Indian science congress, S.V. University, Tirupati	MINISTRY OF SCIENCE AND TECHNOLOGY,GOVERNMENT OF INDIA	Participated 104 <sup>th</sup> Indian science congress
5.	science Academics lecture workshop on Recent Advances in Bio-Sciences	Government Degree college,Puttur	science Academics lecture workshop on Recent Advances in Bio-Sciences
6.	National seminar Emerging Trends in chemical,material and Environmental sciences	Department of chemistry,Goverment Degree & Pg college ,Puttur	National seminar Emerging Trends in chemical,material and Environmental sciences

7.	National level Brainstorming conference on organic Agriculture	Horticultural Research stationooty,sponsored by Ministry of Agriculture and Co-operation,Govt.of India under the,NATIONAL HORTICULTURAL MISSION	National level Brainstorming conference on organic Agriculture
8.	International webinar on Genomic data analysis and Tools	the department of Bioinformatics,Bharthiar University,Coimbatore	International webinar on Genomic data analysis and Tools
9.	International web conference on Biotechnology for a better tomorrow	Department of Biotechnology,kamaraj college of Engineering and technology,Madurai	International web conference on Biotechnology for a better tomorrow
10.	International virtual conference on Novel Biotechnological Approaches to combat Emerging Diseases with special focus on SARS associated coronavirus therapeutics	Department of plant Biology and Biotechnology,Presidency college,Chennai	International virtual conference on Novel Biotechnological Approaches to combat Emerging Diseases with special focus on SARS associated coronavirus therapeutics
11.	International virtual conference on recent trends in plant genetics and genomics	VIT school of Agricultural innovations and advanced	International virtual conference on recent trends in plant genetics and genomics
12.	National webinar on recent Biotechnological tools for crop improvement	Acharya N.G.Ranga Agricultural University,Guntur	National webinar on recent Biotechnological tools for crop improvement
13.	International webinar on covid-19 pandemic	Institute of Bioinformatics,Bangalore	International webinar on covid-19 pandemic
14.	International webinar CRISPR-cas9,how this gene editing tool is changing the world	Department of Biotechnology,SRM Arts and science college,Chennai	International webinar CRISPR-cas9,how this gene editing tool is changing the world
15.	Three days skill development programme on revitalizing skills	Dr.MGR educational and Research institute,Chennai	Three days skill development programme on revitalizing skills”
16.	National webinar on interface of chemistry and Biology a molecular approach	Krishna nagar government college,west Bengal	National webinar on interface of chemistry and Biology a molecular approach
17.	Online internship training programme on exploring Biotechnological tools for Human welfare	Department of Zoology,M.V.M college,Dindigul	Online internship training programme on exploring Biotechnological tools for Human welfare
18.	National seminar on Water borne pathogens the never ending threat	Department of Microbiology,Auxillium college(Autonomous) vellore	National seminar on Water borne pathogens the never ending threat

19.	International web conference on the science of yogic breathing	Department of Biotechnology, Presidency college, Chennai	International web conference on the science of yogic breathing
20.	National level webinar on Avant-Garde strategies towards enhancing LSRW skills	Dr.MGR chokalingam Arts college, Vellore	National level webinar on Avant-Garde strategies towards enhancing LSRW skills
21.	International webinar on plants for Restainable living of human kind	Sri Padmavathi Mahila Viswavidyalayam, Tirupati	International webinar on plants for Restainable living of human kind
22.	Three days online FDP on impact of Covid-19 on Higher education and research	University of Madras	Three days online FDP on impact of Covid-19 on Higher education and research
23.	National webinar on writing on Research Grant proposal	SRM university, New Delhi	National webinar on writing on Research Grant proposal
24.	International webinar series on plant Genomics	Savithribhai Phule Pune university, Pune	International webinar series on plant Genomics
25.	National webinar on Fermentation technology	K.R.college of Arts and Science, Kovilpatti	National webinar on Fermentation technology
26.	Five days National workshop on online platform for teaching and research	The Tamil nadu Dr.Ambedkar Law university, Chennai	Five days National workshop on online platform for teaching and research
27.	Webinar on Molecular basis of regulation of transcription by second messenger ppGpp organised by centre for Molecular and Nanomedical sciences	Sathyabama Institute of science and Technology, Chennai	Webinar on Molecular basis of regulation of transcription by second messenger ppGpp organised by centre for Molecular and Nanomedical sciences
28.	One week pharma graduates development programme on carrer opportunities for pharma graduates	MNR college of pharmacy, Hyderabad	One week pharma graduates development programme on carrer opportunities for pharma graduates
29.	International webinar on Genome Editing to Enhance Multiple Disease Resistance in crop plants	PLANTGENOMIA	International webinar on Genome Editing to Enhance Multiple Disease Resistance in crop plants
30.	Two day industry Academia collaborative workshop on Recent trends in molecular modelling and drug designing	Amity University, Maharashtra	Two day industry Academia collaborative workshop on Recent trends in molecular modeling and drug designing
31.	Five day International workshop on quantitative Genetics and Genomics in Plant breeding	Vignan's Fondation for Science, Technology and Research, Guntur	Five day International workshop on quantitative Genetics and Genomics in Plant breeding
32.	Three days International conference on Omics of Plant-Pathogen interaction with their implication	National Institute of Technology, Rourkela, Odisha	Three days International conference on Omics of Plant-Pathogen interaction with their implication

33.	Two days DST-PURSE sponsored webinar on Frontiers in Biotechnology-FBT 2020	Department of Biotechnology, Bharathiar University, Coimbatore	National Two days DST-PURSE sponsored webinar on Frontiers in Biotechnology-FBT 2020
34.	National e-Workshop on Modern Analytical Techniques for Material characterization	GITAM school of Science, Bengaluru	National e-Workshop on Modern Analytical Techniques for Material characterization
35.	e-Workshop on research Methodology and publication Ethics organized by Jawaharlal Nehru university, New Delhi International industry academia conclave on redefining phytomedicines for post covid era	Guru Nanak college (Autonomous), Chennai	National e-Workshop on research Methodology and publication Ethics organized by Jawaharlal Nehru university, New Delhi International industry academia conclave on redefining phytomedicines for post covid era
36.	International webinar on Scientific thought for corona (Covid-19) virus from formulation perspective	Mizoram University	International webinar on Scientific thought for corona (Covid-19) virus from formulation perspective
37.	International webinar on Genetic Scissors (CRISPR-Cas9) Nobel prize in 2020	DST PURSE and Envis Biotechnology, University of Kalyani, West Bengal	International webinar on Genetic Scissors (CRISPR-Cas9) Nobel prize in 2020
38.	National webinar on establishing new teaching learning skills and methodologies amidst covid-19 pandemic	Uttarakhand science education and Research centre, Govt. of Uttarakhand	National webinar on establishing new teaching learning skills and methodologies amidst covid-19 pandemic
39.	National webinar on the amazing power of Botanicals into the area of cancer therapy	Karmaveer Bhaurao Mahavidyalaya, Pandharpur	National webinar on the amazing power of Botanicals into the area of cancer therapy
40.	International webinar on The essential Leap	Department of Education Sri padmavathi Mahila Visvavidyalayam, Tirupati	International webinar on The essential Leap
41.	Virtual symposium on Application of Next generation data analysis in omics	School of Agricultural Biotechnology, Punjab Agricultural University, Ludhiana	Virtual symposium on Application of Next generation data analysis in omics
42.	National webinar on Effective methods and strategies for quality Research paper writing and Academic publishing	Swami Rama Himalayan University	National webinar on Effective methods and strategies for quality Research paper writing and Academic publishing
43.	Webinar series on Covid-19 from 9 September 2020- 7 October 2020	SRM Institute of Science and Technology in partnership with UNICEF	National Webinar series on Covid-19 from 9 September 2020- 7 October 2020
44.	National webinar on why do we get variable Efficacy with Medicinal plant	Food and Agriculture Foundation Amity University, Noida	National webinar on why do we get variable Efficacy with Medicinal plant

45.	National webinar on Developing a potent vaccine against the SaRS –Cov2 Feasaibility and challenges	Maitreyi college,University of Delhi	National webinar on Developing a potent vaccine against the SaRS –Cov2 Feasaibility and challenges
46.	National webinar on Exploratory Analysis and Visualiztion of Text Data for Research Using open source Tools organised by Manipur University	Manipur University	National webinar on Exploratory Analysis and Visualiztion of Text Data for Research Using open source Tools
47.	UGC sponsored hands on practice on Natural language processing under Machine Learning techniques	UGC HRDC,University of Madras	UGC sponsored hands on practice on Natural language processing under Machine Learning techniques
48.	National webinar on the use of genome editing in poultry breeding	Department of Biotechnology,Central University of Haryana	National webinar on the use of genome editing in poultry breeding
49.	International webinar on Covid-19 current status of Vaccine development and immunization	Mangalore University and Microbiologists society,India	International webinar on Covid-19 current status of Vaccine development and immunization
50.	International webinar on present and future strategies to combat emerging and remerging contagious diseases	the Department of Microbiology,The university of Burdwan,West Bengal	International webinar on present and future strategies to combat emerging and remerging contagious diseases
51.	International webinar on sustainable biodiversity for sustainable livelihood	Department of Botany and Zoology with IQAC ,Raghnathpur college	International webinar on sustainable biodiversity for sustainable livelihood
52.	Two day International webinar on Biotechnology;Modern MolecularApproaches	Department of Biotechnology,Sri Padmavathi Mahila Viswavidyalayam,tirupati	Two day International webinar on Biotechnology;Modern MolecularApproaches
53.	International webinar on Plant diseases of past,present and control measures	Department of Botany ,Vivekananda college,Madurai	International webinar on Plant diseases of past,present and control measures
54.	National webinar on control of Marine Biofoling with natural and Nano Materials	Chennai Science Colloquium(CSC),Chennai	National webinar on control of Marine Biofoling with natural and Nano Materials
55.	International webinar on Covid-19: A Global Pandemic	Zoology and physiology,Bajkul Milani Mahavidyalaya Kismat Bajkul,West Bengal	International webinar on Covid-19: A Global Pandemic
56.	International webinar on Emerging Trends in Biotechnology and Bioinformatics 2020	Department of Biotechnology and Bioinformatics Yogi Vemana University,Kadapa	International webinar on Emerging Trends in Biotechnology and Bioinformatics 2020



57.	International webinar series on Biomolecular Dynamics and Kinetics	National Institute of Technology,Rourkela	International webinar series on Biomolecular Dynamics and Kinetics
58.	Four days National workshop on Skill Building creating and Empowering Leaders of Tomorrow	Kaveri College of Arts,science and Commerce,Pune	Four days National workshop on Skill Building creating and Empowering Leaders of Tomorrow
59.	National webinar on Mechanisms of Cancer Induced Cachexia	Mizoram University	National webinar on Mechanisms of Cancer Induced Cachexia
60.	International webinar on The challenges and Scientific Advances of SARS –COV 2	Assam University Springer Nature	International webinar on The challenges and Scientific Advances of SARS –COV 2
61.	One month webinar series on Genomics of Covid=19 –hurdles in developing vaccines and Drugs	The Inter University Centre for Genomics and Gene Technology,University of Kerala	One month webinar series on Genomics of Covid=19 –hurdles in developing vaccines and Drugs
62.	Three day workshop on Publishing ethics and Research Methodology	Jawaharlal Nehru University New Delhi	Three day workshop on Publishing ethics and Research Methodology
63.	National level webinar on Introduction to Nanoscience and Nanotechnology	Dr.MGR Educational and Research Institute,Chennai	National level webinar on Introduction to Nanoscience and Nanotechnology
64.	National level webinar on I- Stem Agateway for researchers stepping towards aatm nirbhar Bharat	Aatm nirbhar Bharat organized by Dr.MGR Educational and Research Institute,Chennai	National level webinar on I- Stem Agateway for researchers stepping towards aatm nirbhar Bharat
65.	National webinar on NAAC Assessment and Accrediation process and Awareness about the NEP 2020	SRI PADMAVATHI MAHILA VISVAVIDYALAYAM,TIRUPATI	National webinar on NAAC Assessment and Accrediation process and Awareness about the NEP 2020
66.	National webinar on Importance of organic production and organic certification procedures	M S SWAMINATHAN RESEARCH FOUNDATION ,CHENNAI	National webinar on Importance of organic production and organic certification procedures
67.	Two days national level webinar on Recent advnces in Nanoscience and its applications	JAWAHARLAL NEHRU UNIVERSITY,NEW DELHI	Two days national level webinar on Recent advnces in Nanoscience and its applications
68.	International webinar on Infectious viral diseases and vaccines or remedialconcepts	S.G.GOV.T.DEGREE AND PG COLLEGE,PILER	International webinar on Infectious viral diseases and vaccines or remedialconcepts
69.	Virtual workshop on Nanotechnology and pharmaceutics	The Department of Biotechnology, KARPAGA VINAYAGA COLLEGE OF ENGINEERING AND TECHNOLOGY,CHENGALPATU	Virtual workshop on Nanotechnology and pharmaceutics

70.	Short-term Training program,Hands on training in computational drug designing approach,	Department of Biotechnology & IQAC of KARPAGA VINAYAGA COLLEGE OF ENGINEERING SAND TECHNOLOGY ,CHENGALPATTU	Short-term Training program,Hands on training in computational drug designing approach,
71.	5-DAYS National e-conference on Examination Transformation	council of Examiners,India and Skillslate,Pune	5-DAYS National e-conference on Examination Transformation
72.	Two days webinar on Big Data Analytics ; Concepts & Techniques	ANNAMALAI UNIVERSITY	Two days webinar on Big Data Analytics ; Concepts & Techniques
73.	A five day International online workshop program on Artificial Intelligence Tools for Accelerated Drug discovery against Covid-19	Department of Biotechnology,VIGNAN'S FOUNDATION FOR SCIENCE ,TECHNOLOGY & RESEARCH,GUNTUR	A five day International online workshop program on Artificial Intelligence Tools for Accelerated Drug discovery against Covid-19
74.	3 days International programme	university of Kalyani in collaboration with COM-JNM,Hospital,Nadia,West Bengal	3 days International programme
75.	National webinar on Enzyme kinetics & Basics of Molecular Docking	Young Biologist education	National webinar on Enzyme kinetics & Basics of Molecular Docking