


# Resume

<b>Name</b>	<b>: Dr. Niranjana Pathappa</b>	
<b>Father Name</b>	: Pathappa	
<b>Date of Birth</b>	: 31-07-1971	
<b>Sex</b>	: Male	
<b>Nationality</b>	: Indian	
<b>Marital Status</b>	: Married	
<b>Languages known</b>	: Kannada, English & Hindi,	
<b>Designation</b>	: Associate Profesor & Chairman	
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## Educational Qualifications

Qualification	Name of the board/ University	Year of Passing	Subjects Studied
<b>B.Sc.</b>	Kuvempu University, Shimoga, Karnataka.India	1993	<b>Specialization:</b> Chemistry Botany Zoology
<b>M.Sc.</b>	Kuvempu University, Shimoga, Karnataka.India.	1996	<b>Specialization:</b> Biochemistry
<b>Ph.D</b>	Kuvempu University, Shimoga, Karnataka.	2008	<b>Topic:</b> “Biochemical Characterization of Alphonso Mango ( <i>Mangifera indica</i> ) and Robusta banana( <i>Musa paradiseaca</i> ) during Post harvest Management.
<b>Proficiency Course</b>	Indian Institute of Science, Bangalore, India.	1999	Plant Biotechnology and Molecular Biology
<b>Proficiency Course</b>	Indian Institute of Science, Bangalore, India.	2004	Genetic Engineering

## Post Doctoral Research.

Sl.No.	Year and Duration of Study.	University/Institution	Fellowship/ Funding Agency	Title of the Work
01	2009-2010	Indian Veterinary Research Institute (IVRI) Bangalore	DBT-Post Doctoral Research, Govt. of India.	“Role of non-structural proteins in Foot and Mouth disease Virus replication mechanism”

## Teaching and Research Experience:

Designation	Subjects taken	Duration	Place of work
Associate Professor & Chairman	Biochemistry (Theory and Practicals)	Jan 2022 to Present	Department of PG Studies and Research in Biochemistry, Kuvempu University, Shimoga Dist. Karnataka
Assistant Professor	Biochemistry (Theory and Practicals)	2010 to Jan 2022	Department of PG Studies and Research in Biochemistry, Kuvempu University, Shimoga Dist. Karnataka.

**Research Experience:** Since 1996 to till date

## Title of the PhD Research Work:

Biochemical Characterization of Alphonso Mango (*Mangifera indica*) and Robusta banana (*Musa paradisiaca*) during Post harvest Management.

## Awards

Academic research publication	Award for research publication under VGST scheme	VGST - vision group on science and technology. 56001 Bangalore	2016
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## Research Projects:

Sl. No.	Title of the Project	Funding Agency/ Head	Amount in lakhs (Rs.)	Major/ Minor	PI/Co-PI	Remarks
01	Development of Dipstick Assay and Nano-Biosensor for the Detection of Organophosphorus and Carbamate Pesticides in Biomedical samples	V.G.S.T CESEM Project 2016-17/GRD-528/2017-18/115/291 Dated 14-12-2017	Rs. 60	Major	PI	Ongoing
02	To strengthen the PG and Research facilities in the department of Biochemistry	DST - Gov. of India (L1)	117	Major		Ongoing
02	Identification and Biochemical characterization of Organophosphorus Pesticide tolerant strains of <i>Trichogramma</i> from paddy fields.	University Grants Commission (UGC), New Delhi	16.38	Major	P.I.	Completed
03	Biochemical characterization of insecticide tolerant strains of <i>Tricogramma</i> species from paddy fields	Kuvempu University/ UGC-unassigned grant.	Rs 0.50	Minor	P.I.	Completed

## Ph.D. Guidance:

## Ph.D. Guidance (Awarded):

### Order number:

Sl. No	Name of the candidate	Research Topic / Reg. date and Reg. No./ Date of Award
1	M. E. Veena	Isolation and characterization of pharmacologically active Components from “ <i>Nardostachys jatamansi</i> ” and <i>Cryptocarya stocksii</i>
2	Vijayshree I. S	Biosynthesis, characterization and pharmacotoxicological effect of Noble Metal Nanoparticles and their alloys
3	S. Nandhini	Metal Nanoparticles for the construction of Enzymatic Biosensors
4	Manjunath Gowda K. S	Biochemical Characterization of antiviral red Fluorescent protein (RFP) isolated from silkworm <i>Bombyx mori</i> . L
5	Ondara Zablon	Biochemical and molecular characterization of esterase from

	Kerima	Trichogramma (Trichogramma:Hymenoptera)
6	Mr. Naveen Kumar HN	“In vivo and invitro toxicity evaluation of organophosphorus pesticides”
7	Ms. Sowmya HR	On the regulation of canopy architecture in Rice-An approach based on genetic and molecular analysis of contrasting mutants
8	Sunil S V	Molecular cloning and Biochemical characterization of Antimicrobial pepetide from <i>Trichogramma chilonis</i>

### Ph.D. Guidance (Working):

Sl. No	Name of the candidate	Research Topic / Reg. date and Reg. No./ Date of Award
1	Vinay Kumar B. S	Development of sensor for the detection of organophosphorus pesticides in milk, milk products and feedstuff
2	Vidhatri B S	Host egg interaction in <i>Trichogramma chilonis</i> egg parasitoid
3	Roopa K	Effects of pyrethroids on Trichogramma
4	Manjappa K	Pharmacological evolution of <i>Trichogramma chilonis</i> defencin derived peptides
5	Meghashree M C	Molecular cloning and characterization of serine protease from <i>Trichogramma chilonis</i>

*Citations (as on 24-06-2024) : 422*

*H-Index : 11*

*i10-Index : 11*

### List of Papers Published:

Sl. No.	Title of the paper, Authors, <i>Journal</i> , <i>IF</i> , <i>Vol./ Ed.</i> , <i>Page No.</i> , <i>Year</i> .
25	Suma K et.al (2023) Phytochemical Screening of leaf and bark extracts of <i>Miliusa tomentosa</i> (Hoom) VOLUME 8 ISSUE 5 147-56
24	Fayaj A. Mulani et. al. (2022)Ultra-high performance liquid chromatography Q-Orbitrap MS/ MS–based profiling and quantification of limonoids in Meliaceae plants. <i>Analytical and Bioanalytical Chemistry</i> (2022) 414:6093–6106 . <b>IF: 4.3</b>
23	Shimoga V. Sunil et. al (2022) Characterization and biochemical activities of novel functional antimicrobial peptide(AMP) from <i>Trichogramma chilonis</i> .
22	Sunil SV et.al (2021). In Silico Characterization of a Transcript Code Based Screening

	of Antimicrobial Peptide from <i>Trichogramma chilonis</i> . International journal of peptide research and therapeutics. <b>IF 1.95</b>
21	Sowmya Handenahally et.al (2020). Relative contribution of stomatal parameters in influencing WUE of leaf mass area mutants of rice, Plant Physiology Reports. <b>IF 1.198</b>
20	Sowmya Handenahally et.al (2020) Leaf mass area determines water use efficiency through its influence on carbon gain in rice mutants Physiologia Plantarum. 169, 194-213. <b>IF 3.19</b>
19	Naveen Kumar H N, Meghana, Arun K Shettar, T G Thippeswamy and P Niranjana (2020). Analysis of Pesticide Monocrotophos toxicity using <i>Drosophila melanogaster</i> model. J Pharm Sci & Res 12(4): 561-568
18	Manjunatha Gowda K.S., Anita Peter., N.B.N. Mahantesha, Ravindragouda Patil and Niranjana. P (2018) Chlorophyllid $\alpha$ Binding Protein Gene Expression from the Midgut of Polyvoltine Kolar Gold Silkworm Hybrid, Asian journal of microbiology, biotechnology and environmental sciences, 20: S159-162. ISSN:0972-3005.
17	G.K.S. Manjunatha, Anitha Peter, Mahantesha B.N. Naika, P. Niranjana P. Shamprasad (2018) Identification of In-Vitro Red Fluorescent Protein with Antipathogenic Activity from the Midgut of the Silkworm ( <i>Bombyx Mori L.</i> ). Protein & Peptide Letters 25 (3):302-313 <b>IF.1.89</b>
16	Ondara Zablon Kerima, Pathappa Niranjana, Vinay Kumar B S, Rajeshwar Ramachandrappa, Sharanappa Puttappa, Y Lalitha, Sushil K Jalali, Chandish R Ballal, Hirekodathakallu V. Thulasiram (2018) De novo transcriptome analysis of the egg parasitoid <i>Trichogramma chilonis</i> Ishii (Hymenoptera: Trichogrammatidae): A Biological control agent. Gene Reports 13:115-129. <b>IF3.68</b>
15	Ondara Zablon Kerima, <b>Pathappa Niranjana</b> , Yadavalli Lalitha, Vinay Kumar B S, Sushil K Jalali, Chandish R Ballal (2017). Inheritance of Monocrotophos Resistance in Egg Parasitoid <i>Trichogramma chilonis</i> Ishii (Hymenoptera: Trichogrammatidae) Current Agriculture research Journal, vol5, No (3) 297-304
14	Seetharamaiah Nandini et. al. Metal-ion co-ordination assembly based multilayer of one dimensional Gold nanostructures and catalase as electrochemical sensor for the analysis of hydrogen peroxide, , 2017 <b>IF 7.335</b>
13	Synthesis of one-dimensional gold nanostructures and the electrochemical application of the nanohybrid containing functionalized graphene oxide for cholesterol biosensing. Seetharamaiah Nandini, Seetharamaiah Nalini, M B Madhusudana Reddy, Gurukar Shivappa Suresh, Jose Savio Melo, <b>Pathappa Niranjana</b> , Jakkid Sanetuntikul, Sangaraju Shanmugam, <i>Bioelectrochemistry Royal Society of Chemistry</i> , <b>IF 5.373</b> , 110, 79–90, 2016.
12	Analgesic activity of <i>Cryptocarya stocksii</i> plant by hot plate method, ME. Veena, <b>P. Niranjana</b> , P. Sharanappa and Rajeshwara N Achur, <i>International Journal of Research in Pharmacy and Chemistry</i> , I.F 0.876, 5 (4) 590-596, 2015
11	Analgesic activity of <i>Cryptocarya stocksii</i> plant by hot plate method, ME. Veena, <b>P. Niranjana</b> , P. Sharanappa and Rajeshwara N Achur, <i>International Journal of Herbal Medicine</i> , 4(1) 39-41, 2016
10	Phytochemically Functionalized Cu and Ag Nanoparticles Embedded in MWCNTs for Enhanced Antimicrobial and Anticancer Properties. Nano-Micro Letters, S. Yallappa. J. Manjanna, B. L. Dhananjaya . U. Vishwanatha. B. Ravishankar. H. Gururaj . <b>P.</b>

	<b>Niranjana, B. S.</b> Hungund, <i>Nano-Micro Letters</i> , Published online PP-1-11, <b>I.F 16.419. 2015</b>
<b>09</b>	Detection of quorum sensing molecules and biofilm formation in <i>Ralstonia solanacearum</i> , J. Shiva Kumar, S. Umesha, K. Shiva Prasad and <b>P Niranjana</b> , <i>Current microbiology</i> , Published online pp-1-9, I.F ( <b>2.188</b> ) 2015
<b>08</b>	Development of a simple bioelectrode for the electrochemical detection of hydrogen peroxide using <i>Pichia pastoris</i> catalase immobilized on gold nanoparticle nanotubes and polythiophene hybrid, Seetharamaiah Nandini, Seetharamaiah Nalini, Jakkid Sanetuntikul, Sangaraju Shanmugam, <b>Pathappa Niranjana</b> , Jose Savio Melo and Gurukar Shivappa Suresh, <i>Analyst, Royal Society of Chemistry</i> , 139, 5800–5812, I. F ( <b>4.16</b> ) <b>2014</b>
<b>07</b>	Microwave assisted synthesis of stable biofunctionalized silver nanoparticles using apple fruit ( <i>Malus domestica</i> ) extract, I.S. Vijayashree , S. Yallappa , <b>P. Niranjana</b> , and J. Manjanna, <i>Advanced Materials Letters</i> , 4 (10): 598-603, (I.F 1.90) <b>2014</b> .
<b>06</b>	Rhoeodiscolor leaf extract as a novel immobilizingmatrix for the fabrication of an electrochemicalglucose and hydrogen peroxide biosensor, Seetharamaiah Nandini, Seetharamaiah Nalini, Sangaraju Shanmugam, <b>Pathappa Niranjana</b> , Jose Savio Melo and Gurukar Shivappa Suresh, <i>Analytical Methods Royal Society of Chemistry</i> , 6, 863-877, ( <b>I.F 2.896</b> ) <b>2014</b>
<b>05</b>	Genetic variation in artificially selected strains of the egg parasitoid, <i>Trichogramma chilonis</i> Ishii (Hymenoptera: Trichogrammatidae) using RAPD Analysis, G. Ashok Kumar, S. K. Jalali, M.Nagesh, T.Venkatesan and <b>P. Niranjana</b> , <i>J. Biol. Control</i> , 23(4): 353–359, ( <b>3.4</b> ) <b>2010</b>
<b>04</b>	Effect of controlled atmosphere storage (CAS) on Antioxidant Enzymes and DPPH-Radical scavenging activity of mango ( <i>Mangifera indica</i> L.) Alphonso, <b>P Niranjana</b> , K P Gopalakrishna Rao, D V Sudhakar Rao and B Madhusudhan, <i>AJFAND</i> : 779-792, <b>2009</b>
<b>03</b>	Internal Transcribed Spacer-2 restriction fragment length polymorphism (ITS-2 - RFLP) tool to differentiate some exotic and indigenous trichogrammatid egg parasitoids in India, G. Ashok Kumar, Sushil K. Jalali, T. Venkatesan, Richard Stouthamer, <b>P Niranjana</b> and Y. Lalitha, <i>Biological Control</i> , 49, 207-213 ( <b>I.F 3.689</b> ) <b>2009</b>
<b>02</b>	Comparative biology of different populations of cotesia flavipes (Cameron) on <i>Chilo partellus</i> (Swinhoe), Srinivasa Murthy K, S. K. Jalali. Venkatesan T, Rajeshwari R, and <b>Niranjana P</b> , <i>Journal of insect science</i> , 22 (1):47-50, ( <b>I.F 2.026</b> ) <b>2009</b>
<b>01</b>	Effect of pre-cooling and heat treatment on antioxidant enzymes profile of mango and banana, <b>P Niranjana</b> , K P Gopalakrishna Rao, D V Sudhakar Rao and B Madhusudhan, <i>AJFAND</i> 9: 1210-1225, <b>2009</b>

## Best Papers/Highlighted Papers:

Sl. No.	Title of the paper, Authors, <i>Journal</i> , <b>IF</b> , Vol./ Ed., Page No., Year.
1	Ondara Zablon Kerima, Pathappa Niranjana, Vinay Kumar B S, RajeshwarRamachandrappa, SharanappaPuttappa, Y Lalitha, Sushil K Jalali, Chandish R Ballal, HirekodathakalluV.Thulasiram (2018) De novo transcriptome analysis of the egg parasitoid <i>Trichogramma chilonis</i> Ishii (Hymenoptera: Trichogrammatidae): A Biological control agent. <i>Gene Reports</i> 13:115-129. <b>IF3.68</b>
2	Sunil SV et.al (2021). In Silico Characterization of a Transcript Code Based Screening of Antimicrobial Peptide from <i>Trichogramma chilonis</i> . <i>International journal of peptide research and therapeutics</i> . <b>IF 1.95</b>
3	Sowmya Handenahally et.al (2020). Leaf mass area determines water use efficiency through its influence on carbon gain in rice mutants <i>Physiologia Plantarum</i> . 169, 194-213. <b>IF 3.19</b>

## List of Papers Presented:

Sl. No	Title of the paper	Authors	Conference	Place	Month & Year
1	Antioxidant levels of banana fruit as influenced by postharvest cold and heat treatment	<b>P Niranjana</b> , K P Gopalakrishna Rao, D V Sudhakar Rao and B Madhusudhan	5 th International Food Convention-IFCON 2003	CSIR-CFTRI Mysore	5-12-2003 to 8-12-2003
2	Biochemical Characterization of multiple insecticide tolerant strain of <i>Trichogramma chilonis</i> Ishii	G. Ashok Kumar, Sushil K. Jalali, T. Venkatesan, Richard Stouthamer, <b>P Niranjana</b> and Y. Lalitha	81st Annual Meeting of Society of Biological Chemists (India) and Symposium on Chemistry and Biology: Two Weapons Against Diseases	Societyof Biological Chemists. Kolkata, India	8.11.2012 To 11.11. 12
3	Antioxidant Enzyme Levels in Alphonso Mango During Storage	<b>P Niranjana</b> , K P Gopalakrishna Rao, D V Sudhakar Rao and B Madhusudhan	International conference on "Advances in Free Radicals, Redox Signaling and Translational Antioxidant Research (SFRR-STAR 2013)" and 12th annual meeting of the Society for Free Radical Research	CSIR-Indian Institute of Toxicology research – Lucknow-UP	30-01-13 to 01-02-13.
4	Biofabrication of silver nanoparticle using <i>Malus domestica</i> fruit extract and their antibacterial activity	I.S. Vijayashree , S. Yallappa , <b>P. Niranjana</b> , and J. Manjanna	National seminar on Material Science and Engineering (NSMSE-2014),	JSS College of Arts, Commerce and Science, Mysore	21-03-14 to 22-03-14.

5	Bio-template fabrication of gold nanoparticle nanotubes and its electrochemical application in cholesterol biosensing	Seetharamaiah Nandini, Seetharamaiah Nalini, M B Madhusudana Reddy, Gurukar Shivappa Suresh, Jose Savio Melo, <b>Pathappa Niranjana</b> , Jakkid Sanetuntikul, Sangaraju Shanmugam	Chemistry: From Lab to Business World - Fostering an Entrepreneurial Spirit	Department of Chemistry, Mount Carmel College, Bangalore.	13-02-14
6	Sonochemical Synthesis of Gold Nanoparticles using Quercetin as a Stabilizer and its Application in Electrochemical Detection of Cholesterol	Seetharamaiah Nandini, Seetharamaiah Nalini, M B Madhusudana Reddy, Gurukar Shivappa Suresh, Jose Savio Melo, <b>Pathappa Niranjana</b> , Jakkid Sanetuntikul, Sangaraju Shanmugam	National conference on "Recent trends in Chemical research"	Mysore Sri Jayachamarajendra College of Engineering, Mysore	3-01-2014 to 04-01-14
7	Biochemical characterization of Alphonso mango ( <i>Mangifera Indica</i> ) and Robusta banana ( <i>Musa paradisiacal</i> ) during Postharvest Management	<b>P Niranjana</b> , K P Gopalakrishna Rao, D V Sudhakar Rao and B Madhusudhan	National Symposium on Electrochemical Science and Technology-2001	CSIR-Indian Institute of Toxicology research – Lucknow-UP	30-01-2013 to 01-02-2013.
8	Electrochemical hydrogen peroxide biosensor based on Alumina Templated gold nanoparticles nanotubes polythiophene and catalase obtained from <i>Pichia pastoris</i>	Seetharamaiah Nandini, Seetharamaiah Nalini, Jakkid Sanetuntikul, Sangaraju Shanmugam, <b>Pathappa Niranjana</b> , Jose Savio Melo and Gurukar Shivappa Suresh	International Conference on Electrochemical Science and Technology (ICONEST-2014)	Electrochemical Society of India at the <b>Indian Institute of Science, Bangalore</b>	7/08/2014 to 8/08/14



9	Organophosphate Pesticide Monocrotophos generates oxidative stress that leads to locomotor dysfunction and death of <i>Drosophila melanogaster</i> .	Naveen Kumar H. N, <b>Niranjana Pathappa</b> , Sushil K. Jalali	International conference Bioactive Chemicals For Reproduction and Human Health And 33 <sup>rd</sup> Annual Meeting Of The Society For Reproduction Biology And Comparative Endocrinology (SRBCE)	Life science departments, Davanagere University, Karnataka	26-02-15 to 28-02-15.
10	Gold nanoparticles-chlorambucil complex for improved anticancer activity on Hela cells	I.S. Vijayashree, <b>P. Niranjana</b> , G. Prabhu and J. Manjanna	International conference Bioactive Chemicals For Reproduction and Human Health And 33 <sup>rd</sup> Annual Meeting Of The Society For Reproduction Biology And Comparative Endocrinology (SRBCE)	Life science departments, Davanagere University, Karnataka	26-02-15 to 28-02-15.
11	Pharmacological and gross behavioural studies of <i>Cryptocarya Stocksii</i> from Western Ghats of Karnataka	ME. Veena, <b>P. Niranjana</b> , P. Sharanappa and Rajeshwara N Achur	International conference Bioactive Chemicals For Reproduction and Human Health And 33 <sup>rd</sup> Annual Meeting Of The Society For Reproduction Biology And Comparative Endocrinology (SRBCE)	Life science departments, Davanagere University, Karnataka.	26-02-15 to 28-02-15.
12	Physiological characterization of an upland rice Nagina-22 derived EMS mutants – contrasting for leaf size	Sowya H. R, <b>Niranjana P</b>	3rd International Plant Physiology Congress (IPPCongress-2015) Challenges and Strategies in Plant Biology Research	JNU New Delhi, India	December 11-14, 2015
13	Electrochemical cholesterol biosensor fabricated using one dimensional gold nanostructures and functionalized Graphene	Seetharamaiah Nandini, Seetharamaiah Nalini, Jakkid Sanetuntikul, Sangaraju Shanmugam, <b>Pathappa Niranjana</b> , Jose Savio Melo and Gurukar Shivappa Suresh	National Seminar on “Current Scenarios and Future Prospects of Biotechnology in Diverse Sectors”	Organized by Bannai Amman Institute of Technology, Sathyamangalam Tamil Nadu	21 – 22 January 2016

14	Identification of putative transcripts involved in organophosphorous pesticide tolerance in <i>Trichogramma chilonis</i> Ishii by transcriptomic approach	Ondara Zablon Kerima, <b>Pathappa Niranjana</b> , Rajeshwari R, Vinay Kumar B. S, Sharanapa P, Yadavalli Lalitha, Sushil K. Jalali, Chandish R. Ballal and Hirekodathakallu V. Thulasiram	International Conference on Recent trends in Agriculture, Biotechnology and Food Processing	University of Agricultural Sciences, Bengaluru College of Agriculture, Hassan	5 <sup>th</sup> to 7 <sup>th</sup> July, 2017
15	In vivo antipyretic and anti-inflammatory activity of <i>Cryptocarya stocksii</i> from Western Ghats of Karnataka	M E. Veena, <b>Niranjana P</b> , Sharanappa P and Rajeshwara N. Achur	International Conference on Recent trends in Agriculture, Biotechnology and Food Processing	University of Agricultural Sciences, Bengaluru College of Agriculture, Hassan	5 <sup>th</sup> to 7 <sup>th</sup> July, 2017
16	Midgut Red Fluorescent Protein Predicted in the Kolar Gold Silkworm ( <i>Bombyx mori</i> . L) Revealed its Antipathogenic Activity	Manjunatha Gowda K. S, <b>Niranjana P</b> , Mahantesha B. N. Naika and Anitha Peter	International Conference on Recent trends in Agriculture, Biotechnology and Food Processing	University of Agricultural Sciences, Bengaluru College of Agriculture, Hassan	5 <sup>th</sup> to 7 <sup>th</sup> July, 2017
17	“Identification of lectin Transcripts in <i>Trichogramma chilonis</i> ”	Sunil S V, Ondara Zablon Kerima, and <b>Niranjana P</b>	Two Days National Conference on “Recent advances in chemical biology and material science for industry and society”	Organised by Department of PG Studies and Research in Industrial Chemistry, Kuvempu University, Jnana Sahyadri, Shankaraghatta	February 9 <sup>th</sup> and 10 <sup>th</sup> , 2018
18	“Molecular cloning of Antimicrobial peptide from <i>Trichogramma chilonis</i> ”	Sunil S V, Ondara Zablon Kerima, and <b>Niranjana P</b>	Three Days International Conference on “Current concepts on the role of Indian Medicine and phytoceuticals in maintenance of health”	Organised by Department of PG Studies and Research Biochemistry, Mangalore University, Jnana Kaveri, Post Graduate Centre, Chikka Aluvara, Kodagu,	November 15 <sup>th</sup> -17 <sup>th</sup> , 2018.

19	Molecular cloning and Insilco characterization of Antimicrobial peptides from <i>Trichogramma chilonis</i> .	Sunil S V, Ondara Zablou Kerima, Santosh Kumar H. S and <b>Niranjana P</b>	National Conference on "Synthetic and Biological Peptides: Structures and Strategies for the Development of Drugs, Biologics and Materials"	Department of Biochemistry, Bangalore University, Bangalore.	March 14 <sup>th</sup> and 15 <sup>th</sup> . 2019
20	Transcriptomic identification, Molecular Cloning and In-silico Characterization of Esterase from <i>Trichogramma chilonis</i>	Vinay Kumar B.S, Ondara Zablou Kerima, Santosh kumar H.S, Sharanappa and <b>Niranjana P</b>	UGC Sponsored Two Day National Symposium on "Emerging Trend and Challenges in Life Sciences"	Davangere University, Davangere.	26 <sup>th</sup> and 27 <sup>th</sup> April-2019
21	Effect of Monochrotophos on <i>Trichogramma chilonis</i> Esterase and its Bioinformatic characterization.	Rajeshwari R, Vinay Kumar B.S, Santosh kumar H.S, Sharanappa P and <b>Niranjana P</b>	Two Day National Conference on "Exploring Innovation Research and developments in Chemical Sciences"	Kuvempu University, Jnana Sahyadri, Shankaraghatta	1&2, March-2019
22	Molecular cloning and in silico characterization of recoverin domain Odorant binding protein from <i>Trichogramma chilonis</i>	Chaithra M, Santosh kumar H.S, Sharanappa P and <b>Niranjana P</b>	Two Day National Conference on "Exploring Innovation Research and developments in Chemical Sciences"	Kuvempu University, Jnana Sahyadri, Shankaraghatta	1&2, March-2019
23	Transcriptome based identification, molecular cloning and <i>in silico</i> characterization of putative Odorant Binding Protein from <i>Trichogramma chilonis</i>	Radha N, <b>Niranjana P</b> , Manjunatha H and Lalitha Y	Two Day National Conference on "Exploring Innovation Research and developments in Chemical Sciences"	Kuvempu University, Jnana Sahyadri, Shankaraghatta	1&2, March-2019
24	Molecular cloning of uncharacterized transcript of <i>Trichogramma chilonis</i> and its Bioinformatics analysis reveals its odorant binding protein property	Sindhuja N.M, Vijayashree I. S, Mahantesha B.N. Naika and <b>Niranjana P</b>	Two Day National Conference on "Exploring Innovation Research and developments in Chemical Sciences"	Kuvempu University, Jnana Sahyadri, Shankaraghatta	1&2, March-2019
25	Cloning and phylogenetic analysis of odorant binding protein from <i>Trichogramma Chilonis</i>	Kavya K.M, Sandeep Telkar, Sharanappa P and <b>Niranjana P</b>	Two Day National Conference on "Exploring Innovation Research and developments in Chemical Sciences"	Kuvempu University, Jnana Sahyadri, Shankaraghatta	1&2, March-2019
26	Identification and in silico characterization of orthogonal bundle odorant receptor from <i>Trichogramma chilonis</i> .	Sushmitha J, Santosh kumar H.S, Sharanappa P and <b>Niranjana P</b>	Two Day National Conference on "Exploring Innovation Research and developments in Chemical Sciences"	Kuvempu University, Jnana Sahyadri, Shankaraghatta	1&2, March-2019
27	Identification, molecular cloning and <i>in silico</i> characterization of putative odorant binding protein from <i>Trichogramma</i>	Sindhu K. B, Manjunatha H, Vijayashree I. S and <b>Niranjana P</b>	Two Day National Conference on "Exploring Innovation Research and developments in Chemical Sciences"	Kuvempu University, Jnana Sahyadri, Shankaraghatta	1&2, March-2019

28	Molecular cloning and in silico analysis of Odorant binding protein gene from <i>Trichogramma chilonis</i>	Ondara Zablon Kerima Mahantesha B.N. Naika and <b>Niranjana P</b>	Two Day National Conference on "Exploring Innovation Research and developments in Chemical Sciences"	Kuvempu University, Jnana Sahyadri, Shankaraghatta	1&2, March-2019
29	TA cloning and in silico analysis of pheromone binding protein from <i>Trichogramma chilonis</i>	<b>Niranjana P</b> , Raksha. D.M, Vijayashree I. S Mahantesha B.N. Naika	Two Day National Conference on "Exploring Innovation Research and developments in Chemical Sciences"	Kuvempu University, Jnana Sahyadri, Shankaraghatta	1&2, March-2019
30	Molecular cloning and in silico characterisation of esterase from <i>Trichogramma chilonis</i>	Vinay Kumar B. S, Rajeshwari R, Santosh kumar H.S, Sharanappa P and <b>Niranjana P</b>	Two Day National Conference on "Exploring Innovation Research and developments in Chemical Sciences"	Kuvempu University, Jnana Sahyadri, Shankaraghatta	1&2, March-2019
31	Purification and biochemical characterization of esterase from <i>Trichogramma chilonis</i>	Vinay Kumar B. S, <b>Niranjana P</b>	International conference on "Frontier research in Applied Zoology and insect pest management strategies: a way forward for food and nutritional security"	University of Agricultural sciences, Raichur, AZRA Odisha, IARI New Delhi.	12-02-2020 to 10-02-2020
32	Attended National Webinar Series (NWS) – 2020 on "Immunity and infection: Biochemical approaches to therapies"	<b>Niranjana P</b>	"Immunity and infection: Biochemical approaches to therapies"	Society for Biological Chemists, Department of Biochemistry, Davanagere University, Davanagere, Karnataka	15th to 21st June 2020 07 days
33	Attended Online Course on "PCR101: Introduction to PCR and Role of RT PCR in COVID-19"	<b>Niranjana P</b>	"PCR101: Introduction to PCR and Role of RT PCR in COVID-19"	Flowcytometry Solutions Pvt. Ltd. at Jaipur. India	16- 10-2020 to 19-10-2020 04 days
34	Attended International Webinar on "Recent Trends and Challenges in Neuro Immunology" from organized by department of Biochemistry, Karnatak University Dharwad, Karnataka.	<b>Niranjana P</b>	"Recent Trends and Challenges in Neuro Immunology"	Karnatak University Dharwad, Karnataka.	10- 10-2020 to 13-10-2020 04 day

35	Attended UGC Sponsored One Week Workshop on “Mathematics of Machine learning and Data Science” with applications, conducted by Department of Computer Science, Kuvempu University, Shankaraghatta – 577451	<b>Niranjana P</b>	“Mathematics of Machine learning and Data Science”	UGC, Govt. of India Kuvempu University, Shankaraghatta – 577451	18-03-2021 to 24-03-2021
36	Bioinformatics analysis of C-type Lectin from <i>Trichogramma chilonis</i>	Kotresh p, Rajini H C, Sushma H S, Sunil S V, <b>P. Niranjan</b>	National conference on “Impact of Research Development in Life sciences”	Kuvempu University, Department of Biochemistry, Shankaragatta	30-03-2022 to 31-03-2022
37	Insilico characterization of <i>Trichogramma chilonis</i> transcript code for antimicrobial peptide	Sanmitha Yadav L S, Roopa G, Shreenidhi G D, Sunil S V, <b>Niranjana P</b>	National conference on “Impact of Research Development in Life sciences”	Kuvempu University, Department of Biochemistry, Shankaragatta	30-03-2022 to 31-03-2022
38	TA cloning and bioinformatics analysis of male specific pheromone binding protein from <i>Trichogramma hebbalensis</i>	Jeevan D G, Shashank N G, Pooja Royals, <b>Niranjana P</b>	National conference on “ Trends and innovation in health, nutrition, food and crop security”	Tumkur University	21-08-2023 to 23-08-2023
39	Molecular cloning and Insilico characterization of general odorant binding protein gene from <i>Trichogramma hebbalensis</i>	Vinutha D K, Shreeya G Shetty, Sanchitha T B, <b>Niranjana P</b>	National conference on “ Trends and innovation in health, nutrition, food and crop security”	Tumkur University	21-08-2023 to 23-08-2023
40	TA cloning and bioinformatics analysis of <i>Trichogramma hebbalensis</i> Trnscript code for odorant receptor	Kavya P A, Suraksha H R, Chandana and <b>Niranjana P</b>	National conference on “ Trends and innovation in health, nutrition, food and crop security”	Tumkur University	21-08-2023 to 23-08-2023
41	Molecular cloning and bioinformatics analysis of pheromone binding protein gene from <i>Trichogramma hebbalensis</i>	Megha V, Rashmi H C, Swathi L J, <b>Niranjana P</b>	National conference on “ Trends and innovation in health, nutrition, food and crop security”	Tumkur University	21-08-2023 to 23-08-2023

**Conferences/Seminars/Workshops attended/refresher course:**

Sl. No	Conference/Seminars/Workshops	Place	Month & Year
1	First National Symposium on Pest Management in Horticultural Crops: Environmental Implications and Thrusts	ICAR-Indian Institute of Horticultural Research Bengaluru	15-10-1997 to 17-10-1997
2	Advances in Biological Science	Poornaprajna Institute of Scientific Research, Bengaluru	20-01-2011 to 22-01-2011
3	Workshop on Self Instructional Material (SIM)	Director of Distance Education and DEC IGNOU New Delhi	23-03-2011 to 24-03-2011
4	Present scenario of Microbial Life	Dept.Of P.G. Studies and Research in Microbiology, Jnanasahaydri , Kuvempu University	28-03-2011 to 29-03-2011
5	National workshop on “Usage of Instruments for Nanotechnology applications	Dept of Nanoscience and Technology/dept of Industrial Chemistry Jnanasahaydri, Kuvempu University	25-04-2011
6	4 <sup>th</sup> Bangalore Nano- Nanoscience and Technology at the cutting edge	Dept of IT,BT and S&T, Gov. of Karnataka Bangalore	07-12-2011 to 09-12-2011
7	National seminar on “Pharmaceutical Chemistry and Technology	Dept of Pharmaceutical Chemistry, Kuvempu University	02.05.2012
8	National seminar on Progress in Nano Science and Technology	Dept of Nano Science and Technology, Kuvempu University	05.05.2012 to 06.05.2012
9	International Conference on Recent Advances in Materials Science (RAMS-2012)	Karnataka State Higher Education Council. Bangalore Karnataka	06.11.2012 to 08.11.2012
10	One day workshop and Brainstorming on Agriculturally Important Fruit flies	National Bureau of Agriculturally Important Insects Bengaluru.	27-07-2013
11	<b>Training on</b> “Recent Advances in Insect Bioinformatics and its Application in Pest Management”	ICAR – National Bureau of Agriculturally Important Insects Bengaluru.	15.02.2016 to 20.02.2016
12	Participated in one day work shop on online affiliation process	Jnana Sahyadri, Kuvempu University, Shankaraghatta	15 <sup>th</sup> November, 2017.
13	Regional Workshop on Biological Sciences.	VGST Govt. of Karnataka, Jnana Sahyadri, Kuvempu University, Shankaraghatta.	17-11-2018
14	National <b>Workshop and hands on training</b> in plant microbial interaction for the production of therapeutic compounds.	Sponsored by Department of Biotechnology (DBT), Ministry of Science and Technology, New delhi.	17 <sup>th</sup> to 26 <sup>th</sup> October 2019

15	Attended UGC Sponsored Refresher Course (online) and obtained “A” grade in the assessment	UGC, Human Resource Development Centre, University of Mysore	29-09- 2021 to 12-10-2021 15 Days
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### *Invited Talk/ Chair/Co- chair:*

Sl. No	Conference/Seminars/Workshops	Place	Month & Year
01	National conference on “ Trends and innovation in health, nutrition, food and crop security”	Invited talk Tumkur University	21-08-2023 to 23-08-2023
02	National conferene on” advances in food technology and nutrition	Invited Talk Food Technology, Kuvempu University	15-03-2024 to 16-03-2024
03	National conferene on” advances in food technology and nutrition	Chair Food Technology, Kuvempu University	15-03-2024 to 16-03-2024

### **Conference/Workshop organized**

Sl. No	Name of the Conference/Symposia/ Seminar	Level (National/Int ernational)	Year and Date(s)	Organizing Secretary/ Co-convener
01	Contemporary focus and future prospects in Biological research	National Conference	21-03-2024 and 22 -03-2024	Organizing Secretary/
02	Phytomedicines: Extraction, purification in vitro and in vivo studies	National level training program	24-06-2022 to 30-06-2023	Organizing Secretary/
03	Impact of research development in life sciences	National Conference	30-03-2022 and 31-03-2022	Co-convener
04	Innovative approaches in biological science research	National Seminar	22-03-2019 to 23-03-2019	
05	“Advances and Challenges in Biological research”	National Seminar	17-03-2016	Co-convener
06	Current Progress and Future Prospects in Cancer Research	National Seminar	Feb 2 <sup>nd</sup> 2013	Co-convener
07	“Progress in Biomedical Research and its impact on Human health”	National Seminar	Apr 2 <sup>nd</sup> and 3 <sup>rd</sup> 2012	Co-convener
08	Seminar on “Challenges in Malaria and other infectious Disease Research”	National Seminar	3 <sup>rd</sup> and 4 <sup>th</sup> May 2011	Co-convener
09	Faculty development program for science; Faculty of undergraduate College (FDP-UG) in Biochemistry-	Regional		Co-convener

## Academic and Administrative/ Trainings Assignments

Sl. No	University/ Organization/Institute Body	Nature of Association	Period
01	Kuvempu University	Chairman of UG BOS	Jan 2022 to Present
02	Kuvempu University	Chairman of PG BOS	Jan 2022 to Present
03	Kuvempu University	Chairman of Dept of Biochemistry,	May 2022 to Present
04	Kuvempu University	Chairman of BOE, Dept. of Food Technology	2023-2024
05	Kuvempu University	Chairman of BOE, Dept of Biochemistry,	2019
06	Kuvempu University	Chairman of BOE, Dept of Biochemistry,	2016 to 2017
07	Kuvempu University	Member of BOE, Dept of Biochemistry	2012 to 2015
08	Kuvempu University	Member of BOE,(UG) Dept of Biochemistry sahyadri science college Kuvempu Universit	2013-14

## Orientation Programme/Refresher Course/Training Courses:

1. One-month Orientation Programme conducted by UGC-ASC, 15-11-2013 to 13-12-2013, held at Academic Staff College Bangalore University, Bangalore, (KA).
2. UGC Refresher Course, 30-09-2014 to 20-10-2014, Academic Staff College Goa University, Goa, India
3. UGC Sponsored refresher course(online) and obtained “A” grade in the assessment, from 29-09-2021 to 12-10-2021,UGC, Human resource development centre, University of Mysore.

## Life Member for Professional Bodies:

Sl. No	University/ Organization/Institute Body	Nature of Association	Period
01	National Bureau of Agriculturally Important Insects (ICAR-NBAII) Bangalore	SBA-India: Society for Biocontrol Advancement	Life member
02	Indian Institute of Science, Bangalore	SBC-India: Society of Biological Chemists	Life member
03	Bhabha Atomic Research Centre, Mumbai , India	SFRR-INDIA: Society for Free Radical Research India	Life member



## **Administrative Assignments**

<b>Sl. No</b>	<b>Position</b>	<b>Organization</b>	<b>Duration</b>	<b>Responsibilities</b>
01	Member(College Affiliation)	Kuvempu University, Shankaragatta, Shimoga.	2012 to present	Affiliation

*Number of Papers Published* : 26

*Best Papers/Highlighted Papers* : 03

*Number of Papers Presented at Seminars* : 41