


CURRICULUM VITAE of Prof. Y. L. RAMACHANDRA,
M.Sc., Ph.D

NAME	Prof. Y. L. RAMACHANDRA	
DATE OF BIRTH	03 rd DECEMBER 1963	
PLACE OF BIRTH	Chickballapur, Karnataka State	
NATIONALITY	INDIAN – HINDU: II A. Kuruba	
Designation & Address	Senior Professor Department of Biotechnology & Bioinformatics, Kuvempu University, Jnanasahyadri 577 451. Shivamogga district, Karnataka.	
Phone	9448215559	
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Email	ylrnan@gmail.com , ylrpub@gmail.com	

ACADEMIC RECORD:

DEGREE	UNIVERSITY	YEAR	SUBJECTS
Ph. D.,	BANGALORE	1995	ZOOLOGY
M. Sc.,	BANGALORE	1987	ZOOLOGY
B. Sc.,	BANGALORE	1985	C.B.Z

RESEARCH EXPERIENCE : SINCE 1987- Thirty Six Years

TEACHING EXPERIENCE (P G) : THIRTY FOUR YEARS [1989

UNIVERSITY	COURSE	YEAR	SUBJECTS TAUGHT
01 KUVEMPU UNIVERSITY	M.Sc., Biotechnology M.Sc., Bioinformatics M.Sc., Life sciences M.Sc., Appl. Zoology	Since Nov, 1992	Immunology Microbiology Env. Biotechnology Ind. Biotechnology Aquaculture Applied entomology Animal Physiology Economic entomology
02 BANGALORE UNIVERSITY	M.Sc., Zoology	1989 –1992	Env. Biology & Ethology

JOBS HELD:

01	FINANCE OFFICER	KUVEMPU UNIVERSITY	13.02.2023 to 28.06.2023
02	DIRECTOR: PMEB	KUVEMPU UNIVERSITY	08.07. 2022 TO 28.06.23
03	DIRECTOR: SOBS	KUVEMPU UNIVERSITY	20 th January, 2020 to 19.01.2022
04	ACADEMIC COUNCIL MEMBER	KUVEMPU UNIVERSITY	20 th January, 2020
05	SENIOR PROFESSOR	KUVEMPU UNIVERSITY	23 rd January,2020

05	PROFESSOR & CHAIRMAN	KUVEMPU UNIVERSITY	24 th January, 2012
06	PROFESSOR	KUVEMPU UNIVERSITY	23 rd January, 2010
07	READER	KUVEMPU UNIVERSITY	20 th December, 2002
08	SENIOR SCALE LECTURER	KUVEMPU UNIVERSITY	20 th December, 1997
09	LECTURER	KUVEMPU UNIVERSITY	20 th December, 1993
10	TEMPORARY LECTURER	KUVEMPU UNIVERSITY	13 th November, 1992
11	PROJECT FELLOW	BANGALORE UNIVERSITY	1989 to 12 th Nov, 1992

TITLE OF THE Ph. D THESIS: “STUDIES ON CERTAIN SENSORY STRUCTURES ON THE MOUTH

PARTS OF SILKWORM BOMBYX MORI”.

RESEARCH GUIDE

:

PROF. GEETHA BALI
Former Vice Chancellor,
Karnataka State
Akkamahadevi Women’s
University, Vijayapur,
Karnataka state.

TOP TEN RESEARCH PAPERS			
01	Suresh Mathivanan, Raghothama Chaerkady, Kumaran Kandasamy, Y.L Ramachandra , Tao Xu, Greg T. Cantin, Pierre Gagne, Robert Moritzand Akhilesh Pandey.	Human Proteinpedia enables of human Proteomic Data	<i>Nature- Biotechnology</i> , 26(2) 164-167. 2008 22.7
02	Kumaran Kandaswamy, S, Sujatha Mohan, Y. L, Ramachandra , ,and Akhilesh Pandey	Net path: A public resource of curated signal transduction pathways	<i>Genome Biology</i> 10.50
03	Shivakumar Keerthikumar, Y. L, Ramachandra , Akhilesh Pandey and Sujatha Mohan	RAPID: Resource of Asian primary immunodeficiency diseases	<i>Nucleic Acids Research Journal</i> , 37,863-867. 2009. 06.954
04	Keshava Prasad,T.S., Renu Goel, Kumaran Kandasamy, Mohmood, Y. L, Ramachandra ; V, Krishna; B, Abdul Rahman,and Akhilesh Pandey,.	Human Protein Reference Database - 2009 update	<i>Nucleic Acids Research journal</i> , 1-6. November-2008. 06.954
05	Suresh Mathivanan P, Balamurugan Periaswamy, T.K.B Gandhi, Kumaran Kandasamy, Shubha Suresh, Riaz Mohamood, Y.L. Ramachandra and Akhilesh Pandey..	An Evaluation of Human Protein-Protein Interaction Data in the Public Domain	<i>BMC Bioinformatics</i> . 7(5):S19 2006. 05.42
06	Kumaran Kandasamy Shivakumar Keerthikumar, Rajesh Raju, T. S. Keshava Prasad, Y. L. Ramachandra , Sujatha Mohanand Akhilesh Pandey.	Path Builder – Open Source Software for Annotating and Developing Pathway Resources.	<i>Bioinformatics</i> . Oxford Journal. 2009. 05.039
07	Shivakumar Keerthikumar, Sahely Bhadra, Kumaran Kandasamy, Rajesh Raju, Ramachandra Y. L. , Chiranjib Bhattacharyya, Kohsuke Imai, Osamu Ohara, Sujatha Mohanand Akhilesh Pandey	Prediction of candidate primary immune-deficiency disease genes using a support vector machine learning approach	<i>DNA Research</i> . 2009. 03.612
08	Kumar Kalavathi Murugan, Chandrappa Chinna Poojari., Channabasava Ryavalad, Ramachandra Yarappa Lakshmi kantha ., Padmalatha Rai Satwadi., Ravishankar Rai Vittal and Govindappa Melappa.	Antidiabetic activity of Endophytic fungi, <i>Penicillium</i> species of <i>Tabebuia argentea</i> : in silico and experimental analysis.	<i>Research Journal of Phytochemistry</i> . 2017.
09	Sadananda, T. S., Govindappa, M., Y. L. Ramachandra , Chandrappa C. P. and Umashankar, T.	<i>In vitro</i> apoptotic activity of endophytic fungal lectin isolated from endophyte, <i>Aspergillus flavus</i> of <i>Viscum album</i> on Human Brest adenocarcinoma cell line (MCF-7).	<i>Metabolomics: Open access</i> . 2016

10	Balakrishnan, L., Nirujogi, R. S., Ahmad, S., Bhattacharjee, M., Srikanth, S. M., Renuse, S., Kelkar, D. S., Subbannayya, Y., Raju, R., Goel, R., Thomas, J. K., Kaur, N., Dhillon, M., Tankala, S. G., Jois, R., Vasudev, V., Ramachandra, Y. L. , Sahasrabudde, N. A., Prasad, T. S. K., Mohan, S., Gowda, H., Shankar, S. and Pandey, A.	Proteomic analysis of human osteoarthritis synovial fluid.	<i>Clinical Proteomics. II: 6. 2014</i>
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- Books Published:**
01. Text book of Immunology-2005,
 02. Text book of Microbiology-2005
 03. Text book of Environmental Biotechnology-2006 &
 04. Text book of Industrial Biotechnology-2006.
 05. Recent Frontiers of Phytochemicals. 2023.

AWARDS:

01. **Sir M Visvesvaraya Parisara Ratna Award-2009** from Academy of Common wealth education and humanities studies (ACWEHS-NEW DELHI). 2009
02. **H.S. Mehta Memorial Award for BEST RESEARCH PAPER (oral) from Indian Society for Spices, Calicut. 2002.** (National Seminar on strategies for Increasing Production and Export of Spices).
03. **Best poster presentation** “An approach to *In silico* discovery of herbal drug that inhibits inflammation” at National Level Symposium “NITHANTH-09” organized by Dept. of Biotechnology & I.S.T.E. Students Chapter at Bapuji Institute of Engineering and Technology, Davangere on April 17th 2009 and had secured **1st prize**.
04. **Best Professor in Biotechnology and Bioinformatics Award: 2016: PEARL-A Foundation for Educational Excellence. INDIA.**

AFFILIATIONS:

- ◆ **MEMBER-** B.O.A in Biotechnology & Microbiology, Bangalore University, Bangalore (2018-19).
- ◆ **MEMBER-** B.O.A in Biotechnology & Microbiology, Karnataka University, Dharwad (2013-15).
- ◆ **CHAIRMAN-** B.O.S in Biotechnology, Tumkur University, Tumkur (2010-11).
- ◆ **CHAIRMAN-** B.O.S in Biotechnology, Kuvempu University, Jnanasahyadri (2017-19).
- ◆ **CHAIRMAN-** Department of Biotechnology, Kuvempu University, Jnanasahyadri (2012)(2018 till date).
- ◆ **CHAIRMAN-** B.O.E in Biotechnology, Kuvempu University, Jnanasahyadri (2009-10), (2011-12).
- ◆ **CHAIRMAN-** B.O.E in Biotechnology, Karnataka State Womens University, Vjyapur (2016-17).
- ◆ **CHAIRMAN-** B.O.S in Biotechnology, Karnataka State Womens University, Vjyapur (2016-17).
- ◆ **CHAIRMAN-** Local inspection committee, Kuvempu University, Jnanasahyadri.
- ◆ **MEMBER-** B.O.S & B.O.E in Microbiology & Biotechnology (UG & PG), Bangalore University, Bangalore
- ◆ **MEMBER-** B.O.E in Biotechnology, Tumkur University, Tumkur.
- ◆ **MEMBER-** B.O.S in Biotechnology, Tumkur University, Tumkur.
- ◆ **MEMBER-** B.O.S in Biotechnology, Karpagam University, Coimbatore, Tamilnadu.
- ◆ **MEMBER-** Doctrol committee in Biotechnology, Karpagam University, Coimbatore, Tamilnadu.
- ◆ **MEMBER-** Doctrol committee in Biotechnology, Karunya University, Coimbatore, Tamilnadu
- ◆ **MEMBER-** B.O.E in Biotechnology, Gulbarga University, Gulbarga.
- ◆ **MEMBER-** B.O.S in Biotechnology, Gulbarga University, Gulbarga.
- ◆ **MEMBER-** B.O.S in Microbiology, Gulbarga University, Gulbarga.
- ◆ **MEMBER-** B.O.E in Microbiology, Gulbarga University, Gulbarga.
- ◆ **MEMBER-** B.O.S & B.O.E in Biotechnology, Mangalore University, Mangalore.
- ◆ **MEMBER-** B.O.S & B.O.E in Bioscience, Mangalore University, Mangalore.
- ◆ **MEMBER-** B.O.E in Biotechnology, Manipal University, Manipal.
- ◆ **MEMBER-** B.O.E in Biotechnology, SDM College, Ujire, Mangalore.

- ◆ **MEMBER-** B.O.S & B.O.E in Biotechnology, Kuvempu University, Jnanasahyadri.
- ◆ **MEMBER-** B.O.E in Biotechnology, Karnataka University, Dharwad.
- ◆ **MEMBER-** B.O.E in Biotechnology & Bioinformatics, Karnataka State Womens University, Vjayapur.
- ◆ **MEMBER-** B.O.S in Biotechnology & Bioinformatics, Karnataka State Womens University, Vjayapur.
- ◆ **MEMBER-** B.O.E in Biotechnology, Sahyadri Science College (Autonomous) Kuvempu University.
- ◆ **MEMBER-** Local inspection committee, Kuvempu University, Jnanasahyadri

- ◆ **LIFE MEMBER-** Biotech Research Society of India. (BRSI).

Ph. D RESEARCH GUIDANCE:

<i>Ph.D Research Guidance</i>		
01	Ph.D Degree awarded	36 (THIRTY SIX STUDENTS)
02	Ph.D Thesis submitted	00 (NIL)
03	Ph.D Thesis Under Preparation	02 (TWO STUDENTS)
04	Ph.D work under progress	05 (FIVE STUDENTS)

Sl. No	Name of the Candidate	Title of Ph.D Thesis	DEGREE AWARDED
01	Dr. N. B. KRISHNAMURTHY	Studies on the comparative growth of silkworm reared on different mulberry varieties in Shimoga and Chikmagalur.	28.04.2004
02	Dr. MAHANTESH, R. KAMMAR	Morphometric and Melissopalynological studies in Indian honey bee <i>Apis cerana</i> .	07.11.2005
03	Dr. C. PARVATHI	Role of honeybees in pollination of small cardamom (<i>Elettaria cardamomum Maton</i>).	23.11.2006
04	Dr. D.P. PRAKASH*	Genetic engineering of insecticidal Cry. IAb Bt. Gene into south Indian brinjal (<i>Solanum melongena</i> . L) cv. Manjarigota for resistance to the shoot and fruit borer (<i>Leucinodes orbonalis</i> Guenee).	08.01.2007
05	Dr. K. N. CHANDRA SHEKARA*	Generation of single chain Antibody fragments (ScFv) for detection of <i>Ralstonia solanacearum</i> causing bacterial wilt of tomato.	08.12.2007
06	Dr. G. NARAYANAMURTHY	Studies on the production of citric acid by solid-state fermentation utilizing agro industrial wastes available in and around Shimoga district.	20.02.2008
07	Dr. PRADEEP KUMAR, K.B	Impact of Hexachlorohexane (HCH) application in coffee plantations on the Western Ghat ecosystem	23.05.2008
08	<i>Dr. MANOJ KUMAR, A*</i>	Development of integrated disease management package for the control of powdery mildew (<i>Leveillulataurica</i>) of Capsicum (<i>Capsicum annum</i> L).	04.10.2008
09	Dr. R. MANJULA*	Biochemical and molecular changes associated with interaction of <i>Trichoderma harzianum</i> and <i>Fusarium oxysporum</i> f. <i>Sp. Cubense</i> .	17.12.2008
10	Dr. CHIDANAND, C. GAVIMATH	Isolation and characterization of bioactive compounds from <i>Agele marmelos</i> & <i>Butea manosperma</i> .	24.08.2009
11	Dr. KAVITHA, B.T	Isolation and characterization of bioactive compounds from <i>Tinospora cordifolia</i> and <i>Hemidesmus indicus</i> .	05.12.2009
12	Dr. KUMARA HEGDE, B. A	Studies on river Nethravathy with a special reference to pollutant bioremediation.	16.01.2010
13	Dr. SHIVAKUMAR, K.	Human micro array database: As a resource for Genomic research.	01.06.2010
14	Dr. GURUMURTHY, H.	Phytochemical and pharmacological investigations of bioactive compounds from <i>Boerhaavia diffusa</i> Linn, and <i>Aerva lanata</i> Juss.	03.11.2010

15	Dr. RAMADAS, K	Studies on extraction of bioactive chemicals with special references to metal ions from medicinal plants in Western Ghat region.	26.11.2010
16	Dr. SUJAN GANAPATHY, P. S	Phytochemical and pharmacological investigation of bioactive compounds from <i>Holorrhena antidysenterica</i> and <i>Stachytarpheta indica</i> .	22.03.2011
17	Dr. KUMARAN, K. *	Bioinformatics analysis of MASS spectrometry derived data.	18.04.2011
18	Dr. DEEPTHI, P.	Breast cancer data base: A data base of the genomic, transcriptomic, proteomic and drug induced molecular alterations in breast cancer	15.12.2012
19	Dr. SAMEER KUMAR, G.S.	Gene expression profiling of neurological disorders using whole human genome micro array	01.04.2013
20	Dr. SUDEEP, H.V.	Phytochemical and pharmacological investigations of <i>Eugenia jambolana</i> Lam.	14.08.2013
21	Dr. SHRUTHI, S. D	Phytopharmacological evaluation and <i>Insilico</i> drug designing to oesteoarthrites from <i>Kiregenellia 4eticulate</i> Bail.	22.08.2013
22	Dr. ABHILASH, K.V. *	Molecular profiling of human temporal lobe epilepsy	02.12.2013
23	Dr. RAVISHANKARA, B. E.	Pharmacological evaluation of insect galls available in Western Ghats.	08.05.2014
24	Dr. SADANANDA, T S	Isolation, characterization and molecular mechanism of anticancer agents from endophytes of <i>Viscum album . L</i>	30.08.2014
25	Dr. LAVANYA, B. *	Transcriptomic and proteomic profiling of degenerative and inflammatory arthritis	11.08.2015
26	Dr. RANGANATH, S	<i>In silico</i> proteomics and docking studies of NF-Kb from mammals	18.08.2015
27	Dr. SHILALI, K	Screening of phytochemical and their pharmacological properties of <i>Phyllanthus acidus</i>	04.09.2015
28	Dr. UMASHANKAR, T	Screening of anticancerous compounds from endophytes of <i>Crotalaria</i> sps.	04.11.2016
29	Dr. BELLISHREE, K	Biological control of early blight of tomato (<i>Lycopersicon esculentum</i>)”	25.01.2017
30	Dr. ARCHANA S RAO	Biological control of purple blotch of onion (<i>Allium cepa</i> L.) and developing IDM package for safe produce”	25.01.2017
31	Dr. MANSOOR AHAMED (NRI Candidate)	Evaluation of Pharmacological properties of the constituents isolated from <i>Vitis vinifera</i> Linn.	27.12.2017
32	Dr. DEEPALAKSHMI, M	Evaluation of road side plants for bioremediation of urban pollution.	14.02.2018
33	Dr. SUPRIYA KAPIL. SHETTY THENEKAR	Isolation, characterization and evaluation of a phytoferritin for the treatment of anemia.	28.06.2019
34	Dr. SOUMYA, C	Molecular characterization of Heliminthosporium pathoveurs affecting <i>Zea mays</i> in Karnataka	05.11.2019
35	Dr. SHASHIBHUSHAN, N B	Development and characterization of GAIN in function mutants for the altered traits in rice.	30.08.2021
36	Dr. Pooja. R	Screening and Pharmacological evaluation of endophytic compounds of an endangered plant <i>Mappia Foetida</i> .	17.12.2021
37	Dr. Ankith, S	Straterigical investigation for development of effective pharmacophores targeting oncosignaling pathways.	16.11.2023
38	Mrs. Sunitha B R	Pharmacological evaluation of endophytic compounds present in <i>Tinospora cordifolia</i> Miers.	Work under progress
39	Mrs. Mona	Pharmacological evaluation of endophytic compounds of an endangered plant <i>Vateria indica</i> L.	Work under progress
40	Mr. Kushal Kumar, Y R	Development of DNA based diagnostic tools for human oral pathogens.	Work under progress

41	Ms. Nethravathi, A M	Studies on phytochemicals and therapeutic benefits of <i>Malphaigia emaraginata</i> DC Fruits.	Work under progress
42	Mrs. Poornima, K V	Biogeneic synthesis of nanoparticles as anticancer agents from endophytic compounds of plant <i>Nyctanthes arbor-tristis</i> L.	Work under progress
43	Ms. Ashwini	Screening and pharmacological evaluation of endophytic compounds of an endangered plant <i>Sarca asoca</i> Roxb Willd.	Work under progress
44	Mrs. Prerana Pramod Dange	Phytochemical screening and evaluation of anticancer activity of <i>Alphonsea sclerocarpa</i> Thaw.	Work under progress
45	Mr. Pawar Sagar Namdeo	Phytochemical screening and evaluation of anticancer activity of insulin plant <i>Costus</i> sp.	Work under progress

Sl.No	Name of the candidate	Title of M.Phil Desertation	DEGREE AWARDED
01	Mr. RANGANATH, S	Nfkb protein sequence analysis for different disease conditions.	: 2008
02	Mrs. KATYAYANI, G V	Studies on the biodegradation of crude oil components from soil of Tumkur region".	: 2010
03	Mrs. PRABHAVATHI	Screening of acidophytic chitinolytic microbes and production of chitinase by Soild State Fermentation using Shrimp waste as solid substrate	: 2010
04	Mr. DASE GOWDA, K. R	Comparative evaluation of AIDS protein and its structural prediction	: 2010

M.Sc., RESEARCH PROJECT GUIDANCE : FIFTEEN PROJECTS

Sl.No	Name of the candidates	Title of the project work	Year
01	Mr. RAGHAVENDRA. L.	Scope of apiculture in Malnad areas of Shimoga district	1995
02	Ms. UMADEVI. M	Seriousness of allergic asthma in Shimoga district	1995
03	Mr. KIRAN. B.R	Impact assessment of water pollution on inland aquaculture in Shimoga district	1995
04	Mr. MAHANTESH R. KAMMAR	Bee flora and honey production potential of Shimoga district	1995
05	Ms. ASHA RANI	Evaluation of percentage of sugar in nectar of bee flora	1995
06	Mr. PRADEEP KUMAR	Bee flora and honey production potential of Chikmagalur district	1995
07	Mr. GANGADHARA K, Naik	Apiculture-Managerial practices in Malnad area of Shimoga district	1996
08	Ms. SARVAMANGALA.	Sugar cane borers and menaces in Shimoga district	1996
09	Mr. RAVIKUMAR, M., & Ms. LATHA, S.V	A study of <i>Apis cerana</i> in Shimoga district	1996
10	Mr. CHANDASHEKAR, H.K., GURUMURTHY, B.E & SHIVAPRAKASH, Y.G	Usage of pesticides on major field crops in and around Bhadravathi taluq	1998
11	Mr. M.S. PRASHANTH., Ms. B.V. MYTHRA.,& Ms. A.R. SUNITHA.	Studies on coleopteran beetles and weevils occurring in and around Jnana Sahyadri campus	1999
12	Mr. DEVENDRA, N., Mr. HARSHA, H.D., Mr. SAMEER ALI & Ms. MADHU, C. S	Further studies on coleopteran beetles and weevils occurring in and around Jnana Sahyadri campus	2000
13	Mr. SATISH, S.K., Mr. SHASHIDHAR & Ms. SUJATHA, B.J	Morphological characterization of pollen grains in Jnana Sahyadri campus	2001
14	Mr. K.P. DINESH, Mr. SACHIN & Ms. VEENA.	Evaluation of biopesticides on sucking pests and shot hole borer of Coffee	2002

15	Mr.CHETAN, Ms. SHWETHA & Ms. VEERASHREE, V	Studies on characterization of seed protein and peroxidase activity in some germplasm of coffee	2002
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SPECIALISED TRAINING:

- ♦ *Undergone training in the field of neurophysiology (electrophysiology) and neuroanatomy at TATA INSTITUTE OF FUNDAMENTAL RESEARCH, Homi Bhaba road, Navy nagar, Colaba, Bombay – 400 005.*
- ♦ *Undergone training in the field of Recombinant DNA technology at Central Facility For Biotechnology & Research at Madurai, Tamilnadu-625 021.*

SYMPOSIUM/ WORKSHOPS:

(A). INTERNATIONAL SYMPOSIUM : FIVE

01. 11th IUSSI conference.1990, Bangalore
02. 2nd International conference on Neurobiology.1991.Goa
03. 4th Asian apicultural association international conference. 1998.
04. 6th Asian apicultural association international conference. 2002
05. International conference on New Horizons in Biotechnology, 2007
06. International conference on health care and EMSI, Manipal, 2017
07. International conference on Nanomaterials and their applications, 2018.

(B). NATIONAL SYMPOSIUM : FOUR

01. Indian Science Congress, Cochin-1990
02. 3rd congress of IUSSI Indian chapter.1998 Mudigere.
03. National conference on Apiculture-1997. Bangalore.
04. National symposium on innovations in Biotechnology : Entrepreneurial opportunities and IPR. 2007. Bangalore.

(C). WORKSHOP : TEN

01. Workshop on Aquaculture. 1992
02. Workshop on Social forestry. 1993
03. Workshop on Apiculture. 1993
04. Workshop on Self employment opportunities to Biologists.1995
05. National Workshop on Recent trends in micro anatomical techniques. 1998
06. Workshop on commercial floriculture.1999
07. National workshop on radiation processing of food items for quality upgradation.2003
08. Workshop on recombinant DNA technology, 2002
09. International workshop on conservation and management of Bees for sustainable developmentand Apiexpo. 2003
10. Impact of globalization on Higher education and Challenges of 21st century. 2003

(D). SEMINARS : NINE

01. Seminar on Preserve Planet earth (Western Ghat ecology & Conservation). 1993.
02. Seminar on Water shed management. 1994.
03. Seminar on medicinal plants. 1997.
04. Seminar on Strategies for increasing production and export of spices.2002
05. Scenario of research and business opportunities in medicinal and aromatic plants in 21stcentury. 2003
06. Seminar on Strategies for increasing production and export of spices. 2003
07. National seminar on Gene construct.2006
08. In second convention of Biotech Research Society of India, Path to health, Biotechnologyrevolution in India. 2006
09. National conference on Emerging areas in chemical and biological sciences,2007

Gene Bank Submission:

01. The sequences obtained from *Mappia foetida* an endangered plant through forward and reverse strands obtained from the DNA sequencing were trimmed, aligned and manual proofreading was performed. These sequences of ITS2 and matK were subjected to nucleotide BLAST using the nBLAST tool in NCBI (https://blast.ncbi.nlm.nih.gov/Blast.cgi?LINK_LOC=blasthome&PAGE_TYPE=BlastSearch&PROGRAM=blastn). Further, the sequences were submitted to GenBank, and accession numbers is MN604182.1 for the ITS2 marker and MN604181.1 for the matK marker. Pooja, R, Anuradha Sharma and Ramachandra. Y. L.
02. The sequences obtained from *Madhuca neriifolia* an endangered plant through forward and reverse strands obtained from the DNA sequencing were trimmed, aligned and manual proofreading was performed. Gen Bank flat file: LOCUS MN841760.760 bp DNA linear PLN 05-FEB-2020 DEFINITION *Madhuca neriifolia* maturase K (matK) gene, partial cds; chloroplast. ACCESSION MN841760 VERSION MN841760 SOURCE chloroplast *Madhuca neriifolia* ORGANISM *Madhuca neriifolia* Eukaryota; Viridiplantae; Streptophyta; Embryophyta; Tracheophyta; Spermatophyta; Magnoliopsida; eudicotyledons; Gunneridae; Pentapetalae; asterids; Ericales; Sapotaceae; Sapotoideae; Madhuca. REFERENCE 1 (bases 1 to 760) AUTHORS Boruah, M. and Ramachandra, Y.L. TITLE Direct Submission JOURNAL Submitted (17-DEC-2019) Department of P.G. Studies and Research in Biotechnology, Kuvempu University, Jnanasahyadri, Shankaraghatta, Shimogga, Karnataka 577 451, India
03. *Penicillium simplicissimum* isolate VANDSG internal transcribed spacer 1, partial sequence; 5.8S ribosomal RNA gene and internal transcribed spacer 2, complete sequence; and large subunit ribosomal RNA gene, partial sequence MF 179852.1: Dimple P, Akshatha B.S., Namratha, M.N., Vishaka, A., Saroja, R.N., Ravishankar Rai, V., Ramachandra, Y. L. and Govindappa, M. Identifying the cytotoxic low molecular weight proteins and phytochemicals from different endophytic fungi of *Loranthus micranthus*- *in vitro* and *in silico* study.

Research Papers:

01	PUBLISHED IN JOURNALS	163
02	ACCEPTED / IN PRESS	05 (Five only)
03	PRESENTED IN CONFERENCES	90 (Ninety)

1. Poornima K V, Pooja R, Y.L. Ramachandra, Shilali, and Kumar Hegde. 2024. A Review on Divine Tree Nyctanthes Arbor-Tristis Linn- A Treasure House of Therapeutic Components. International Journal of Emerging Science and Engineering, 12:06, May 24. (Online).
2. Ankith Sherapura, BM Siddesh, Vikas H Malojirao, Prabhu Thirusangu, BR Vijay Avin, N Suchetha Kumari, YL Ramachandra, BT Prabhakar. 2023. Steroidal alkaloid solanidine impedes hypoxia-driven ATM phosphorylation to switch on anti-angiogenesis in lung adenocarcinoma. *Phytomedicine*, 119, 154981.
3. Pooja Ravi, Mona Isaq, Yarappa Lakshmikanth Ramachandra, Prathap Somu, Padmalatha S Rai, Chandrappa Chinna Poojari, Kumar Hegde Biliyaru Anand, K Shilali, Asma Musfira Shabbirahmed, Mohanya Kumaravel. 2023. Therapeutic effectiveness of phytochemicals targeting specific cancer cells: a review of the evidence. Recent Frontiers of Phytochemicals, 247-259.
4. Mona Isaq, Yarappa Lakshmikanth Ramachandra, Padmalatha S Rai, Ashajyothi Chavan, Rajkumar Sekar, Meng Jee Lee, Prathap Somu. 2023. Biogenic synthesized silver nanoparticles using fungal endophyte Claosporium oxysporum of *Vateria indica* induce apoptosis in human colon cancer cell line via elevated intracellular ROS generation and cell cycle arrest. *Journal of Molecular Liquids*, 386 (2023) 122601.

5. Pooja Ravi, Prathap Somu, Diptikanta Acharya, Levin Anbu Gomez, Jesse Joel Thathapudi, **Yarappa Lakshmikanth Ramachandra**, Sunitha Bommanahalli Rudraiah, Mona Isaq, Chetan Shekhar Karua, Mohammed Arifullah, Chandrappa Chinna Poojari, Yong Rok Lee. 2022. Isolation and Phytochemical Screening of Endophytic Fungi Isolated from Medicinal Plant *Mappia foetida* and Evaluation of Its *In Vitro* Cytotoxicity in Cancer. *Applied Biochemistry and Biotechnology*, 194 (10), 4570-4586. Springer US.
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05.5. Research Paper published in the proceedings of the seminar/ conferences/ symposium.

1. Ramachandra Y L delivered keynote address at “Current Trends in Pharmaceutical Biotechnology” held on 8th February 2019 at Sahyadri Science College, Kuvempu University, Shivamogga, Karnataka.
2. Pooja. R and **Y. L. Ramachandra**. **2019**. Screening and Pharmacological evaluation of endophytic compounds of an endangered plant *Mappia foetida* presented in National Conference on “Recent Advances in Engineering Technology and Science- 2019” held on 26th and 27th April 2019.
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