



RAYALASEEMA UNIVERSITY

(A State University Established by Govt. of Andhra Pradesh)

(Accredited by NAAC with 'B' Grade)

KURNOOL – 518007, ANDHRA PRADESH

FACULTY PROFILE

1	Name of the Faculty	:	Dr. Bharath Kumar Ravuru, M.Sc., Ph.D.			
2	Designation	:	Professor & Head			
3	Department	:	Botany			
4	Date of Birth	:	01.06.1971			
5	Date of Joining	:	07.02.2018			
6	Academic Qualifications		UG Degree	PG Degree	Research Degree	
	Name of the Degree	:	B.Sc.(B.Z.C)	M.Sc. Botany-Plant Biotechnology	Ph.D- Ethnobotany	
	Class / Grade Awarded	:	II	I	I	
	Board / University	:	S.V. University, Tirupati	S.V. University, Tirupati	S.V. University, Tirupati	
	Year of receiving Degree	:	1992	1994	2002	
7	Areas of Specialization	:	Plant Biotechnology, Ethnobotany & Forest Ecology			
8	Total Experience (Yrs.)	:	Teaching	Industry	Total	
			19	3	22	
9	Papers Presented	:	National	International	Total	
			22	05	27	
10	Research Publications	:	Journals	Conferences Proceedings	Books / Chapters	
	National Level	:	20	--	02	
	International Level	:	49	--	--	
11	Participation in		Seminars	Conferences	Workshops	
	National Level	:	22	02	05	
	International Level	:	05	07	--	
12	Ph.Ds. / Projects Guided	:	Completed:	Ph.Ds-06. M.Sc.-14. M.Tech-7. B.Tech-21	Ongoing:	03(Ph.Ds), 01(M.Phil)
13	Research Projects handled	:	Major:	--	Minor:	02
14	Fellowships / Memberships	:	<u>Fellowship:</u> • ISRO-Research Fellowship- ISRO (RESPOND) Research Project, SHAR Centre, Sriharikota-RCB Venkatagiri (1995-1999)			

		<p><u>Membership in Professional Societies:</u></p> <ul style="list-style-type: none"> ❖ Life Member- Association for Environment and Science.Govt. of U.P., India(AESc.). ❖ Life Member- The Association of Microbiologists India (AMI- Haryana, INDIA). ❖ Life Member–Indian Science Congress Association (ISCA –Kolkata). ❖ Life Member- Society for Biotechnologists (India) (SBIT) Cochin University, Kerala. ❖ Member- The Science Advisory Board, Arlington, United States Member-European Federation of Biotechnology (EFB),Barcelona – Spain. ❖ Member- The New York Academy of Sciences (NYAS) -New York, NY. ❖ Member- Indian Network on Cultural and Biological Diversity (INCBD), Department of Botany, S.V. University, Tirupati. ❖ -Asia-Pacific Chemical, Biological& Environmental Engineering Society (APCBEEES), Hong Kong. ❖ Life Member-The International Association of Engineers (IAENG), HongKong.
15	Awards / Achievements / Any other information	<p><u>Awards & Academic distinctions:</u></p> <ul style="list-style-type: none"> • Awarded the Prestigious “Theoprastus National Academic Excellence Award 2021” in Botany, (REd Talks International, Regd. with Govt.of India,NITI Aayog,Estd. U/s 35of 2001,Govt.of A.P., Vijayawada.India • Letter of Recognition as the Best Teacher confirming by Governing Body of Global Management Council, Ahmadabad. (An Apex body in the field of Academics & Research). • Awarded the Prestigious “Adarsh Vidya Saraswati Rashtriya Puraskar”(National Award of Excellence 2019) by Global Management Council, Ahmedabad.(on 25th August, 2019). • Nominated as Board of Studies Member of Biotechnology for Govt. College for Women(Autonomus), Guntur by the Hon’ble,Vice –Chancellor, Acharya Nagarjuna University, Guntur (2016, 2017). <p><u>Editorial Board Member/Reviewer:</u></p> <ol style="list-style-type: none"> 1. Reviewer for Environment and Ecology Research (ISSN:2331:6268), Horizon Res. Pub. Corporation,USA (2018-2024) 2. Member/ Reviewer- International Journal of Agriculture, Environment and Biotechnology, New Delhi Publishers, Head OFC: 7/28, Vardaan House, Ansari Road, Daryaganj, New Delhi-110002 (UGC Listed) 3. Member- Editorial Board for International Journal of Ethnobiology & Ethnomedicine, BioMed Research Journals, 67 Laxmi Ratan Colony, Narayanpur, Kanpur, U.P. India. 4. Member- Editorial Board for BMR Biotechnology an International Journal, BioMed Research Journals, 67 Laxmi Ratan Colony, Narayanpur, Kanpur, U.P. India. 5. Member-Editorial Board for International Journal of Research in Ayurveda &Pharmacy (IJRAP) – (Scopus, Indexed)Moksha Publishing House,42-A, Anand Kunj,Tilak Nagar Colony, Rampur –244901, U. P., India 6. Member - Editorial Board for - E-International Scientific Research Journal Consortium (EISRJC)- BCTA Inc, Philippines.

7. Member - *International Journal of Agriculture and Forestry*- Scientific & Academic Publishing Co. Address: 1200 Rosemead Blvd, STE D #105, Rosemead, CA, 91731, USA.

8. Member - *BIOTECHNOLOGY RESEARCH BULLETIN*-An International Open Access Research Journal- Pub. Bioindica and Company, No 4, 108/A, 6th street, Perumalpuram, Tirunelveli, Tamilnadu, India-627 007.

❖ Patent/s Filed:

Inventor: Mr. Karlapudi Abraham Peele, **Dr. Ravuru Bharath Kumar**, Dept. of Biotechnology, Vignana's University & Dr. Kodali Vidya Prabhakar & Mr. Ch Ravi Teja (Dept. of Biotechnology, Vikrama Simhapur University, Kakuturu, Venkatachalam Mandal, Nellore, Andhra Pradesh).

Patent filed on : **07/04/2017** ; Application No: **201741012684**

Title: **A NOVEL ALKALINE LACCASE FROM A MARINE BACTERIUM: ISOLATION AND PREPARATION THEREOF**

❖ Invited Talks: 02 (National Conference/workshops)

❖ One DST-WoS-A- is working in the Dept. of Botany (as Mentor for DST-WoS-A)

Any other information:

Administrative Accomplishments:

- ✓ **Head, Department of Botany-(2018- till date).**
- ✓ **Head, Department of Zoology-(2019-2020 & 2021-till date).**
- ✓ **Head(I/c), Department of Biotechnology-(2023-till date).**
- ✓ **Dean, Academic Affairs, RU, KNL (2024- till date).**
- ✓ **Director, Research Studies, (Proc. of Hon'ble VC, RU, KNL) (2019-2021 & 2022).**
- ✓ **BoS, Chairman, PG Course-Botany, RU, Kurnool.**
- ✓ **BoS, Chairman, PG Course- Microbiology, RU, Kurnool.**
- ✓ **BoS, Member, PG Course-Botany, ADKNU, Rajamahendravaram**
- ✓ **BoS, Member, PG Course-Botany, VSU, Nellore**
- ✓ **Programme Coordinator, NSS, RU, KNL (2021 to 2022).**
- ✓ **Coordinator, IQAC (Proc. of Hon'ble VC., RU, KNL (2021 to 2022).**
- ✓ **Member, Academic Council, Sri Ramakrishna Degree College (Autonomous), Nandyal, (Nominated by Hon'ble, Vice-Chancellor, Rayalaseema University, Kurnool).**

16	Contact information	Mobile	Email ID
		91+8500722075	drbharathravuru@gmail.com

Selected Scientific Publications:

International Journal Publications:

1. D.Dharani, K. Kavitha, C. Divya, A. Gangadhar Goud, A. Mahendra, Prof. R. Bharath Kumar (2022) A Note on Preparation and Assessment of People's Biodiversity Register (PBR) of Gargeyapuram Village, Kurnool District., *Int. J. Pharm. Sci. Rev. Res.*, 74(1), May-June 2022; Article No. 28, Pages: 173-186, ISSN 0976 – 044X [Scopus Indexed].
2. R. Bharath Kumar and B. Suryanarayana (2020) Ethnomedicinal Recipes for Cardiac and Hypertension Properties from Tribals of Sriharikota Island, Andhra Pradesh. *Int. J. Pharm. Sci. Rev. Res.*, 62(2), May - June 2020; Article No. 26, Pages: 166-170, ISSN 0976 – 044X [Scopus Indexed].
3. G. Eswaraiyah, K. Abraham Peele, S. Krupanidhi, M. Indira, R. Bharath Kumar, T. C. Venkateswarulu (2019) GC-MS analysis for compound identification in leaf extract of *Lumnitzera racemosa* and evaluation of its in vitro anticancer effect against MCF7 and HeLa cell lines [Page No. 1-4], 2019, *Journal of King Saud University Science* ISSN: 1018-3647 [Elsevier Publishers].
4. G. Eswaraiyah, K. Abraham Peele, S. Krupanidhi, R. Bharath Kumar, T. C. Venkateswarulu (2019) Identification of bioactive components in leaf extract of *Avicennia alba* by GC-MS analysis and evaluation of its in-vitro anticancer potential against MCF7 and HeLa cell lines [Page no. 1-5], 2019, *Journal of King Saud University Science*, ISSN: 1018-3647 [Elsevier Publishers].
5. R. Bharath Kumar & B. Suryanarayana (2018) Ethnomedicinal recipes for Antipyretic and Antiperiodic properties from Tribals of Sriharikota Island, Andhra Pradesh. [Sep-2018] Vol. 10 | Issue No. 3 | 31411-31426 | *International Journal of Pharma & Technology* ISSN: 0975-766X [Scopus Indexed].
6. Varaprasad Vanaparthi Bharath Kumar Ravuri and Sudhakar Poda (2018) The Stimulatory Effect of Strychnine Alkaloid on Production of Glucagon like Peptide-1 Hormone (GLP-1) in the gut of alloxan induced diabetic rabbits. *IJPBS* | Volume 8 | Issue 1 | JAN-MAR | 2018 | 74-81 [UGC listed].
7. R. Bharath Kumar, T. C. Venkateswarulu, K. Vidya Prabhakar, and S. Krupanidhi (2017) Optimization of Variables for Lactase Production from Isolated *Bacillus subtilis* strain VUVD001 Through Submerged Fermentation. *Current Trends in Biotechnology and Pharmacy*. Vol. 11 (4) 371-375 October 2017, 371-375, [Scopus Indexed].
8. Venkateswarulu, T. C., Prabhakar, K. V., R. Bharath Kumar & Krupanidhi, S. (2017) Modeling and optimization of fermentation variables for enhanced production of lactase by isolated *Bacillus subtilis* strain VUVD001 using artificial neural networking and response surface methodology. *3 Biotech, International Research Journal*, 7(3), 186. (1-7) (SCI Indexed) [IF.1.36].
9. T. C. Venkateswarlu, R. Bharath Kumar & K. Vidya Prabhakar

List of Publications

/Chapters/Books

17

(APA Format)

(2017) -Optimization of Nutritional Components of Medium by Response Surface Methodology for Enhanced Production of Lactase-3*Biotech (BITC) International Research Journal*, 2017, 7:202 (1-9) [SCI Indexed (IF.- 1.36)].

10. B. Mohan Raj, R. Bharath Kumar, G. Venkata Rao and K. Sri Rama Murthy (2017)-An optimised in vitro protocol for mass production of *Rhizoglyphus irregularis* spores – for susta-inable agriculture. *African Journal of Bacteriology Research*. 2017,Vol. 9(4) 21-29.
11. Abraham Peele K.Bharath Kumar R & Vidya Prabhakar, K (2016) -Detection of Quorum Sensing in Bioemulsifier Producing Bacteria. *Int. J. Pharm. Sci. Rev. Res.* 2016, 38(1), 227229 [Scopus Indexed].
12. R. Bharath Kumar, S. Krupanidhi, M. Praveen & T. Vijay Srikanth (2016)-In-vitro Studies on Phytochemical Screening of selected plant species of Vignana's University campus, Vadlamudi, Andhra Pradesh. *Journal of Pharmaceutical Sciences and Research*, Vol.8(9), 2016, 961-966. [Scopus Indexed].
13. R. Bharath Kumar, P. Krishna Chaitanya, P. Avinash & S. Asha (2016) In-vitro plant regeneration studies on *Cicer arietinum* L. (Chickpea) for its heavy metal tolerance (K2Cr2O7). *RJPBCS*, 2016, 7(1) 1581-93 [Scopus Indexed].
14. R. Bharath Kumar and B. Suryanarayana (2016)-Ethno- medicinal recipes for Diabetes from Tribals of Sriharikota Island, Andhra Pradesh. *Der pharmacia lettere*, 2016, Vol. 8: Issue 5, 111-118. [Scopus Indexed].
15. R. Bharath Kumar & B. Suryanarayana (2016)-Ethnomedicinal Recipes for Psychoactive Problems and Nervous Disorders from Tribals of Sriharikota Island, Andhra Pradesh. *Int. J. Pharm. Sci. Rev. Res.*, 2015, 34(2), 245-250. [Scopus Indexed].
16. R. Bharath Kumar, E. Manoj Kumar & Uday Kiran Pachva (2015)-In-vitro Experimental Studies of Some Selected Weed Species for their Antibacterial Activity. *RJPBCS*, 2015, 6(5) 836-843. [Scopus Indexed].
17. R. Bharath Kumar, D. Jagadish & E. Manoj Kumar (2014)-A note on algae as potential source for alternate fuels – Biodiesel, in *International Journal of PharmTech Research*, Vol.6, No.6, pp 1783-1793. [Scopus Indexed].
18. Bharath Kumar, R., S. Asha & B. Sarath Babu (2014)-A note on Phytodiversity and Phytochemistry of important Plant species of Vignana University Campus, Vadlamudi, Andhra Pradesh. *Inter-national Journal of Pharma and Bio Science*. 2014, Vol. 5(1): (B) 373 – 386. [Scopus Indexed].

Conference Proceedings: NIL

Books / Chapters:

Book Chapters:

1. R. Bharath Kumar, Mr. A. Ranganadha Reddy & K. Vidhya Prabhakar - "Isolation and Identification of Poly Hydroxy Butyrate (PHB) producing bacteria from Sewage sample" - International Conference on Biotechnology & Bioengineering Trends - Proceedings of the Conference book (ISBN-978-9385518-10-2) pp, 2017.

		<p>2.R.Bharath Kumar,T.C.Venkateswarulu,N.Venkata Raju & K.S. RaviTeja-“Applications of Bioinformatics Tools in Agriculture Sciences”-Pub.in Advances in Agriculture Sciences (Volume-31) Ref.No:AAS-31-03, AkiNik Publications, New Delhi. (ISBN-9789391538590), 15-33 pp, 2021.</p>
18	Profile ID's	<p>ORCID:http://orcid.org/0000-0002-1385-0798 Researcher ID:E-8290-2012 Google Scholar Profile Link: Prof. Bharath Kumar Ravuru - Google Scholar</p> <p>VIDWAN Profile ID: ProfileURL:https://vidwan.inflibnet.ac.in/profile/209096</p>



SIGNATURE OF FACULTY