

PROFILE

JYOTHI, V.

D/o Venkataramanaiah, M

Lakkavalli – 577128

Tarikere Taluk

Chikkamagaluru District.

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Educational Qualification

- **Master science**

University	:	Kuvempu University, Shankaraghatta
Subject	:	Microbiology
Year	:	2013
Percentage	:	64.5%

- **Bachelor Science**

College	:	Sahyadri Scienc College, Shivamogga
Subjects	:	Biotechnology, Botany, Chemistry
Year	:	2011
Percentage	:	60.28%

Project work:

- B. Sc., Biotechnology dissertation on “**Scale – up of Animal Cell Culture**” under the guidance of Dr. Ramesh, C. K., Associate Professor, Department of Biotechnology, Sahyadri Scienc College (Autonomous), Shivamogga.

- B. Sc., Botany project on “**Studies on the Vermicompost by using Earthworms**” under the guidance of Dr. Krishnmurthy, G., Assistant Professor, Department of Chemistry, Sahyadri Scienc College (Autonomous), Shivamogga.
- B. Sc., Chemistry dissertation on “**The Study of Drugs**” under the guidance of Dr. Ramesh, C. K., Associate Professor, Department of Biotechnology, Sahyadri Scienc College (Autonomous), Shivamogga.
- M. Sc., project on “**Response of Sorghum (Sorghum bicolor) for different VAM inoculants; Screening Study**” under the guidance of Dr. Pradeep, S., Co – ordinator, Organic Farming Research Center, ZAHRS, UAHS, Navile, Shivamogga and co-guidance of Dr. B. Thippeswamy, Assistant Professor, Department of P. G. Studies and Research in Microbiology, Kuvempu University, Shankaraghatta.

Research papers presented in Seminars/Conferences

1. **Jyothi, V** and B. Thippeswamy, “Isolation, Identification and Characterization of Phosphate Solubilizing Microorganisms from Rhizosphere soil, Bhadra Wildlife Sanctuary, Karnataka”. **Oral Presented** at Two Days National Conference on “Current Microbial Challenges in the Environment (CMCE - 2018)” organized by Department of P. G. Studies and Research in Microbiology, Kuvempu University, Shankaraghatta during 9th and 10th March – 2018.
2. **Jyothi, V** and B. Thippeswamy, “Isolation and characterization of Phosphate Solubilizing Fungi from Rhizosphere soil of Medicinal plants”. **Poster presented** at Two Days National Conference on “Biodiversity Conservation – Recent Development & Future Strategies” organized by Department of P. G. Studies and Research in Wildlife and Management, Kuvempu University, Shankaraghatta during 16th and 17th November 2018.

3. **Jyothi, V** and B. Thippeswamy, “Isolation and Characterization of Phosphate Solubilizing Fungi from Rhizosphere soil of Medicinal Plants” **Poster presented** at Two Days National Conference, “New Horizons in Biological Science (NHBC - 2019)” organized by Department of Botany and Seed Technology, Sahyadri Science College, A constituent college of Kuvempu University, Shivamogga during 22nd and 23rd February 2019.
4. **Jyothi, V** and B. Thippeswamy, “Analysis of Phosphate by Phosphate Solubilizing Fungi”. **Oral Presented** at Two Days National Conference, “Exploring Innovative Research and Developments in Chemical Sciences (EIRDCS - 2019)” organized by Department of P. G. Studies and Research in Chemistry, Kuvempu University, Shankaraghatta during 1st and 2nd March 2019.
5. **Jyothi, V** and B. Thippeswamy, “*Aspergillus carbonarius* as a potential Phosphate Solubilizer”. **Oral Presented** at Two Days National Conference, “Phytochemicals and Microbial Bioactive Compounds – Role in Agriculture and Human Welfare (PMBC - 2019)” organized by Department of Microbiology and Biotechnology, Bangalore University, Bangalore, during 3rd and 4th October 2019.
6. **Jyothi, V** and B. Thippeswamy, “Phosphate solubilizing potential of *Talaromyces amestalkiae* isolated from rhizosphere soil of medicinal plant – *Costus igneus*”. **Oral Presented** at One Day National Conference on “Innovative Microbial Trends and Challenges in Environment (IMTCE – 2020)” organized by Department of P. G. Studies and Research in Microbiology, Kuvempu University, Shankaraghatta during 2nd March 2020.

Participation in Seminars/Conferences/ Workshop

1. Participated in Two days UGC sponsored National Seminar on “**Conservation and Sustainable Development of Eco system in Western Ghats - 2010**” organized by Department of Botany, Sahyadri Scienc College (Autonomous), Shivamogga.
2. Participated in Two days UGC sponsored National Symposium on “**Emerging Trends in Biotechnology**” organized by Department of Biotechnology, Sahyadri Scienc College (Autonomous), Shivamogga.
3. Participated in Two days National Seminar on “**Role of Microbes: Past, Present and Future – 2012**” organized by Department of P. G. Studies and Research in Microbiology, Kuvempu University, Shankaraghatta.
4. Actively participated and prepared model in “**Kuvempu University Silver Jubilee Exhibition – 2012**” organized by committee for popularization of science education, Kuvempu University, Shankaraghatta.
5. Participated in Two days National Seminar on “**Progress in Biomedical Research and its Impact on Human Health – 2012**” organized by Department of P. G. Studies and Research in Biochemistry, Kuvempu University, Shankaraghatta.
6. Participated in One day State Level Seminar on “**Emerging Trends in Microbiology: Issues and Challenges**” organized by Department of Microbiology, Sahyadri Scienc College (Autonomous), Shivamogga.
7. Participated in One day State Level Seminar on “**Current Challenges of Microbes**” organized by Department of P. G. Studies and Research in Microbiology, Kuvempu University, Shankaraghatta during 4th March – 2016.
8. Participated in Two days National Seminar on “**Frontier Research in Diversity and Taxonomy of Medicinal Plants**” organized by Biological Science Departments,

Kuvempu University, Shankaraghatta, Sponsored by DBT, Ministry of Science and Technology, New Delhi during 4th and 5th November 2016.

9. Participated in One day State Level Seminar on **“Path to Entrepreneurship in Life Sciences”** organized by Department of P. G. Studies and Research in Microbiology, Kuvempu University, Shankaraghatta during 22nd February 2017.
10. Participated in Two days National Seminar on **“Toolkit to Accelerate Research”** organized by Kuvempu University, Jnana Sahyadri, Shankaraghatta and LIS Academy, Bangalore during 22nd and 23rd March – 2019.
11. Participated in One day Workshop on **“Research Methodology”** organized by Scheduled Caste and Scheduled Tribe Development Cell, Jnana Sahyadri, Kuvempu University, Shankaraghatta during 27th March – 2019.
12. Participated in Two days National conference on **“Emerging Multi Disciplinary Trends in Biotechnology and Engineering: A Future Perspective”** held at Acharya Institute of Technology, Acharya Dr. Sarvepalli Radhakrishnan Road, Soladevanhalli, Hesaraghatta road, Bangalore – 107, sponsored by AICTE during 23rd and 24th August 2019.
13. Attending the International webinar on **“Natural Products Development”** by Dept. of Food Technology, Shivagangothri, Davanagere University, Davanagere held on 31st May 2020.
14. Attending the National level Quiz on **“Importance of Algae”** organized by the Dept. of Microbiology, S.R.N.M.N College of Applied Science, Shivamogga, Karnataka, during 29th to 31st July 2020.
15. Participated in Three days International days Webinar on **“Emerging Trends in Biotechnology and Bioinformatics 2020”** organized by the Department of

Biotechnology and Bioinformatics, Yogi Vemana University, Kadapa, Andhra Pradesh, India, during 3rd to 5th September 2020.

16. Attending the State level Awareness Quiz on **“Kyasanur Forest Disease”** organized by the Dept. of Microbiology, S.R.N.M.N College of Applied Science, Shivamogga – 577 201, Karnataka, during 23rd August 2020.
17. Participated the webinar on **“Nanotechnology in Medical Field: Promises & Challenges”** Co-ordinated by SDM Research Institute for Biomedical Science, Shri Dharmasthala Manjunatheshwara University, Dharwad, Karnataka, during 29th September 2020.
18. Participated in one day webinar on **“GROW, NOURISH, SUSTAIN: TOGETHER”** conducted on the occasion of ‘World Food Day - 2020’ by Dept. of Studies in Food Technology and Food Technology Forum, Davanagere University, Shivagangothri, Davanagere 577007, held on 16th October 2020.
19. Participated in the Webinar on **“Importance of Research and Funding Opportunities in AICTE With Respect to New National Education Policy of India”** organized by Center for Research and Development, The Oxford College of Engineering, Bengaluru – 560 068, held on 5th November 2020.

DOCTOR OF PHILOSOPHY

Research Topic: “ISOLATION AND EVALUATION OF PHOSPHATE SOLUBILISING FUNGI FROM RHIZOSPHERE SOILOF MEDICINAL PLANTS OF SHIVAMOGGA DISTRICT”.

Research Papers Published/Accepted/Communicated:

1. Jyothi, V. and Thippeswamy, B., 2020, *Aspergillus carbonarius* as a potential Phosphate Solubilizer, *Asian Journal of Microbiology, Biotechnology and Environmental Sciences*, 22(3); 103-109. (ISSN-0972-3005, NAAS, Indian Impact Rating 4.92), (Accepted). UGC care list.
2. Jyothi, V. and Thippeswamy, B., 2020, Biosynthesis of Silver Nanoparticles and Phosphate solubilizing activity of *Penicillium oxalicum*, *Plant Archives*, 20(2); **Scopus** (ISSN-0972-5210, ISSN: 2581-606 (Online) (NAAS Rating: 4.41), (Accepted). UGC care list.
3. Jyothi, V., Sowmya, H. V. and Thippeswamy, B., 2020, Siderophore production by Phosphate Solubilizing Fungi from Rhizosphere soil of Medicinal plants, *International Journal of Biology and Biotechnology*, **Web of Science**, (RG Journal Impact: 0.48) (ISSN-1810-2719), (Accepted). UGC care list.
4. Jyothi, V. and Thippeswamy, B., 2020, Isolation and Characterization of Phosphate Solubilizing Fungus *Aspergillus niger* from Rhizosphere Soil of Medicinal Plants, *Journal of Microbiology, Biotechnology and Food Science*, **Scopus** (ISSN-1338-5178) (Communicated). UGC care list.
5. Jyothi, V. and Thippeswamy, B., 2020, *Talaromyces amestolkiae*– A Potential Phosphate Solubilizer among the Isolated Rhizosphere Soil Fungi of Medicinal Plants, *Research*

Journal of Biotechnology, Scopus and Web of Science, (E-ISSN-2278-4535, Print ISSN – 0973-6263), (Communicated). UGC care list.

6. Jyothi, V., Akarsh, S., Sowmya, H. V. and Thippeswamy, B., 2020, Isolation and Evaluation of Phosphate Solubilization efficiency of *Aspergillus awamori* from Rhizosphere soil of Medicinal plant – *Coleus aromaticus*, *Archives of Microbiology, Scopus, (Impact factor 1.6) (ISSN-0302-8933), (Communicated). UGC care list.*

Phosphate Solubilizing Fungal 18s rRNA sequences deposited to GenBank, NCBI

Sl No.	Code No.	Sample	GenBank Accession No.
1	KUMBJBT06	<i>Penicilliumoxalicum</i> (PSF 39)	MN733168
2	KUMBJBT07	<i>Talaromycesamestolkiae</i> (PSF 10)	MN904859
3	KUMBJBT08	<i>Aspergilluscarbonarius</i> (PSF 37)	MN904861
4	KUMBJBT09	<i>Aspergillusniger</i> (PSF 40)	MN904862
5	KUMBJBT10	<i>Aspergillusawamori</i> (PSF 44)	MN904869
6	KUMBJBT11	<i>Penicilliumoxalicum</i> (PSF 5)	MN904870

Personal Details:

Name : **JYOTHI, V.**

Father's name : Venkataramanaiah, M

Mother's name : Chandrakala, B. O

Date of Birth : 17th November 1989

Parmanent Address : B O B Camp, Lakkavalli post, Lakkavalli, Tarikere Taluk,
Chikkamagalore District. Pin code – 577128.

Gender : Female

Marital status : Married

Nationality : Indian

Languages known : Can read, write, speak – Kannada, English.
Can speak – Telugu.