

CURRICULUM VITAE

Dr. Venkata Gopinath B
M.Sc., Ph.D

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Career Objective

To seek challenging position in organization which provides best opportunity to utilize my skills towards the development of organization as well as my better future.

Personal Data

Father's Name : Late B. Krishnaswamy
Date of Birth : 22-11-1976
Present Working : Assistant Professor ©
Department of Microbiology
University College, Kakatiya University
Warangal ,Telangana State.
Permanent Address : 2-9-764
Opp: ShyamalaGarden's,
N.G.O.'s Colony, Hanamkonda,
Warangal – 506 370
Sex : Male
Nationality : Indian
Marital Status : Married
Languages known : English, Hindi and Telugu
Hobbies : Playing Shuttle, Listening to Music

Educational Qualification

Education	Board/University	Year	Percentage	Division
Ph.D. (Microbiology)	Kakatiya University	2009	60	First
M.Sc. (Microbiology)	University College, Kakatiya University, Warangal	2001	67.67	First
B.Sc. (Microbiology)	SVS Degree and PG College, Hanamkonda.	1999	62.7%	First

Botany Chemistry)				
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Ph.D. Title

Characterization and Antimicrobial Activity of Actinomycetes from Extreme Environments of Andhra Pradesh

Achievement

First selected fellow for **Rajiv Gandhi National Fellowship** 2005 in Kakatiya University, Warangal.

Training/workshop

1. Worked as Microbiologist in Telsa Diagnostic and Research Centre, Hyderabad. (2001)
2. Worked as Microbiology Lecturer (Course Co-ordinator) in SVS Degree and PG College, Hanamkonda. (2002)

Present Position

1. Since 2003 working as Microbiology Lecturer (Guest Faculty) in Kakatiya Govt. Degree and PG College, Hanamkonda.
2. Working as Academic Counselor Science & Technology in Dr. B. R. Ambedkar Open University Study Centre, Kakatiya Govt. Degree and PG College, Hanamkonda. (Since 2005).
3. Since 2009 working as Part-time Microbiology Lecturer in University Arts & Science College, Subedari, Warangal.

Research Experience

Identification of *Streptomyces rochei* (MMKK5_1492R_S0068) by using 16S rDNA Sequencing Isolated from Coal Fields of Andhra Pradesh

As a part of research programme for Ph.D. Degree, selected a problem on the identification of actinomycetes from coal fields of Andhra Pradesh. During the investigation Actinomycetes are best known for their ability to produce antibiotics and are gram positive bacteria which comprise a group of branching unicellular microorganisms. In this study, we revealed rapid detection of streptomycin- producing *Streptomyces* sp. By extraction of total soil DNA from 16 soil samples using a modified lysis method followed by PCR amplification

of a genus specific sequences in the Streptomyces 16S r DNA gene. DNA band of the expected size was seen with the sample (MMKK5 1492R S0068 (850bp). Additionally 16S r DNA universal primers: 8F and 1492R., These results indicate the PCR amplification of Streptomyces specific genes could used for direct detection of streptomycin - producing *Streptomyces rochei* from coal mine soil of Andhra Pradesh

Extension Lectures

Given extension lecturer on “Biodegradation of environmental pollutants pesticide in ABV Govt. Degree College, Jangaon on 10/12/2007 under Proceedings of the Principal & Chairperson, District Resource Centre, Kakatiya Govt. College, Hanamkonda.

Training Programme

Attended five day training programme to “PG Teachers of Affiliated College” Jointly organized by Kakatiya University, Warangal and Andhra Pradesh Council of Higher Education, Hyderabad from 1St July to 5th July, 2008 at Kakatiya University. Warangal

Research Publications

1. **B.V. Gopinath, Praveen Kumar Vootla, R. Jyothi and K. Sadashiva Reddy (2013)** “Antimicrobial Activity of Actinomycetes from Coal Mine Soils of Godavari Belt Region, A.P, India” *ASIAN J.EXP.BIOL.SCI* 4(4): 518-523
2. **B.Venkata Gopinath*** and M.A. Singara Charya (2013) **Characterization of antibacterial compounds produced by the actinomycetes using NMR spectral analysis.** International Journal of Pharma Sciences and Research (IJPSR) ISSN : 0975-9492. Vol 4 No 2.
3. **B.Venkata Gopinath*** and M.A. Singara Charya (2012) Identification of *Streptomyces rochei* (MMKK5_1492R_S0068) By Using 16S rDNA Sequencing Isolated from Coal Fields of Andhra Pradesh. **Journal of Pure and Applied Microbiology Vol. 6 No. 1.**
4. **B.Venkata Gopinath*** and M.A. Singara Charya (2012). Enzyme of Actinomycetes from Singareni Collieries Coal Mine Sample of Andhra Pradesh. **ASIAN J.EXP.BIOL.SCI 3(4) 2012: 846-849**
5. **B.Venkata Gopinath*** and M.A. Singara Charya (2011) Actinomycete from coal fields of Andhra Pradesh and their Antibiotic production” Applied Microbiology and Biotechnology. **Scholars Research Library Archives of Applied Science Research, 2011, 3 (2):813**
6. Krishna Bolla, B. Samatha, **B.Venkata Gopinath*** and M.A. Singara Charya (2010) Optimization of carbon and nitrogen source of submerged culture process for the production of mycelia biomass and exopolysaccharides by *Trametes versicolor*. **International Journal**

for Biotechnology and Molecular Biology Research Vol.1(2), pp. 15–21, ISSN 2141-2154 Academic Journals

7. **B.Venkata Gopinath*** and M.A. Singara Charya (2009) Optimization of antibiotics from three strains of Actinomycetes from coal soils of Andhra Pradesh” **Proceedings of Kakatiya Govt. Degree and PG College, Hanamkonda Sponsored by UGC.**
8. V. Praveen Kumar, **B.V. Gopinath** and K. Sadashiva Reddy (2014). Distribution and occurrence of arbuscular mycorrhizal fungi in rhizosphere soils of *Azadirachta indica* of different mandals of Warangal district, Andhra Pradesh. (communicated)

Seminars Attended

International

1. Presented a poster on “**Actinomycetes of coal fields and their antibiotic activity**” in **International conference on Plant Biotechnology and Molecular Biology**, which is held in Department of Biotechnology, Kakatiya University, Warangal ‘on 15 17th August 2008.
2. Presented a paper on “**Isolation and Incidence of Actinomycetes From Coal Mine Soil Sample of Andhra Pradesh**”, which is held in Department of Biotechnology, Kakatiya University, Warangal on 2nd to 4th November, 2010

National

1. Presented a paper on “Isolation, identification and antimicrobial action of Actinomycetes from AP” in Current Trends in Plant Sciences, which is held in Department of Botany, Kakatiya University, Warangal on 16th & 17th April 2005.
2. Presented a paper on “Isolation and antimicrobial action of Actinomycetes from extreme environments of Andhra Pradesh” in National Seminar “Recent Trends in Microbial Technology” organized by Chaitanya Post Graduate College, Warangal on October 5th and 6th, 2007.
3. Presented a paper on “Identification of the Streptomycin strain A-6” in National Seminar “Recent Trends in Biotechnology” organized by Lal Bahadur College, Warangal on 30th November and December 1st 2007
4. Presented a paper on “Antibiotics production of Actinomycetes collected from coal fields of AP” in “Recent advances in Molecular Microbiology and Microbial Technology”, which is held in Department of Microbiology, Kakatiya University, Warangal from January 22” - 24th 2009.
5. Presented a paper on “Optimization of antibiotics from three strains of Actinomycetes from coal soils of Andhra Pradesh” in National Seminar on Biotechnology in life sciences current

trends and developments organized by Department of Zoology, Kakatiya Government Degree and PG College, Warangal from 18th and 19th July, 2009.

6. National seminar on **microbial diversity exploration & bioprospecting**, department of microbiology, 27-28 March 2010.
7. **Recent trends in microbial technology** 26-27 March 2011, department of Microbiology, KU.
8. Attended the State Level Seminar on **CONVENTIONAL COURSES IN U.G. & P.G. COLLEGES – MEASURES TO RETAIN & PROMOTE THE COURSES USING QUALITY PARAMETERS**, sponsored by National Assessment & Accreditation Council (NAAC) Bangalore held on 19th and 20th November, 2010.
9. Attended one day workshop on **Hands on Experiments on Molecular Diagnostic Techniques** at PINGLE GOVT. WOMEN'S COLLEGE, HANAMKONDA on 7th March, 2013
10. Attended State Level Seminar on **Quality Assurance Practices in Higher Education – Issues & Challenges (IQAC- NAAC)** at KAKATIYA GOVT., COLLEGE, HANAMKONDA on 26th & 27th, September, 2013
11. Attended National Conference on **Perspectives, Recent trends and Challenges in Life Sciences**, (Sponsored by APCOST, Hyderabad) organized by Government College, Mulugu, Warangal Dist., 28th Feb & 1st March, 2014.

Strengths

Fast learning capability in any new cutting-edge technology.

Good communication and interpersonal skills.

Can adapt to any situation and any environment self-motivated workaholic.

Reference

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|---|---|
| 1) Prof. M.A. Singara Charya
Board of Studies Chairman
Department of Microbiology
Dean, CDC, Kakatiya University,
Warangal - 506 009 | 4) Dr. E. Sujatha
Department of Microbiology
Kakatiya University, Warangal -506 009 |
| 2) Prof. S. Girisham
Head, Department of Microbiology
Kakatiya University, Warangal-506 009 | 5) Dr. P. Venkataiah
Incharge, Department of Microbiology
UASC, Kakatiya University,
Warangal-506 009 |
| 3) Dr. T. Rajakomuraiah
Department of Microbiology
Kakatiya University, Warangal-506 009 | 6) Dr. M. Srinivas
Department of Microbiology
Kakatiya University, Warangal-506 009 |

Declaration

I hereby declare that the information furnished above is true to the best of my knowledge.

(Dr. B.V.GOPINATH)