

# CURRICULUM VITAE

**Dr. Maqsood Ahmed Mohammed**  
M. Sc., Ph. D

Assistant Professor In Microbiology,  
S.K.R Govt Degree College, Gudur, Tirupati  
**Email:** mdmaqsood.micro@gmail.com

**Date of Appointment :** 26—12-2011

**Teaching Experience :** PG - 4 Years  
UG - 11 Years

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## EXPERIENCE

- Presently working as **Lecturer** In Microbiology, S.K.R Government Degree College, Gudur, Tirupati from **December 2011 till date**
- Worked as **Scientist** at Nandan biomatrix limited, Zaheerabad, Andhrapradesh From December **2010 to 2011**
- Worked as **Visiting Faculty (Academic consultant) cum Researcher** at Department of Microbiology, University college of science, **Osmania University Hyderabad** -500007 AP. India. **From May 2009 to March 2010**
- Visiting Researcher at **University of Guelph**, and worked in Bioproducts Discovery and Development Center, Department of Plant Agriculture, Guelph, **Ontario, Canada**, under GSEP fellowship Canada - India exchange program, supported by Foreign Affairs and International Trade Canada (DFAIT) and Canadian Bureau for International Education (CBIE). **From December 2008 to May 2009**
- Worked as research associate at Centre for Liver Research and Diagnostics, **Deccan college of Medical Science Hyderabad**. **From December 2001 to June 2003**
- Senior research fellow in DST sponsored project entitled “Xylitol production from *Candida* species” at Department of Microbiology Osmania University. **From May 2006 to November 2008**
- Worked as a part time academic consultant at Department of Micro biology, Osmania University . had taken classes Post graduate Students in virology and Immunology **From December 2003 to March 2006**
- Project assistant in UGC sponsored project entitled "Evaluation of Thermotolerance Mechanism in VS3 Strain *saccharomyces cerevisiae* of for Ethanol Production" at Department of Microbiology Osmania University **From June 2003 to March 2004**.

## PROFESSIONAL ACCOMPLISHMENTS

- Andhra Pradesh council for Higher education nominated Subject Expert committee member for setting 4<sup>th</sup> year B.Sc Honours Degree Syllabus for Food Technology
- Chairman Board of studies Microbiology Vikrama Simhapuri University from year from 2019 till date
- Member Board of studies Microbial laboratory Technology Vikrama Simhapuri University from year from 2021 till date
- Member Board of studies Microbiology Government College for women (Autonomous) Guntur from year from 2019
- Member Board of studies food technology DRW College for women (Autonomous) Gudur from year from 2018-19
- Member Board of studies food technology DK College for women (Autonomous) SPSR Nellore from year from 2018-19

## PROFESSIONAL DEVELOPEMENT

- Capacity Building Training Programme in English for Degree College Lecturers, A .P at ***Center for Consultancy and Language Training (CCLT) English and Frogein Language University (EFLU)*** from 24<sup>th</sup> April to 4<sup>th</sup> May 2023
- Six Day **Faculty development Program on Mentoring and Facilitation for Apprenticeships** from 19<sup>th</sup> to 24<sup>th</sup> **December 2022** at Mahatma Gandhi National Council for Rural Education, Department of Higher education Ministry of Education, Government o India
- UGC Sponsored two week **Refresher course on Health Management ( Multi- disciplinary)** from 1<sup>st</sup> to 14<sup>th</sup> **September 2022** conducted by **UGC-HRDC Academic staff college**, Sri Venkateswara University Tirupati.
- Swayam online ARPIT certificate course **Gender/ Women Studies** conducted by **Jamia Milia Islamia University New Delhi** 16 week self paced course,
- **AICTE Sponsored** one week online elementary Faculty development Program ( FDP) on **Bioconversation technologies and Start Up Opportunities in Biofuel Production** conducted by **AICTE Training and Learning( ATAL) Acadamy**, organised By Silver jubilee Govtr College, Karnool A.P from -14<sup>th</sup> -18<sup>th</sup> **June 2021**
- **Ministry of Electronics and Information Technology (MeitY) One week orientation workshop on “ OER CONTENT DEVELOPMENT, MOOCS AND MOODLE”** from 26<sup>th</sup>to 31<sup>st</sup> **October 2018** organized the **E& ICT Academy National Institute of Technology Warangal**
- UGC sponsored **Short term Course/ Workshop on ICT** conducted by **UGC-HRDC Academic Staff college** Osmania University Hyderabad From 16<sup>th</sup> to 22<sup>nd</sup> **March 2016**

- UGC sponsored three week **Orientation Course** conducted by **UGC-HRDC Academic Staff college** Osmania University Hyderabad From **10<sup>th</sup> December 2013 to 08<sup>th</sup> January 2014**
- 5 Day Master Trainer's Training Program on “ **A Foundation Course in Human Values and Professional Ethics**” organized by **Commissionerate of Collegiate education Hyderabad in Collaboration with Indian Institute of Information Technology, Hyderabad (IIIT- H)** from **7-11<sup>th</sup> June 2014.**
- 8 Day Master Trainer's Training Program on “ **A Foundation Course in Human Values and Professional Ethics**” organized by **Commissionerate of Collegiate education Hyderabad in Collaboration with Indian Institute of Information Technology, Hyderabad (IIIT- H)** from **22-29<sup>th</sup> June 2013.**
- 5 Day Master Trainer's Training Program on “ **A Foundation Course in Human Values and Professional Ethics**” organized by **Commissionerate of Collegiate education Hyderabad in Collaboration with Indian Institute of Information Technology, Hyderabad (IIIT- H)** from **7-11<sup>th</sup> June 2013.**
- UGC Sponsored two week Refresher course on Recent Advances in Biotechnology and Bioinformatics from **6<sup>th</sup> to 26<sup>th</sup> November 2022** conducted by UGC Academic staff college, Jawaharlal Nehru Technological University, Hyderabad.

## ACADEMICS

### DOCTORAL RESEARCH-

2009

Ph. D in Microbiology, Osmania University, Hyderabad

Thesis title - “Multi enzyme production by a novel isolate of *Achaetomium globosum* OVM-5 for the degradation of lignocellulosic material”

- Supervisor: Prof. L.V. Rao, Department of Microbiology, Osmania Univ., Hyderabad.

### MASTERS DEGREE-

2000

M. Sc., in Microbiology  
Sri Krishnadevaraya University, Ananthapur

66.5 %

### BACHELORS DEGREE-

1997

B. Sc., in Microbiology  
Osmania University, Hyderabad

65.1 %

Intermediate (10+2)  
Intermediate

1994  
60.0 %

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## PUBLICATIONS

Isolation of Novel Lipase Producing *Sporobolomyces salmonicolor* OVS8 from Oil Mill

Spillage and Enhancement of Lipase Production, Habib M. Thabet , Chand Pasha, Md Maqsood Ahmed and Venkateswar R. Linga **Jordan Journal of Biological Sciences**, Vol 5, No4,.2012, 301 - 306

Bioethanol Production with *Prosopis juliflora* Pods using Thermotolerant *Saccharomyces cerevisiae* VS3 strain, **Journal of technology spectrum** Pasha, C., **Maqsood**, Anuj and Rao, L.V. 2007.

Novel mutation method for increased cellulose production P.Chand, A.Aruna, **A.M Maqsood**, L.V.Rao. **Journal of Applied Microbiology**, Vol 98,318-323 ;2005.

Hepatic stem cells existence and origin: and its clinical applications. Stem SEM bench to bed side, 11th Round Table Conference of Ranbaxy Research Foundation. Aleem A Khan, Parveen, Maqsood, Aejaaz Habeeb and CM Habibullah **Eleventh Annual Symposium** New Delhi March 2005: 59-67,

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## AWARDS

- Association of Microbiologists of India **DR Rana Memorial Award** for best poster presentation during 46<sup>th</sup> AMI annual conference Held at Osmania University Hyderabad in December 2005.
  - CSIR-UGC-National eligibility Test (NET) qualified for two times. 2001 & 2002.( Minimum eligibility test for being faculty in any any Indian university, conducted by universities grant commission (UGC) India.
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## SKILLS

- **Medical Microbiology and Microbial Biotechnology:** Collection of various clinical samples(biopsies, swabs, body fluids, blood, urin,feaces etc )for isolation identification of microorganisms and reporting the clinical status. Isolation, purification & preservation of microbes, characterization, strain improvement and scale up for enzymes and other value added products as Xylitol, ethanol and Rifamycin production. SMF & solid state fermentation. Worked on evaluation of water and finished products quality.
- **Biochemical /Cell biology/Cell lines research:** Isolation and preservation of hepatocytes, Cell culture, Immunochemistry, Enzyme linked Immunosorbent Assay, development animal model for fulminant hepatic failure and liver cirossis, transplantation of hepatocytes in animal models.

- **Molecular biology:** Trained in regular genetic engineering (Isolation of DNA, RNA, plasmids, from bacteria and animal tissue, Electrophoresis, Polymerase chain reaction, Restriction digestion, ligation etc). Molecular Markers analysis (RFLP,RAPD)
  - **Analytical Techniques:** HPLC, GC , PCR, FTIR, TGA, DSC, SEM, Western blot, Animal model ,Cell culture assays.
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## WORK SHOPS

- Participated in DBT sponsored work shop on Management of **IPR in Biotechnology** April 2007.
  - Participated in DBT sponsored Training Course on **Diversity and potential applications of yeast** .Work shop held at Department of Microbiology University of Delhi south campus during August 01-19, 2006.
  - Participated in National work shop on **Down stream processing** held at center for biotechnology, IST, JNTU during .07-08 February 2006.
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## REFERENCES:

**Prof. L.V.Rao**, Professor, Dept of Microbioloy, Osmania University, vrlinga@yahoo.com ;+91-9391011277

**Prof. Gopal Reddy** , Professor,Dept of Microbioloy, Osmania University, gopalred@hotmail.com; +91-9948693767.

**Dr . Chand Pasha** Asst Professor Dept of Microbiology, Osmania University, cpasha21@gmail.com

**Dr . Mahaboob Ali Sheik** , Moana(Asia) Pvt Ltd, drmahaboob@gmail.com, 9949012867.

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## PERMANENT ADDRESS

**Mohammed Maqsood Ahmed**

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Date:

(**Mohammed Maqsood Ahmed**)