

RESUME

Ch. Anil Kumar

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Personal Details:

Name	:	Anil Kumar Chintaluri
Marital Status	:	Married
Date of Birth	:	31 st August 1978
Nationality	:	Indian
Languages known	:	English, Hindi & Telugu
Teaching Experience	:	14 years 10 months

Academic Qualifications:

- Submitted Doctoral thesis entitled “**COMPARATIVE STUDY OF ANTIMICROBIAL ACTIVITY OF ESSENTIAL OILS OF SELECTED PLANTS AND TLC -BIOAUTOGRAPHIC STUDIES FOR DETECTION OF BIOACTIVE COMPOUNDS**” to Dept. of Microbiology, GITAM Deemed University, Visakhapatnam under the Guidance of Prof. K. Aruna Lakshmi
- Qualified Lectureship, Andhra Pradesh State Eligibility Test (AP SET – 2012)
- Awarded **M.Phil** by the department of Botany, Andhra University, Visakhapatnam in the year 2011
- Passed **Master of Science in Microbiology** with First Division (63.18%) in the year 2001 from Nagarjuna University, Guntur

- Passed Graduation with Botany, Zoology and Chemistry optionals in First division (73.72%) in the year 1999 from MR (Autonomous) College, affiliated to Andhra University
- Passed Intermediate in First Division (69.60%) with Biology, Physics and Chemistry optionals in the year 1995
- Passed SSC in First Division (74%) in the year 1993

Research Experience:

Submitted Doctoral thesis entitled “**COMPARATIVE STUDY OF ANTIMICROBIAL ACTIVITY OF ESSENTIAL OILS OF SELECTED PLANTS AND TLC -BIOAUTOGRAPHIC STUDIES FOR DETECTION OF BIOACTIVE COMPOUNDS**” to Dept. of Microbiology, GITAM Deemed University, Visakhapatnam under the Guidance of Prof. K. Aruna Lakshmi

Awarded M.Phil., by the department of Botany, Andhra University, Visakhapatnam in the year 2011 and the title of dissertation “Studies on antibacterial activity of *Ocimum* on selected food borne pathogenic bacteria”

Completed a project work at DANO Vaccines and Biologicals India Ltd., Hyderabad for the partial fulfillment of award of Master degree in Microbiology entitled “Production of Tetanus Toxoid from *Clostridium tetani*” during 2001

Teaching Experience:

Worked as Asst. Professor from 3rd September 2001 to July 2004, Asst. Professor/HOD from August 2004 to 30th June 2009 and Sr. Asst. Professor/ HOD in the Department of Microbiology, MRPG College, Vizianagaram, AP till date, and ratified as Asst. Professor by Andhra University, Visakhapatnam in the year 2007.

Areas of expertise:

- ❖ Microbial Biotechnology
- ❖ Pharmaceutical Microbiology
- ❖ Microbial Genetics

- ❖ Basic Microbiological Techniques
- ❖ Microbial Physiology
- ❖ Agricultural Microbiology
- ❖ Medical Microbiology

Key Laboratory Skills:

- ◇ Isolation, Identification and Maintenance of Bacteria
- ◇ Isolation, Microscopic Examination and Maintenance of Fungi
- ◇ Immunological Tests
- ◇ PCR Based Techniques
- ◇ Electrophoresis Techniques
- ◇ Basic Molecular Biology Techniques
- ◇ Clinical Diagnostic Techniques
- ◇ Antimicrobial Studies of various Plant extract and Essential oils
- ◇ TLC-bioautography
- ◇ Small Scale Production of various Microbiological Products
- ◇ Basic Computational Skills & Internet Browsing Skills

Paper Presentations:

- Presented a paper in state level seminar on Disaster Management in India organized by AP Economic Association & PG Courses MR College, Vizianagaram entitled “Disease Management at the time of Disasters” on 10th September, 2006.
- Presented a paper in a National Seminar on Environmental Issues And Challenges – 21st Century, organized by Department of Environmental Science, Osmania University, Hyderabad entitled “Water Pollution and It’s Consequences” on 28th – 29th March, 2008.
- Presented a paper in a National Seminar on Changing Horizons of Applied Biology, organized by Departments of Microbiology, Biochemistry and Biotechnology, MRPG College, Vizianagaram

entitled “Antibacterial Activity of Essential Oils Extracted from Selected *Ocimum* Plant species of Lamiaceae Family” on 11th & 12 of December, 2010

- Presented a paper in State level seminar on Biochemistry Challenges and Prospects, organized by Department of Biochemistry, MRPG College, Vizianagaram entitled “Household Water Management” on 29th January, 2012
- Presented a poster in National seminar on “Innovations in Pharmaceutical Sciences to meet Global Challenges, Organized by MRC of Pharmacy, Vizianagaram on 20th December entitled “Detection of Antimicrobial compounds from essential oils of selected plants of Rutaceae using TLC-bioautography”
- Presented a paper in **3rd International Conference** and Exhibition on Pharmacognosy, Phytochemistry & Natural Products, held during October 26-28, 2015 at Hyderabad entitled “Antimicrobial activity of essential oils from selected culinary herbs of Zingiberaceae and detection of antimicrobial compounds using TLC-bioautography”
<http://dx.doi.org/10.4172/2329-6836.C1.007>
- Presented a poster in a one Day National Workshop on “100 years of General Theory of relativity: Einstein’s Landmark Science Discovery” organized by Dept. of Physics, MRPG College, Vizianagaram entitled “Ancient Astronauts and Flying Machines” on 21st December 2015

Papers Published: 04

Communicated: 01

V.Bhargavi, K.Anil, **Ch. Anil Kumar** and K.V.V.Lakshmi, April 2011, *Prevalence and Antimicrobial resistance Patterns of Food Borne Pathogens Isolated from Food handlers*. Journal of Pure and Applied Microbiology, Volume: 5(1), pp 191-194, **ISSN: 0973-7510**

Nagamalleswara Rao K., Venkata Kumar Ch, Madhuri K., **Anil Kumar Ch** and Satyanarayana P. V. V.A, 2013, 4(6), *simultaneous method for quantitative determination of lamivudine and zidovudine in human plasma by using tandem mass spectrometry and its application to pharmacokinetic studies*, Der Pharmacia Sinica, **ISSN: 0976-8688**

Venkata Kumar Ch, Nagamalleswara Rao K, Madhuri K , **Anil Kumar Ch** and Kesava Rao T KV, *A quantitative determination of penbutolol and its metabolite in plasma by liquid chromatography tandem mass and its application to pharmacokinetic studies*, February 2014, World Journal of Pharmaceutical Sciences, Volume: 2(2), pp 149-160, **ISSN (Print): 2321-3310; ISSN (Online): 2321-3086**

Anil Kumar Chintaluri, Aruna Lakshmi Komarraju, Venkata Kumar Chintaluri & Bhargavi Vemulapalli *Comparative study of antimicrobial activity of essential oils of selected plants of Rutaceae and TLC - bioautographic studies for detection of bioactive compounds*, November 2014, Journal of Essential Oil Research, <http://dx.doi.org/10.1080/10412905.2014.974837>

Seminars & Workshops Attended:

- Participated in 6th National Conference of Indian Academy of Allergy held at Andhra University and Andhra Medical College, Visakhapatnam on 21st 22nd & 23rd January, 2005
- Participated in the workshop on “Emerging Experimental Techniques in Molecular Biology on 24th & 25th August 2006, organized by Department of Biotechnology (Engg.), GITAM college, Visakhapatnam in association with Bangalore Genei, Bangalore
- Attended a one day seminar on Essence of Bioinformatics in today’s world and the importance of it’s products in exploring different fields

of studies, sponsored by CLC Bio., Hyderabad and organized by Department of Botany, Andhra University on 24th January 2007.

- Attended a one day National Seminar on “Recent Developments in Biochemistry” organized by Dept. of Biochemistry, MRPG College, Vizianagaram on 23rd September, 2007
- Participated in the National Seminar on “Recent Advances in Molecular Microbiology and Microbial Technology” on 22nd to 24th January 2009, organized by Dept. of Microbiology, Kakatiya University, Warangal
- Participated in the two day workshop on “Quality Assurance in Higher Education Institutions” held on 25th and 26th November 2011, organized by MRPG College, Vizianagaram in association with NAAC.
- Participated in two day workshop on “Mass and NMR Techniques” at SAIF, CSIR-CDRI Lucknow held on 28th & 29th January 2013
- Participated in one day training programme on “Mushroom Cultivation” on 4th April 2013 organized by the Department of Horticulture in the Regional Mushroom Laboratory, Visakhapatnam.

Faculty Developments Programmes Attended:

- ✓ Attended 21 days Refresher Course in Biological Sciences from 1st December to 21st December, 2004 organized by UGC-Academic Staff College, Andhra University, Visakhapatnam.
- ✓ Attended in 3 days training programme on “Instructional Design and Delivery Systems” from 19th May to 21st May 2008, organized by

MVGR College of Engineering in association with National Institute of Technical Teachers Training and Research, Chennai.

- ✓ Attended in Orientation Programme from 14th June to 11th July 2008, organized by **UGC Academic Staff College, Kumaun University, Nainital**

Seminars & Workshops Organized:

- ▶ Organized 2 days Workshop entitled “Polymerase Chain Reaction and DNA Finger Printing Techniques” on 28th & 29th November, 2007 in association with Bangalore Genei, Bangalore
- ▶ Organized a one day National seminar entitled “Applied Microbiological Concepts and Recent Trends” on 24th February, 2008 as a Seminar Director
- ▶ Organized a one day State Level Seminar on “New Frontiers of Biosciences” on 11th December, 2011 as Seminar Co-convener
- ▶ Organized workshop on “Human DNA Finger Printing Techniques” on 10th March, 2010 in association with Helini Biomolecules, Chennai.
- ▶ Organized two days National Seminar on “Changing Horizons of Applied Biology” on 11th and 12th December 2010 as a Seminar Co-convener

Student Projects:

More than 20 different student projects conducted on various areas of microbiology and following are some important titles in the area of essential oils.

- ❖ A comparative study of Antibacterial activity of essential oils extracted from four important *Ocimum* plant species of Vizianagaram District, AP
- ❖ Antimicrobial Activity of essential oils extracted from plants collected from gardens of MRPG College on selected bacterial pathogens
- ❖ Antimicrobial activity of essential oils extracted from aerial parts of *Curcuma longa* and *Zingiber officinale*
- ❖ A Comparative study of antimicrobial activity of essential oils extracted from three citrus plants against selected pathogenic bacteria



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