

DR. IMTIYAZ WANI

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RESEARCH AND TEACHING PROFESSIONAL ~ MICROBIOLOGIST

To obtain a responsible and challenging position, to utilize my knowledge, skills and abilities, in an organisation offering professional growth.

PROFESSIONAL SYNOPSIS

Core Competencies

Analytical Skills
Decision Making Abilities
Leadership Qualities
Interpersonal Skills
Monitoring Efficiency
Success Oriented
Communication Skills
Organizational Adaptive
Time Management
Presentation Skills
Coordinating
Flexible
Teaching Proficiency
Learning Skills

- **Competent, diligent and result oriented professional**, offering an overall 10+ years of exposure across the gamut of **Education (10+ years) and Research (4+ years)**; currently spearheading efforts as **Assoc. Professor (Microbiology), Centre for Biomedical Research (CIBR) with Adesh University, Bathinda, Punjab.**
- **Committed and a reliable Education professional**, focused on students' satisfaction by implementing and developing educational tools and technologies in college classrooms.
- **Self-motivated, hardworking and goal-oriented** with a high degree of flexibility, creativity, resourcefulness, commitment and optimism.
- **Comfortable interacting** with multiple levels of organization, management and staff; proficiency in handling the administrative activities entailing faculty appraisal/training and upholding of the organization's motto.
- **Passionate to work on a scientific based approach** and disseminate it to students.
- **Proficiency in bringing in focus on an ethical and clean method of working** coupled with the ability to establish a healthy rapport with students and staff.

Career Summary:

Highest Degree:	Ph.D Microbiology (Year 2008)	Field of Interest:	Medical Microbiology
Specialization:	Bacteriology, Virology, Mycology, Parasitology, Immunology		
Research Experience:	4 Years	Teaching Experience:	10.5 Years
Papers Published:	13	Books Published:	11
		Under Publication:	7

ACADEMIC CREDENTIALS

- 2008** **Doctorate in Microbiology** from Sam Higgonbottom Institute of Science & Technology-Deemed University (Formerly AAI-DU). Worked on "An *in vitro* study of antimicrobial sensitivity & resistance of clinical isolates of *Helicobacter pylori* from gastric biopsies of duodenal ulcer patients & the various factors associated with the incidence of disease" in **Motilal Nehru Medical College, Allahabad(UP).**
- 2004** **Master's degree in Microbiology** from Sam Higgonbottom Institute of Science & Technology-Deemed University (Formerly AAI-DU). Worked on "Growth pattern of *Helicobacter pylori* isolates from duodenal ulcer and duodenal ulcer perforations on different culture media and their antibiotic susceptibility pattern" in **Motilal Nehru Medical College, Allahabad.**
- 2002** **Bachelor's degree** from Govt.Boys College, Anantnag (University of Kashmir) Kashmir
- 1997** **HSC** from J&K Board of School Education

Studied Major Course (Microbiology):

- General Microbiology/Biotechnology
- Food & Dairy Microbiology/Biotechnology
- Industrial Microbiology/ Biotechnology
- Environmental Microbiology/Biotechnology
- Medical Microbiology/Biotechnology
- Agriculture Microbiology/Biotechnology
- Molecular Biology

Specialization: Medical Microbiology

Fields of interest: Bacteriology ~ Mycology ~ Parasitology ~ Virology ~ Immunology

IT Skills: Well versed with Windows environment, MS – Office and Internet applications

PUBLICATIONS

→ PAPERS:

➤ INTERNATIONAL

- ❖ Decreasing incidence of renal cortical necrosis in patients with acute renal failure in developing countries: a single-centre experience of 22 years from Eastern India. *Nephrol Dial Transplant* (2007) 22: 1213–1217
- ❖ An unusual case of *Acanthamoeba* peritonitis in a malnourished patient on continuous ambulatory peritoneal dialysis (CAPD). *J Infect Developing Countries* 2008; 2(2):146-148.
- ❖ True Hermaphroditism: Review Article. *The Internet Journal of Pediatrics and Neonatology*. 9(1):22-24, 2008.
- ❖ Renal Disease in a Prodrome of Multiple Myeloma: An Analysis of 50 Patients from Eastern India. *Renal Failure*, 31:267–271, 2009.
- ❖ Extra luminal colonic gastrointestinal stromal tumor: a case report. *Cases Journal* 2009, 2:7525.
- ❖ Incidence of Multi drug resistant (MDR) and extensively drug resistant (XDR) tuberculosis among different age groups in tertiary care hospitals of Chandigarh, India. *Biological Forum-An International Journal* 5(1):36-41(2013).
- ❖ Molecular characterization of sequences of the loci & identification of mutations associated with multidrug resistance (MDR) in clinical isolates of *M. tuberculosis* from tuberculosis patients of Chandigarh.. *J Applied Sciences* 6(2): 76-83(2013).

➤ NATIONAL

- ❖ Profile of renal tuberculosis in 63 patients. *Indian J Nephrol* 2003; 13:104-107.
- ❖ Evaluation of different plating media for the growth of *Helicobacter pylori* isolated from duodenal ulcer patients. *Microbial diversity 2005: Current perspectives & potential applications*; 301-02.
- ❖ Isolation and characterization of *V.cholerae* and *V.parahaemolyticus* from faecally contaminated water resources of district Shimla by cultural and molecular methods. *Emerging Trends in Pharmaceutical Sciences* 2012; 233-34
- ❖ A Comparative Study to Evaluate the Effects of Chloramphenicol & two Homeopathic Formulations; *Euphrasia* & *Echinacea* on Growth of *Staphylococcus aureus* Isolated from Conjunctivitis patients *in vitro*. *Emerging Trends in Pharmaceutical Sciences* 2012; 235-36
- ❖ Standardization of Rhizomes of *Cyperus rotundus* Linn. *in vitro*. *Emerging Trends in Pharmaceutical Sciences* 2012; 237-38.
- ❖ Jaundice: causes, risk factors, prevention and treatment-A Review. *Emerging Trends in Pharmaceutical Sciences* 2012; 245-46.
- ❖ Myocardial infarction: symptoms, causes, risk factors and treatment- A Review. *Emerging Trends in Pharmaceutical Sciences* 2012; 247-48.

→ BOOKS:

➤ Published:

- | | | |
|---|----------|-------------------|
| ❖ Medical Microbiology (updated) | ISBN No. | 978-81-909385-6-3 |
| ❖ Experiments in Microbiology (Vol.I) | ISBN No. | 978-81-909385-0-1 |
| ❖ Biological Science (Microbiology) | ISBN No. | 978-93-81390-31-3 |
| ❖ New Concepts in Microbiology | ISBN No. | 978-93-81390-80-1 |
| ❖ Experiments in Microbiology (II Edn.) | ISBN No. | 978-81-909385-0-1 |
| ❖ Medical Microbiology for Physiotherapy | ISBN No. | 978-98-909399-1-2 |
| ❖ Text Book of Microbiology for BMLT (I) | ISBN No. | 978-93-83290-84-0 |
| ❖ Text Book of Microbiology for BMLT (II) | ISBN No. | 978-93-83290-88-8 |
| ❖ Text Book of Microbiology for BMLT (III) | ISBN No. | 978-98-83290-88-9 |
| ❖ New Concepts in Pathology | ISBN No. | 978-93-83290-50-5 |
| ❖ A text book of Medical Microbiology updates | ISBN No. | 978-81-909385-6-3 |
| ❖ Microbiology for GNM students | ISBN No. | 978-81-909845-7-2 |

➤ Under Publication:

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| ❖ Medical Microbiology (illustrated) | I.K International Publications, New Delhi |
| ❖ Medical Microbiology for Nursing & Allied Sciences | I.K International Publications, New Delhi |

PROFESSIONAL ENHANCEMENTS

- **Two months summer training on disease "Leprosy & Tuberculosis"**
Topic : "LEPROSY"
Training-in-charge : Dr. Loreta Das
Lab. Name : Lab. Mission Hospital, Allahabad.
Place : Allahabad (UP)-INDIA
Duration : 01/06/2003 to 01/08/2003
- **Two months short training course on "Renal tuberculosis".**
Topic : "RENAL TUBERCULOSIS"
Training-in-charge : Dr. M.S.NAJAR
Lab. Name : S.K.I.M.S-Srinagar
Place : Srinagar (J& K)-INDIA
Duration : 01/10/2003 to 15/12/2003
- **One month short training course on "UTI"**
Topic : "RENAL CORTICAL NECROSIS"
Training-in-charge : Dr. Jai Prakash
Lab. Name : Department of Nephrology, Pathology & Microbiology
Place : Banaras Hindu University (U.P)-INDIA
Duration : 01/6/2006 to 01/7/2006
- **One month short training course on "Parasitology"**
Topic : "INTESTINAL PARASITES"
Training-in-charge : Dr. R.Tilak
Lab. Name : Department of Nephrology, Pathology & Microbiology
Place : Banaras Hindu University (U.P)-INDIA
Duration : 01/9/2007 to 01/10/2007.
- **One month short training course on "UTI".**
Topic : "URINARY TRACT INFECTIONS"
Training-in-charge : Dr. M.S.NAJAR
Lab. Name : S.K.I.M.S-Srinagar
Place : Srinagar
Duration : 01/04/2008 to 01/05/2008
- **Six months special training course on Dengue Fever**
Topic : "DENGUE (Identification & Serodiagnosis)"
Training-in-charge : Dr. Amita Jain
Lab. Name : Lab. Department of Microbiology and Virology
Place : Lucknow
Duration : 01/07/2008 to 25/01/2009
- **2.4 years Research Experience in "Duodenal ulcers"**
Topic : "Growth Pattern of *Helicobacter pylori* Isolates from Duodenal Ulcer and Duodenal Ulcer Perforations on Different Culture Media and their Antibiotic Susceptibility Pattern"
Research-in-charge : Dr. Manisha Dwivedi, Dr. Probal Neogi, Dr. S.P. Misra, Dr. A. Bhargawa
Lab. Name : Lab. Of Microbiology
Place : M.L.N. Medical College, Allahabad
Duration : 01/01/2004 to 30/04/2006

KEY ACCOLADES ACROSS CAREER PATH

Institute / Organization	Duration From / To (Total)	Post Held
<i>Centre for Interdisciplinary Biomedical Researches,</i> Adesh University, Bathinda, Punjab, INDIA	Nov'13 – till date	Assoc Professor
<i>College of Paramedical Sciences,</i> Adesh University, Bathinda, Punjab, INDIA	Jan'15 – till date	Actg. Principal
<i>Department of Microbiology & Paramedical Sciences</i> Manav Bharti University, Solan (HP)	01-07-2010 till 06-11-2013 (3 Yrs. + 4 months)	Assistant Professor/Head in Microbiology & Paramedical Sc.
<i>College of Nursing</i> SUS Group of Institutes, Ratia, Haryana	01-10- 2009 till 30-06-2010 (9 months)	Assistant Professor in Microbiology
<i>College of Nursing</i> Adesh Group of Institutes, Muktsar, Punjab	01-02- 2008 till 30-09- 2009 (1 Yrs.+ 8 months)	Lecturer in Microbiology

NOTEWORTHY ACCOMPLISHMENTS

Honors & Awards: Achieved:

- Merit certificate by "Department of Youth Services & Sports" Govt. of Jammu & Kashmir in April 1994.
- Merit certificate awarded in recognition of the high position secured in the meritorious candidate qualifying for awards from J & K under "National Scholarship Scheme", Dept. of Education, Govt. of Jammu & Kashmir in 1995.
- Merit certificate by "National Awareness Campaign-1996" by Govt. of Jammu & Kashmir in 1996.
- Merit certificate by "Dept. of Youth Services & Sports" Govt. of Jammu & Kashmir in Oct 1996.
- Merit certificate by Dept. of Science & Technology (J&K State council for Science & Technology on 28th Aug'97.

International Offers / Proposals:

- Appointed as Microbiologist by Parkside Hospital, Greater London in 2007.
- Appointed as Research Scientist in Faculty of Health Sciences, King Saud University, Saudi Arabia in 2010.
- Appointed Research Scientist in St. Elizabeth Community Hospital, St. Elizabeth Community Hospital 2550 Sister Mary Columba Drive Red Bluff, USA vide appt. dated 25 sep 2014.

Guideship:

- Guided 6 MSc. Microbiology students (Year 2010-13)
- Guided one student in Ph.D. Microbiology (Year 2012)

Research Interests:

- Currently guiding Two MSc. Medical Microbiology students
- Co-guiding Two research scholars in Microbiology.

WORKSHOPS / SEMINARS / CONFERENCES ATTENDED

- Participated in workshop entitled "**Thesis Plan Writing**" organized by Adesh Institute of Medical Sciences and Research (AIMSR), Bathinda under the aegis of **Punjab Medical Council** on 27th Nov. 2014. Credit hrs-2
- Participated in National Conference entitled "**Infectious Disease Updates 2013**" organized by Christian Medical College & Hospital, Ludhiana under the aegis of **Punjab Medical Council** on 7th Dec. 2013. Credit hrs.-4
- Participated in workshop on "**Science writing/Journalism**" organized by **Department of Science & Technology, Ministry of Science & Technology, Govt. of India** on 28th April 2011.
- Participated in workshop on "**Desktop Management Skills**" organized by APTECH Computer Education, Chandigarh on 7th Nov 2007.
- Paper presented in international conference "**Microbial Diversity 2005**" on "An evaluation of different plating media for the growth of *H.pylori* isolates from duodenal ulcer patients".
- Participated in workshop and secured second position in seminar organized by **Department of Science & Technology (Jammu & Kashmir State council for Science & Technology)** on 28th August 1997.

