

# Hoor Shumail

E-mail: hoorshumail12@gmail.com §

## WORK EXPERIENCE

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Women University Mardan

Oct, 2016 — Present

*Lecturer*

## EDUCATION

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M.Phil Microbiology (Gold Medalist)

Sept, 2013 — Nov, 2015

*Institute Of Basic Medical Sciences, Khyber Medical University, Peshawar*

Bachelor of Science (Microbiology)

Oct, 2009 — July, 2013

*Center Of Biotechnology & Microbiology, University Of Peshawar*

Intermediate

Sept, 2007 — July, 2009

*Jinnah Collage for Women, University of Peshawar*

Secondary Education

— June, 2007

*University Model School, University of Peshawar*

## RESEARCH PROJECT

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Detection of antibiotic resistance genes such as NDM-1, MCR-1, VIM and IMP in clinical isolates of *E.coli*, *K.pneumoniae* and *P.aeruginosa*.

## M.PHIL THESIS

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Synthesis and Characterization of Silver Nanoparticles and assessing their activity against Resistant Bacteria

## RESEARCH INTERESTS

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- Antibiotics Resistance
- Cell surface protein analysis using bioinformatics tools.

## DISTINCTIONS

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Gold Medal in M.Phil Microbiology

## LABORATORY SKILLS

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- Basic microbiological procedures
- Biochemical identification of microorganisms
- Microbial and cell counting (*Leishmania* culturing)
- DNA Extraction
- PCR
- Plant based nanoparticles synthesis

## CONFERENCES/TRAINING WORKSHOPS/SEMINARS

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- “8<sup>th</sup> International Annual Health Conference” on 25-26<sup>th</sup> April, 2017 at Khyber Medical University, Peshawar.
- Work Shop on “Tissue/Cell cultures of Cancer Samples and its Clinical Applications” on 24<sup>th</sup> April, 2017 at Khyber Medical University, Peshawar.
- Work Shop on “Research Paper Writing & Endnote” on 2<sup>nd</sup> March, 2017 At Abdul Wali Khan University, Mardan.
- “Cancer Awareness” Seminar on 16<sup>th</sup> Feb, 2017 at Abdul Wali Khan University, Mardan.
- Five days training course on *Bio risk Management* from 15<sup>th</sup> Feb, 2016 to 19<sup>th</sup> Feb, 2016 At Khyber Medical University, Organized by Relief International.
- Workshop on *Biostatistics & Hands on training on SPSS* on 30<sup>th</sup> January, 2016 at Khyber Medical University, Peshawar.
- Workshop on *Clinical Microbiology and Quality Assurance in Antimicrobial Testing* on 20<sup>th</sup> of May 2015 in Rehman Medical Institute.
- Workshop on *Recent Advances and New Horizons in Chemistry* on 6<sup>TH</sup>-7<sup>TH</sup> April 2015, Organized by HEC at National Centre of Excellence in Physical Chemistry, University of Peshawar.
- Work shop on *PCR and its applications* on 25<sup>th</sup> of September 2014, Organized by Dr.Tahir at Khyber Medical University, Peshawar.

## COMPUTER SKILLS

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·Operating Systems: Windows, Microsoft office (Power point, Excel, Word), Adobe Photoshop.

## REFERENCES

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·**Dr. Tayyab-ur-Rehman**, Assistant Professor Microbiology, Institute of Basic Medical Sciences, Khyber Medical University.

**Email:** tayyab.ibms@kmu.edu.pk , **Contact #** 0333-9384033

·**Dr. Jawad Ahmad**, Professor Microbiology, Director Institute of Basic Medical Sciences, Khyber Medical University. **Contact #** 091-9217838