

CURRICULUM VITAE

AIM: To be associated with an organization, that values team work, provides career development opportunities to expand my horizons, discover new levels of academic, clinical & research excellence contributing to the field of Clinical Microbiology through the best of my knowledge and skills.

Name: **Dr. M. SHABNUM**

Date of Birth: 05/07/1987

Nationality: Indian

Marital Status: Unmarried

Father's Name: Dr. Mohammed Musaddiq M.D (Anesthesiology)
Currently working: Al Nabhaniya General Hospital
(Ministry of Health), Al Qassim Region, Kingdom of
Saudi Arabia

Permanent Address: 24 – 4 – 226
Sindhura Nursing Home Lane
Shanti Nagar
Nellore
Andhra Pradesh – 524003

Phone number: **+919703994128**

Email ID: **shabnummusaddiq@gmail.com**

Qualification: **M.D. (Microbiology)**
**Diploma (Infection Control & Prevention
Management)**
M.B.B.S - June 2009

Currently working as: Associate Professor
Katari Medical College, Guntur

Languages known: English, Hindi, Urdu, Arabic, Telugu, Tamil,
Kannada

EDUCATIONAL QUALIFICATIONS:

POST	MEDICAL COLLEGE / INSTITUTION / HOSPITAL	PERIOD
Associate Professor	Katari Medical College, Guntur	August 2021 – Till date

Assistant Professor	Katuri Medical College, Guntur Narayana Medical College, Nellore	July 2021 – Aug 2021 Aug 2017 – July 2021
Senior Residency	ACSR Government Medical College, Nellore, A. P	Aug 2016 – Aug 2017
Post-Graduation M.D (Microbiology)	Department of Microbiology Narayana Medical College, Nellore, A. P	Aug 2013 – July 2016
M.B.B.S	AI – Ameen Medical College, Bijapur, Karnataka	Aug 2004 – June 2009
Compulsory Rotating Internship	<ul style="list-style-type: none"> AI – Ameen Medical College, Bijapur, Karnataka Osmania Medical College, Hyderabad, Telangana 	Aug 2009 – Oct 2009 Oct 2009 – Oct 2010
Schooling	<ul style="list-style-type: none"> XII – Sri Sankara Vidhyashramam Matriculation Higher Secondary School, Chennai, T.N (HSCC - 96.16%) X – St. Johns English School & Junior College, Chennai, T.N (CBSE - 85.6%) 	2002 - 2004 2000 – 2002

Career Goals:

1. To be at forefront in researching innovative techniques in the field of Clinical Microbiology
2. To work aimed at helping prevent Nosocomial Infections by adapting Hospital Infection Control Practices
3. To provide Quality Laboratory Reporting and analyzing data
4. To adapt newer teaching methods for Under Graduate and Post Graduate level
5. To acquire professional development and experience in research and publications while contributing to field of Clinical Microbiology

WORK EXPERIENCE:

S.NO	POST	PLACE	DURATION
1.	Associate Professor	Katuri Medical College, Guntur	1yr 9 months (August 2021 till date)
2.	Assistant Professor	Katuri Medical College, Guntur Narayana Medical College, Nellore	1 month 10 days (July 2021 – Aug 2021) 3 year 11 months (Aug 2017 – July 2021)
3.	Senior Resident	ACSR Government Medical	1 year (August 2016 – August

		College, Nellore	2017)
4.	Tutor	Narayana Medical College, Nellore	3 years (August 2013 – July 2016)

REGISTERED UNDER:

- APMC (Andhra Pradesh Medical Council)

SKILL ACQUIRED FOR MANAGING MICROBIOLOGY LABORATORY:

1. Bacteriology:

- Reporting of all Microbiology Culture and Sensitivity – Urine, Pus, CSF, Sputum, Throat swab, Blood & Body Fluids, Tissue, Corneal Scrapings
- Testing and reporting of Multi Drug Resistant Organisms
- Maintaining stock cultures (Routine and ATCC strains)
- **Nodal officer for NAP – AMR**
- **Member Secretary for AMSP (Antimicrobial Stewardship)**

2. Serology & Immunology: ELISA, Reporting of Blood borne Viral serology (HIV, HBsAg, Anti HCV), WIDAL, RF, ASO, CRP, Dengue, Leptospira, Chikungunya, ANA, dsDNA, Rapid Antigen Testing for COVID 19

3. Molecular Biology: Nucleic acid extraction, RT PCR (Testing & Reporting), Documentation (as per NABL guidelines)

4. Quality Manager (BSL 2 Laboratory & Serology): Administration of Quality plan, Documentation for NABL accreditation, Manage & implement Quality Assurance, Quality improvement initiatives, Quality Management

5. COVID 19: Sample Collection & Transport (District COVID Hospital), Liaising with Nodal Officer & State COVID Hospital, Testing & Reporting (RTPCR, Rapid Antigen Testing for COVID 19)

6. Staining: Gram Stain, AFB stain, Albert's stain, Cold stain, Negative Staining, Leishman stain

7. Mycology: LPCB preparation, Fungal cultures, KOH preparation, Slide cultures, Maintaining stock cultures

8. Parasitology: Stool Examination for parasitic ova & cysts

9. OT swab and Air culture & reporting

10. Reporting of Biological Indicators from CSSD

11. Reporting of Water Analysis

12. Managing automated culture systems: BacT/Alert, VITEK, CLIA

13. **Collaborating and Liaising with Clinical Colleagues** for better patient outcome

14. **Processing and Reporting of EQAS: Virology, Serology, Molecular panel, Bacteriology**

15. **Entry and Analysis of data on WHONET**

ACADEMIC ACTIVITIES:

PUBLICATIONS:

1. **Shabnum Musaddiq**, Mohammed Musaddiq, Soorya Sridhar. *Emerging trend in Pyogenic Wounds in Andhra Pradesh Population. **Journal of Evidence based Medicine and Healthcare***; Volume 2, Issue 14, April 6, 2015; Page: 2031 - 2034

2. Meenakshi Kante, **M.Shabnum**, M. Prasad Naidu. *Bacterial Profile of Neonatal Septicemia in tertiary care hospital; **Biomedicine*** – Vol.35 No.2:2015; 188-192P.

3. Vasundhara Devi, P.Sreenivasulu Reddy, Maria Sindhura John, **Musaddiq Shabnum**. *Isolation and characterization of Candida dubliniensis from various clinical samples in a tertiary care hospital, AP; **International Journal of Innovative Research in Pharmaceutical and Medical Science***; Issue 1, Vol.2: March-April 2015

4. **M. Shabnum**, P. Sreenivasulu Reddy, P. Vasundhara Devi. *Screening of Dengue Fever in Clinically Suspected Cases in a Tertiary Care Hospital, Nellore, Andhra Pradesh, South India; **Saudi J Pathol. Microbiol***; Vol – 2, Iss – 1 (Jan 2017): 10 – 12

5. Devi PV, Reddy PS, **Shabnum M**, *Microbial Profile and Antibiotic Susceptibility Pattern of Orthopedic infections in a tertiary care hospital: A Study from South India. **Int J Med Sci Public Health*** 2017; 6 (5): 838 – 841

6. **M. Shabnum**, P. Sreenivasulu Reddy, P. Vasundhara, Common Isolates among Suspected Cases of Septicemia with Special emphasis on Multidrug Resistant strains. ***Int. J. Curr. Microbiol. App. Sci*** (2018) 7 (3): 711 – 721

7. **Shabnum M**, Vasundhara P, Sreenivasulu Reddy P, *Cedacea davisae* from ET culture - A rare isolate. ***Sch. J. Med. Case Rep.***, Mar 2018; 6(3): 165 – 167

8. Kondle Raghu, **M. Shabnum**, Emerging Resistance in cases of Septicemia with special reference to Vancomycin. ***Indian Journal of Emergency Medicine***, April – June 2018; 4(2): 125 – 130

9. **M. Shabnum**, P. Sreenivasulu Reddy, P. Vasundhara. *Chryseobacterium gleum* isolated from a case of Blood Stream Infection and Pneumonia: A rare isolate. ***Sch. J. Med. Case. Rep***, January 2019; 7(1): 62 – 65

10. Y. Vishnu Rohit, Raghu K, **M. Shabnum**. Study of Ischemia - Modified Albumin as a Biomarker in Critically ill Patients with Sepsis. ***Saudi Crit Care J*** 2019; 3: 104-8
11. **Shabnum, M** and Sreenivasulu Reddy, P. 2021. Metallo – β - Lactamase Producers among Carbapenem Resistant Gram Negative Isolates from Clinical Specimens in a Tertiary Care Hospital. ***Int.J.Curr.Microbiol.App.Sci.*** 10(09): 105 – 113
12. Sri Harsha Rayam, **Shabnum Musaddiq**, Purna Prasad Meegada. A Cross – Sectional Study of Attitude among Medical Students about online learning during COVID – 19 Pandemic in Southern India. ***Asian J Pharm Clin Res*** 2022; 15(8): 190 - 192

ONGOING RESEARCH PROJECTS:

Ongoing:

1. Study of Biofilm formation and its association with antibiotic resistance pattern among gram negative isolates from clinical samples of ICU patients in a tertiary care hospital

TRAINING PROGRAMS:

1. Clinical Microbiology Course on **Infection Prevention in Health Care – An Update**, Global Hospitals, Hyderabad, August 2nd and 3rd 2014
2. National Certificate Course **Hospital Infection Prevention and Control**, September 2014, CARE Hospitals, Nampally, Hyderabad
3. Clinical Microbiology Course on **Handling Clinical Specimens in Microbiology – An Update**, Global Hospitals, Hyderabad, 1st and 2nd April, 2017
4. **14th Infectious Disease Certificate Course (IDCC)**, P.D. Hinduja Hospital & Medical Research Centre, Mumbai, 11th – 16th September 2017
5. **Revised Basic Course** Workshop in Medical Education Technologies – **ATCOM module**; Narayana Medical College, Nellore, 29th – 31st January 2018
6. **Critical Care Infectious Diseases e – course (CCIDC) by Indian Society of Critical Care Medicine**, March 2018
7. **Module on Biostatistics**, By MERCK at Narayana Medical College, 20th January 2019
8. **Curriculum Implementation Support Program** Workshop in Medical Education, Narayana Medical College, 13th – 15th May 2019

9. **Quality Management Systems and internal Audit in Medical Laboratories as per ISO 15189: 2012 (NABL)**, by NBQP, Medical Education & Learning Point at S.V. Medical College, Tirupati, 7th – 10th January 2020
10. **COVID – 19: Diagnostics and Testing** by *London School of Hygiene & Tropical Medicine, African Society of Laboratory Medicine*, May 2020
11. **Hands on Training on RTPCR**, Department of Microbiology, ACSR Government Medical College, Nellore, 10th – 14th August 2020
12. **Standard Precautions: Hand Hygiene by WHO**, May 2020
13. **Standard Precautions: Waste Management by WHO**, May 2020
14. **Standard Precautions: Environmental Cleaning & Disinfection by WHO**, May 2020
15. **Certificate Course in Management of COVID – 19 by Health and Family Welfare Department, Government of Gujarat**, May 2020
16. **Standard precautions: Environmental cleaning & disinfection by WHO**, May 2020
17. **Basic Microbiology by WHO**, October 2020
18. **Infection Prevention and Control for COVID – 19 Virus by WHO**, October 2020
19. **COVID – 19: How to put on and remove PPE by WHO**, October 2020
20. **Standard Precautions: Injection safety and Needle stick injury management by WHO**, October 2020
21. **Certificate Course on 'Hospital Infection Prevention and Control: A New Normal Post COVID 19**, Infection Control Academy of India, Hitex Hyderabad, 19th November 2020
22. **Basic Course in Biomedical Research, ICMR**, Govt of India, March – June 2021
23. **Basic Certificate Course in Antimicrobial Stewardship**, By CAHO, 24th November 2021
24. **Hands – on Training on WHONET**, Advanced National Hands – on Workshop on Antimicrobial Stewardship, AIIMS, Mangalagiri, 22nd – 25th February, 2023
25. **Diploma in Infection Control & Prevention Management**, by National HealthCare Academy, Singapore, March 2023

PRESENTATIONS:

1. Pedagogy on **Recent Advances in Laboratory Diagnosis of Tuberculosis**, State Conference AP Chapter, Mamatha Medical College, Khammam, 8-2-2015
2. Paper presentation on **Screening of Dengue Fever in Clinically Suspected Cases in a Tertiary Care Hospital, Nellore, Andhra Pradesh, South India**, 23rd Joint Conference

IPHA & IAPSM State Chapters of A.P and Telangana, Narayana Medical College, Nellore, 19th – 21st December 2015

3. **C. S. Bhaskaran Prize Paper** Presentation on **Common Isolates among Suspected Cases of Septicemia with Special emphasis on Multidrug Resistant strains**, IAMM XXI TAPC Annual Conference, Narayana Medical College, Nellore, 19th – 21st January 2018
4. Poster Presentation on **Cedacea davisae from ET culture – A rare isolate**, IAMM XXI TAPC Annual Conference, Narayana Medical College, Nellore, 19th – 21st January 2018
5. Poster Presentation on **Chryseobacterium gleum isolated from a case of Blood Stream Infection and Pneumonia: A rare isolate**, IAMM XXII TAPC Annual State conference, Osmania Medical College, Hyderabad, 19th – 20th January 2019
6. Common Academic Program on **Carbapenemase Producing Enterobacteriaceae – A threat to Health Care Set up**, Narayana Medical College, Nellore, July 1st 2021
7. Oral Presentation on **Update on Omicron – A recently emerging Covid Strain**, Katuri Medical College, Guntur, 4th December 2021
8. Delivered lecture on **Publications & Ethics**, Research Methodology & Biostatistics Workshop, Katuri Medical College & Hospital, Guntur, 27th February – 4th March 2023

ACHIEVEMENTS:

1. **Gold Medal (1st Prize) for Pedagogy Presentation on Recent Advances in Laboratory Diagnosis of Tuberculosis**, State Conference AP Chapter, Mamatha Medical College, Khammam, 8 – 2 – 2015

HONORS RECEIVED:

1. **Savitribai Phule National Women Achiever Award – 2018** for Excellence in Medical Service by Mahathma Jyothirao Phule Foundation
2. **Intellectual of the Year 2020 Award** for Meritorious Achievements by Rifacimento International
3. **Research Excellence Award 2021** by Institute of Scholars (InSc) for work with Paper title ‘Common Isolates Among Suspected Cases of Septicemia with a special emphasis on Multidrug Resistant Strains’.
4. **Best Top Intern (Best of IMUN)** in recognition of outstanding accomplishment and contributions for the **International Model United Nations Campus Ambassador Internship Program, 2021 by International Model United Nations (IMUN)**

5. **Young Scientist Award 2021** by VD GOOD Professional Association in International Scientist Awards on Engineering, Science and Medicine, May 2021
6. **Woman Leadership Award – Excellence in Medical Field 2021**, by Future Woman Leader Digital Summit & Awards 2021, September 2021
7. **Woman of Excellence Award 2022**, by Audisankara Group of Institutions, March 2022

CME:

1. CME on Case studies in Infectious Diseases, Nizam's Institute of Medical Sciences, Hyderabad, 20-11-2013 & 21-11-2013
2. Zonal CME on Air sampling & OT surveillance, Blood Stream Infections, Grams Stain Reporting, Narayana Medical College, Nellore, 29-03-2014
3. CME on Infection Prevention in Health Care – An Update, Global Hospitals, Hyderabad, 2-8-2014 & 3-8-2014
4. CME on Hospital Infection Prevention and Control- A Certified Course, Care Hospitals, Nampally, Hyderabad, 25-9-2014, 26-9-2014, 27-9-2014
5. Zonal CME on Post exposure prophylaxis, Antibiotic policy, LAMP, Line Probe Assay, MALDI-TOF, Slide culture, Narayana Medical College, Nellore, 31-1-2015
6. CME on NABL and Quality Control, Mamatha Medical College, Khammam, 6th February 2015
7. State CME on Superbugs and challenges, Narayana Medical College, Nellore, 22nd August 2015
8. Zonal CME, Department of Emergency Medicine, Narayana Medical College, Nellore, 23rd August 2015
9. Zonal CME on CNS infections & their diagnostic approach, Neonatal sepsis – recent advances in laboratory diagnosis, CSSD – design and structure, Laboratory diagnosis of Viral Infections, Biosafety Cabinets, Narayana Medical College, Nellore, 26th September 2015
10. CME on HPB updates 2016, Narayana Medical College, Nellore, 9th January 2016
11. Zonal CME on Food Poisoning, Stock Cultures, Fungal Cultures, Slide Cultures, Narayana Medical College, 6th February 2016
12. CME on “Role of Diagnostic Modalities in Infectious Diseases”, XX Annual Conference IAMM TAPC chapter, Rangaraya Medical College, Kakinada, 21st & 22nd January 2017

13. IAMM XXI TAPC Annual Conference, Narayana Medical College, Nellore, 19th – 21st January 2018
14. Placing the results in perspective, Essentials of Medical Writing by Indian Association of Medical Journal Editors, 25th September 2020
15. NABL – Medical (Entry Level) Testing Laboratories Recognition Program, CAHO & NABL, 20th October 2020
16. Optimal Utilization of Blood Cultures: Are we there yet?: AMR Masterclass Webinar, BD India, 5th November 2020
17. Interpretation of Antibiograms: Physician's perspective & Management of MDR organisms, AMR Masterclass Webinar, BD India, 20th November 2020
18. Management of Fungal Co – infections in COVID 19. AMR Masterclass Webinar, BD India, 4th June 2021
19. Diagnosing Co – Infections in COVID – 19: Lessons Learnt and Preparatory Strategies from AIIMS Delhi, AMR Masterclass Webinar, BD India, 16th July 2021
20. Superbugs & Infection Control, Zonal CME, Guntur Medical College, Guntur, 14th May 2023

CONFERENCES:

1. XXXVII, National Conference of Indian Association of Medical Microbiologists, Nov 2013, Nizam's Institute of Medical Sciences, Hyderabad, India, 22-11-2013, 23-11-2013, 24-11-2013
2. XVIII Annual Conference of Indian Association of Medical Microbiologists - AP chapter, Mamatha Medical College, Khammam, 6th, 7th, 8th February 2015
3. 23rd Joint Conference IPHA & IAPSM State Chapters of A.P and Telangana, Narayana Medical College, Nellore, 19th, 20th, 21st December 2015
4. National Conference on Basic and Clinical Pharmacology, Narayana Medical College, Nellore, 8th, 9th November 2016
5. XX Annual Conference IAMM TAPC chapter, Rangaraya Medical College, Kakinada, 21st & 22nd January 2017
6. IAMM XXI TAPC Annual State Conference, Narayana Medical College, Nellore, 19th – 21st January 2018
7. 8th Annual Conference of Clinical Infectious Diseases Society, Christian Medical College, Vellore, 16th – 18th August 2018

8. IAMM XXII TAPC Annual State Conference, Osmania Medical College, Hyderabad, 19th – 20th January 2019
9. 10th Annual Conference of Clinical Infectious Diseases Society, 21st – 29th November 2020
10. Strategic Planning in Quality Management, 1st International Diagnostic Conclave, CAHO LABCON, 27th March 2021
11. CHETPARACON – 2021, National Parasitology e – Conference, Chettinad Hospital and Research Institute, 19th March 2021
12. International Virtual Conference of Fungal Infections Study Forum (FISF), Mycocon 2021, 26th – 28th March 2021
13. IAMM XXIV TAPC Annual State Conference 2021, Gandhi Medical College, Hyderabad, 17th & 18th September 2021
14. International Virtual Conference on Microbiology and Infectious Diseases, London, U.K, September 20 – 21, 2021
15. International e conference CHETVIRCON – 2021 on Emerging and Re-Emerging Viral Infections, Chettinad Hospital and Research Institute, 15th & 16th November 2021
16. International Virtual Conference on Combating Antimicrobial Resistance, MAHE, Manipal, India & Wayne State School of Medicine, USA, World Antimicrobial Awareness Week – 2021; 18th – 23rd November 2021
17. 11th Annual Medical Educators Association Conference 2021, Narayana Medical College, Nellore 18th, 19th, 20th November 2021
18. International Confence on Advanced Molecular Diagnostics for Infectious Diseases, SRM Medical College Hopsital & Research Centre, Tamil Nadu, 30th November 2021
19. IAMM XXV TAPC Annual State Conference 2022, GITAM, Visakhapatnam, 9th,10th, 11th September 2022
20. International e – Conference CHET TBCON – 2023, Chettinad Hospital and Research Institute, 30th & 31st March 2023

WORKSHOPS:

1. Workshop on ***Best Practices for Biorisk Management***, Microcon 2013, 22-11-2013, Hyderabad
2. Workshop on ***Research Methodology- Traumatic Brain Injury***, Narayana Medical College, Nellore, 14-6-2014 & 15-6-2014

3. Workshop on ***Recent Advances of Real-time PCR and Flow Cytometry in Diagnostics and Various Research Applications***, Narayana Medical College, Nellore, 26th March 2015
4. Workshop on ***Clinical Pharmacokinetics***, Narayana Medical College, Nellore, 21st November 2015
5. Workshop on ***Communication & Soft Skills***, By Glocal Academy, Narayana Medical College & Hospital, Nellore, February 1st and 2nd 2016
6. Workshop on ***Role of Diagnostic Modalities in Infectious Diseases***, Rangaraya Medical College, Kakinada, 21st January 2017
7. Workshop on ***Handling Clinical Specimens in Microbiology – An Update***, Global Hospitals, Hyderabad, 1st and 2nd April 2017
8. Workshop on ***Antibiotic Susceptibility Testing***, IAMM XXI TAPC Annual Conference, Narayana Medical College, Nellore, 19th – 21st January 2018
9. Workshop on ***Water and Food Bacteriology***, IAMM XXII TAPC Annual State conference, Osmania Medical College, Hyderabad, 18th January 2019
10. Workshop on ***Implementing CBME Curriculum in Microbiology***, IAMM Tamilnadu Chapter, KMCH Institute of Health Science and Research, 6th March, 2021
11. State Level Workshop on Clinical Data Analysis with Microsoft Excel, Narayana Medical College, 10th November 2021
12. Workshop on ***Formative Assessments***, 11th Annual Medical Educators Association Conference 2021, Narayana Medical College, Nellore 18th November 2021
13. Workshop on ***E – port folios***, 11th Annual Medical Educators Association Conference 2021, Narayana Medical College, Nellore 18th November 2021
14. ***Implementation of CBME curriculum in Microbiology***, IAMM XXV TAPC Annual State Conference 2022, GITAM, Visakhapatnam, 9th, 10th, 11th September 2022
15. Advanced National Hands – on ***Workshop on Antimicrobial Stewardship***, AIIMS, Mangalagiri, 22nd – 25th February, 2023
16. ***Research Methodology & Biostatistics Workshop***, Katuri Medical College & Hospital, Guntur, 27th February – 4th March 2023

TOPICS PRESENTED IN INSTITUTIONAL SEMINARS:

1. Culture Media and their Uses in Diagnostic Microbiology
2. Design and Organization of CSSD
3. Laboratory Safety in Handling Clinical Specimens

4. Experimental Animals in Research and Diagnostic Microbiology
5. Quality Control
6. HLA – Structure, Clinical Importance and its Typing Methods
7. MRSA Surveillance in Acute Wards and Its Control
8. Non – Fermenting Gram-Negative Bacteria
9. Vibrios – Up to date
10. Rickettsial Fevers – Indian Scenario and Burden
11. Publications & Ethics

GUEST LECTURES DELIVERED:

1. As **Key Note Speaker on Infections, Immunity, Antibiotic abuse, Kochi Chapter of IIMUN (India's International Movement to Unite Nations) by United Nations**, at Ithaka International School, Nellore, Andhra Pradesh, 8th December 2018
2. **Carbapenemase Producing Enterobacteriaceae – A threat to Health Care Set up**, International Virtual Conference on Microbiology and Infectious Diseases, London, U.K, September 20 – 21, 2021
3. **Publication Ethics**, Research Methodology & Biostatistics Workshop, Katuri Medical College & Hospital, Guntur, 27th February – 4th March 2023
4. **Antimicrobial Stewardship Program**, Zonal CME, Guntur Medical College, Guntur 14th May 2023

Grand Rounds Presentations (Institutional):

1. **Update on Omicron, December 2021, Katuri Medical College & Hospital, Guntur**
2. **Diagnostic Challenges in Microbiology, 14th July 2022, Katuri Medical College & Hospital, Guntur**
3. **Carbapenemase Producing Enterobacteriaceae – A Nightmare Bacteria. November 24th 2022, World Antimicrobial Awareness Week, Katuri Medical College & Hospital, Guntur**

GUIDE / CO - GUIDE:

- **Guide: ICMR project on Common isolates from suspected cases of septicemia with a special focus on Carbapenemase producers in a tertiary care hospital**

- **Guide: Dr. NTRUHS SRS project:**
 - Detection Of Biofilm Formation and Its Association with Carbapenem Resistance Among Gram Negative Isolates from ICU Patients in A Tertiary Care Hospital
 - Phenotypic Detection of ESBL And Amp C Beta - Lactamases Among Gram Negative Isolates from Clinical Samples in A Tertiary Care Hospital
- **Co – guide: ICMR project** on *Study of ischemia modified albumin as a biomarker in critically ill patients with sepsis*

Book Chapters Published:

1. “Screening of Dengue Fever in Clinically Suspected Cases in a Tertiary Care Hospital, Nellore, Andhra Pradesh, South India” in **Highlights on Medicine and Medical Research**
2. “Chryseobacterium gleum isolated from a case of Blood Stream Infection and Pneumonia: A rare Isolate” in **Highlights on Medicine and Medical Research**

Book Editor:

1. ***Futuristic Trends in Medical Sciences***. IIP Proceedings, Volume 2, book 22

TEACHING EXPERIENCE:

- Theory teaching and Practical Demonstration for M.B.B.S students – 9yrs 4 months (2013- till date)
- Theory teaching & Practical Demonstration for M.B.B.S students as per CBME curriculum: 3yr
- Theory Teaching and Practical Demonstration for B.D.S, B.P.T, B.Sc (MLT), B.N.Y.S students – 9yrs 4 months (2013 till date)
- Theory Teaching and Practical Demonstration for MDS – 4 yrs (2017 till date)
- Theory Teaching for B.Sc Nursing students – 4 yrs
- Well versed with online teaching & conducting exams (via Zoom) of both Theory and Practical for MBBS, BDS and BPT students

EXAMINERSHIPS & OBSERVER

- Internal Examiner & External Examiner – Dr. NTRUHS, Vijayawada, Andhra Pradesh
- External Examiner – KNRUHS, Warangal, Telangana

- Special Observer for Dr. YSRUHS, Vijayawada, Andhra Pradesh

SPECIAL ACADEMIC ACTIVITIES:

1. Prepared **Museum Catalogues & Models** (ACSR Government Medical College & Narayana Medical College)
2. Prepared **SOPs** for Processing of Clinical Specimens
3. Well versed in conducting different **Teaching – Learning methodologies**: DOAP, Short Group Teaching, Problem Based Learning, OSPE, Symposium, Seminars, Self-Directed Learning, Demo
4. **Reviewer for Saudi Journal of Pathology and Microbiology**
5. **Reviewer for Scholar Journal of Medical Case Reports**
6. **Reviewer for Scholar Journal of Applied Medical Sciences**
7. **Reviewer for Journal of Clinical and Diagnostic Research**
8. **Associate Editor for Global Academic Journal of Medical Sciences**
9. **Reviewer for International Journal of Basic and Applied Sciences (Institute of Scholars (InSc))**
10. **Reviewer for Journal of Advances in Medical and Pharmaceutical Sciences**
11. **Member of Medical Education Unit, Katuri Medical College & Hospital, Guntur**
12. **Member of Central Research Committee, Katuri Medical College & Hospital, Guntur**

DISSERTATION:

During my Post Graduation I did my thesis on:

‘COMMON ISOLATES FROM SUSPECTED CASES OF SEPTICEMIA WITH A SPECIAL FOCUS ON MULTIDRUG RESISTANT STRAINS IN A TERTIARY CARE HOSPITAL’

under the guidance of Dr. P. Sreenivasulu Reddy (Professor & HOD, Department of Microbiology, Narayana Medical College, Nellore, A.P)

MEMBERSHIPS:

- IAMM National Life Membership
- IAMM TAPC chapter (Life Membership)
- IMA (Indian Medical Association) – Life Membership
- IFCAI (Infection Control Academy of India)

- Contributing Member of American Society of Microbiology
- Fellow Member of Scholars Academic & Scientific Society
- Professional Member of Institute of Scholars – Lifetime membership
- International Organization for Academic and Scientific Development (IOASD) – Life membership
- Member of Medical Education Association, Andhra Pradesh

LEADERSHIP QUALITIES:

1. **Group leader** for Community Medicine Projects (Problem Solving for Better Health) by Dreyfus Health Foundation (New York) in Under Graduation (2007)
2. **President** of Senior Residents Association – ACSR Government Medical College Unit (2016 – 2017)
3. **Executive Member** of Andhra Pradesh Senior Residents Association (2016 – 2017)
4. **Liaison Incharge**, IAMM XXI TAPC Annual Conference, Narayana Medical College, Nellore, 19th – 21st January 2018
5. **Liaison Incharge for COVID - 19 Sample Collection Duties (Pandemic COVID – 19)**
6. **Quality Manager: BSL 2 (Molecular Biology) Laboratory & Serology section:**
 - Department of Microbiology, Narayana Medical College, Nellore
 - Department of Microbiology, Katuri Medical College & Hospital, Guntur
7. **Best Top Intern (Best of IMUN)** in recognition of outstanding accomplishment and contributions for the *International Model United Nations Campus Ambassador Internship Program, 2021 by International Model United Nations (IMUN) with Letter of Recommendation by IMUN*
8. **Executive Member of General Body, Indian Association of Medical Microbiology (IAMM) – TAPC Chapter (2021 – 2024)**
9. **Incharge for Molecular Laboratory, Katuri Medical College, Guntur**
10. **Nodal Officer – National Action Plan – Antimicrobial Resistance (NAP – AMR)**
11. **Member Secretary for AMS Committee**
12. **Incharge for MBBS & PG Admissions Committee – Katuri Medical College, Guntur**

OTHERS SKILLS:

1. Excellent **communication skills** – written and verbal, strong interpersonal skills
2. Ability to **lead projects and programs and motivate**

3. **Organized, observant and attentive to detail**
4. Skill for **Problem solving ability** with attention to root cause
5. Ability to **prioritize workloads** during busy schedules
6. Ability to **handle multiple projects**
7. Well versed with **use of computers and usage of Microsoft Word, Microsoft PowerPoint, Microsoft Excel, Microsoft OneNote**

OTHER ACTIVITIES:

1. **Served in Free Health Checkup Camps** for flood affected areas conducted by AI – Ameen Medical College, Bijapur, 8th & 17th October 2009
2. **Playing Chess** (Prize Winner in Under Graduate Zonal sports)
3. **Completed Campus Ambassador Internship Program for International Model United Nations (IMUN)**, January 22nd 2021 to February 26th 2021
4. **Blood Donor**
5. **Teacher training in Yoga**
6. **Composing songs & singing**

PLEDGES:

1. **Jan Andolan for COVID – 19 Appropriate Behavior**, by Government of India
2. **TB free India**, Ministry of Health & Family Welfare, National Health Mission, Government of India

REFERENCE:

1. Dr. K. Saileela
Prof & HOD
Department of Microbiology,
Katari Medical College,
Guntur – 522019, Andhra Pradesh
Ph. 9989561542
2. Dr. P. Sreenivasulu Reddy M.D.
Professor & HOD
Department of Microbiology
Narayana Medical College
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DECLARATION:

I hereby confirm that the information furnished above is correct to the best of my knowledge

Dr. M. Shabnum