



## FACULTY FULL NAME: Dr. Swathi Gurajala

POSITION: ASSISTANT PROFESSOR

### Personal Data

Nationality | INDIAN

Date of Birth | 07-08-1984

Department | RESPIRATORY CARE

Official Email | sggurajala@iau.edu.sa Personal email: dr.gurajalawathi@gmail.com

Office Phone No. | ----- Mobile no:966540255062

### Language Proficiency

Language	Read	Write	Speak
Arabic	-	-	-
English	Excellent	Excellent	Excellent
Others	Excellent	Excellent	Excellent
-Telugu			
-Hindi	Excellent	Excellent	Excellent

### Academic Qualifications (Beginning with the most recent)

Date	Academic Degree	Address	Place of Issue
April 2019- April 2020	Fellowship in Infectious Diseases (FIID)	India	School of Public health and Community medicine, UNSW (Australia) and Apollo hospitals, Hyderabad (India)
March 2017	Diplomate member (Dip RC Path)	UK	Royal college of Pathologists London, United Kingdom
May 2010- May 2013	Doctor of Medicine (MD) Medical Microbiology	India	Gandhi medical college, Dr. NTR University of Health Sciences Vijayawada, India
October 2003- June 2008	Bachelor of Medicine and Bachelor of Surgery (MBBS)	India	Kamineni Institute of Medical Sciences, Dr. NTRUHS, Vijayawada, India

### PhD, Master or Fellowship Research Title: (Academic Honors or Distinctions)

MD	“Immunological & Virological profile of dengue fever in a tertiary care hospital”
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	Received Rs 30000 /- INR from College Development Fund (CDF), Gandhi medical college, Secunderabad, Telangana state, India. (for accomplishment of MD MEDICAL MICROBIOLOGY Post graduate degree)
Fellowship	Diplomate member of Royal College of Pathologists,UK Fellowship in Infectious Diseases, UNSW,Australia

**Professional Record: (Beginning with the most recent)**

Job Rank	Place and Address of Work	Date
Assistant professor	Medical Microbiology, Dept of Respiratory care, College of applied medical sciences in Jubail, Imam Abdul Rahman bin Faisal University, Kingdom of Saudi Arabia	Dec 2018-till date
Assistant professor	Department of Medical Microbiology, Kamineni Academy of Medical Sciences and Research center, LB Nagar, Hyderabad, Telangana state, India	August 2014- July 2019
Senior resident	Department of Medical Microbiology, Gandhi medical College, Secunderabad, Telangana state, India	Dec 2013- August 2014
Subject matter expert (SME)	MEdRC Edutech Ltd Hyderabad, Telangana state, India	August 2013-October 2013
Junior resident/ Postgraduate	Department of Medical Microbiology, Gandhi medical College, Secunderabad, Telangana state, India	May 2010- May 2013
Internship	Osmania General Hospital, Hyderabad, Telangana state India	June 2008-June 2009

**Administrative Positions Held: (Beginning with the most recent)**

Administrative Position	Office	Date
Co -chair of the quality and academic accreditation	College of Applied Medical Sciences in Jubail, IAU, KSA	Sept 2022- till date



Head of the quality and academic accreditation	College of Applied Medical Sciences in Jubail, IAU, KSA	Dec 2019- Aug 2022
Medical council of India (MCI) College Coordinator for Post graduate courses	Kamineni Academy of Medical Sciences and Research center, LB Nagar, Hyderabad, Telangana state, India	Dec 2017- Dec 2018
Vice principal	Kamineni Institute of Paramedical Sciences, LB Nagar, Telangana state, India	June 2016-April 2018
Infection control officer	Kamineni hospitals, LB Nagar, Telangana state, India	July 2015- Dec 2018
Technical manager for NABL accreditation	Laboratory diagnostics Department, Kamineni hospitals, LB Nagar, Telangana state, India	August 2014- Dec 2018

**Job description:**

S.NO	Designation	Institution	Duration
1	Assistant Professor, Department of Microbiology	College of Applied medical sciences, Al Jubail, Imam Abdulrahman Bin Faisal University, Kingdom of Saudi Arabia	Dec 29 ,2018- present

**Job description:**

1. Teaching: Basic clinical assessment and Patient assessment education to undergraduate students through lectures and practical sessions
2. Teaching: Microbiology and infection control to undergraduate medical students through lectures
3. Assessment: Conduct class tests, sessional exams and university exams
4. Member Secretary of Health Professionals Education Unit (HPE unit)
5. Assisted in Preparation of question bank of MCQs
6. Assisted Team HPE in Rubrics preparation
7. Assisted Team HPE in conducting Online assessment for the Department of Biostatistics using LMS - "Black board"
8. Part of Peer assisted learning strategy (PAL) for low achievers
9. Academic advisor
10. Assisted the Team HPE in conducting Needs Assessment Survey to the faculty
11. **Head, Quality and Academic accreditation-**

As the head of QAAU, the roles are

1. Work directly with the Vice Dean for Development and Community Partnership on the goals of the unit.
2. Lead the quality and academic accreditation unit to create and collect the eligibility requirements for the national/international accreditation of academic programs.
3. Work closely with the Deanship of Quality and Academic Accreditation (DQAA) to develop, and manage the quality enhancement system, in line with the strategic plan of DQAA and IAU.
4. Present annual unit reports to the Vice Dean for Development and Community Partnership at the College on the status of work in the Unit according to its responsibilities and barriers encountered.
5. Participate in the development of the strategic plans of the college in cooperation with the DQAA and supervise its implementation.
6. Participate in education sessions related to quality assurance, academic accreditation in IAU or outside such as, annual NCAAA conferences and/or by Education & Training Evaluation Commission (ETEC) and others.
7. Check the completeness of the annual program reports for all programs in the college ensuring they are approved and signed by department chairperson and get approval from Departmental Faculty Board; should include key



performance indicators relating to the most important objectives, and an indication of whether the short term results on operational plans confirm to what is required if the long-term strategic plans and objectives are to be achieved.

8. Participate in implementing the findings of self-study report for the college programs

2	Assistant Professor Department of Microbiology	Kamineni Academy of Medical Sciences and Research Centre, LB Nagar, Hyderabad, Telangana state, India	August 7, 2014- July 8, 2019
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### Job description:

1. Assistant Professor- Impart Microbiology education to students–MBBS, MD and Applied medical courses through lectures, practical sessions, Problem-Based Learning (PBL), Self-Directed Learning (SDL) sessions and other newer interactive teaching methodologies
2. Assessment: Conduct class tests, sessional exams and university exams. Serve as internal examiner in the university examination for MBBS course.
3. Consultant Microbiologist- - involved in performing, interpreting and analyzing the results of various microbiology lab tests
4. Accreditation work -Technical manager, Dept of Microbiology-actively involved in NABL related work and played an active role in accomplishment of three successive NABL accreditation for Department of Microbiology, Kamineni Diagnostic Laboratories, LB Nagar, Hyderabad.
5. Infection control officer -played an active role in preparing infection control manual, antibiotic policy, bundle care checklists etc.  
-Managed, directed and coordinated activities of nurses, assistants, specialists, residents and other medical staff.  
-Lead hospital prevention and health promotions to increase awareness of health-related issues.  
-Antibiotic stewardship.  
-Effectively led teams of junior level physicians, nurses and medical students in caring for inpatient, outpatient, and surgical patients to ensure quality care.  
-Inspected medical instruments, equipment and operating rooms to maintain proper hygiene and sterility.  
-Training of all the staff in the hospital regarding infection prevention and control.
6. -Played an active role in accomplishment of NABH accreditation for Kamineni hospitals, LB Nagar for 2 consecutive times.
7. Resource faculty for Medical education unit- actively involved in faculty development programmes, student orientation programmes, conducting workshops
8. Core committee member of Revised National Tuberculosis Control Programme (RNTCP)
9. Research: Involved in Medical Education research and Medical Microbiology. Guide students in Student Research Projects.
10. Mentor: supervise academic activities and progress of a group of students.

3	Resident specialist Department of Microbiology	Gandhi medical college, Secunderabad, Telangana state, India	December 5,2013- August 4,2014
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**Job description:**

1. Teaching: Imparted Medical Microbiology education to undergraduate (MBBS) and post graduate (MD) students through lectures and practical sessions
2. Research- involved in Medical microbiology research on emerging bacterial infections and Pyrexia of unknown origin
3. Diagnostic - involved in performing, interpreting and analyzing the results of various microbiology lab tests
4. Accreditation work -actively involved in NABL related work and played an active role in accomplishment of NABL accreditation for Department of Microbiology, Gandhi Hospital, and Secunderabad.
5. Lead hospital prevention and health promotions to increase awareness of health-related issues.

4	Junior resident Department of Microbiology	Gandhi medical college, Secunderabad, Telangana state, India	May 28, 2010- May 27,2013
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**Job description:**

1. Teaching: Imparted Medical Microbiology education to undergraduate medical (MBBS) students through practical sessions, Undergraduate (B Sc Nursing) teaching, Medical laboratory technologist training
2. Research- involved in Medical microbiology research on Dengue virus infection and cell culture techniques- handling various cell cultures, maintaining cell lines, infection of mosquito cells with Dengue virus infected serum sample, interpretation of various cytopathic effects in the cell lines, viral isolation techniques & identification of dengue virus serotype by PCR.
3. Diagnostic - Testing and Interpretation of Various Test Samples, Aerobic culture techniques, Antimicrobial susceptibility Testing, Anaerobic Culture techniques, Mycobacteriology, PCR And ELISA tests for Serology, Mycology Techniques

**Scientific Achievements**

**Published Refereed Scientific Research**

(In Chronological Order Beginning with the Most Recent)

#	Name of Investigator(s)	Research Title	Publisher and Date of Publication
1.	Gaurav Masand, Swathi Gurajala, Jedithjah Naapia Tamedi Papia, Liakutul Haque	Exploring different AI tools for research paper writing	International journal of Computer Science Engineering techniques , Volume 7 Issue 2, 2023.
2.	H Babu, SP Madhavan, G Vijayakumar, M Das, S Gurajala	Application of AI Tools for Better Rehabilitation Purposes	Journal for ReAttach Therapy and Developmental Diversities 6 (8s), 661-669



3.	S Gurajala G Pandurangam G Matharasi	Antimicrobial drug repurposing	Journal of Population Therapeutics and Clinical Pharmacology 30 (17), 14-39
4.	G Pandurangam, S Gurajala	Infection Control Practices in Cadaveric Dissection-Current Knowledge and Future Perspectives: A Review	Pakistan Heart Journal 56 (2), 439-447
5.	Dr. S. Monisha Brij Kishore Tiwari, Dr. Anurag Rawat, Khushboo Shrimali, Dr. Nitya Sharma, Dr. Swathi Gurajala	Antiviral drug molecules for HIV-related entry or fusion inhibition: Computer aided molecular designing (CAMD), Docking studies and denovo synthesis	European chemical bulletin 12 (4), 14512 – 14521
6.	Juan Carlos Orosco Gavilán Brij Kishore Tiwari, Dr. Subhadra Rajpoot, Dr. Anuja Pandey, Mahmood Begum, Dr. Swathi Gurajala	A New Generation of selective HSP90 inhibitors: Targeting the cytosolic HSP90 isoforms	European chemical bulletin 12 (4), 14496 – 14504
7.	Adil Amin FNU Nimerta, Sana Faisal, Nafisa Reyaz, Syeda Urooba Shah, Swathi Gurajala, Raja Ram Khenhrani, Muhammad Waqas Khan	Comparison of the Efficacy and Safety of Aspirin and Low-Molecular-Weight Heparin in Patients With a Fracture: A Meta-Analysis	Cureus Journal of medical science 15 (5), e39025
8.	S Gurajala	Healthcare System in the Kingdom of Saudi Arabia: An Expat Doctor's Perspective	Cureus Journal of medical science 15 (5), e38806
9.	Dr Yadavalli Guruprasad Rattan Khurana, Md Nazamuddin Tafadar, Neeru Sharma, Kanwaljeet Kaur, Swathi Gurajala	Practicing Of Hand Hygiene Practices Among Patients Attending The Department–An Institutional Study	Journal of Pharmaceutical Negative Results, 4473-4476
10.	Swathi Gurajala	Autoimmune disorders with special reference to Coronavirus disease-2019	J Datta Meghe Inst Med Sci Univ [serial online] 2022 [cited 2022 Dec 22];17:792-8.
11.	Swathi Gurajala, Sandeep Kumar Tippiarathi, Rajkumar H.R.V.	Genotypic Characterisation of Multi Drug Resistant Gram-Negative Bacteria with Special Reference to Carbapenem Resistance in a Teaching Hospital, Hyderabad, Telangana State	Journal of evolution of medical and dental sciences, Vol. 10 / Issue 14 / Apr. 05, 2021



12.	Dr. Swathi Gurajala	Maximizing the utility of online assessment tools in the pandemic era- a narrative review	Journal of educational technology in health sciences Volume: 7, Issue: 3, Year: 2020 .Article Page: 80-85
13.	Dr. Swathi Gurajala	A Sneak Peek into COVID-19 Vaccines-Present Status	Journal of clinical and diagnostic research . Year : 2021   Month : March   Volume : 15   Issue : 3   Page : DE01 - DE05
14.	Ahmed Hagera, Gurajala Swathi, Anukolu Reddy Ravishankar, HRV Rajkumar, Gorthi Vemu Lakshmi	Clinic laboratory Profile and Outcome of Patients with Urosepsis at a Tertiary Care Centre in Southern India	Journal of Clinical and Diagnostic Research .Year : 2021   Month : January   Volume : 15   Issue : 1   Page : DC14 - DC17
15.	Sandeep Kumar Tipparthi, Swathi Akula, HRV Rajkumar, A. Ravishankar Reddy, Guru Prasad Manderwad	Coproduction of 16s rRNA methyltransferase and carbapenemase in multi drug resistant gram-negative bacteria	Journal of Clinical and Diagnostic Research. 2020 Nov, Vol-14(11): DC05-DC08
16.	Dr. Swathi Gurajala	Laboratory Diagnosis of COVID-19 - Lessons Learnt So Far- A Review of Literature	Research & Reviews: A Journal of Microbiology & Virology. 2020; 10(2): 14–21p
17.	Yashwitha Sai Pulakurthi, Praneeth Reddy Keesari, Sandeep Kumar Tipparthi, Swathi Akula, Rajkumar HRV, Ravi Shankar Reddy A, Guru Prasad Manderwad	Detection of co-existence of carbapenemase genes using multiplex PCR among gram negative bacteria isolated from tertiary care hospital in Hyderabad	IJMSTR. Volume 4, Issue 6; June: 2020; Page No. 45-47
18.	Anisha C.K., Swathi Akula, Raturaj M.K., Sandeep Kumar Tipparthi, Rajkumar H.R.V., Ravi Shankar Reddy A, Lakshmi Vemu, Guru Prasad Manderwad	Case report of urinary tract infection caused by Raoultella ornithinolytica from India	Research & Reviews: A Journal of Biotechnology. Vol 9, No 3 (2019)
19.	Swathi Akula Rajkumar HRV	Tubercular cerebellar abscess- a case report from a tertiary care Centre, Hyderabad, Telangana state	Journal of Tuberculosis. 2019; 2(1): 1012





20.	Mr. Sandeep Kumar Tipparthi, Dr. Swathi Akula, Dr. Guruprasad Manderwad, Dr. HRV.Rajkumar	Prevalence of Carbapenem Resistant Klebsiella Pneumoniae in a tertiary care hospital, Hyderabad, Telangana State	International journal of Microbiology research, Volume 11, Issue 8, 2019, pp.- 1693-1695.
21.	Mr. Sandeep Kumar Tipparthi, Dr. Swathi Akula, Dr. Yamini Kura, Dr. Guruprasad Manderwad, Dr. HRV.Rajkumar	Bacteriological and clinical profile of primary pyoderma and its association with nasal carriage	International Journal of Medical Science and Diagnosis Research. Volume 3, Issue 4. April: 2019; Page No. 10-14
22.	Swathi Akula, Yamini Kura, Sandeep Kumar Tipparthi, Rajkumar HRV.	Evaluation of the rapid urine dipstick test as a point of care test in the diagnosis of urinary tract infection in a tertiary care hospital	International Journal of Medical Science and Diagnosis Research. Volume 3, Issue 1; January: 2019; Page No. 40-43
23.	Yamini Kura, Swathi Akula, Rajkumar HRV	Pregnancy and asymptomatic bacteriuria –A study from a tertiary care teaching hospital, Hyderabad	International Journal of Medical Microbiology and Tropical Diseases, October-December 2018;4(4):181-185
24.	Swathi Akula, Yamini Kura, Rajkumar HRV	Microbiological spectrum and antimicrobial susceptibility patterns of various isolates from endotracheal tube aspirates in a tertiary care hospital, Hyderabad	Indian Journal of Microbiology Research, April-June 2018;5(2):202-207
25.	Sushma Rajya Lakshmi G, Manisha Rani, Nagamani K, Naga Soujanya K, Sunitha Pakalapaty, Swathi Akula	A Study on Identification of Circulation of Dengue Virus Serotypes in the City of Hyderabad, Telangana as Determined by Conventional Reverse Transcription Polymerase Chain Reaction	Acta Biomedica Scientia, 2018; 5(1):6-12.
26.	Sushma Rajya Lakshmi, Nagamani K, K. Naga Soujanya, Manisha Rani, Sunitha Pakalapaty and Swathi Akula	A study on NS1 antigen detection ELISA assay in comparison with RNA detection by Reverse Transcription Polymerase Chain Reaction for the early diagnosis of Dengue	Int.J.Curr.Microbiol.App.Sci. 6(12):1586-1596.
27.	Sunitha Pakalapaty, Manisha Rani, Jahnavi I, Nagamani K, Prashanthi K, Naga Soujanya K, Sushma Rajya Lakshmi G, Swathi A	Analysis and Identification of Clinical and Epidemiological Profile Among Clinically Suspected TBM Cases	Journal of Science, 2018; 8(1):13-18.
28.	Sunitha Pakalapaty, Sushma Rajya Lakshmi, I. Jahnavi,	A Study on Early and Accurate Detection of Mycobacterium Tuberculosis among Meningitis	Acta Biomedica Scientia, 2017; 4(2):1-5.





	K. Nagamani, K. Prashanthi, K. Naga Soujanya, Manisha Rani, Swathi Akula	Cases by Using Conventional Staining Methods	
29.	Sunitha Pakalapaty, Sushma Rajya Lakshmi, I. Jahnavi, K. Nagamani, K. Prashanthi, K. Naga Soujanya, Manisha Rani, Swathi Akula	A study on comparison and evaluation of sensitivity and specificity of different staining methods with conventional Polymerase chain reaction among meningitis cases-A prospective cross-sectional study	Int.J. Curr.Microbiol. App.Sci .6(2):157-168.
30.	Swathi Akula and HRV Rajkumar	An interventional approach Jigsaw method in combination with lecture to improve the understanding of Clinical Microbiology for second MBBS students	J Educational Res & Med Teach 2018; 5(2):25-30.
31.	Swathi Akula, Guru Prasad Manderwad, Ravi Shankar Reddy Anukolu, HRV Rajkumar	Emergence of extensively drug-resistant Acinetobacter spp in a tertiary care Centre of Hyderabad, Telangana state	Indian Journal of microbiology research. 2017 Volume 4: Issue 4.
32.	A. Swathi, HRV Rajkumar, Guru Prasad Manderwad	Role of HPV in retinoblastoma- A review	Journal of Basic and Clinical Research 2016; 3(2): 24-28.
33.	Sudha Madhuri D, A. Swathi, K. Nagamani	Impact of quality indicators on the performance of clinical serology laboratory	Journal of Evolution of Medical and Dental Sciences. 5. 6300-6303.
34.	Nagamani K, Swathi Akula	Serological and virological profile of dengue fever in a tertiary care hospital, southern part of Hyderabad, during 2011-12	Journal of Microbiology and biomedical research, 2015; 1:01-07.
35.	Ravishankar Reddy, Swathi Akula	Bacteriological profile of ventilator associate Pneumonia in intensive care unit	World journal of pharmaceutical research, 2014. Volume 3, issue 6, 943-954.
36.	Nagamani Kammili, A. Swathi, Sudha Madhuri Devara, P.R. Anuradha	Prevalence of scrub typhus among undifferentiated febrile illness cases provisionally diagnosed as dengue fever	Journal of Evolution of Medical and Dental Sciences. Volume 2/Issue 16/ April 22,1013

Refereed Scientific Research Papers Accepted for Publication

#	Name of Investigator(s)	Research Title	Journal	Acceptance Date
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#### Scientific Research Papers Presented to Refereed Specialized Scientific Conferences

#	Name of Investigator(s)	Research Title	Conference and Publication Date
1	Dr. Swathi Gurajala, Dr. Nagamani Kammili	Serological and virological profile of dengue fever in Southern part of Hyderabad	National conference on “Emerging and reemerging viral outbreaks in India- clinical challenges and management” CSIR - IICT-CCMB auditorium from 20th -22nd Jan 2015.
2	Dr. Swathi Gurajala, Dr. Nagamani Kammili	Immunological& Virological profile of dengue fever in a tertiary care hospital	Indian Association of Medical Microbiologists – AP Chapter, Visakhapatnam, January 2013 “ <u>Dr.C.S. Baskaran Gold Medal for the best paper award for Postgraduates</u> ”
3	Dr. Swathi Gurajala, Dr. Nagamani Kammili	Patterns of acute febrile illness among patients admitted in a tertiary care hospital	Indian Association of Medical Microbiologists – AP Chapter, Kurnool, January 2012 “ <u>Best Paper Award</u> ”

#### Completed Research Projects

#	Name of Investigator(s) (Supported by)	Research Title	Report Date
1	Yashwitha Sai Pulakurthi, Praneeth Reddy Keesari, Sandeep Kumar Tipparthi, Swathi Akula, Rajkumar HRV, Ravi Shankar Reddy A, Guru Prasad Manderwad Supported by Dept of Microbiology, KAMSRC	Detection of co-existence of carbapenemase genes using multiplex PCR among gram negative bacteria isolated from tertiary care hospital in Hyderabad	October,2019



2	Dr. Swathi Gurajala, Dr. Nagamani Kammili	Immunological & Virological profile of dengue fever in a tertiary care hospital	November, 2012
3	Dr. Swathi Gurajala, Dr. Nagamani Kammili	Patterns of acute febrile illness among patients admitted in a tertiary care hospital	November, 2011

#### Current Research

#	Research Title	Name of Investigator(s)
1	OSA AWARENESS	Dr. Swathi Gurajala

#### Contribution to Scientific Conferences

#	Conference Title	Place and Date of the Conference	Extent of Contribution
1	IAMM National e-conference (MICROCON 2020)	8-11 <sup>th</sup> December ,2020 (Virtual)	Attendee
2	CIDSCON 2020 10 <sup>TH</sup> Annual Conference of Clinical Infectious diseases society	21-29 <sup>th</sup> November ,2020 (Virtual)	Attendee
3	Designing Pedagogy for Medical Humanities- International Health Humanities Conference	Sri Siddhartha Institute of Medical Sciences & Research Centre, Bengaluru Rural 10th – 12th September 2020 (virtual)	Attendee
4	National Conference of the Hospital Infection Society of India HISICON 2018	Gleneagles Global hospitals, Hyderabad, Oct 4-6 <sup>th</sup> 2018	Scientific committee member
5	Zonal task force -operational research- RNTCP	KAMSRC, LB Nagar, January 23-24 <sup>th</sup> ,2018 Hyderabad	Organizing secretary
6	CME on “MICROBIOLOGY-AN UPDATE	KAMSRC, April 2016	Scientific committee member
7	National conference on “ Emerging and reemerging viral outbreaks in India - clinical challenges and management “	CSIR,IICT,CCMB Hyderabad January 22-25 <sup>th</sup> ,2015	Paper presentation and attendee
8	5 <sup>th</sup> Annual conference of Medical education	KIMS, Narketpally January 4-5 <sup>th</sup> , 2015	Attendee
9	XVI AP Chapter- Conference of IAMM	Andhra medical college, Visakhapatnam , Jan 2013	Paper presentation and attendee



10	XV AP Chapter- Conference of IAMM	Kurnool medical college January 6-8 ,2012	Paper presentation and attendee
11	XIV AP Chapter-Conference of IAMM	Guntur medical college , January 2011	Attendee

#### Contribution to Symposia

#	Symposia Title	Place and Date of the symposia	Extent of Contribution
1.	Preparing course and field experience report	House of Quality and Accreditation, DQAA, IAU <b>Dec 21,2021</b>	Attendee
2.	Preparing annual program report	House of Quality and Accreditation, DQAA, IAU Dec 14,2021	Attendee
3.	Preparing course portfolio	Quality unit ,CAMSJ Dec 9,2021	Presenter
4.	Accreditation for the newbies	Quality unit, CAMSJ Nov 16,2021	Presenter
5.	Assessment of CLO and PLO	House of Quality and Accreditation, DQAA, IAU <b>Nov 9,2021</b>	Attendee
6.	Preparation of Self study report for programs	House of Quality and Accreditation, DQAA, IAU <b>Oct 26,2021</b>	Attendee
7.	Planning and implementation of self evaluation scales for programs	House of Quality and Accreditation, DQAA, IAU <b>Oct 19,2021</b>	Attendee
8.	Fulfilling accreditation eligibility requirements for UG and PG programs	House of Quality and Accreditation, DQAA, IAU <b>Sept 21,2021</b>	Attendee
9.	Graduate attributes- design and development	House of Quality and Accreditation, DQAA, IAU June 14,2021	Attendee
10.	Program specifications	House of Quality and Accreditation, DQAA, IAU March 2,2021	Attendee



11.	Alignment of Program and courses learning outcomes- NCAAA perspective	House of Quality and Accreditation, DQAA, IAU Feb 16,2021	Attendee
12.	Academic Quality Practitioner training	ETEC, NCAAA Jan 31-Feb 2,2021	Attendee
13.	Future of performance assessment	TebX and IAU December 6,2020	Attendee
14.	Developing Core competencies in Teaching and learning for faculty members workshop	Deanship of academic development, IAU November 22-25,2020	Attendee
15.	Conceptualizing the future of Medical education	TebX and IAU November 21,2020	Attendee
16.	Quality in scientific research Level 2	Clarivate analytics November 19,2020	Attendee
17.	COVID-19 and antimicrobial stewardship	British Society for Antimicrobial Chemotherapy November 18,2020	Attendee
18.	Quality in scientific research level 1	Clarivate analytics November 17,2020	Attendee
19.	Assessing project based learning	Deanship of academic development, IAU November 16,2020	Attendee
20.	How to Write Bibliometric article	Deanship of library affairs, IAU 10 <sup>th</sup> Nov,2020	Attendee
21.	Providing Constructive Feedback	Deanship of e-learning, IAU 12 <sup>th</sup> Oct 2020	Attendee
22.	CAHO- Online training of RTCP/PCR, True NAT and CBNAAT for COVID-19 testing	Consortium of Health care organizations (CAHO) October-November 2020	Attendee
23.	High-Quality Assessment using Rubrics	Deanship of Academic Development, IAU 9 <sup>th</sup> September,2020	Attendee
24.	Virtual class management using ZOOM application	Deanship of e-learning, IAU 3 <sup>rd</sup> September, 2020	Attendee
25.	NAAC Revised Accreditation Framework - Resolving the Practical Snags (under UGC PARAMARSH Scheme)	GHG Khalsa College of Education Gurusar Sadhar, Ludhiana Aug 17-25,2020	Attendee
26.	Blueprinting	Vinayaka Mission's Kirupananda Variyar	Attendee



		Medical College & Hospitals, Salem, Tamilnadu Aug 10,2020	
27.	Managing Online Classes and Co-Creating MOOCS 3.0	Teaching Learning Centre established under the Pandit Madan Mohan Malaviya National Mission on Teachers and Training scheme of MHRD, Ramanujan College (University of Delhi) in collaboration with Research Development and Services Cell, Ramanujan College. July 25-Aug 10,2020	Attendee
28.	Workplace-Based Assessment: The Need, Process and Challenges	NTTC, Puducherry July 31,2020	Attendee
29.	Antimicrobial Stewardship in Pandemic Times: Role of Diagnostic Data surveillance...Now and Beyond! Real world Experience	IAMM Delhi Chapter & BD India July 29,2020	Attendee
30.	E Learning Development, Delivery and Assessment (3 CPD HOURS)	SSIMSRC, Davangere July 23-25,2020	Attendee
31.	International virtual hands-on workshop on “Meta-analysis”	Dept of community medicine, Dr.D.Y. Patil medical college, Pune July 21,22 -2020	Attendee
32.	How to Write a Research Proposal’	Xavier University School of Medicine, Oranjestad, Aruba, Dutch Caribbean July 21,2020	Attendee
33.	International webinar on COVID-19 -An opportunity to reform assessment (1 CPD HOUR)	AIIMS, Rishikesh July 21,2020	Attendee
34.	National workshop on Biohazard, BMW and biosafety	MGMCRI, SriBharathiya Vidyapeeth, Puducherry July 4-6,2020	Attendee
35.	Advanced concepts for developing MOOCS	Teaching Learning Centre established under the Pandit Madan Mohan Malaviya National Mission on Teachers and Training scheme of	Attendee



		MHRD, Ramanujan College (University of Delhi) in collaboration with Research Development and Services Cell, Ramanujan College. July 2-17,2020	
36.	Coffee with COVID-19 experts- FAQs on COVID	IAMM DELHI CHAPTER May 28-30,2020	Attendee
37.	2nd Online Workshop on Designing Curriculum in Open and Distance Learning-	School of Health Sciences, IGNOU, New Delhi May 23-31,2020	Attendee
38.	Writing high quality research article	ILRC, IAU May 14 <sup>th</sup> ,2020	Attendee
39.	Mendeley	ILRC, IAU May 7 <sup>th</sup> ,2020	Attendee
40.	Endnote web	ILRC, IAU May 5 <sup>th</sup> ,2020	Attendee
41.	Laboratory quality and accreditation as per ISO 17025	DQAA, IAU April 7 <sup>th</sup> ,2020	Attendee
42.	Course report	DQAA, IAU April 2 <sup>nd</sup> ,2020	Attendee
43.	Course specifications	DQAA, IAU March 30 <sup>th</sup> ,2020	Attendee
44.	Teaching during exceptional times	Deanship of Academic Development, IAU March 24 <sup>th</sup> ,2020	Attendee
45.	Question mark -online training session	Deanship of E-learning, IAU March 17,2020	Attendee
46.	Communication skills	Deanship of education development, IAU March 3 <sup>rd</sup> ,2020	Attendee
47.	Active learning strategies for student learning	HPEU, CAMSJ Feb 25 <sup>th</sup> ,2020	Attendee
48.	Essential skills in Health Professions Education- MODULE 2-Assessment	Department of medical education, IAU Feb 18-20 <sup>th</sup> ,2020	Attendee
49.	Black board	Deanship of E-learning, IAU Feb 11 <sup>th</sup> ,2020	Attendee
50.	Essential skills in Health Professions Education-	Department of medical education, IAU	Attendee





	MODULE 1-Teaching and learning	Jan 27-29 <sup>th</sup> ,2020	
51.	Interactive lecturing- engaging students in a meaningful way	HPEU, CAMSJ Jan 21 <sup>st</sup> ,2020	Attendee
52.	Why editors are rejecting my paper	Deanship of library affairs, IAU November 26 <sup>th</sup> ,2019	Attendee
53.	Strategic plan of IAU	Vice president Studies, Development and Community Services, IAU November 20 <sup>th</sup> ,2019	Attendee
54.	Using PubMed as a search engine for medical literature search	Deanship of library affairs, IAU November 12 <sup>th</sup> ,2019	Attendee
55.	Analyzing and reading test results	Deanship of Academic development October 29 <sup>th</sup> ,2019	Attendee
56.	Principles of question writing	Deanship of education development, IAU October 8 <sup>th</sup> ,2019	Attendee
57.	Student learning styles	Deanship of education development, IAU September 24 <sup>th</sup> ,2019	Attendee
58.	The first day of the class-Get ready	Deanship of Academic development, IAU September 10 <sup>th</sup> , 2019	Attendee
59.	Building Researcher's Connections for Research Visibility and Advancement	Deanship of Library affairs, IAU- April 2 <sup>nd</sup> , 2019	Attendee
60.	How to Get Published in High Quality Journals	Deanship of Library affairs, IAU - March 19 <sup>th</sup> , 2019	Attendee
61.	Learning outcomes for programs and courses	Deanship of education development, IAU 5 <sup>th</sup> Feb 2019	Attendee
62.	Knowledge management system	College of Science and Humanities, Jubail 29 <sup>th</sup> Jan 2019	Attendee
63.	OSPE/OSCE WORKSHOP	CAMSJ, IAU	Attendee



		22 <sup>nd</sup> Jan 2019	
64.	Interactive teaching and student engagement	Deanship of Academic development, CAMSJ, IAU Jan 15 <sup>th</sup> , 2019	Attendee
65.	Saudi Arabian Qualifications Framework	CAMSJ, IAU 8 <sup>th</sup> Jan 2019	Attendee
66.	OSCE/OSPE	KAMSRC, LB Nagar 8 <sup>th</sup> Dec, 2018	Attendee
67.	Mentoring –need of the hour	KAMSRC, LB Nagar 6 <sup>th</sup> Dec, 2018	Attendee
68.	AETCOM-Curtain raise and sensitizer	KAMSRC, LB Nagar 22 <sup>nd</sup> Nov 2018	Attendee
69.	Zonal task force (ZTF) operational research workshop for TB diagnostics	Govt of Karnataka, at National tuberculosis institute, Bengaluru March 1 <sup>st</sup> -3 <sup>rd</sup> 2018	Attendee
70.	2nd National Workshop on Infection Control and Prevention	JIPMER-Puducherry Jan 29 <sup>th</sup> – Feb 2 <sup>nd</sup> , 2018	Attendee
71.	Research methodology and scientific paper writing	MEU, JNMC, Belagavi Organized at KAMSRC, LB Nagar April 18 <sup>th</sup> -19 <sup>th</sup> , 2017	Attendee
72.	Clinical and diagnostic mycology workshop	Department of Microbiology, SJNAMS, Bengaluru September 21 <sup>st</sup> -25 <sup>th</sup> , 2016	Attendee
73.	Laboratory diagnosis of Rabies	Dept of Neurovirology, NIMHANS, Bengaluru 8 <sup>th</sup> July 2016	Attendee
74.	Revised Basic course workshop in Medical Education Technology	GMC, Secunderabad, RC MCI May 3 <sup>rd</sup> -6 <sup>th</sup> , 2016	Attendee
75.	Basic course workshop in Medical Education Technology	KAMSRC, LB Nagar, under the guidance of RC MCI May 28 <sup>th</sup> -30 <sup>th</sup> , 2015	Attendee
76.	NABL training ON QM and Internal audit- ISO 15189-2012	IAQM, QCI Nov 30 <sup>th</sup> -Dec 3 <sup>rd</sup> , 2014	Attendee
77.	Training on STI and RTI	SHARE INDIA August 2014	Attendee



#### Membership of Scientific and Professional Societies and Organizations

- Diplomate membership-Royal college of Pathologists, UK
- Life membership- Indian Association of Medical Microbiologists, TAPC
- Life membership- Association of medical educationists of India
- Associate membership- Consortium of Health care organizations (CAHO)

#### Teaching Activities

##### Undergraduate

#	Course/Rotation Title	No./Code	Extent of Contribution (no. of lectures/Tutorials. Or labs, Clinics)
1	Microbiology and Parasitology	MICROBIOLOGY 221	1 lecture (3hrs) each for 3 groups per week
2	Microbiology and Infection control (BSc NT, BSc RT, BSc AT)	MLT 212 R	1 lecture (2hrs) for each program per week
3	Basic clinical Assessment (BSc NT)	NEURT 223	1 lecture (2hrs) and 2 labs (each 2 hrs.) per week
4	Patient assessment (BSc RT)	RT 222	1 lecture (2hrs) and 2 labs (each 2 hrs.) per week
5	Medical Microbiology (MBBS )	-	1-2 lectures (1hr each) and 2 labs (each 2 hrs.) per week
6	Medical Microbiology (BSc Nursing )	-	1 lecture (1hr) every week
7	Medical Microbiology (BSc MLT)	-	1 lecture (1hr) and demonstration (1hr) every week

#### Brief Description of Undergraduate Courses Taught: (Course Title – Code: Description)

**Medical Microbiology and Infection control course -MICROBIOLOGY 221- BSc NURSING-** Introduces the core concepts and basic principles in microbiology and parasitology, examining microorganisms and how they interact with humans and the environment. Information regarding classification of microorganisms, characteristics of different cell types and processes critical for cell survival is presented. Topics such as bacterial metabolism, microbial



nutrition, genetics, anti-microbial approaches hospital sterilization, infection control and interaction of pathogenic bacteria with humans are discussed. In addition, the course will shed light on viruses, immunology and mycology. Moreover, examples of systemic pathogenic organisms are also reviewed. Although the course has no practical section, an overview of general laboratory procedures and how to collect and handle samples from patients are discussed.

**Medical Microbiology and Infection control course -MLT 212R-** BSc RT, BSc NT, BSc AT Programs : The structure of the course is based on presenting the fundamentals of microbiology to include structures, morphology and classification of bacteria, viruses, fungi and parasites. The students will be introduced to the pathogenesis of the various infectious agents, antimicrobial agents and antimicrobial resistance and infection prevention and control in hospital settings.

**Basic clinical assessment course -NEURT 223- BSc NT Program:** This course is designed to assist students to acquire basic essential skills to perform physical assessment for various patients in different health care settings. Students are trained to collect subjective and objective data in order to design patients' care accordingly

**Patient assessment course -RT 222- BSc RT Program:** This course is designed to assist students to acquire basic essential skills to perform physical assessment for patients in respiratory care settings . Students are trained to collect subjective and objective data in order to design patients' care accordingly

**Medical Microbiology course -MBBS Program:** This course is an introduction to basic immunology, virology and microbiology for MBBS Year 2 students. Emphasis is first placed on understanding the fundamentals of these disciplines, with examples relevant to clinical and diagnostic medicine . This course also helps the students to understand the appropriate usage of antibiotics and concept of antimicrobial resistance and infection prevention and control in hospitals.

**Medical Microbiology course -BSc Nursing program:** This course provides the theoretical foundation for student nurses on the important knowledge and information that will enable them to carry out their duties as nurses in the future in an informed, safe and efficient manner to their respective patients and the public in general. In this course the students will study the different types of micro-organisms and the diseases they cause and concept of antimicrobial resistance and infection prevention and control in hospitals.

**Medical Microbiology course -BSc MLT program :** This course introduces basic practices and principles of diagnostic microbiology, focusing on pathogenic bacteria encountered in the blood, central nervous system, and genitourinary tract. It includes application of common algorithms for identification of clinically significant pathogens including aerobic gram-positive cocci, gram-negative bacilli, gram-negative cocci, gram-positive bacilli, and anaerobes. The course introduces principles and procedures of immunological and molecular diagnostic techniques and their application to the medical lab. This course also presents the theory and procedures for the practice of phlebotomy and waived laboratory testing as it applies to medical laboratory personnel. Phlebotomy and laboratory quality control measures for specimen collection in healthcare facilities will be emphasized throughout this course.



#	Course/Rotation Title	No./Code	Extent of Contribution (no. of lectures/Tutorials. Or labs, Clinics)
1	MD Medical Microbiology	-	1-2 hrs. discussion per week, laboratory work supervision every day

**Brief Description of Postgraduate Courses Taught: (Course Title – Code: Description)**

1	<p><b>MD Medical Microbiology Program:</b></p> <p>The main goal of this course is to train students of Medicine in the field of Medical Microbiology:-</p> <ul style="list-style-type: none"> <li>Theoretical as well as practical training is imparted to the candidates in the subspecialties viz. Bacteriology, Virology, Parasitology, Immunology ,Mycology and Infection control so that they can participate in good patient care and prevention of infectious diseases in the community.</li> <li>They are introduced to basic research methodology so that they can conduct fundamental and applied research.</li> <li>They are also imparted training in teaching methods in the subject which may enable them to take up teaching assignments in Medical Colleges/Institutes.</li> </ul>
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**Course Coordination**

#	Course Title and Code	Coordination	Co-coordination	Undergrad.	Postgrad.	From	To
1	Medical terminology course for Preparatory year	-	Yes	Yes	-	Aug 2022	Till date
2	Basic clinical Assessment NEURT 223	Yes	-	Yes	-	Jan 2019	Till date
4	Patient assessment RT 222	-	Yes	Yes	-	Jan 2019	Till date
5	Microbiology and Infection control MLT 212 R ,MICRO 221, MICRO 223	Yes	-	Yes	-	Sept 2019	Till date
6	MD Medical Microbiology	-	Yes	-	Yes	June 2017	Dec 2018
7	Medical Microbiology (MBBS)	Yes	-	Yes	-	Aug 2014	Dec 2018
8	Medical Microbiology (BSc Nursing)	Yes	-	Yes	-	Aug 2014	Dec 2018
9	Medical Microbiology (BSc MLT)	-	Yes	Yes	-	Aug 2014	Dec 2018

**Guest/Invited Lectures :**

#	Activity/Course Title and Code	Subject	Target audience	College and University or Program	Date
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1	Creating Quiz and assignments using Blackboard	Medical education technology	Faculty	CAMSJ,IAU	November 30,2020
2	Time management	Orientation Program	UG Students	KAMSRC, LB Nagar	September 6 ,2018
3	Communication skills	Orientation Program	UG Students	KAMSRC, LB Nagar	September 7,2018
4	Nipah virus	Microbiology	Faculty and students	KAMSRC, LB Nagar	May 31,2018
5	Mentoring – principles and practices	Medical education technology	Faculty	Dept of medical education, Deccan college of medical sciences and Owaisi hospital, Hyderabad-	21st Oct, 2017
6	Revised Basic Course Workshop in Medical Education Technologies, Regional Centre, Gandhi medical college	Medical education technology	Faculty	KAMSRC, LB Nagar	May 29-31st, 2017
7	Newer vaccines in health care	Medical Microbiology	PG students	Department of Microbiology, Guntur medical college, Guntur, Andhra Pradesh	26 <sup>th</sup> March, 2017
8	Drug resistance in gram negative bacteria	Medical Microbiology	Faculty and students	KAMSRC, LB Nagar	August 29,2016
9	Infection prevention and control	Medical Microbiology	Faculty and hospital staff	KAMSRC, LB Nagar	April 4,2015

#### Student Academic Supervision and Mentoring

#	Level	Number of Students	From	To
1	Level 4(AT program)	25	Aug 2022	Till date
1	Level 4 (BScNT program)	22	Sept 2019	Aug 2022
2	MBBS (1 <sup>st</sup> semester)	10	Oct 2016	Dec 2018

#### Supervision of Master and/or PhD Thesis

#	Degree Type	Title	Institution	Date
1	Doctor of medicine (MD) Medical Microbiology	Co -guide	KAMSRC	June 2018 -Feb 2021

#### Ongoing Research Supervision



#	Degree Type	Title	Institution	Date
1	BScRT	Post COVID-19 respiratory status and quality of life	CAMSJ	2 <sup>ND</sup> Semester,2020-21
2	BScRT	The Incidence of Lung Injury While Using Invasive and Noninvasive Ventilation in COVID-19 Patients: A Scoping ReviewC	CAMSJ	2 <sup>ND</sup> Semester.2021-22

#### Administrative Responsibilities, Committee and Community Service (Beginning with the most recent)

#	From	To	Position	Organization
1	Sept 2022	Till date	Co-chair , QAAU	College of Applied Medical Sciences in Jubail, IAU, KSA
2	Dec 2019	Aug 2022	Head of the quality and academic accreditation	College of Applied Medical Sciences in Jubail, IAU, KSA
3	Feb 2019	Till date	Member of HPEU	College of Applied Medical Sciences in Jubail, IAU, KSA
4	Dec 2017	Dec 2018	Medical council of India (MCI) College Coordinator for Post graduate courses	Kamineni Academy of Medical Sciences and Research center, LB Nagar, Hyderabad, Telangana state, India
5	June 2016	April 2018	Vice principal	Kamineni Institute of Paramedical Sciences, LB Nagar, Telangana state, India
6	July 2015	Dec 2018	Infection control officer	Kamineni hospitals, LB Nagar, Telangana state, India
7	August 2014	Dec 2018	Technical manager for NABL accreditation	Laboratory diagnostics Department, Kamineni hospitals, LB Nagar, Telangana state, India

#### Committee Membership

#	From	To	Position	Organization
1	June , 2019	till date	Member	Health professions education unit, CAMSJ, IAU
2	September 2017	December 2018	Member	RNCTP, KAMSRC
3	April 2017	December 2018	Member	Medical education unit, KAMSRC

#### Scientific Consultations

#	From	To	Institute	Full-time or Part-time
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#### Volunteer Work

#	From	To	Type of Volunteer	Organization
1	Dec 1, 2018	-	World AIDS Day –“Know your status” campaign -Awareness campaign for general population	Dept of General medicine and Dept of Medical Microbiology, KAMSRC, LB Nagar, Hyderabad
2	Nov 21, 2018	-	World COPD day -awareness campaign for the Police department	Dept of Pulmonary medicine and Dept of Medical Microbiology, KAMSRC, LB Nagar, Hyderabad
3	Nov 13,2017	Nov 19, 2017	World antibiotic awareness week- one week awareness activities for medical fraternity and general population	Dept of Medical Microbiology, KAMSRC, LB Nagar, Hyderabad
4	Dec 1, 2017	-	World AIDS Day- “Right to health” campaign Awareness campaign for general population	Dept of General medicine and Dept of Medical Microbiology, KAMSRC, LB Nagar, Hyderabad
5	March 24, 2016	-	World TB day-“Unite to end TB”- Debate for MBBS students – strategies for ending TB	Dept of Pulmonary medicine and Dept of Medical Microbiology, KAMSRC, LB Nagar, Hyderabad
6	Jan 18, 2016	Jan 23,2016	World hand hygiene week- awareness activities for medical fraternity and general population	Dept of Medical Microbiology, KAMSRC, LB Nagar, Hyderabad

#### Personal Key Competencies and Skills: (Computer, Information technology, technical, etc.)

1	Basic Computer and IT Skills
2	Team work
3	Commitment
4	Flexibility
5	Advanced level user of “ Blackboard” LMS – uploading the course content, assignments, grade entry, discussion boards, creating online quiz etc

Last Update Aug 21 , 2023