Name of the staff	Dr. K. SULTHAN SYED IBRAHIM			
Designation	Associate Professor			
Name of the Department	CHEMISTRY			
Communication Address	Phone: 04567355156			
Communication / tduress	<b>Mobile:</b> 9443020307, 8610557313			
	e-mail: Office: kssichem@gmail.com			
	Personal: kssichem@gmail.com			
	<b>Date of joining this College:</b> 06/01/2008 to 12/04/2009 (SF)			
Teaching experience:	From 13/04/2009 FN onwards aided			
	Experience in other Colleges: No			
	Total Experience as of 06/01/2024: 15 Years 00 Months			

## **Academic Qualifications:**

Name of the Degree	University	Year	Division & Distinction
B.Sc. CHEMISTRY	BHARATHIDASAN UNIVERSITY, TRICHY	APR - 2005	FIRST CLASS
M.Sc. CHEMISTRY	BHARATHIDASAN UNIVERSITY, TRICHY	APR – 2007	FIRST CLASS
M.Phil. CHEMISTRY	BHARATHIDASAN UNIVERSITY, TRICHY	SEP – 2008	FIRST CLASS – DISTINCTION
Ph.D. CHEMISTRY	BHARATHIDASAN UNIVERSITY, TRICHY	FEB – 2018	HIGHLY COMMENDED

#### **RESEARCH AND ACADEMIC CONTRIBUTION:**

#### A: DETAILS OF RESEARCH PAPERS PUBLISHED

### i) Refereed Journals\* (throughout the career)

Title of the Article	Author	Co-Authors	Name of the Journal Vol. No. & Page	International / National	Impact Factor, Scopus index, etc.
Synthesis, characterization and Antimicrobial Studies of Novel Derivatives of Phenol and Their Co(II), Ni(II), Cu(II) and Zn(II) chloro complexes	A. Abdul Jameel	M. Syed Ali Padusha and K. Sulthan Syed Ibrahim	Asian Journal of Chemistry, Vol.23, No. 3 (2011), Page 1269 – 1272	International	UGC Approved Journal No. 8774  Impact factor 0.14  Scopus indexed
Synthesis, Characterization and antimicrobial activity of some Novel Mannich bases derived from N-methyl piperazine	K. Sulthan Syed Ibrahim	M. Syed Ali Padusha and A. Abdul Jameel	International Journal of ChemTech Research, Vol. 3, No. 4 (2011), Page 1974 – 1977	International	Impact factor 0.598 H-index 23
Synthesis, Characterization and Antimicrobial Screening of Metal Complexes of Mannich Bases Derived from Benzimidazole	K. Sulthan Syed Ibrahim	M. Syed Ali Padusha, A. Abdul Jameel and S. Sajena	Chemical Science Transactions, Vol. 5, No. 3 (2016), Page 587 – 594	International	Citation factor 0.980 Thomson Reuters Citation in Web of Science indexed
Synthesis, characterisation and antimicrobial activities of metal complexes of a new class of polydentate Mannich bases	K. Sulthan Syed Ibrahim	M. Syed Ali Padusha	YMER, Vol. 21, Issue 12, (Dec-2022), Page 2569	International	Scopus indexed UGC CARE Listed

#### ii) Non-refereed journals with ISSN/ISBN (throughout the career)

Title of the Article	Author	Co-Author(s)	Name of the Journal Vol. No. & Page	International / National	ISBN/ISSN
Synthesis, characterization and antimicrobial studies of some Mannich bases derived from phenylethyl amine and their transition metal complexes	K. Sulthan Syed Ibrahim	M. Syed Ali Padusha and A. Abdul Jameel	Journal of Applied Chemistry, Vol. 2, No. 3 (2014), Page 5 - 11	International	ISSN 2348 - 0408

## iii) Full paper published in the Proceedings of Conference/Seminars/Symposia, etc (throughout the career)

Title of the Article	Author	Co- Author(s)	Name of the Programme	Organiser	Date	ISBN/ ISSN, if any
-	-	-	-	-	-	-

#### **B: RESEARCH PUBLICATIONS:**

#### i) Text or Reference Books published by International publisher (throughout the career)

Title of the Book	Author	Co-author	Name of the Publisher	Month & Year of publication	Price per copy
-	-	-	-	•	-

## ii) Subject Books by National level publishers / State and Central Govt. Publications with ISBN/ISSN Number:

Title of the Book	Author	Co-author	Name of the Publisher	Month & Year of publication	ISBN/ISSN
COORDINATION CHEMISTRY (FOR UNDER- GRADUATE STUDENTS)	Dr. R. Jeyamurugan, Dr. K. Sulthan Syed Ibrahim & Dr. N. Raman	-	Raja Publications, Tiruchirappalli	Feb 2023	978-93-91521-39-4

#### iii) Subject Books by other Local Publishers with ISBN/ISSN numbers

Title of the Book	Author	Co-author	Name of the Publisher	Month & Year of publication	ISBN/ISSN
-	-	-	-	-	-

## iv) Chapters contributed to edited knowledge-based volumes published by the International Publishers:

Title of the Book	Name of the Editor	Chapter contributed	Author/ Co- Author	Name of the Publisher	ISBN/ ISSN
National Seminar on "Recent Trends in Biological Nanochemistry"	Dr. R. JEYAMURUGAN	Abstract compilation	-	Department of Chemistry Dr. Zakir Husain College Ilayangudi – 630 702	978-93-5396-803-8

## v) Chapters in knowledge-based volumes by national level publisher with ISBN/ISSN and with numbers of national and international directories:

Title of the Book	Name of the Editor	Chapter contributed	Author/ Co-Author	Name of the Publisher	ISBN/ ISSN
-	-	-	-	-	-

#### **C: DETAILS OF RESEARCH PROJECTS**

#### i) Major/Minor Research Projects (throughout the career)

Title of the Project	Minor / Major Project	Funding Agency	Period
SYNTHESIS, CHARACTERISATION AND BIOACTIVITIES STUDY OF METAL COMPLEXES OF MANNICH BASES	Minor Research Project	UGC – SERO	2012 – 2014

#### D: RESEARCH GUIDANCE

#### i) Details of Ph. Ds Awarded/Submitted

Name of the Scholar	Title of the Thesis	Submitted / Awarded	Name of the University	Month and Year
-	-	-	-	-

### ii) Details of M.Phil. awarded

Name o Scho	Title of the Thesis	Name of the University	Month and Year
-	-	-	-

## E (i) Training Courses and Conferences/Seminars/Workshop attended Refresher / Orientation Courses attended:

Orientation / Refresher	Organisers / Place	Period / Duration
Training Course in Water Analysis (Instrumental Methods)	Advanced Training Institute (ATI), Government of India, Chennai	One week 06/06/2005 to 10/06/2005
72 <sup>nd</sup> Orientation Programme	UGC – Academic Staff College, Bharathidasan University, Tiruchirappalli, Tamilnadu	28 Days From 11/11/2011 to 08/12/2011
Refresher Course in Chemistry	UGC – Academic Staff College, Madurai Kamaraj University, Madurai	21 Days From 05/11/2013 to 25/11/2013
Refresher Course in Chemistry	UGC – HRDC, Pondicherry University, Pondicherry	21 Days From 08/06/2018 to 28/06/2018
Refresher Course in Chemistry	UGC – HRDC, Madurai Kamaraj University, Madurai	14 Days From 09/12/2020 to 22/12/2020
Refresher Course in Chemistry	UGC-HRDC, University of Mumbai, Mumbai	13 Days From 12/12/2022 to 24/12/2022

## (ii) Participation in Seminars / Conferences / Workshops / Training Programmes / Webinars:

International / National / State level	Organizers / Place	Date	Theme of the Seminar
State	PG & Research Department of Chemistry, Jamal Mohamed College, Trichy	09/03/2006	Emerging Trends in Chemistry
National	DMI Engineering College, Aralvaimozhi, Kanyakumari Dt.	26/03/2010 & 27/03/2010	Recent Trends in Rocket Motors Processing of PropellantTechnology

National	IQAC, TBAK College, Kilakarai	30/03/2012 & 31/03/2012	Promotion and Sharing of Best Practices in Quality Assurance
State	Faculty of Chemistry, Physics and English	02/02/2014	Workshop on "Career Competence"
International	Department of Industrial Chemistry, Alagappa University, Karaikudi	21/02/2014 & 22/02/2014	Workshop on "Frontier Areas in Chemical Technologies – 2014 (FACTs – 2014)"
International	Department of Chemistry, TBAK College, Kilakarai	17/12/2015 & 18/12/2015	Satellite Symposium on Emerging Trends in Nanotechnology (ISSETN-2015)
National	School of Physical Sciences, St. Joseph's College, Trichy	19/01/2017	Recent Advances in Chemistry Research and its Applications
National	SRM University, Ramapuram Campus, Chennai	07/09/2017 & 08/09/2017	Regional Workshop on "Research Based Pedagogical Tools"
National	Department of Chemistry, TBAK College, Kilakarai	23/02/2018 & 24/02/2018	Science Academies Lecture workshop on "Recent Trends in Chemistry"
National	Department of Economics, Dr. Zakir Husain College, Ilayangudi	12/03/2018	Workshop on "The Recent Economic Policy Measures in India"
National	Syed Ammal Arts and Science College, Ramanathapuram	05/04/2018 & 06/04/2018	Scientific and Technological Development for The Welfare of Humanity
State	PG & Research Department of Chemistry, Jamal Mohamed College, Trichy	13/02/2019	Intercollegiate Extravaganza "Symphoria '19"
National	Department of Chemistry & Research Centre, Aditanar College of Arts and Science, Virapandianpatnam, Tiruchendur	22/02/2019	Recent Advances in Applied Chemistry (RAAC – 2019)
National	University Grants Commission (UGC), SERO, Hydrabad organized by Loyola College, Chennai	10/03/2019	EAT module of Public Financial Management System (PFMS) for HEI's
International	Department of Chemistry, Sree Sevugan Annamalai College, Devakottai	06/09/2019	Recent Advances in Applied Chemical Sciences – 2019 (ICRAACS – 2019)
International	Department of Chemistry, Seethalakshmi Achi College for Women, Pallathur	12/09/2019	New Vistas in Material Science (NVMS – 2019)
National	Department of Chemistry & Research Centre, Aditanar College of Arts and Science, Virapandianpatnam, Tiruchendur	25/09/2019	Workshop on "Chemistry en Miniature"

International	Department of Chemistry, Ananda College, Devakottai	21/02/2020	Recent Trends in Chemical Sciences – 2020
E-Quiz	IQAC, Department of Biotechnology and Department of Zoology, St. Joseph's College, Irinjalkuda, Kerala	27/04/2020	COVID-19 AWARENESS QUIZ
Webinar	Department of Electrical & Electronics Engineering, Mount Zion College of Engineering & Technology	11/05/2020	AN OUTREACH PROGRAMME OF KNOWLEDGE INSTITUTIONS- UNNAT BHARAT ABHIYAN
Webinar	Department of Chemistry, SRM Institute of Science and Technology, Ramapuram Campus, Chennai-89	12/05/2020	A SYSTEMATIC APPROACH TOWARDS MOLECULAR DOCKING AND DRUG DESIGN
E-Quiz	PG Department of Chemistry, A.P.C. Mahalaxmi College for Women, Thoothukudi, Tamilnadu	15/05/2020	STAY HOME STAY SAFE – IFDC QUIZ 2020
E-Quiz	Department of Chemistry, Muqyyath Sha Sirguro Wakf Board College, Madurai	15/05/2020	E-Quiz competition in Chemistry
Webinar	Dr. Zakir Husain College, Ilayangudi – 630 702, Sivagangai District, Tamilnadu	17/05/2020	Modern Teaching Techniques
E-Quiz	Department of Chemistry, Mohamed Sathak College of Arts and Science, Chennai – 600119	22/05/2020	Let's know our Everyday Chemistry
Webinar	Department of Chemistry, The American College, Madurai	29/05/2020	International Webinar on Chemistry
E-Quiz	National Service Scheme, Dr. Zakir Husain College, Ilayangudi – 630 702, Sivagangai District	02/06/2020 to 04/06/2020	E-Quiz on Safety in Post Lockdown Scenario
Webinar	Department of Chemistry, Sacred Heart College, Tirupattur Dist. 635601	06/06/2020	Cheminformatics
Webinar	PG & Research Department of Chemistry, C. Abdul Hakeem College, Melvisharam – 632 509	08/06/2020	Natural Biomaterials for Biomedical Applications
E-Quiz	Department of Chemistry, Syed Hameedha Arts and Science College, Kilakarai	12/06/2020	E-Quiz on Chemistry 2K20

Webinar	Department of Chemistry, Thassim Beevi Abdul Kader College for Women, Kilakarai, Ramanthapuram District	23/06/2020	Current Status and Future Trends of Nanoscale Technology
Webinar	Department of Physics, Dr. Zakir Husain College, Ilayangudi – 630 702, Sivagangai District, Tamilnadu	26/06/2020	Recent Trends in Solar Energy Materials
Webinar	Association of Chemistry Teacher, Mumbai	28/06/2020	Scintillating Chemistry (SC-2020)
Webinar	Division of Chemistry, School of Advanced Sciences, Vellore Institute of Technology, Chennai	29/06/2020	Photocatalysis
Webinar	PG & Research Department of Chemistry, Thiruvalluvar Government Arts College, Andagalur, Rasipuram, Namakkal Dt. Tamilnadu	29/06/2020	Basic Science Behind Medical MRI
E-Quiz	Eco-Friendly Club, T.D.M.N.S. College, T. Kallikulam, Tirunelveli	04/07/2020 to 08/07/2020	National Level E-Quiz contest on "Save Nature for Vigorous Future"
Webinar	PG Department of Tamil, Dr. Zakir Husain College, Ilayangudi – 630 702, Sivagangai District, Tamilnadu	11/07/2020 & 12/07/2020	அயல் தமிழ்ப்பண்பாடு - இலக்கிய வரலாறு எழுதியல்
Webinar	PG Department of Chemistry, VSS Government Arts College, Pulankurichi – 630 405	24/07/2020 & 25/07/2020	Fluorescence Spectroscopy & Current research in Fluorescent Nanomaterials
Webinar	PG Department of Mathematics, Dr. Zakir Husain College, Ilayangudi – 630 702, Sivagangai District	27/07/2020	Basic Concepts of Modern Algebra
Webinar	Department of Computer Science, Thassim Beevi Abdul Kader College for Women, Kilakarai	27/07/2020	How to remain Safe on the Internet
Training cum orientation programme	Department of English and Foreign Languages & Department of Linguistics, Bharathiar University, Coimbatore & Association with TANSCHE	30/09/2020	Training Cum orientation programme
Webinar	Department of Zoology, Padmavani Arts & Science College for Women, Salem – 636011	28/12/2020	Role of Genetics in Medicine

	PG & Research Department of		6 <sup>th</sup> International Conference on
Webinar	Chemistry, Jamal Mohamed College, Tiruchirappalli – 20	12/11/2020	Chemical and Environmental Research (ICCER-2020)
Webinar	Association of Chemistry Teacher, Mumbai & Department of Chemistry, MLSM College, Bihar	29/11/2020 to 01/12/2020	National Convention of Chemistry Teachers & International webcon on "Recent Advances in Chemistry Educational and Chemical Research (IWRACECR-2020)
Webinar	PG Department of Chemistry, VSS Government Arts College, Pulankurichi, Sivagangai District	18/02/2021	Stress, Health & Wellness Management
Webinar	PG Department of Chemistry, VSS Government Arts College, Pulankurichi, Sivagangai District	24/02/2021	Disaster management
Faculty Development Programme (FDP)	PG & Research Department of Chemistry, Vivekanda College, Madurai	12/03/2021	UGC-CPE sponsored "One day Faculty Development Programme on Chemical Sciences"
Webinar	PG & Research Department of Chemistry, Jamal Mohamed College, Tiruchirappalli	06/07/2021	Drug Delivery
Webinar	Department of Chemistry, Thassim Beevi Abdul Kader College for Women, Kilakarai	22/09/2021	Career Opportunities in the Chemistry Field
Workshop	Entrepreneurship Development Cell, Dr. Zakir Husain College, Ilayangudi	5 Days (24/02/2022, 03/03/2022, 10/03/2022, 16/03/2022 & 23/03/2022	Promotional activities of Entrepreneurship
E-Quiz	PG and Research Department of Chemistry, Nirmala College for Women, Coimbatore	16/09/2022	Word Ozone day 2022 E-Quiz
Workshop	Alagappa University, Karaikudi – 630 003, Tamilnadu	03/01/2023	TANSCHE Sponsored "Workshop on NIRF for Affiliated Colleges of Alagappa University, Karaikudi

Seminar	Department of Chemistry and Research Centre, Aditanar College of Arts and Science, Virapandianpatnam – 628 216, Tiruchendur	01/03/2024	International Seminar on "Biomaterial for Advanced Biological Applications"
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# (iii) Papers presented in Seminars / Conferences / Workshops / Training Programmes participated:

International / National / State level	Organizers / Place	Theme of the Seminar	Date	Title of the Paper presented
National	Annamalai University, Annamalai Nagar	"Hetero atom Chemistry"	28 & 29 March 2007	"Synthesis, Characterisation and Antibiological activity of Novel Mannich Bases"
State	PG & Research Department of Chemistry, Jamal Mohamed College, Trichy	"Modern Techniques in Chemistry"	5 & 6 March 2008	"Synthesis, Characterization and antimicrobial activities of a Novel Betti base"
National	Department of Chemistry, CPA College, Bodinayakanur	Emerging Trends in Chemistry" (ETC-2)	24 & 25 July 2008	"Synthesis, Characterization and biological activity of Mannich Base"
National	Indian Institute of Technology (IIT-M) Madras	Chennai Chemistry Conference-2011, Recent Trends in Chemistry	11 to 13 February 2011	"Synthesis, Characterization and Antimicrobial activity of some Novel Mannich Bases derived from N- methylpiperazine"
International	PG & Research Department of Chemistry, Jamal Mohamed College, Trichy	Chemical and Environmental Research (ICCER- 2014)	11 & 12 March 2014	Synthesis, Characterization and Antimicrobial studies of some Mannich Bases derived from Phenylethylamine and their transition metal complexes

National	Department of Chemistry, Coimbatore Institute of Technology, Coimbatore	Advancement in Material Science (AMS 2014)	26 & 27 September 2014	Synthesis, Characterization and Antimicrobial screening of metal complexes of Mannich Bases derived from Benzimidazole
National	PG & Research Department of Chemistry, Jamal Mohamed College, Trichy	Current Scenario in Material Chemistry (CSIMC 2015)	9 & 10 February 2015	Synthesis, Characterization and Biological study Mannich base and its Copper (II) complex
International	PG & Research Department of Chemistry, Jamal Mohamed College, Trichy	Chemical and Environmental Research (ICCER – 2018)	19 December 2018	Synthesis, characterization and antimicrobial activities of metal complexes of a new class of polydentate Mannich bases
National	Department of Chemistry, Dr. Zakir Husain College, Ilayangudi, Sivagangai District	Recent Trends in Biological Nanochemistry (RTBNC-2020)	22 & 23 January 2020	Synthesis, characterization and antimicrobial studies of transition metal complexes using Mannich bases as ligands

## (iv) Details of Invited lectures in Conferences/Seminars/Symposia, etc.

Name of the Programme	Organiser of the Programme	Level: International / National	Topic	Date
NATIONAL LEVEL LMNT EDUCATIONAL MEET	PRITHIV RESEARCH ACADEMY FOR ANCIENT & SCIENTIFIC STUDIES, KERALA	National	"Merits and Demerits of Medicines"	18/12/2020
Faculty Development Programme  "Modern Innovations in Chemical Science and Technology	Department of Chemistry, Syed Ammal Arts and Science College, Ramanathapuram	National	"Recent Advances in the Synthesis of Mannich Base Metal complexes & their Biological Applications"	20/02/2022

Chemistry Association Meeting	Department of Chemistry, Sethupathy Government Arts College, Ramanathapuram	-	Career opportunity for chemistry students	04/06/2022
Inservice Training Programme for Secondary Grade Science Teachers of Ramanathapuram District	TNSCST sponsored & Organized by Government Arts College, Paramakudi	-	How to teach Science effectively	03/01/2024

#### F. Awards won

Name of the Award	Organisers of the Award	Date
-	-	-

#### G. Membership in Board of Studies / Professional bodies:

Name of the University / Autonomous College(s)	Chairman / Member	Period
-	-	-

#### H. Position held in University Exam Related Works:

Name of the University	Chairman / Chief Examiner / Question Setter	Period
Sarah Tucker College, Tirunelveli	Question Setter	2012 – 2013
Jamal Mohamed College, Trichy	Question Setter	2016 – 2017
Vivekanandha College, Tiruchengode, Namakal Dt.	Question Setter	2018 – 2019
Jamal Mohamed College, Trichy	Question Setter	2019 - 2020
Vivekanandha College, Tiruchengode, Namakal Dt.	Question Setter	2020 – 2021
Jamal Mohamed College, Trichy	Question Setter	NOVEMBER - 2022

Jamal Mohamed College, Trichy	Question Setter	APRIL – 2023
Vivekanandha College, Tiruchengode, Namakal Dt.	Question Setter	NOVEMBER - 2023
Jamal Mohamed College, Trichy	Question Setter	NOVEMBER - 2024
Vivekanandha College, Tiruchengode, Namakal Dt.	Question Setter	NOVEMBER - 2024

#### I. Various Positions held in the college so far:

Name of the Position	Period	Achievements
Nodal Officer All India Survey on Higher Education (AISHE)	2017 -2023	Online Survey of our college updated yearly
Coordinator Unnat Bharat Abhiyan (UBA)	2017 -2023	Village survey & Household survey taken uploaded in UBA Website
Nodal Officer Atal Ranking of Institution for Innovative Achievement (ARIIA)	2017 - 2023	Updated yearly
Nodal Officer National Institutional Ranking Framework (NIRF)	2018 – 2023	Updated yearly
Nodal Officer Swachh Bharath Summar Intensive Programme	14/07/2018 and 15/07/2018	Conducted Summer Intensive Programme in Sathani Village
In charge of College Website, Social media and ERP	06/01/2019 onward	Updated frequently
Nominated Faculty, National Innovative Startup Programme (NISP)	2020 -2023	-

#### J. Other Achievements:

❖ Delivered a "Guest Lecture" at the Chemistry Association Meeting held at the Department of Chemistry, Anandha College, Devakottai on 14/09/2014.

- ❖ Acted as a Chief Guest and delivered a special address on the Health Awareness Programme conducted by Prithiv Research Academy for Ancient & Scientific Studies, Trivandrum, held at T. Nagar, Chennai on 19/08/2018.
- ❖ Handled a Laboratory Session in the "Young Students Scientists Programme (YSSP 2019)" conducted from 13/05/2019 to 27/05/2019, organized by Dr. Zakir Husain College, Ilayangudi 630 702, Sivagangai District, Tamilnadu.
- ❖ Acted as a Chief Guest and delivered a special address on the inauguration and Welcome function of first-year M.Com. (Computer Application) held at PG Department of Computer Applications, Dr. Zakir Husain College, Ilayangudi − 630 702, Sivagangai District, Tamilnadu on 09/09/2019.
- ❖ Conducted ACT-CONTECH 2019-20 (2<sup>nd</sup> Phase) on 31/01/2020 for II and III UG Chemistry students nationally.
- ❖ Completed Five-day National Level Online Course on "Chemistry in our Day-to-day life" conducted under the DBT Star College Scheme by the PG and Research Department of Chemistry, Jamal Mohamed College, Tiruchirappalli − 620 020, Tamilnadu, from 04/06/2020 to 08/06/2020.
- \* Reviewed 3 research papers in the "Materials Today: Proceedings (Elsevier)" Journal during the year (2020-21).
- ❖ Acted as a "Student Coordinator & Judge for the Chem. Presentation event" in the AQUA CHEM-2022, organized by the Department of Chemistry, Syed Ammal Arts and Science College, Ramanathapuram on 22/03/2022.
- ❖ Acted as a Coordinator, Jal Shakthi Abhiyan (Catch the rain − 2022) an awareness programme on "Water Conservation" held on 17/04/2022.
- ❖ Acted as a Chief Invigilator in the Combined Civil Service Examination (Group-IV) conducted by TamilNadu Public Service Commission (TNPSC) on 24/07/2022 at our college Centre.
- ❖ Acted as a Chief Invigilator in the Combined Civil Service Examination (Group-IV) conducted by TamilNadu Public Service Commission (TNPSC) on 09/06/2024 at our college Centre.

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