



DR.C.KUMAR, M.Sc.,M.Phil.,B.Ed.,Ph.D.,

EDUCATIONAL QUALIFICATIONS

DEGREE	BRANCH	INSTITUTE	YEAR
B.Sc	Chemistry	Madurai kamaraj University	1998
M.Sc	Chemistry	Madurai kamaraj University	2001
M.Phil	Chemistry	Bharathidasan University	2007
Ph.D.,	Chemistry	Bharathidasan University	2016
B.Ed.,	Physical Science	Madras University	2003

EXPERIENCE

PERIOD	YEAR	DESIGNATION	INSTITUTION
2003-2007	4	PG ASST	RMPS .RMN. HR SEC SCHOOL
2007-2011	4	ASST.PROFESSOR	GTN ARTS COLLEGE
2011-2014	3	VICE PRINCIPAL	BHARATHIYAR MAT.HR.SEC.SCHOOL
2014-2017	3	ADMINISTRATIVE OFFICER	THIRUVALLUVAR EDUCATIONAL INSTITUTIONS
2017 TO STILL NOW		PG ASST	M.L.W.A.HR.SEC.SCHOOL

PUBLICATIONS

LIST OF PUBLICATIONS

1. "Corrosion behaviour of metals in artificial tear solution", **C. Kumar**, A. John Amal Raj and S.K. Selvaraj, Journal of advances in Chemistry, 8(3) (2013) 1716-1735 .
2. "The corrosion inhibition of isonicotinamide (ISN)-Zn²⁺ system controls the corrosion of carbon steel in 1n hydrochloric acid solution", C.Rajarathinam, A.J.Amalraj, **C.Kumar**, APP Regis and S.Rajendran, European Chemical Bulletin, 3(1) 58-62
3. "Corrosion inhibitor aloe vera –nickel system controlling the corrosion of carbon steel in rain water", JW Sahayaraj, **C. Kumar**, S. Rajendran, SK Selvaraj, APP Regis and R. Mohan, European Chemical Bulletin, 2(6) 315-219
4. "Synergistic effect of allium cepa-Zn²⁺ system on the corrosion of carbon steel in ground water", A. John Amal Raj, J. Wilson Sahayaraj, A. Peter Pascal Regis, Arockia Sahayaraj, P. Pandian, P. Johnraj, A. Kasthuri and **C.Kumar**, Scientific Research Publishing, 2013 (2013) 409
5. Corrosion Inhibition by an Aqueous Extract of Sansevieria Roxburghiana for Carbon Steel in 60 ppm of Chloride Environment M. Sakthivel, **C. Kumar**, R. Mohan, S.K. Selvaraj, S. Maria Micheal, A. John Amalraj and J. Wilson Sahayaraj, Chem Sci Rev Lett, 3(11S) (2014), 188-199
6. Anti-Corrosive Effect of Tridax Procumbens – Zn²⁺ System Controlling the Corrosion of Carbon Steel **C. Kumar**, R. Mohan, A. John Amalraj, A. Peter Pascal Regis, C.Rajarathinam, S.K. Selvaraj, Sakthivel and J. Wilson Sahayaraj Journal of Engineering Research and Applications, Vol. 4, Issue 3(6), March 2014, pp.06-12

SEMINARS, WORKSHOPS ATTENDED AND PAPERS PRESENTED

1. CHEMICAL & ENVIRONMENTAL RESEARCH (ICCER-2014), INTERNATIONAL CONFERENCE ON CHEMICAL & ENVIRONMENTAL RESEARCH, HELD AT RESEARCH DEPARTMENT OF CHEMISTRY, JAMAL MOHAMED COLLEGE (AUTONOMOUS), DURING 11-12, MARCH 2014.
2. UGC SPONSORED NATIONAL CONFERENCE ON FRONTIER AREAS IN CHEMISTRY, ORGANIZED BY DEPARTMENT OF CHEMISTRY, THIAGARAJAR COLLEGE, MADURAI, IN ASSOCIATION WITH SCHOOL OF CHEMISTRY, MADURAI KAMARAJ UNIVERSITY ON 26TH AND 27TH FEBRUARY 2015.
3. INTERNATIONAL CONFERENCE ON CHEMISTRY IN SYNERGY WITH MATERIALS AND BIOLOGY (ICMB-2014) HELD AT PG AND RESEARCH DEPARTMENT OF CHEMISTRY, BISHOP HEBER COLLEGE (AUTONOMOUS), TIRUCHIRAPPALLI ON 10TH AND 11TH JANUARY 2014.

4. NATIONAL CONFERENCE ON CURRENT SCENARIO IN MATERIAL CHEMISTRY (CSIMC-2015), HELD AT PG AND RESEARCH DEPARTMENT OF CHEMISTRY, JAMAL MOHAMED COLLEGE (AUTONOMOUS), TIRUCHIRAPPALLI, ON 9TH AND 10TH FEBRUARY 2015.

5. CSIR SPONSORED NATIONAL CONFERENCE ON GLOBAL OPPORTUNITIES FOR RECENT DEVELOPMENTS IN SCIENCE AND TECHNOLOGY, PROTEOFEST 2014, HELD AT DEPARTMENT OF BIOCHEMISTRY, REV. JACOB MEMORIAL CHRISTIAN COLLEGE, AMBILIKKAI, DINDIGUL DISTRICT, ON 8TH FEBRUARY 2014.

ACADEMIC ACHIEVEMENTS

Since Academic year 2019-2020 for the past 5 years 100 % pass in chemistry with an average of around 67% marks.

OTHER ACHIEVEMENTS

CSIR-Structural Engineering Research Centre Skill and Human Resource Development Division
Result of JIGYASA student competitions 2023-2024

TECHNOVATION (Class 9-12) – Team event - Winner's List (Consolation Prize)

Magnetic Separation Ajithkumar J Muthuraj B Rishipandi L 12 Madurai Labour Welfare Association Higher Secondary School, Madurai District.