



# Kirori Mal College

(University of Delhi)

University of Delhi, Delhi-110007

(Phone No. - 011-7121 9084 : Email - principal@kmc.du.ac.in)



Print Date : 15-02-2026

## 1. Personal Profile

Title: Dr. First Name: **MAYANGLAMBAM** Last Name: **RAMANANDA SINGH**



Designation: **PROFESSOR** Mobile No. -----

Phone No. (Office) ----- Phone No. (Residence): -----

Email: **rsingh@kmc.du.ac.in** Webpage: -----

Facebook: ----- Twitter: -----

LinkedIn: ----- Instagram: -----

Youtube: ----- Research Gate Link: -----

Google Scholar Link: -----

Address: -----

## 2. Educational Qualifications

Degree/ Certification	Institution	Year
M.Sc. Chemistry	Delhi University	2002
Ph.D	University of Delhi	2007
M.Sc. (Chemistry)	University of Delhi	2002
B.Sc. (Hons.) Chemistry	Hans Raj College, University of Delhi	2000
Ph.D	University of Delhi	2007

## 3. Career Profile & Administrative Assignments

Category	Role/ Designation	Department/ Committee	Date From - To	Remarks
CAREER PROFILE	TEACHER-IN-CHARGE	CHEMISTRY KIRORI MAL COLLEGE, DELHI	01.May.2013 - 30.Apr.2014	
CAREER PROFILE	NODAL OFFICER	SC/ST CELL KIRORI MAL COLLEGE, DELHI	15.Dec.2019 - 14.Dec.2021	
ADMINISTRATIVE ASSIGNMENTS	COORDINATOR	OTHERS KIRORI MAL COLLEGE, DELHI	06.Nov.2015 - 22.Jun.2016	

ADMINISTRATIVE ASSIGNMENTS	SECRETARY	OTHERS KIRORI COLLEGE, DELHI	MAL	01.Jun.2018 - 01.Apr.2021	
ADMINISTRATIVE ASSIGNMENTS	SECRETARY STAFF COUNCIL	OTHERS KIRORI COLLEGE, DELHI	MAL	01.Jul.2018 - 30.Apr.2021	
ADMINISTRATIVE ASSIGNMENTS	COORDINATOR	IQAC KIRORI MAL COLLEGE, DELHI		01.Aug.2021 - 31.Jul.2023	

#### 4. Other Profiles

##### Other Profile Name/ Description

##### MEMBERSHIPS IN ACADEMIC/ PROFESSIONAL BODIES

Member, Academic Council, University of Delhi, Delhi-110007 from 2015-2017

##### MEMBERSHIPS IN ACADEMIC/ PROFESSIONAL BODIES

Member, Academic Council, University of Delhi, Delhi-110007 for 2017-2019

##### WORKSHOP/ SEMINAR/ CONFERENCE/ WEBINAR ORGANIZED

1st National conference on emerging trends and future challenges in chemical science (ETFC-2016) was organised on feb. 3-4, 2016 by department of chemistry, Kirori Mal College

##### WORKSHOP/ SEMINAR/ CONFERENCE/ WEBINAR ORGANIZED

THE NATIONAL CONFERENCE ON ETFC-2020 FROM 10TH JANUARY -11 JANUARY, 2020 ORGANISED AS CONVENER

##### FACULTY DEVELOPMENT PROGRAM (FDP) ORGANIZED

FACULTY DEVELOPMENT PROGRAM ON ENVIRONMENT SCIENCES AND PUBLIC HEALTH FROM 1ST-5TH FEB. 2022

##### CERTIFICATE COURSE/ SHORT TERM COURSE ORGANIZED

CERTIFICATE COURSE IN METAGENOMICS AND BIOINFORMATICS BY IQAC IN ASSOCIATION WITH PHIXGEN PVT. LTD. FROM 1ST JULY - 19TH JULY 2022

#### 5. Research Guidance

Year	Guide For	Title of the Dissertation/ Thesis	Scholar Name	Status
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#### 6. Research Projects

Year	Title of Project	Sponsorship Agency	Duration	Amount Sanctioned	Date of Sanction
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#### 7. Publications

Category	Publication Name	Title	Name of Author	Reference Link/ DOI Link	Publication (Month-Year)
JOURNAL PAPER (International)	The litchi ( <i>Litchi Chenensis</i> ) peels extract as a potential green inhibitor in prevention of mild steel in 0.5 H <sub>2</sub> SO <sub>4</sub> solution	Arabian Journal of Chemistry	M. Ramananda Singh, Prachi Gupta and Kaushal (Corresponding Author)	10.1016j.arabc.2015.01.002	September 2019
JOURNAL PAPER (International)	Synthesis of Cu@Cu <sub>2</sub> Fe <sub>2</sub> O <sub>4</sub> nano composite and its application as an efficient catalyst for the production of oxygen	Applied Surface Science Advance	Kalpita Baruah, Arun Kant, Panmei Gaijon, Sudipta Ghosh, M. Ramananda Singh (Sole Author, Corresponding Author)	10.1016j.apsad.2021.100130	July 2021
JOURNAL PAPER (International)	The litchi (litchi chemists) peels extract as a potential green inhibitor in prevention of corrosion of mild steel in 0.5 M H <sub>2</sub> SO <sub>4</sub> solution	Arabian Journal of Chemistry	M. Ramananda Singh, Prachi Gupta & Kaushal Gupta (First Author)	10.1016j.arabjc.2015.01.002	December 2019
JOURNAL PAPER (International)	Synthesis of valuable transition metal incorporated framework aluminosilicates using waste material fly ash	Chemical Science Review and Letters	Arun Kant, M. Ramananda Singh, Sudipta Ghosh & Panmei Gaijon (Joint Author)		December 2019
JOURNAL PAPER (International)	Synthesis of Cu@CuFe <sub>2</sub> O <sub>4</sub> nano composite and its application as an efficient catalyst for the production of oxygen	Applied Surface Science Advances	Kalpita Baruah, Arun Kant, Panmei Gaijon, Sudipta Ghosh & M. Ramananda Singh (Corresponding Author)	10.1016j.apsadv.2021.1000130	June 2021

JOURNAL PAPER (National)	Elsholtzia Griffith as an eco-friendly anticorrosive inhibitor of mild steel under acid medium	Material Chemistry and Physics	Pebam Sanjeeta Devi, Arun Kant, Panmei Gaijon, Sudipta Ghosh, Neelu Dheer, Rajni Kanojia, Prashant Singh and M. Ramananda Singh (Corresponding Author)	10.106/j.matchemphys.2023.127776	April 2023
JOURNAL PAPER (International)	Synthesis, characterisation of the valuable hydroxysodalite and its application for remediation of toxic dye: Rhodamine B	European Chemical Bulletin	Panmei Gaijon, M. Ramananda Singh, Sudipta Ghosh and Arun Kant (Joint Author)	10.31838/ecb/2023.12.4.055	April 2023
JOURNAL PAPER (International)	Photodegradation of methylene blue and rhodamine B using potato starch mediated zinc oxide nanoparticles and its calcium nano composites: Greener approach	Applied Chemical Engineering	Darshan Singh, Anuradha, Surendra Kumar, Amar Kumar, Neelu Dheer, M. Ramananda Singh, Rajni Kanojia, Sangeeta Kaul, Ishwar Prasad Sahu (Joint Author, Corresponding Author)	10.24294/ace.v6i1.1998	July 2023
JOURNAL PAPER (International)	Unravelling groundwater contamination and health-related implications in semi-arid and cold regions of India	Elsevier	Ratandeep, Akshat Bhanu Dharmani, Manisha Verma, Sanjeeta Rani, Anita Narang, M. Ramananda Singh, Laishram Saya, Sunita Hooda (Joint Author)	10.1016/j.jconhyd.2024.104303	January 2024

JOURNAL PAPER (International)	Recent advances in sensing toxic nerve agents through DMMP model simulant using diverse nanomaterials-based chemical sensors	Talanta	Laishram Saya, Ratandeep, Bipasa Arya, Kanjika Rastogi, Manisha Verma, Sanjeeta Rani, Prasanta Kumar Sahu, M. Ramananda Singh, W. Rameshwor Singh, Sunita Hooda (Joint Author)	10.1016/j.talanta.2024.125785	February 2024
JOURNAL PAPER (International)	Miniaturized droplets flow reactor for one-step highly controlled synthesis of SnO <sub>2</sub> quantum dots at room temperature	Engineering Research Express	Vibhav Katoch, Naveen Kumar Arjunan Shanmugam, Alisha Rohal, M Ramananda Singh, ManishKaushal and BhanuPrakash (Joint Author)	10.1088/2631-8695/ad26dd	February 2024
JOURNAL PAPER (International)	Anticorrosive activity of Melothria perpusilla: A renewable and sustainable inhibitor	Materials Chemistry and Physics	Arun Kant, Panmei Gaijon, Sudipta Ghosh, M. Ramananda Singh (Corresponding Author)	10.1016/j.matchemphys.2024.129798	August 2024
CHAPTER (International)	Progressive functions of ionic liquids in polymer chemistry	ELSEVIER	Panmei Gaijon, Arun Kant, Sudipta Ghosh, M. Ramananda Singh (Joint Author)	10.1016/B978-0-323-99921-2.00010-0	March 2023
CHAPTER (International)	Wearable Supercapacitors	Wiley	Pretty Ahuja, Sanjeev Kumar Ujjain, M. Ramananda Singh, Neelu Dheer, Rajni Kanojia (Joint Author)		October 2023

RESEARCH PAPERS (International)	Self-aggregation behavior of well-defined PEO-based amphiphilic tri-block copolymers and their application as metal detectors	JOURNAL OF MACROMOLECULAR SCIENCE, PART A: PURE AND APPLIED CHEMISTRY	Palash Jyoti Das, Vishnu Kumawat, Manisha Singla, M. Ramananda Singh & Subash Chandra Mohapatra (Joint Author)	<a href="https://doi.org/10.1080/10601325.2024.2431933">https://doi.org/10.1080/10601325.2024.2431933</a>	December 2024
RESEARCH PAPERS (International)	Electrochemical and theoretical studies of 1-(pyridyl-2-azo)-naphthol-2 for control of corrosion of mild steel under H <sub>2</sub> SO <sub>4</sub> environment	Sustainable Chemistry for the Environment	Rajni Kanojia a O, Sunita Hooda", Bipasa Arya", Amal Joshy", Neeti Misra" M. Ramananda Singh d,* , Shramila Yadav', Sangeeta Kaul O, Neelu Dheer", Himanshu, (Corresponding Author)	<a href="https://doi.org/10.1016/j.scenv.2024.100202">doi.org/10.1016/j.scenv.2024.100202</a>	December 2024
RESEARCH PAPERS (International)	Allyl triphenyl phosphonium bromide, an ionic liquid as an eco-friendly and green inhibitor for corrosion of aluminium in hydrochloric acid: Mechanistic insights and experimental validation	Sustainable Chemistry for the Environment	Mansi Y. Chaudharya , Meenakshi Gupta b, * , Prerna Bansal a , Yudhvir S. Sharma a , Neelu Dheer c , Arun Kant d , M. Ramananda Singh d , Shramila Yadav (Joint Author)	<a href="https://doi.org/10.1016/j.scenv.2025.100206">doi.org/10.1016/j.scenv.2025.100206</a>	January 2025

## 8. Books

Category	Book Name	Title	Name of Author	ISSN/ ISBN Number
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## 9. Faculty Achievements

Year	Category of Achievement	Role	National/ International etc.	Name	Date From-To
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2017	SEMINAR ATTENDED	ASSISTANT PROFESSOR	National	Environment, sustainability development and future perspective in northeast India: epic and epic dynamics	02.Oct.2017 - 03.Oct.2017
2017	SEMINAR ATTENDED	ASSISTANT PROFESSOR	National	Environment, sustainability development and future perspective in northeast India: epic and epic dynamics	02.Oct.2017 - 03.Oct.2017
2017	SEMINAR ATTENDED	ASSISTANT PROFESSOR	National	Environmental sustainability and conservation: issues and challenges in 21st century	15.Nov.2017 - 15.Nov.2017
2018	INVITED LECTURES/ RESOURCE PERSON/ PAPER PRESENTATIONS ATTENDED	ASSISTANT PROFESSOR	University	DU PRE-ENTRANCE SUMMER SCHOOL-2018	01.Jun.2018 - 16.Jun.2018
2019	WORKSHOP/ SEMINAR/ CONFERENCE ATTENDED	ASSISTANT PROFESSOR	University	WORKSHOP CUM ORIENTATION PROGRAMME ON LEADERSHIP IN EDUCATIONAL ADMINISTRATION FOR ACADEMIC ADMINISTRATORS IN UNIVERSITIES AND COLLEGES	04.Jul.2019 - 26.Jul.2019
2019	INVITED LECTURES/ RESOURCE PERSON/ PAPER PRESENTATIONS ATTENDED	ASSISTANT PROFESSOR	International	iINDIAN ANALYTICAL CONGRESS-2019	12.Dec.2019 - 12.Dec.2019
2020	FACULTY DEVELOPMENT PROGRAM ATTENDED	ASSISTANT PROFESSOR	College	ICT: INSTRUCTIONAL DESIGN, DEVELOPMENT AND LEARNING ANALYTICS	24.Jul.2020 - 30.Jul.2020
2020	INVITED LECTURES/ RESOURCE PERSON/ PAPER PRESENTATIONS ATTENDED	ASSISTANT PROFESSOR	National	RELATIONSHIP BETWEEN CHEMICAL SCIENCES AND SOCIETY	16.Jan.2020 - 17.Jan.2020
2021	INVITED LECTURES/ RESOURCE PERSON/ PAPER PRESENTATIONS ATTENDED	ASSISTANT PROFESSOR	University	ONLINE FACULTY DEVELOPMENT PROGRAM	09.Aug.2021 - 13.Aug.2021
2021	FACULTY DEVELOPMENT PROGRAM ATTENDED	ASSISTANT PROFESSOR	National	THE CATALYST FOR CHANGE	14.Jul.2021 - 28.Jul.2021
2021	WEBINAR ATTENDED	ASSISTANT PROFESSOR	National	IMPLEMENTATION OF ACADEMIC BANK OF CREDITS	10.Jul.2021 - 10.Jul.2021
2022	WORKSHOP/ SEMINAR/ CONFERENCE ATTENDED	ASSISTANT PROFESSOR	National	NIRF INDIA RANKINGS-2022	05.Jan.2022 - 06.Jan.2022

2023	SEMINAR ATTENDED	ASSOCIATE PROFESSOR	National	BRIDGE-2023	16.Aug.2023 - 16.Aug.2023
2023	INVITED LECTURES/ RESOURCE PERSON/ PAPER PRESENTATIONS ATTENDED	ASSOCIATE PROFESSOR	International	BASICS, ANALYTICAL AND ALLIED SCIENCES AT THE INTERFACE OF CARBOHYDRATES AND BIOMASS VALORISATION	30.Nov.2023 - 02.Dec.2023

**Dr. MAYANGLAMBAM RAMANANDA SINGH**