

Profile of the Staff

1. Name : Dr N J Solomon Babu
2. Designation : Reader
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5. Employ ID : 0667845
6. Date of Joining the College: 01-06-1984
7. Academic Qualifications: M. Sc., Ph. D.
8. Work Experience: 40 years



9. **Publications:**

1. Kinetics and mechanism of consecutive oxidation by acid periodate and iodate catalysed by Mn(II) and I⁻. **Russian journal of physical chemistry**, vol. 71, no.8(1997), pp1233 to 1238
2. Kinetics of Ru(III) catalysed oxidation of malonic acid by acid bromite. **Journal of Indian chemical society** 73(1996)195
3. Kinetics of Ru(III) Catalysed oxidations of malonic acid iodate. **Journal of institution of chemists** 688(1996)81
4. Kinetics of oxidation of oxalic and malonic acids by trichlorisocyanuric acid. **Oxidation communications**, 23 No.1,86-92(2000)
5. Kinetics of oxidation/halogenations of nitrophenols and phenolic acids by trichloroisocyanuric acid. **Oxidation communication**25, No.4,571-78(2002)
6. Role of stress management in the success of sports persons, **International Journal of Law, Education, Social and sports studies**, 2394-9724, 2015, 258-260
7. Photo catalytic studies of grapheme oxide-zinc oxide Nano composites, **Indian journal of research in pharmacy and Biotechnology**, 2321-5674, 2016, 302
8. Photocatalyst studies of copper ferrite core Graphene oxide- TiO₂ Nano composites, **Proceedings on recent trends in chemical services: Global prospective and progress**, 978-93-5265-436-9, 2016, 103
9. Evaluation of Corporate social responsibility expenditure in India, **National seminar on corporate social responsibility by ANU**, 978-93-85518-08-9, 2017, 58-62
10. Mass production of Nano Crystalline Ceramics using Inorganic precursors by FSP for industrial applications, **National seminar on recent advances in Chemistry by JMJ College**, 978-93-85101-29-8, 2017, 23-26

11. Study of Diverse low emissivity glass materials for Indian green building construction, **International Conference on materials for energy and environmental protection by C R Reddy College, Eluru, 2018**

RC and OC

- OC in University of Hyderabad
- RC in ANU
- RC in University of Summer Hill, Simla, Himachalpradesh.
- RC in University of Burdwan, West Bengal

FDPs

- 1-day FDP organized by J.M.J.College for Women on 22-11-2019
- 3 day FDP from Bapatla College of Pharmacy, Bapatla from 26-6-2020 to 28-6-2020.
- 7 day FDP from Alagappa University, Karaikudi,Tamilnadu, from 1-6-2020 to 7-6-2020
- 5 day FDP from Sir. C.R.Reddy College, Eluru, AP., from 19-5-2020 to 23-5-2020
- 2-day FDP, organized by Andhra University, Visakhapatnam, from 5-6-2020 to 6-6-2020
- 5 day FDP in chemistry from Commissionerate of collegiate education- Govt. of AP. (A.C. College, Guntur), from 1-7-2020 to 5-7-2020
- 1-day FDP organized by J.K.C.College, Guntur on 29-5-2020
- 5-day FDP organized by J.M.J.College for Women,Tenali, from 7-3-2022 to 11-3-2022
- 6- day FDP organized by J.M.J. College for Women, Tenali, from 21-11-2022 to 26-11-2022
- 7- day FDP organized by Andhra Christian College, Guntur, in collaboration with APSCHE, from 9-9-2020 to 15-9-2022
- 1-day FDP organized by V.S.R. & N.V.R College, Tenali, A.P. on 1-7-2020
- 2- day FDP organized by A.C.College, Guntur, on 15th & 16th June 2020
- 2-day FDP in Chemistry, organized by A.C. College, Guntur, on 7th & 8th August 2020
- 1-day in Chemistry organized by Andhra Loyola College, Vijayawada, on 6th August 2020
- 1-day FDP organized by Chaitanya University, Hanamakonda, Warangal, Telangana on 1st August 2020
- 3-day FDP organized by P.B.Siddartha College of Arts & science, Vijayawada, Krishna University from 22-9-2022 to 24-9-2022
- 5- day FDP (interdisciplinary) organized by Sri Subbaraya & Narayana College, Narasaraopet in collaboration with Commissionerate of Collegiate Education, Govt. of A.P. from 7-8-2023 to 11-8-2023

Administrative responsibilities:

- HOD, Chemistry, A C College from 2018-2021
- HOD, Chemistry, YA Government Degree College in Chirala in 2021
- Chief Superintendent, IPE from 2011-2014
- Chairman, Celebrations committee of A C College from 2012-2013
- Coordinator for sponsored prizes and awards since 2007
- Chairman, BOS of Chemistry, ANU from 2018-2021
- Member, BOS, Government college for women
- Member, BOS, JMJ College for women, Tenali from 2008-2010
- Co chairman, Anniversary committee for the years 2017 & 2020
- Member, admissions committee
- Member, NAAC committee
- Master trainer, General elections 2009
- Paper setter for Maris stella college from 2016-2017
- Attended advanced leadership training program organised by Haggai institute in November 2011 in Chiang mai, Thailand
- Convener, International webinar on trends in Chemical research in 2020
- Academic coordinator, YA Government Degree college for women in 2021
- One of the authors of Bilingual textbooks of Chemistry for semester 3 published by APSCHE
- Coauthor of 1st and 2nd B.Sc guides