

BIO DATA

1. Name: Dr SB Ronald
2. Designation: Reader
3. Subject: Chemistry
4. Specialization: Inorganic Chemistry
5. Qualifications: M.Sc., Ph.D
6. Date of award of Ph.D 26-12-2002
7. Name of the College: Sri ASNM Govt.Degree College (A), Palakol
8. Teaching Experience: 30 years
9. Research Experience 2 years
10. No. of Orientation Courses attended: 01
11. No. of Referresher Courses attended: 04
12. No. of Refresher Courses attended in NCC (Navy) 02
13. No. of NCC Camps(CATC) attended: 9
14. No. of Adventure camps at National level: 02
15. No. of FDP Courses attended: 02
16. No. of Workshops (UGC) Conducted: 01
17. No. of Webinars conducted: 02
18. No. of Publications 10
19. No. of Papers presented in Seminars: 17
20. No. of Workshops attended: 05



Administrative Experience:

- 1) HOD, Chemistry Sri YN College (A), Narsapur for 2 years
- 2) Vice Principal Sri YN College (A), Narsapur for 6 months
- 3) Staff Representative on Governing Body, Sri YN College, Narsapur for 2Years
- 4) NCC Officer & Divisional Commander NCC (Navy), 7 (A) Naval Unit, Kakinada group at the rank of Lieutenant for 25 Years
- 5) Coordinator Indira Gandhi National Open University (IGNOU), New Delhi, Study Centre, Sri YN College, Narsapur for 3Years
- 6) Autonomous Exams Committee Convener, Sri YN College, Narsapur for 3Years for 3 years.

List of papers presented in Seminars

S.N	Name of the Seminar	Sponsored	Dates	Organized by (Place)	Title of the paper presented
1	ATMOSPHERIC & OCEANIC PHYSICS – THE PRESENT AND FUTURE	State	18 th & 19 th Dec, 2004	Sri YN College, Narsapur	ATMOSPHERIC EFFECT- A GLOBAL HAZARD
2	BEST PRACTICES IN TEACHING, LEARNING AND EVALUATION	State	15 th & 16 th Oct, 2005	Sri YN College, Narsapur	MAKING CURRICULA MORE RELEVANT
3	ROLE OF CHEMISTRY IN MODERN DRUG DISCOVERY	State	24-11-2006	DNR College Bhimavaram	ROLE OF MODERN DRUGS IN OUR DAILY LIFE
4	GANDHIJI AND RURAL DEVELOPMENT”	National	01-12-2006	Gandian Study Centre Sri YNC, Narsapur	THE FUTURE OF KHADI
5	NATURAL CALAMITIES- ROLE OF SCIENTISTS AND ADMINISTRATORS	National	02-02-2008	Sri YN College, Narsapur	DISASTER MANAGEMENT IN UP

6	GLOBAL WARMING	National	05-07-2008	KGRL College, Bhimavaram	GLOBAL WARMING – A GLOBAL HAZARD”
7	APPLICATIONS AND IMPACTS OF CHEMICALS IN DAY TO DAY LIFE IN PARTICULAR TO PHARMACEUTICALS AND AGRICULTURE	UGC	18-07-2009	SVRK Govt Degree College(Men) Nidadavole	DETERMINATION OF NABUMETONE IN PHARMACEUTICAL FORMULATIONS USING IODINE AS EXIDIZING AGENTS
8	TRANSGENIC CROPS-TECNOLOGY OF THE MILLENNIUM	National	29 th & 30 th June, 2013	Department of Botany, Sri YN College, Narsapur	TRANSGENIC CROPS-COMMERCIAL APPLICATIONS AND ADVANTAGES
9	GREEN CHEMISTRY PRACTICES IN DRUGS & ADVANCED MATERIAL DEVELOPMENT	National	20 th & 21 st Dec, 2013	Department of Chemistry, Dr.V.S.Krishna Govt. Degree & P.G.College(A)	GREEN SYNTHESIS
10	RECENT TRENDS IN CLIMATIC CHANGES AND MANAGING STRATEGIES	Regional	22-02-2014	Department of Physics, Sri YN College, Narsapur	EMERGENCY MANAGEMENT
11	RECENT TRENDS IN SPECTROSCOPY 2014	National	11-12-2014	DNR College (A) Bhimavaram	SPECTROPHOTOMETRIC DETERMINATION OF DOBUTAMINE USING SODIUM METAPERIODATE
12	PROMOTING EXCELLENCE IN HIGHER EDUCATION ISSUES AND CHALLENGES	National	8 th & 9 th Jan, 2016	Sri YN College, Narsapur	QUALITATIVE METHODS IN RESEARCH ON TEACHING
13	ADVANCED TECHNIQUES IN CHEMICAL RESEARCH	National	30 th & 31 st Jan, 2016	Department of Chemistry SKSD Mahila Kalasala UG & PG (A) Tanuku	SPECIATION BY COMPUTER MODELING
14	RECENT ADVANCE IN SPECTROSCOPY TECHNIQUES	National	19 th & 20 th Feb, 2016	KGRL. Govt. Aided Degree College, Bhimavarm	CHARACTERIZATION OF DIAMOND FILMS BY RAMAN SPECTROSCOPY

15	ENVIRONMENTAL PROTECTION AND SUSTAINABLE DEVELOPMENT ISSUES AND CHALLENGES	National	22 nd & 23 rd Sep, 2016	Departments of Chemistry, Botany & Zoology, Sir C R Reddy Autonomous College, Eluru	NEED TO ACT ON CLIMATE CHANGE
16	ENERGY AND ECOLOGY	National	4 th & 5 th Oct, 2016	Interdisciplinary, Sir C R Reddy Autonomous College, Eluru	SOLAR ENERGY
17	INSTITUTIONAL QUALITY MAINTENANCE AND IMPORVEMNT	UGC National	21 st & 22 nd Jan 2017	Ideal College of Arts and Sciences, Kakinada	MAINSTREAM PERSPECTIVE IN RESEARCH ON TEACHING

LIST OF WORK SHOPS ATTENDED

S.N	WORK SHOP ON	LEVEL	DATES	ORGANISED BY
1	TRENDS AND PROSPECTS OF ENVIRONMENTAL EDUATION	STATE	15-02-2005	JOINTLY ORGANISED BY DEPARTMENT OF ENVIRONMENTAL STUDIES, COLLEGE OF ENGINEERING GITAM, VISAKHAPATNAM AND MSN DEGREE COLLEGE, KAKINADA
2	25 YEARS OF AUTONOMY: ISSUES, ACHIEVEMENTS AND CHALLENGES	STATE	23-02-2013	INTERNAL QUALITY ASSURANCE CELL, SRI YN COLLEGE (A), NARSAPUR
3	INSTRUMENTATION-CHEMISTGRY PRACTICAL – PAPER IV	STATE	21-11-2014	DEPARTMENT OF CHEMISTRY, SIR C R REDDY AUTONOMOUS COLLEGE, ELURU AND DRC
4	LIGHT EMITTING DEVICES & MATERIALS (LEDM – 2015)	STATE	20-11-2015	DEPARTMENT OF PHYSICS, GOVERNMENT COLLEGE (A) RAJAHMUNDRY.
5	DYNAMICS OF TEACHING, LEARNING ACTIVITY IN THE PRESENT CONTXT	STATE	11-11-2016	SRI DASARI NARAYANA RAO GOVT. DEGREE COLLEGE FOR WOMEN , PALAKOL

List of Publications:

1. Effect of solvent on protonation equilibria of L-glutamine and succinic acid.
J.Indian Chem.Soc., Vol.79, May, 2002, PP. 416-419. ISSN: 0019-4522
G. Nageswara Rao and **S.B. Ronald**.
2. Speciation of Calcium (II) and Magnesium (II) complexes of L-glutamine and succinic acid in Ethyleneglycol-water mixture. J.Indian Chem.Soc., Vol.79, October, 2002, PP.796-798.
ISSN: 0019-4522 G. Nageswara Rao and **S.B. Ronald**.
3. Speciation of ternary complexes of Calcium (II) and Magnesium (II) with L-glutamine and succinic acid in Ethylene glycol-water mixtures.
J.Indian Chem.Soc., Vol.79, October 2002, PP.799-801. ISSN: 0019-4522
S.B. Ronald and G. Nageswara Rao.
4. Speciation of Ternary Complexes of Calcium (II) and Magnesium (II) with L-Glutamine and Succinic Acid in Acetonitrile-Water Mixtures.
Proc.Nat.Acad.Sci.India,72(A)IV(2002) PP 301-313 . ISSN: 0369-8211
S.B. Ronald and G. Nageswara Rao.
5. Speciation studies of Calcium(II) and Magnesium(II) complexes of L-Glutamine and Succinic acid in Acetonitrile-water mixture. Proc.Nat.Acad.Sci. India 74(A) III (2004) PP 245-251
ISSN: 0369-8211 G.Nageswara Rao and **S.B.Ronald**.
6. Speciation by Computer Modeling
International Journal of Academic Research Vol.3, issue-1(3) Jan, 2016, PP 121-126
ISSN: 2348-7666 Dr.B.Ananda Kumar, Dr.PSNH Ramachandra Rao, and **Dr. SB Ronald**
7. Qualitative Methods in Research on Teaching
International Journal of Academic Research Vol.3, issue-2(1) Feb, 2016, PP 63-69 ISSN: 2348-7666
Dr. SB Ronald, Dr.PSNH Ramachandra Rao, Dr.B.Ananda Kumar and Dr.GSVS Sai Baba
8. Need to Act on Climate Change
International Journal of Engineering Research Vol.4, S2, 2016, PP 117-121. ISSN: 2321-7758
Dr. SB Ronald, Dr.PSNH Ramachandra Rao, Dr.B.Ananda Kumar
9. Solar energy
Energy and Ecology, Roshan Publications PP 187-191 (2016) ISBN: 978-93-86251-20-6
. Dr.B.Ananda Kumar, **Dr. SB Ronald** and Dr.PSNH Ramachandra Rao
10. Atmospheric Effect-A Global Hazard
Research Review International Journal of Multidisciplinary UGC Listed Journal
ISSN: 2455-3085(online) Dr.SB Ronald, Dr. PSNH Ramachandra Rao, Dr. B.Ananda Kumar