

PERSONAL PROFILE OF DR. G. SAILAJA

1. Name : Dr. G. SAILAJA
2. Qualification: M.Sc., M.Phil., Ph.D.,
3. DATE OF BIRTH: 18-03-1960

| | CLASS | YEAR OF PASSING | DIVISION |
|------|-----------|-----------------|----------------------------------|
| S.NO | DEGREE | YEAR | UNIVERSITY |
| | B.Sc. | 1979 | S.V.U. |
| | M.Sc. | 19 81 | S.K.U. |
| 1. | M. Phil., | 1984 | S.K.U. |
| 2. | Ph.D., | 1988 | S.K.U. |
| | | | SUBJECT & TOPIC |
| | | | CHEMISTRY, PHYSICS AND ZOOLOGY |
| | | | ORGANIC CHEMISTRY |
| | | | Synthetic Studies on Coumarines |
| | | | Kinetics of Redox Polymerization |

4. RESEARCH EXPERIENCE: 5 YEARS CSIR JRF & SRF

5. RESEARCH PUBLICATIONS:

National Referred Journals: 04

International Referred Journals: 03

Total : 07

| S.NO. | TITLE OF PAPER | NAME OF THE JOURNAL VOLUME & YEAR |
|-------|---|--|
| 1 | Synthesis of 7-Ethoxy-3-substitued-aminomethyl-4- methyl Coumarins | I.J.C.,Vol. 24B, Feb 1985, pp. 206-207. |
| 2 | Determination of Microgram Quantities of Zirconium(IV) by a Polarographic Catallytic Method | J. Electrochem. Soc. India 34-3-4 (1985) |
| 3 | Determination of microgram quantities of Co(II) by a Polarographic Cataytic Method | J. Indian Inst. Sci., 66, May 1986. pp 337-338. |
| 4 | Redox Polymerization- Kinetics of Polymerization of Acrylamide initiated by Mn(III)-Citric Acid Redox System. | Polymer International 32 (1993) 165-169. |
| 5 | Polarographic Catlytic Method for the determination of microgram quantities of Fe (II). | J. Indian Inst. Sci., 88, May, 2008, pp 234-235. |
| 6 | Polarographic Catalytic Reduction of Iodine | J. Electrochem. Soc. India 123-4 (2010). |

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| 7. | Monoacetate by Nickel (II) Kinetics of Polymerization of Methyl Methacrylate initiated by Mn(III)-Citric acid Redox System | R.J.C., Vol.3 No.2 (2010) 321-28 Accepted for Publication in Journal of Pharmacy and Chemistry |
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6. AWARDS RECEIVED:

A.P. STATE BEST TEACHER AWARD -2010

7. Date of Joining as Lecturer :

02-03-1995 Through APCSC

8. SERVICE AS LECTURER

1995-2005

SKP GOVT. COLLEGE , GUNTAKAL

2005-2015

GOVT. COLLEGE (M), ANANTHAPUR

4-9-2015 TO TILL DATE

GOVT. DEGREE COLLEGE, URAVAKONDA

9. PROJECTS COMPLETED:

| S.NO. | TITLE OF THE PROJECT | AMOUNT | AGENCY & SANCTION DATE | CAPACITY |
|-------|---|----------|---------------------------|---------------------------|
| 1. | Synthesis, Characterization & Biological Screening of Pyrazole Heterocyclics | 1.6 Lakh | U.G.C. Sept. 2009 | Co- Investigator |
| 2. | Medicinal Chemistry of Endemic & Endangered Plants in Rayalaseema Region | 2.0 Lakh | U.G.C. May 2010 | Principal Investigator |

10. NATIONAL SEMINARS ORGANIZED:

- i) Acted as **Education Wing Coordinator** in the National Symposium on “**Sri Sathya Sai Education in Universal Human Values**” on 8th October 2008 held at Govt. Degree College, Anantapur.
- ii) Acted as **Convenor** in the UGC sponsored National Seminar on “**Emerging Trends in Biotechnology**” held on 4-5 December 2009 , Govt. Degree College, Anantapur.
- iii) Acted as **Group Coordinator for the Material Chemistry** Exhibit in the Exhibition on “**Chemistry in Daily Life**” conducted in GDC, Anantapur from 31-1-08 to 2-2-08.
- iv) Acted as **Group Coordinator for the Food Materials** Exhibit in the Exhibition on “**Chemistry of Essential Commodities**” conducted in GDC, Anantapur from 28-8-09 to 30-8-09.
- v) Acted as Convenor in the UGC & APSCHE sponsored National Seminar entitled “Nano Technology and Global Perspectives” held on 30-31 January 2015 , Govt. College (M), Anantapur

11. SEMINARS / CONFERENCES ATTENDED AND PRESENTED PAPERS: 13

| S .NO. | NAME OF SEMINAR | DATE | PLACE | PAPER TITLE |
|--------|-----------------------------|------------|--------------------|--|
| 1 | SYMPOSIUM | 25-09-05 | SPS, Hyderabad | ----- |
| 2 | NS on QAHE | 17-06-06 | GDC, ATP | ----- |
| 3 | NS on RCEABI | 24-25/3/06 | SKU, ATP | ----- |
| 4 | NS on RDGC | 25-8-2007 | KU, Coimbatore | Green Chemistry- Electrochemical Processes |
| 5 | ISC Annual Meet | 3-7/1/2008 | AU, Vizag | Kinetics of Redox Polymerization- |
| 6 | NS on RTATOS | 3-2-2008 | PVKN GDC, Chittoor | Methylacrylate-Mn(III)/Citric acid |
| 7 | NS on SFQEHE | 1-2/3/2008 | GDC, ATP | Environmental Benign Organic Synthesis- Green Chemistry |
| 8 | NS on MTAMA | 25-27/3/08 | SKU, ATP | Quality Enhancement through Accountability |
| 9 | NS on RMRP | | SRRGC, Karimnagar | Enforcement |
| 10 | NS on SSSEUHV NS on EBOS | 28- | GDC, ATP | Thermodynamic Studies on Kinetics of Redox |

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| 11 | | 29/8/08 | GDC, ATP | Polymerization |
| 12. | NS on NFR-CA | | SKPGDC, Guntakal | Mn(III) Initiated and Terminated Polymerization of Acrylic Monomers |
| 13. | NS on RDIOMES | 8-11-2008 13-14/12- 08 26-27/2- 08 | SKU, ATP | ----- Chloromethylation by Phase Transfer Catalysis Restructuring Curriculum to meet the Challenges in 21st Century Polarographic Reduction of Iodate |
| 14. | NS on CAGP | 26- 27/2/10 24-26 Oct 2011 | SKU, ATP | Crystal defects – A Boon |
| 15. | NS on MTGC | 9-10 Sept 2011 | SVGMGDC, Kalyandurg | Eco friendly manufacture of methyl methacrylate |
| 16. | NS on EGISSES | 22-23 Feb 2013 | SVGMGDC, Kalyandurg | Environmental Pollution – methyl methacrylate manufacture –Green Synthesis |
| 17 | NS on FOMS | | | |
| 18 | NS on CBT | 17-18 Sept 2012 27-29 Dec 2013 | SVGMGDC, Kalyandurg VS University Nellore | Contribution of selected Medicinal plants for cancer prevention and therapy Recent advancements in Solar Biotechnology |
| 19 | NS ON PBFBF | 27-28 June 2014 | GDC, ATP | Fostering creativity -Human Excellence |
| 20 | NS on NOIPRFHE | 9-10 July 2014 | SVGM GDC Kalyandurg | |
| 21 | | 29-30 Octoober 2014 | BT College Madanapall e | Nano Technology for solar Cells |
| 22 | World Women Conference | 17-22 August 2014 | HCU, Hyderabad | Panel =Gender Dimension of Science & Technology |
| 23 | NS on Role of Rural Woman | 26-27 Sept 2014 | SKU, ATP | Challenges for Empowerment of Women through micro finance |
| 24. | NS on HRE | 10-12-14 | SVHM GDC | A study on Female foeticide in India |
| 25. | NS on RTGCAM | 25-26 Oct 2014 | Layola Degree | Pollutants in urban waste water and sewage sludge |

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| 26. | International Seminar on FINSTA | 20-22 Dec 2014 | College, Pulvendula SSSIHL | Impact of Hydroelectric projects on the Eco system |
| 27. | NS | 7-8 Jan 2015 | GDC ATP | |
| 28. | NS | 10-3-15 | GDC ATP | Lal Bahadur Sastri-An Icon of Indian Politics |
| 29 | NS | 14-15 March 2015 | SKU | |
| 30 | NS On HVPE | 31-3-15 | GDC ATP | Reasons for decline of moral values - common man Perception |
| 31 | NS | 2-5-15 | GDC ATP | |
| 32 | NS | 15-11-15 | GDC ATP | Conversion of a agonist into an antagonist-Rational drug design |
| 33 | NS on | 12-12-15 | GDC KURNOOL | |
| 34 | NS | 19-12-15 | GDC ATP | plants –the most perfect Natural laboratories |
| 35 | NS | 9-10 Dec 2015 | KSN GDC ATP | |
| 36 | NS | 17-18 Jan 2014 | Nagpur | Social and economic factors contribution to women empowerment |

12. SUBJECT / GENERAL ARTICLES PUBLISHED IN MAGAZINES IN LAST FIVE YEARS: 07

| S.NO. | TITLE OF THE ARTICLE | NAME OF MAGAZINE/SOUVENIR |
|-------|---|---|
| 1 | Quality Enhancement Through Accountability Enforcement | Souvenir, NS on SFQEHE, GDC, Anantapur |
| 2 | Restructuring Curriculum to meet the Challenges in 21st Century | Souvenir, NS on NFR-CA. SKPGDC, Guntakal. |
| 3 | Relevance of Practicals in Curriculum | Souvenir, NS on NFR-CA. SKPGDC, Guntakal |

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| 4 | Lassaiez-Feiresm Detrimental to Quality in Higher Education. | Souvenir, NS on LFHE, PVKNGDC, Chittoor. |
| 5 | Green Chemistry-Electrochemical Processes | Souvenir, NS on RDGC, Karunya University, Coimbatore |
| 6 | Environmental Benign Organic Synthesis-Green Chemistry. | Souvenir, NS on RTATOS, PVKNGDC, Chittoor. |
| 7. | Choice Based Credit System- A Caffeteria Approach | Souvenir, NS on REAQHE SPWD&PGC, Tirupati |

13. NUMBER OF TIMES ACTE AS RESOURCE PERSON IN SEMINARS,

WORKSHOPS, TRAINING PROGRAMMES: 08

| S.NO. | NAME OF THE EVENT | DATE AND PLACE |
|-------|---|---------------------------------------|
| 1. | Repositioning of Chemistry at UG Level. | GDC, ANANTAPUR |
| 2. | Refresher Course for School Assistants | GDD, ANANTAPUR 3-4/NOV 2007 |
| 3. | Recent Trends in Analytical Techniques and Organic Synthesis. | PVKNGDC, CHITTOOR, 3/2/08 |
| 4. | National Seminar on Need for Reforms-Curricular aspects. | SKPGDC, GUNTAKAL, 26-27/3/09 |
| 5. | National Seminar on Role of Metal Ions in Reaction Path Ways | SRRGD&PGC, Karim Nagar, 28-29/8/2008. |
| 6. | National Seminar on Environmental Benign Organic Synthesis. | GDC, ANANTAPUR 13-14/12/2008 |
| 7. | Exhibition on "Chemistry in Daily Life" | GDC, ANANTAPUR, 31-1-2007. |
| 8. | Exhibition on " Chemistry of Essential Commodities" | GDC, ANANTAPUR, 29-31/8/2009 |

14. FIRMS/ORGANIZATIONS TO WHICH CONSULTANCY SERVICES OFFERRED IN THE LAST TWO YEARS: 06

| S.NO. | NAME OF THE FIRM/ORGANIZATION |
|-------|-------------------------------|
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| 1. | Anantha Biotechnologies Tissue Culture Labs, |
| 2. | Anantapur |
| 3. | Regional Sericulture Research Station, Raptadu, |
| 4. | Anantapur |
| 5. | Waksman & Selman Pharmaceuticals, Anantapur |
| 6. | Sapthagir Camphor Industry, B. Kothapalli |
| | Sri Sai Degree & P.G. College, Anantapur |
| | P.V.K.K. Degree College, Anantapur |

15. ADDITIONAL RESPONSIBILITIES HELD:

1. Worked as FAC Principal, Govt. College (M), Anantapur from 1-1-14 to 1-4-14
2. Acted as the Coordinator, M.Sc., Organic Chemistry, Govt. College, Anantapur from September 2013 to September 2015.
3. Acted as Lecturer in Charge , Dept. of Bio Technology, Govt. College, Anantapur from September 2008to September 2011.
4. Acted as Lecturer in Charge , Dept. of Chemistry, Govt. College, Anantapur from September 2008to September 2015
5. Member , BOS Chemistry, SKU
6. Member, BOS Chemistry, SSBN Degree & PG College, Anantapur