

Profile

Name :: DR.M.Swetha
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Degrees Obtained::

Degree	University	Field of Specialization
DEGREE	UNIVERSITY	SPECIALIZATION
BSC	S.V. University, Tirupati A.P	Biochemistry, Microbiology, Chemistry(BMC)
M.SC.	S.K. University, Anantapur, A.P	Organic Chemistry
PhD.	S.K. University, Anantapur, A.P (Spectrophotometric determination of metal ions in Environmental samples)	Analytical Chemistry

Years of Experience ::

Designation of the post Held	Name and address of organization	Period	
		From	To
Lecturer	SSBN Degree & PG College, Anantapur	24.10.2009	30-04-2011
Asst. Professor	K.S.R.M. College of Engineering, Kadapa	25.09.2014	Till to date

Memberships in Professional Bodies ::

Life Membership in Indian Society for technical education

Papers published::

1. M.Swetha and P.RaveendraReddy, "Direct, Derivative spectrophotometric determination by micro amounts of Pd(II) by 5-bromo salicylaldehyde isonicotinoyl hydrazone", (5-BrSAINH) [Advances in applied science research](#), 2013, 4(2), 298-304.
2. M.Swetha and P.RaveendraReddy, "Non extractive spectrophotometric determination of U(VI) using 5-bromo salicylaldehyde isonicotinoyl hydrazone in Environmental ,Phosphare rocks and fertilizer samples", [International journal of scientific and research publications](#), 2013, 3(8).

3. M.Swetha and P.RaveendraReddy, "Direct, derivative spectrophotometric determination of V(V) using 5-BrSAINH", [International journal of chem. Tech](#), 2013 ,5(5), 2322-2328.
4. S.Sobha, M.Swetha and P.RaveendraReddy, "Direct and Derivative spectrophotometric determination of Chromium(VI) in Microgram quantities using 5-BrSAINH" [Asian Journal of Research chemistry](#), 2013, 6(7).
5. M.Swetha and P.RaveendraReddy, "Sensitive spectrophotometric determination of thorium(IV) using 5-BrSAINH", [The Experiment](#), 2013, 19(2).
6. P.Satyanarayana Rao , M.Swetha and P.RaveendraReddy, "Direct and Second Derivative Spectrophotometric determination of Mn(II) in tapwater, alloysteels and Plant samples", [Research Journal of Pharmaceutical and Biological Sciences](#), 2014, 4(5),975-982.
7. M.Swetha and A.Suseela " Synthesis, Spectroscopic characterization and DNA binding studies of Fe(II) complexes", [European Journal of biomedical and pharmaceutical Sciences](#), 2016, 3(4), 260-64.
8. A.Suseela, K.Raja and M.Swetha, "Synthesis and characterization and cyclic voltammetric studies on transition metal complexes of 2,4- dihydroxyacetophenone nicotinoylhydrazone", [World Jouranl of pharmacy & pharmaceutical sciences](#), 2016, 5(4)
9. M.Swetha, "Non extractive spectrophotometric determination of Mo (VI) using 5-BrSAINH" ,2016,5(1),137-142.
10. M.Swetha, G.Govind,V.Krishna Reddy & P.Raveendra Reddy, "Synthesis of 2-hydroxy-3-methoxybenzaldehyde-p-hydroxy benzoichydrazone (hmbahbh) and its application for direct spectrophotometric determination of heavy metal cadmium (ii) in environmental samples",2016, 3(7).
11. I .Sreevani and M.Swetha, "Non-extractive spectrophotometric determination of cu (ii) using 2-hydroxy-3-methoxy benzaldehyde thiosemicarbazone" (HMBATSC), [IOSR journal of Applied chemistry](#), 2016, 99(9), 63-67.
12. I.Sreevani and M.Swetha, " Simultaneous Spectrophotometric determination of indium(III) and Iron(II)", [Journal of Chemical & pharmaceutical Research](#), 2016, 8(8),360-363.

13. I.Sreevani and M.Swetha, "Simultaneous derivative spectrophotometric determination of chromium (VI) and indium (III)", [International Journal of Scientific and Engineering Research](#), 2016, issue 10, 26-31.
14. M.Swetha and I.sreevani, "Simultaneous derivative spectrophotometric determination of Chromium (VI) and Vanadium (V)", [Journal of Chemical & pharmaceutical Research](#), 2016, 8(8), 1074-1077

Seminars/workshops/conferences::

Participation in National seminars

1. Chemistry and Global perspectives(CGP) - SK university, Anantapuramu- 24-26 October 2011
2. Modern trends in chemical analysis(MTCA) – Sk university, Anantapuramu- 28-29 march 2012
3. Recent trends in polymer science & technology- SK university, Anantapuramu- 29-30 June 2013
4. New frontiers in chemical sciences(NFCS)- yogivemana university,Kadapa - 4 Mar 2014
5. Nano materials & global perspectives- Govt Arts college,Anantapuramu, 30-31 Jan 2015
6. Environmental protection-A global challenge ,Osmania college, kurnool, 7th Feb 2015
7. New Frontiers in Chemical Sciences, Yogivemana University, Kadapa-19 Mar 2015
8. Emerging trends in nano chemistry(ETNC), SK university, Anantapuramu, 20-21 Nov 2015

Participation in International seminar

Emerging trends in synthetic organic & medical chemistry (ESMC)- Vikramsimhapuri university 13-15 Nov 2014

Participation in conferences

Role of chemistry in energy development and environmental protection (RCEE)-SV university, Tirupati-3-4 march 2014

Participation in Workshops

80th BRNS-IANCAS workshop on Radiochemistry and Applications of Radioisotopes-5-10th 2012

BRNS third school on analytical chemistry 24th feb –mar 1st, Sk university, Anantapuramu.