

CURRICULUM VITAE

KAVYA.H.V

Assistant Professor

PG Department of Chemistry

JSS College of Arts ,Commerce and Science

B N road ,Mysuru-570025

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ACADEMIC DETAILS:

Examination	Institution	Year of passing	Percentage
MSc (Chemistry)	JSS College of Arts Commerce and Science	2015	7.97(points)
BSc(PCM)	JSS College for women.Mysuru	2013	70.79
P.U.C	MMK and SDM.Mysuru	2010	59.16
S.S.L.C	Christ the king convent.Mysuru	2008	75.04

PERSONAL DETAILS

Name :KAVYA.H.V

Qualification : MSc Chemistry (Pursuing PhD)

Designation : Assistant Professor

JSS College of Arts ,Commerce and Science

Husband's name :Pramod.H.M

DOB :2\6\1992

Sex :Female

Nationality :Indian

Religion :Hindu

Parmanent address : Kavya.H.V D/O Vrushabendra

#29 Siddhalingeswara layout ,2nd stage

near ring road ,J.P.Nagar,Mysuru-570031

Computer knowledge :Diploma in computer application

Award : Rastrapathi guide(Scouts and guides)

QUALIFICATION:

- Completed M.Sc in Chemistry with first class from University of Mysore
- Pursuing Ph.D in Chemistry under Visvesvaraya technological university ,Belgaum

PAPER PUBLISHED :

- 1) Shilpa KN, Sachhidananda S, Raj Urs S, Vasanth Patil HB, Karthik P, Mallikarjun K, JagajeevanRaj BM, Sharon S, Urs P V, **Kavya HV** and Subramani NK* . Removal of Cu(II) from water using hydrothermally Synthesized Strontium Doped Zirconium Oxide Nano Absorbents.**Journal of material Science and Engineering**, May 21, 2016.(IF=3.13)
- 2) **Kavya H Vrushabendra**, Ravi Shankar H Sadashivanna, Nikhil Y Gangadhar, Anitha Basavanna,Pallavi C Shekar, Nandan S Ramalingappa, Neelambika L Rudramurthy, Atheeba Asra Banu, Praveenkumar Chennipura Basavaraju, Nelligere Arkeswaraiiah Chamaraja. Fe₃O₄ Nano Particle catalysed Spectrophotometric Method for the Quantification of Hydrogen Peroxide using Pyrocatechol and 3-Methyl -2 Benzothiazolinehydrazone Hydrochloride:Applications in Water,Vegetables and Milk samples. **Chemical Science Review and Letters**, 6(23), 1443-1451,2017(IP= 4.856)
- 3) N. A. Chamaraja, C. B. Praveen Kumar, N. M. Vedamurthy, **H. V. Kavya**, D. S. Sahana, B. Megha, U. P. Bhavani, N. Kumaraswamy. Novel Spectrophotometric Method for the Assay of Hydrogen Peroxide Using Sulfosalicylic Acid as a Chromogenic Probe. Indian Journal of Advances in Chemical Science,38-41,2017(IP=0.5)
- 4) **H.V.Kavya**, K.S. Nithin, B.K.Kendagannaswamy, S.Sachhidananda, N.A. Chamaraja, Optical Performance Appraisal of Mechanically Flexible and Visibly Clear PVP-PVA/Calcium doped Zirconium Oxide Nanocomposites for UV Shielding Applications,**Optik**, 2021(IP=2.10)

WORKSHOP/CONFERENCE/SEMINAR ATTENDED/PAPER PRESENTED

- 1) Presented a oral presentation in two day national symposium on “microbes and human welfare” held at JSSCACS,Mysuru on 23rd and 24th march 2015. Title: Flower extracts could empower PVA coated Nano particles to resist microbial growth: Applicable for food packaging.
- 2) Presented a oral presentation in one day national level conference on “Scientific,computational and informational research trends in Engineering” held at GSSS on 30th Jan 2016 .Title :Effect of filler content and annealing temperature on optical properties of high refractive poly (vinyl oxide alcohol)/rubidium doped zinc nanocomposites.
- 5) Presented a poster presentation in three day international conference on “Importance of herbal medicine in the era of globalization –A live demonstration” held at Sahyadri Science College

Shivamogga on 21st to 23rd Dec 2016. Title: Polymer Based Nanocomposites Hybrids as High Energy Solar Concentrators with Reduced Reabsorption and Enhanced Photon to Electron Conversion.

- 6) Presented a poster presentation in two day international conference on “Environment Health and Policy Nexus” held at JSS University on 27th and 28th ,July 2017. Topic: Spectrophotometric determination of trace amounts of fluoride using Fe-SSA complex as a chromogenic probe: Applications in water samples.
- 7) Presented a poster presentation in two international Symposium on “Advanced materials for Engineering Application “ held at NIE,Mysuru on 24-25th march 2017. Title: Fe₂ O₃ magnetic nanoparticles as peroxidase mimetics and their applications in the determination of H₂ O₂ in water and vegetable samples.
- 6) Participated in one day state level seminar on “nano science and technology” held at JSS college for women,Mysuru on 25th march 2013
- 7) Participated in two day national level conference on “current trends in chemical biology” held at JSSCACS ,Mysuru on 2nd and 3rd march 2015
- 8) Participated in one day state level seminar on “Material science and Nanotechnology” held at VVIET,Mysuru on 29th Sep 2015
- 9) Participated in two day national level conference on” Application of modern analytical techniques to fundamental research in chemistry” held at JSSCACS,Mysuru on 9th and 10th march 2016.
- 10) Participated in state level Science Exhibition on the theme “Science and Village” held at JSSCACS ,Mysuru on 20th -22nd August 2016.
- 11) Participated in state Two day workshop on “Recent trends in research methodology and safety measures for handling chemicals in the laboratory” held at Sharada Vilas College ,Mysuru .
- 12) Participated in state Two day seminar and Exhibition on:”Energy Mix:Need for the nation” held at NIE college Mysuru on 11th and 12th Jan 2017.
- 13) Participated in UGC sponsored one day orientation program on “Quality of higher education, Importance of research and ICT-Enabled teaching for UG and PG teachers,organised by IQAC on 30 November 2017.
- 14) Participated in UGC sponsored one day workshop on” Analytical Techniques “held at JSS College of Arts ,Commerce and Science on 6th March 2018 .
- 15) Participated in UGC sponsored one day workshop on”Capacity building “ held at JSS College of Arts commerce and Science,on 24th march 2018.

16) Participated in UGC sponsored one day workshop on "Capacity building for teachers" held at JSS College of Arts commerce and Science, on 16th February 2019.

Subjects taught: Physical Chemistry

Member of academic bodies: BOS member for JSS College for Women (2017-till date)

Supervision: 15 students for M. Sc. dissertation

DECLARATION:

I hereby declare that all the information furnished above is true to the best of my knowledge

Place : Mysuru

(KAVYA.H.V)

