

CURRICULUM VITAE

Objective

To be associated with an organization that gives me scope to update my knowledge and skills in accordance with the latest trends and be part of a team that dynamically works towards growth of organization and gains satisfaction thereof.

Academic Background

- ❖ **Ph.D.** Awarded Ph.D degree in **Chemistry** on **23rd Sep 2015**, from
(**Full Time**) Mangalore University, entitled “**Studies on Preparation,**
(**Chemistry**) **Characterization and Application of Hydrogels based on**
 Synthetic and Natural Polymers”
 Research Supervisor: **Prof. Vishalakshi B.**
- ❖ **M. Sc,** **Polymer Science** in June-2006,
 Karnatak University, Dharwad.
 First class (67.89%).
- ❖ **M. Sc,** **General Chemistry** in July-2016,
 Kalinaga University, Chhattisgarh.
 First class (64%).
- ❖ **B. Sc,** Bachelor of Science, in June-2004,
 [R.L.Sc -Belgaum]
 Second class (58%)

Teaching Experience

- | | |
|--------------|--|
| Organization | : Raja Lakhamagouda Science Institute, Belagavi |
| Designation | : PG Coordinator Asst. Professor, Dept of Chemistry |
| Duration | : 23-07-2018 – Till date |
| Organization | : Angadi Institute Of Technology & Management. |
| Designation | : Professor, Dept Of Chemistry |
| Duration | : 17-08-2017 - 23-07-2018 (1yr) |
| Organization | : Shaikh College of Engineering & Technology. |
| Designation | : HOD/Asst. Professor Basic Science Dept |
| Duration | : 06-04-2015 -16-08-2017 (2.5 yrs) |
| | & |
| Organization | : Mangalore University. |
| Designation | : Guest lecturer |
| Duration | : 1 yrs. |



PERSONAL DATA

Dr. Jagadish Hiremath

E-mail :

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Mobile : **9481739300**

Date of Birth: **21-07-1982**

Sex: **Male**

Nationality: **Indian**

Marital Status: **Married**

Languages Known: -

Kannada, English, Hindi.

Passport No : **G7806621**

PERMANENT ADDRESS:

Dr. Jagadish Hiremath

S/o N. R. Hiremath

Peth galli,

Balekundri(Kh), Belagavi,

District : Belagavi

State : Karnataka

Pin : 591103

Teaching Methodologies

Chalk & Talk, Online Class(Google class, Team link, Zoom), PPT

Industrial Experience

Organization : **Sequent Scientific Ltd.**
(A Strides Company) Mangalore, Karnataka
Designation : **Junior Scientist - R & D**
Nature of Job : **Synthesis of API & Veterinary drugs.**
Duration : **4yrs 5months.**

Research Work

Major area of research work is synthesis of various methods natural polymer of Microspheres, Nanocomposite hydrogels, & smart hydrogels. Prepared gels will focus on various for its application like metal adsorption, In medical controlled drug release study, dye absorption etc. This research work is found to be a potential candidate for the development of cost effective, environmentally friendly.

Research Guide

Presently I am supervising one **Ph.D.** candidate

Title “ Preparation and applications of smart polymer composite hydrogels”

M.Sc project Guide:

Supervising three students

Title: “ Synthesis and characterization of pH- sensitive Guar gum based hydrogels”

Publications

- **Jagadish N.Hiremath & Vishalakashi B.,** *Superabsorbent pH Responsive Guar gum based hydrogel: Kinetic and modeling study for removal of cationic dyes from aqueous solution. **Polymer Bulletin: 2015, Vol.72, pp 3063-3081.***
- **Jagadish N.Hiremath & Vishalakashi B.,** *Effective removal of divalent metal ions: Synthesis and characterization of pH sensitive guar gum based hydrogels. **Desalination and Water treatment: 2014, pp 4018-4027.***

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- **Jagadish N. Hiremath & Vishalakashi B.** *Microspheres of Guar gum-grafted-polyacrylamide modified by hydrolysis: Evaluation for controlled drug delivery.* Submitted to *International Journal of chemical and pharmaceutical sciences: IJCPS-2014 - C - 0521 (Accepted).*
- **Jagadish N.Hiremath & Vishalakashi B.,** *Swelling Studies of pH and salt responsive Ethylene glycol dimethacrylate crosslinked Gellan gum and Sodium Alginate gels,* *International Journal of Pharm Tech Research: 2013, Vol.5, pp 657-669.*
- **Jagadish N. Hiremath & Vishalakashi B.** *Effect of crosslinking on swelling behaviour of IPN hydrogels of Guar Gum & Polyacrylamide,* *Der Pharma Chemica, 2012, 4(3):946- 955.*
- **Jagadish N. Hiremath** “*Studies and Characterizations: Effective crosslinking agent on Guar gum–Poly(acrylamide) hydrogel* ” *Gis Science: 2021,vol.8(5):84-92.*
- **Jagadish N. Hiremath, Vishalakshi B, Sudhir R. Iliger, Venkatarao H. Kulkarni and Tejraj M. Aminabhavi.** “*Novel pH-sensitive microspheres of Gellan gum-Sodium alginate for controlled release of ketoprofen: A chronotherapeutic approach for arthritis*” submitted to *Indian journal of Pharmaceutical Science*”(*ijps-22-63025 Under Review*)

Seminars/Conferences Attended

- “*Novel Ph-Sensitive Microspheres of Gellan gum-Sodium Alginate for Controlled Release of Ketoprofen: A Chronotherapeutic Approach for Arthritis*” Jagadish N. Hiremath at the 3rd International Conference on Sustainable Environment, Energy, and Construction (ICSEEC-2021) 16 & 17th December 2021 at Channi.
- “*Synthesis and characterization of chemically modified IPN hydrogels of Guar gum & Polyacrylamide for sorption of metal ions*” by **Jagadish N. Hiremath & Vishalakshi B.,** at **National conference the Social relevance of chemical sciences (SRCS-2011), 26 & 27, March-2011, at Kuvempu University, Shimoga.**
- “*Release Characteristics of Diltiazem hydrochloride from Guar gum-grafted- polyacrylamide / Sodium alginate gel beads*” by **Jagadish N. Hiremath & Vishalakshi B.,** at the **International Conference on synthetic and structural Chemistry (ICSSC-2011), 8-10, December-2011, at Mangalore University, Managalangotri.**
- “*Effect of Crosslinking on swelling behaviour of IPN hydrogels of Guar Gum & Polyacrylamide* ” by **Jagadish N. Hiremath & Vishalakshi B.** at the **Third International Multicomponent Polymer Conference (IMPC-2012), 23-25, March-2012, at Kottayam, Kerala.**

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- “ *Swelling Studies of pH and salt responsive Ethylene glycol dimethacrylate crosslinked Gellan gum and Sodium Alginate gels* ” by **Jagadish N. Hiremath & Vishalakshi B.** at the **International conference on recent advances in Material science & technology-2013(ICRAMST – 13)** 17–19 January, 2013, at NITK Surathkal, Karnataka.
- “*Superabsorbent Guar gum based hydrogel for removal of dyes*” by **Jagadish N. Hiremath & Vishalakshi B.** at the **International conference on recent advances in Material science & technology-2013(ICRAMST–13)** 17 – 19 January, 2013, at NITK Surathkal, Karnataka.
- “*Microspheres of Gellan gum-NaAlg as matrix for Sustained Release of Ketoprofen*” **Jagadish N. Hiremath & Vishalakshi B.** at the **International conference on Chemical Biology: Disease Mechanisms and Therapeutics (ICCB-14)** 6-8 February, 2014, at Hyderabad.

Research Experience

- **Journal reviewer** of Polymer Bulletin for Springer publication.
- Preparation and Characterization of Pervaporation Membranes for the Separation of Water-Isopropanol Mixtures Using Chitosan and NaY Zeolite.
- Synthesis and Characterization of “Organic Compounds” under the guidance of Prof.G.S.Gadginmath Dept of Organic Chemistry, Karnataka University, Dharwad.
- Six months Research Work on “Membrane Synthesis, Characterization and their Technological Applications” under the guidance of *Prof. T.M.Aminabhavi*, Director of Center of Excellence in Polymer Science, Karnataka University Campus, Dharwad.

Extra Curricular Activates

- **ARIIA**(Atal Ranking Institution of Innovation on Achievements) Coordinator
- **NAAC (Criteria II Member)**
- Planning for working on projects on microwave synthesis gels for application oriented, like pesticide release.
- **Fellowship:** UGC-BSR Research Fellowship in Science for Meritorious Students Scheme.
- Participated in the academic & interaction session during “**5th Science Conclave/INSPIRE Internship Programme**” A Congregation of Noble Laureates and Eminent Scientists An

MHRD-DST initiative at IIIT-A, Allahabad, U.P. During December 08-14, 2012.

- Volunteer for the international seminar organized by the Department of Chemistry, Mangalore University, Mangalangothri the year 2010.
- Passed NSS B certificate in B.Sc.

Declaration

Hereby, I assure that the information furnished above is true. If I get an opportunity to work in your concern, I assure that I shall discharge my duties to the fullest satisfaction of my Employer and to the best of my ability.

Thanking you,



Yours truly,

Place: Belagavi

(Dr.Jagadish Hiremath)