

## Personal Profile



1	<b>Name</b>	Dr. padmeshwary r
2	<b>Address</b>	H. No 3C/11, Mother Teresa colony, Gadag road, Hubbaalli
3	<b>Department</b>	Chemistry
4	<b>Email</b>	rachipudi18@gmail.com

### 7. Education

Degree	University	Division	Percentage	Year of Passing
Ph.D. Chemistry (with Course work) Title: Development of Polymeric Membranes for Pervaporation separation of Aqueous-Organic Mixtures	P. G. Department of studies in Chemistry, Karnatak University, Dharwad, 580003	First class	67.05	2012
M.Sc., Physical Chemistry	P. G. Department of studies in Chemistry, Karnatak University, Dharwad, 580003	First class	66.54	2006
B.Sc., (CBZ)	P. C. Jabins' Science College, KLE Society, Hubli, Karnatak University	First class with Distinction	74.44	2004

### 8. Awards and Prizes

1. Received **RFMS Award**, Research Fellowship in Science for Meritorious Students by University Grants Commission (**UGC**), New Delhi, for 5 years, at the time of doctoral work.
2. Received **PDFSS, Post-Doctoral Fellowship** in Chemistry by University Grants Commission (**UGC**), New Delhi, for 5 years.

### 9. Qualifying examination

: Nil

(Applicable only for NET/SLET)

### 10. Teaching experience

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Sl. No.	Position	Year		Name of the Institution
		From	To	
1	Assistant Professor	04-09-2012	29-05-2013	IEC- Group of Institutions, Greater Noida, U. P.
2	Assistant Professor	27-06-2013	02-06-2015	Stanley college of Engineering and technology for Women's, Hyderabad.
3	Assistant Professor	11/06.2015	29/07/2017	St. Francis Degree College for Women, Hyderabad.
4	Post-Doctoral Fellow	11-08-2017	18-06-2019	Department of Chemistry, Karnatak University, Dharwad.
5	Assistant Professor (unaided)	19-06-2019	08-06-2020	KLE Society's P. C. Jabin Science College, Hubballi.
6	Assistant Professor (aided)	09-06-2020	Till date	KLE Society's P. C. Jabin Science College, Hubballi.

**11. Administrative experience, if any:**

IQAC member, Internal AAA committee (2019-20), NAD coordinator (2019-20)

**12. Academic Placements**

:Assistant Professor

**13. Specialisation :** Synthesis of Polymers, Polymeric Membranes, Nanomaterials

**14. Membership of professional bodies** : NIL

**15. Upgradation courses** :

SN.	Programme	Duration	Name of the college/University
1	Online Orientation	24-06-2020 to 26-07-2020	Teaching learning centre, Ramanujan college, university of Delhi, MHRD
2.	Refresher Course	01-02-2022 to 14-02-2022	Teaching learning centre, Ramanujan college, university of Delhi, MHRD

**16. Soft skill/Life skill development**

**Programs**

SN	Name Programme	Duration	Name of the college/University
1	Online FDP on "Entrepreneurship, Incubation & innovation"	23-06-20 to 29-06-2020	Teaching learning centre, Ramanujan college, university of Delhi , MHRD

**17. Technical training** :

SN	Name Programme	Duration	Name of the college/University
1	Online Workshop on "Advance Teaching Tools"	25-07-20 to 31-07-2020	Wellness Gurukul Acadamy Pvt. Ltd, New Delhi

**18. Paper publications** :

1. **P.S. Rachipudi**, A.A. Kittur, S.K. Choudhari, J.G. Varghese and M.Y. Kariduraganavar, Development of Polyelectrolyte Complexes of Chitosan and Phosphotungstic acid as Pervaporation Membranes for Dehydration of Isopropanol, *European Polymer Journal* **45** (2009) **3116–3126**. **Impact Factor = 5.546**
2. **P.S. Rachipudi**, M.Y. Kariduraganavar, A.A. Kittur, A.M. Sajjan, Synthesis and Characterization of Sulfonated-Poly(Vinyl Alcohol) Membranes for the Pervaporation Dehydration of Isopropanol, *Journal of membrane science* **383** (2011) **224-234**. **Impact Factor = 8.743**
3. **P.S. Rachipudi**, A. M. Sajjan, A. A. Kittur and M. Y. Kariduraganavar, Solving the Trade-off Phenomenon in Separation of Water-Dioxan Mixtures by Pervaporation through Crosslinked Sodium-Alginate Membranes with Polystyrene Sulfonic Acid-Co-Maleic Acid, *Chemical Engineering Science* **94** (2013) **84–92**. **Impact Factor = 4.889**
4. J. G. Varghese, A. A. Kittur, **P. S. Rachipudi**, M. Y. Kariduraganavar 'Synthesis, Characterization and Pervaporation Performance of Chitosan-g-Polyaniline Membranes for the Dehydration of Isopropanol' *Journal of Membrane Science* **364** (2010) **111–12**. **Impact Factor = 8.743**
5. **P.S. Rachipudi** and M. Y. Kariduraganavar, Development of crosslinked sodium-alginate membranes using polystyrene sulfonic acid-co maleic acid for pervaporation dehydration of isopropanol, *Procedia Engineering* **44** (2012) **884 – 889**. **Impact Factor = 0.097**
6. **P.S. Rachipudi**, A.A. Kittur, A.M. Sajjan, and M.Y. Kariduraganavar, Synthesis and Characterization of Hybrid Membranes Using Chitosan and 2-(3,4-Epoxy cyclohexyl) Ethyltrimethoxysilane for Pervaporation Dehydration of Isopropanol, *Journal of Membrane Science* **441** (2013 ) **83–92**. **Impact Factor = 8.743**
7. R.V Doddamani, **P.S. Rachipudi**, S.R Inamdar, and M.Y. Kariduraganavar , Enhancement of Nonlinear Optical and Thermal Properties of Polyurethanes by Modifying the Chromophores with Fused Heterocyclic and Pyrimidine Rings, *Polymer Engineering & Science* **Impact Factor = 2.428**
8. R.V Doddamani, N.A Pattanshetti, **P.S. Rachipudi**, S.R Inamdar, and M.Y. Kariduraganavar, Synthesis, Structural characterization and computational study of NLO responsive chromophores and second-order coefficients of thermally crosslinked polymers, *New Journal of Chemistry*. **Impact Factor = 3.591**
9. D Achari, **P. S. Rachipudi**, S Naik, R. Karuppanan and M. Y. Kariduraganavar Polyelectrolyte complex membranes made of chitosan—PSSAMA for pervaporation separation of industrially important azeotropic mixtures, *Journal of Industrial and Engineering Chemistry*, **Impact Factor = 5.278**

#### 19. Paper Presentation

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1. 45<sup>th</sup> Annual Convention of Chemists and International Conference on Recent Advances in Chemistry 2008, P. G Department of Chemistry, Karnatak University, Dharwad, during 23<sup>rd</sup> - 27<sup>th</sup> December, 2008. Presented research work under the title "Development of polyelectrolyte complexes of chitosan and phosphotungstic acid as pervaporation membranes for dehydration of isopropanol"
2. International Conference on Direct Digital Manufacturing and Polymers, P. G

Department of Chemistry, Karnatak University, Dharwad, during 20<sup>th</sup> - 23<sup>rd</sup> February, 2019. Presented research work under the title “ Effect of Dibutyl Phthalate on stability and Pervaporation Performance of Sodium Alginate Membrane for IPA/Water and 1-4 Dioxan/Water Mixtures”

**20. Organizing conferences/seminar/workshops :**

1. Member of Organizing committee for “UGC-sponsored national Seminar on Frontiers in Chemical Research and Analysis” Held on 24<sup>th</sup> -25<sup>th</sup> July 2015, organized by Department of chemistry, St. Francis College for Women.
2. Member of Organizing committee for “International Conference on Direct Digital Manufacturing and Polymers, held on 20<sup>th</sup> - 23<sup>rd</sup> February, 2019 by P. G Department of Chemistry, Karnatak University, Dharwad.

**21. Curriculum Design : Member of BOS**

**22. Committee membership :**

Member of research cell (Ph. D Programme 2020-2021), Member of Swayam and SBSIP monitoring committee, Member of NAAC working committee.