

1. Name : **Dr.(Mrs) Rakhi Yadav**
2. Designation : **Assistant Professor**
3. Educational Qualification : **M.Sc; B.Ed; Ph.D.**
4. Courses taught at MCC- **Medicinal Chemistry,  
Environmental Chemistry,  
Basic concepts in organic Chemistry,  
Organic Reaction and Mechanism  
Chemistry of Metals,  
Applied Chemistry  
Computer aided Chemistry.**

5. **Administrative Experience, if any, in MCC-**

Served as Assistant Professor-in-charge in Department of Chemistry (SFS) for 5 years.

6. **Orientation and Refresher Courses Attended:**

Attended UGC sponsored orientation course by Academic Staff College University of Madras Chennai, Batch No.109, held from 22.11.2012-19.12.2012 and obtained grade 'A'.

7. **Papers presented in National & International Seminars / Conferences**

1. Adjudged for the **young scientist's award** by the 21<sup>st</sup> Madhya Pradesh young scientist's conference organized by Madhya Pradesh Council of Science and Technology, Bhopal (MPCST) -2006
2. Secured **1<sup>st</sup> rank** in poster presentation in International conference as 'Sustainable Agriculture for Food, Bioenergy and Livelihood Security' at Jawaharlal Nehru Agriculture University, Jabalpur (M.P.)

8. **Publications & Books Authored**

1. Evaluation of antioxidant activity of cashew apple juice (*Anacardium occidentale*) by various methods. Anuja K, \*Rakhi Yadav, Srinivasan D. International journal of innovation in pharma Bioscience and Research Technology. IJIPBART(2015) vol. 2 ISS(2) pp 179-185.

2. Identification and isolation of the pigments from *Musa acuminata* by TLC and HPLC method. Dhamodharan R, \*Rakhi Yadav. International journal of innovation in pharma Bioscience and Research Technology. IJIPBART(2015) vol. 2 ISS(2) pp 186-195. ISSN:2349-865X.

3. Extraction of natural pigments from *Coleus forskohlii* and its antioxidant activity. Meenakumari, \*Rakhi Yadav. International journal of innovation in pharma Bioscience and Research Technology. IJIPBART(2015) vol. 2 ISS(3) pp 265-274. ISSN:2349-865X.

- 4 Panda S.; Yadav R. Plants with anti cancer activity need for invitro study. Vaniki Sandesh . 2005,Vol-29, Iss-02, Pg-32.
- 5 Shukla. P.K; P. Bhatnagar; R. Yadav . Boswellia serrata: A Gum-oleo-resin yielding tree, Vaniki Sandesh,2005,Vol-29, Iss-02, Pg-23.
- 6.. Yadav R. Momordica dioica: An antidiabetic plant” Vaniki Sandesh.2005,Vol-29, Iss-04, Pg-27.
7. Ravi Kumar; Yadav R. ‘Environmental Impact Assessment on Noyyal River basin with special reference to public health’ in the Proceedings of ‘National Seminar on Environmental Monitoring: Issues and Challenges’ held at Madras Christian College on 9th Feb 2011. (ISBN: 978-93-81006-01-6).

#### **BOOKS PUBLISHED**

Six books have been written in which 02 books under the category of Modular Employable Skill (MES), 04 books under the category of Center of Excellence (COE) and circulated all over India by National Instructional Media Institute (NIMI).

#### **Title of Instructional Material Developed-**

1. Fundamentals of General Chemistry and Physics
2. Attendent operator
3. Instrument mechanic
- 4 . Maintenance Mechanic
5. Electronic and instrument maintenance of process plant
6. Basic laboratory Technique.

**Media Development Committee Member for Chemical sector in National Instructional Media Institute,**  
 Directorate General of Employment and Training Ministry of Labour and Employment Govt. of India CTI Campus,  
 Guindy, Industrial Estate, Chennai-600032 ..

#### **9. Resource Person in Conferences/Workshops etc.**

#### **EXTENSION ACTIVITIES AS A RESOURCE PERSON**

1. Provided series of training cum workshop titled ‘Demonstration and extension of village level primary processing, grading, marketing and storage techniques of medicinal plants’ at different districts of Madhya Pradesh.
2. Provided training cum workshop on ‘Application of Research in Forestry’ for regional circles of Research, Extension and social forestry.
3. Taught and trained students from various institute and college participating in regular training programme run by the State Forest Research Institute, M.P.
4. Resource person in Workshop on Gums and resins, Jointly organized by NTFP- EP and RCDC Center for Forestry and governance, Bhubneswar , Araku Valley, Andhra Pradesh Apr -2006
5. Resource person in Workshop entitled ‘Pedagogical potency in Chemistry education, held on Feb 21<sup>st</sup>, 2012 organized by Department of Chemistry, Madras Christian College.

#### **10. Recognition as Research Supervisor for M.Phil. and Ph.D.**

**No.D/2Ph.D GUIDE Recogn./2016/1218**

**11. Other Distinctions:** Facilitator for personality development programme.

**12. Recent Passport size photograph**

Regards

Yours sincerely,

Dr.(Mrs.) Rakhi Yadav