


Vishwanath Shesherao Mane

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Ph. D Scholar

Education

Ph. D Scholar: Department of Chemistry, Savitribai Phule Pune University (University of Pune Formerly), India (Jan., 2016-Present)

Thesis Title: Transition metal polypyridyl complexes for water splitting

M. Sc.: Department of Chemistry, University of Pune, India (2009-2011)

B.Sc.: Fergusson College, Pune 2005-2008

Schooling: Jawahar Navodaya Vidyalaya Tuljapur, Osmanabad (Dharashiv)

Research Interest

Artificial Photosynthesis, Electrochemistry, Homo/Heterogenous catalysis

Current Work

- 1) Homogenous chemical, electrochemical and light-driven water oxidation by mononuclear Ru (II) polypyridyl complexes
 - 2) Light-driven hydrogen evolution by Ru (II)-Co (II)-Ru (II) dyad assembly
 - 3) Homogenous light-driven and electrochemical hydrogen evolution by earth abundant based metal complexes
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References

- 1) K. S. Kumar, **V. S. Mane**, A. Yadav, A. S. Kumbhar, R. Boomishankar. *Chem. Commun.* 2019, **55**, 13156-13159
- 2) A. Chaugule, **V. S. Mane**, H. A. Bandal, H. Kim, A. S. Kumbhar, *ACS Sustainable Chem. Eng.* 2019, **7**, 14889-14898)
- 3) M. S. Deshmukh, **V. S. Mane**, A. S. Kumbhar, R. Boomishankar *Inorg. Chem.*, 2017, **56**, 13286-13292
- 4) **V. S. Mane**, A. S. Kumbhar, R. P. Thummel, *Dalton Trans.*, 2017, **46**, 12901-12907

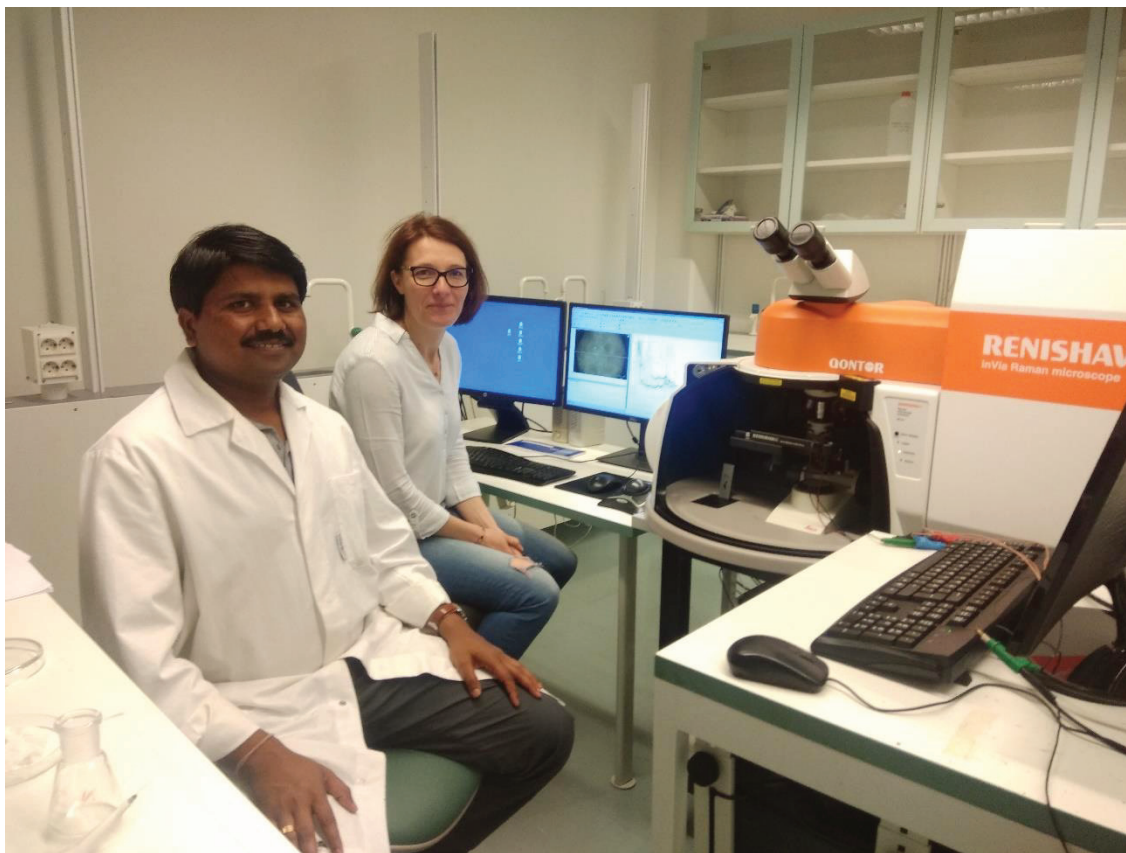
Conferences/International Exchange Program attended

**1) Poster presentation at MTIC-2019, IIT, Guwahati, India
Best-Poster award**

**2) Erasmus+ International Credit Mobility Program @ Prof.
Evamarie Hey-Hawkins group, Leipzig University, Germany
(April,2019-June, 2019)**



3) Visit to Prof Carita Kvarnstrom Lab, Turku University, Finland June 2019



With Prof. Pia Damlin, Turku University, Finland on 19/06/2019

4) Oral Presentation at ICSIC, IISER Pune, March, 2019



Oral talk at IISER Pune

5) Oral Presentation at Post-ICCC Fuku-oka, Japan, Aug. 2018



Oral talk at Kyushu University, Fukuoka, Japan on 05/08/2018



At Post-ICCC, Kyushu University, Fukuoka, Japan

6) Oral Presentation at ICCS Sendai, Japan, July-Aug. 2018



Oral presentation at ICCS Sendai, Japan