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- Education and experience
- Ph.D. (Chemistry)
 - Worked as **Alexander von Humboldt Research Fellow** in the Institut für Angewandte Chemie Berlin-Adlershof e. V., Richard-Willstätter-Straße 12, D-12489 Berlin, **Germany** under the Director Prof. Dr. Manfred Baerns.
 - Worked as **JSPS Research Fellow** in the Department of Materials Science and Technology, Faculty of Engineering, Gifu University, Gifu 501-1193, **Japan** under the guidance of Prof. Dr. Y. Sugi.
 - Application of homogeneous, heterogeneous and heterogenised homogeneous catalysts to fine chemicals and/ or total organic transformation/ or synthesis.
- Achievements
- **Alexander von Humboldt Research Fellow**, Germany.
 - **JSPS Research Fellow**, Japan.
 - **Three Silver medal for Three US Patent** (US 5,712,217, US 5,763,725 & US 6,087,545) from the NCL Research foundation.
 - **Angew. Chem. Int. Ed. Engl., 34, 665 (1995)** has been awarded as the best paper in 1995 from NCL Research Foundation.
 - The **second best poster** has been awarded in 13th National Silver Jubilee Symposium on Catalysis, IIP, Dehradun, April 2-4, 1997
- Research subjects:
- Organic Chemistry
 - Catalysis and Inorganic Chemistry
- Research Areas
- Asymmetric synthesis using chiral heterogeneous/heterogenised homogeneous catalysts.
 - Organic transformation/total synthesis of natural and un-natural bioactive molecules over heterogeneous/homogeneous catalysts.
 - Conversion of methane/ethane/natural gas to olefins/liquid hydrocarbons/gasoline.
 - Alkylation/trans-alkylation over microporous /mesoporous zeolite.
- Recent publications
- Shafeek A. R. Mulla*, Tarek Salama, M. Y. Pathan, S. M. Inamdar, S. S. Chavan, **Tetrahedron Letters** **2013, 54, 672-675.**
 - Shafeek A. R. Mulla*, S. M. Inamdar, M. Y. Pathan, S. S. Chavan, **Tetrahedron Letters** **2012, 53, 1826-1829.**
 - Shafeek A. R. Mulla,* A. Sudalai, M. Y. Pathan, S. A. Siddique, S. M. Inamdar, S. S. Chavan, R. S. Reddy, **RSC Adv.** **2012, 2(8), 3525-3529.**
 - Shafeek A. R. Mulla*, S. M. Inamdar, M. Y. Pathan, S. S. Chavan **OJSA, 2012, 1, 31-35.**
 - Shafeek A. R. Mulla*, S. M. Inamdar, M. Y. Pathan, S. S. Chavan **RSC Adv.** **2012, 2, 12818-12823.**