Publications and Presentations

Paper Publications on Research Topic:

1. “Synthesis, Characterization and Biological activities of Novel substituted formazans of 3,4-dimethyl-1Hpyrrole-2-carbohydrazide Derivatives”.

2. Synthesis, Characterization and Biological Activities of Novel Schiff Bases bearing 3,4-dimethyl-1H-pyrrole-2-carbohydrazide moiety.
   **Jitendra D. Bhosale**, Amey R. Shirolkar, Umesh D. Pete, R. S. Bendre and Rajesh Dabur
   (Communicated to Journal of Bio-organic and Medicinal Chemistry Letters)

3. “Synthesis, Characterization and antimicrobial studies of Novel Schiff bases using acetophenones containing 3,4-dimethyl-1Hpyrrole unit.”
   (Manuscript under preparation)

4. “Synthesis, Characterization and Biological activities of new carboxamides having 3,4-dimethyl-1Hpyrrole moiety.”
   (Manuscript under preparation)

5. “A Copper selective colorimetric receptor: Application as a copper test kit”
   (Manuscript under preparation)

6. “Colorimetric Multisensor of Ni$^{2+}$ and Zn$^{2+}$ by fluorescent receptor”
   (Manuscript under preparation)

Paper Publications other than Research Topic:

   Chakradhar D. Hadole, Umesh D. Pete, Chetan M. Zade, **Jitendra D. Bhosale**, Megharaj S. Kadam and Ratnamala S. Bendre
   Indo-American Journal of Pharmaceutical Research, 2013, 3(9), 7201-7209
Dipesh P. Mahajan, Jitendra D. Bhosale and R. S. Bendre

3. “Hybrid Molecules of Carvacrol and Benzoyl Urea/Thiourea with Potential Applications in Agriculture and Medicine”
Umesh D. Pete, Santosh G. Tupe, Chetan M. Zade, Jitendra D. Bhosale, Preeti M. Chaudhari, Amol G. Dikundwar, R. S. Bendre
Bioorganic & Medicinal Chemistry Letters, 2012, 22 (17), 5550–5554

CM Zade, UD Pete, SS Patil, JD Bhosale, CD Hadole, MS Kadam, RS Bendre

5. “Identification and characterization of two new antimicrobial compounds from Jasminum grandiflorum”
JD Bhosale, Mangesh Khond, TK Mandal, RS Bendre, Rajesh Dabur.

6. “Screening of Some Selected Medicinal Plants Extracts for In-vitro Antimicrobial Activity”
Mangesh Khond, JD Bhosale, Tasleem Arif, TK Mandal, M.M. Padhi and Rajesh Dabur

7. “Natural Products- Anti-Fungal Agents Derived from Plants”
Tasleem Arif, JD Bhosale, Naresh Kumar, TK Mandal, RS Bendre, GS Lavekar, Rajesh Dabur.
Journal of Asian Natural Products Research, 2009, 11 (7), 621-638, 1–18

8. “In vitro and in vivo Antimicrobial Activities of Seeds of Caesalpinia bonduc (Lin.) Roxb.”
Tasleem Arif, TK Mandal, Naresh Kumar, JD Bhosale, Archana Hole, Sharma GL, MM Padhi, GS Lavekar, Rajesh Dabur.
Book/Chapter Publications other than Research Topic:


2. Database of Important Medicinal Plants Volume-IX. Rajesh Dabur, TK Mandal, GB Rao, SD Pawar, AM Gurav
   Assisted by Sutapa Chakraborty, JD Bhosale, Archana Hole and MV Sathe
   CCRAS Press, Govt. of India, New Delhi (In Press)

Poster Presentations on Research Topic:

1. Presented poster entitled “Antimicrobial Activities of Novel Amides of 3,4-dimethylpyrrole” in District level research festival “AVISHKAR- 2013” on 5th October 2013 at NMU, Jalgaon


3. Presented poster entitled “Synthesis, Characterization and Biological Activities of Novel Schiff Bases of 3,4-dimethyl-1H-pyrrole-2-carbohydrazide.” in University level research festival “AVISHKAR- 2012” on 13-14th December 2012 at NMU, Jalgaon

4. Presented poster entitled “Studies on 3,4-dimethylpyrrole derivatives : Synthesis, Characterization and Biological Activities of Novel Schiff Bases of 3,4-dimethyl-1H-pyrrole-2-carbohydrazide.” in IInd International conference on “Emerging Trends in Chemical Sciences (ETCS-2012)” 2-4th November 2012 at Solapur University, Solapur

5. Presented poster entitled “Synthesis, Characterization and Biological Activities of Novel Schiff Bases of 3,4-dimethyl-1H-pyrrole-2-carbohydrazide” in University level research festival “AVISHKAR- 2011” on 28-29th December 2011 at NMU, Jalgaon
Attended Workshop/ Seminar/ Training:


2. Attended one day workshop on “Short Course on Microwave Assisted Organic Synthesis” by Prof. C. Oliver Kappe from Karl Franzens-University Graz, Austria. On 31st October, 2012, at IIT, Bombay, Powai, Mumbai – 400 076

3. Attended one day workshop on “Project, Thesis and Paper Writing in Chemistry” on 9th March 2012, at NMU, Jalgaon – 425 001

4. Attended University of Pune sponsored Three days seminar on “Structural Elucidation of Organic Compounds” on 18-20th Jan. 2011 at Sinhgad College of Pharmacy, Vadgaon (Bk), Pune - 411 043

5. Attended Seminar on Microwave Assisted Synthesis by Dr. Alexander Stadler Anton Paar GmbH, Austria on 6th September 2011 at Bharati Vidyapeeth, Pune – 411 038

6. Attended “3rd CRSI - RSC Symposium & 11th CRSI National Symposium in Chemistry” was held on 5-8th Feb. 2009 at National Chemical Laboratory, Pune – 411 008

7. Attended “WHO-GMP training workshop of ASU Herbal Medicine” on 16-17th October, 2008 at YASHADA, Pune – 411 007

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