**Department of Chemistry**

**Publications of the Department**

**Research Papers Published**

|  |  |  |
| --- | --- | --- |
| **Sr. No.** | **Name of the Faculty** | **No. of Research Papers** |
| **1** | **Dr. Sanjay B. Takate** | **1** |
| **2** | **Dr. Sampat M. Sonawane** | **1** |
| **3** | **Sandesh D. Kasar** | **2** |
| **4** | **Pankaj H. Naikwadi** | **2** |
| **5** | **Sadhana M. Bangal** | **1** |
| **6** | **Arun L. Wakchaure** | **2** |
| **7** | **Jyoti S. Shinde** | **1** |
| **8** | **Premkumar R. Mali** | **2** |
| **9** | **Tukaram R. Gaje** | **4** |
|  | **Total** | **16** |

**Dr. Sanjay B. Takate**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Sr. No.** | **Title** | **Journal** | **Volume** | **I. F./ ISBN/ ISSN** |
| **1** | Isolation & Characterization of Herbal Surfactant from Selected Medicinal Plant | IJSRST | Nov.- Dec. 2017 [(3) 10:84-86] | 2395- 6011 |

**Dr. Sampat M. Sonawane**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Sr. No.** | **Title** | **Journal** | **Volume** | **I. F./ISBN** |
| **1** | Synthesis, characterization, antibacterial, antifungal actions of Novel Beta- diketone Cobalt Complexes. | IJRAR | March- 2020, 7, 1 | 2349- 5138 |

**Sandesh D. Kasar**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Sr. No.** | **Title** | **Conference Proceedings/ Journal** | **Volume** | **I. F./ISBN** |
| **1** | Environmentally Benign Synthesis of 1, 5- Benzodiazepine | Research & Development in Synthetic Organic Chemistry | Nov.-Dec. - 2017 [(3) 10 : 84-86] | 2395- 6011 |
| **2** | Preparation of Various Derivaties of Dibenzalpropanone by using Lithium Hydroxiude as Green Approach | IJSRST | Nov.- Dec. 2017 (3) p- 65 | 2395- 6011 |

**Pankaj H. Naikwadi**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Sr. No.** | **Title** | **Conference Proceeding/ Journal** | **Volume** | **I. F./ISBN** |
| **1** | Preparation of Various Derivaties of Dibenzalpropanone by using Lithium Hydroxiude as Green Approach | IJSRST | Nov.-Dec. - 2017 [(3) 10 : 84-86] | 2395- 6011 |
| **2** | Isolation & Characterization Beta- Sitosterol from *Justica gedarussa burm*. F.- An Anti- Inflamatory Compound | IJPPR | 2017, 9 (9) , 1280-1287 | 0975- 4873 |

**Sadhana M. Bangal**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Sr. No.** | **Title** | **Conference Proceeding/ Journal** | **Volume** | **I. F./ISBN** |
| **1** | Environmentally Benign Synthesis of 1, 5- Benzodiazepine | RDSOC- 2017 | Nov.- Dec. 2017 (3) p- 65 | 2395- 6011 |

**Arun L. Wakchaure**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Sr. No.** | **Title** | **Conference Proceeding/ Journal** | **Volume** | **I. F./ISBN** |
| **1** | Environmentally Benign Synthesis of 1, 5- Benzodiazepine | RDSOC- 2017 | Nov.- Dec. 2017 (3) p- 65 | 2395- 6011 |
| **2** | Preparation of Various Derivaties of Dibenzalpropanone by using Lithium Hydroxiude as Green Approach | IJSRST | Nov.-Dec. - 2017 [(3) 10 : 84-86] | 2395- 6011 |
| **Participation in Poster Presentation** |
| **1** | Cyrene: A Green Solvent for Organic Synthesis | COCR- 2022 | Sept. 2022P- 35 | **--** |

**Jyoti S. Shinde**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Sr. No.** | **Title** | **Journal** | **Volume** | **I. F./ISBN** |
| **1** | Phytochemical Study of White Variety Seed of Abrus Precatorius. Linn (Leguminosae) an Unexpliored Medicinal Plant of India | IJSRST | Nov.-Dec. - 2017 [(3) 10 : 68-72] | 2395- 6011 |

**Premkumar R. Mali**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Sr. No.** | **Title** | **Journal** | **Volume** | **I. F./ISBN** |
| 1 | A Review on the Recent Advancements in Biological Activity of Triazoloes & Tetrazoles | JETIR | 2019, (9), 1 | 2349- 5162 |
| 2 | International Research Journal of Humanities & Interdisciplinary Studies | IRJHIS | 2021, (2), 10 | 2582- 8568 |

**Tukaram R. Gaje**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Sr. No.** | **Title** | **Journal** | **Volume** | **I. F./ISBN** |
| 1 | Biosynthesis of Titanium Oxide nanoparticles & photodegradation of dye by nanoparticles | IJMS | 2018, (13), 1, pp- 15- 22 | 0973- 4589 |
| 2 | Titanium Oxide Nanoparticles & Degradation of Dye by Nanoparticles | IJMS | 2018, (13), 1, pp- 15- 22 | 0973- 4589 |
| 3 | Isolation & Characterization of Phytol from *Justica gedarussa burm*. F.- An Anti- Inflamatory Compound | IJPPR | 2017, 9 (6) , pp- 864- 872 | 0975- 4873 |
| 4 | Phytochemical Studies on *Nerium oleander L*. using GC-MS | IJPPR | 2017, 9 (6) , pp- 885- 891 | 0975- 4873 |