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Member Of:-

College Committees	Other Committees
Research Lab	
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Research Done:

In area of Physical Chemistry and Phytochemistry

Area of Interest in Research:

Physical Chemistry and Phytochemistry

Books Published:

Name of Book	Author(s)	ISBN No.	Year	Edition	Publisher
-					

Research publications:

1.	Anil G. Markandeya , Narayan P. Firke and Shirish S. Pingale. TLC analyzer: an inexpensive tool for analysis of astronomical images. <i>Elixir Appl. Chem.</i> 39, 2011 , 5087-5089. ISSN: 2229-712X.
2.	Shirish S. Pingale, Sunita Salunke-Gawali, Anil G. Markandeya and Narayan P. Firke, Recent development in research of <i>Celocia argentea</i> : A review, <i>Journal of Pharmacy Research</i> , 2012, 5(2), 1076-1082. ISSN: 0974-6943 IF: 2.36.
3.	Shirish S. Pingale, Narayan P. Firke and Anil G. Markandeya , Therapeutic activities of <i>Ocimum tenuiflorum</i> accounted in last decade: A review. <i>Journal of Pharmacy Research</i> , 2012, 5(4), 2215-2220. ISSN: 0974-6943 IF: 2.36.
4.	Anil G. Markandeya , Narayan P. Firke, Shirish Pingale, Sunita Salunke-Gawali* Quantitative elemental analysis of <i>Celocia argentea</i> leaves by ICP-OES technique using various digestion methods. <i>International Journal of Chemical and Analytical Science</i> , 2013, 4, 175-181. ISSN: 0976-1209.
5.	Anil G. Markandeya ; Narayan P. Firke; Suneeti S. Gore, Shirish S. Pingale; Sunita Salunke-Gawali, Antibacterial activity of <i>Celocia argentea</i> leaves extract against <i>Staphylococcus aureus</i> . <i>Environment Observer</i> 2013, 13,123-124. ISSN: 2322-5997.
6.	Anil G. Markandeya , Narayan P. Firke, Suneeti S. Gore, Sunita Salunke-Gawali and Shirish S. Pingale. Antibacterial activity of <i>Celocia argentea</i> leaves extract in organic solvents. <i>Research Journal of Pharmacology and Pharmacodynamics</i> , 2014, 6(2), 79-81. Online ISSN: 2321-5836.
7.	Narayan P. Firke; Anil G. Markandeya ; Rajendra S. Konde Deshmukh; Shirish S.

Pingale, Synthesis and Bio-Film Inhibition Activity of Betulinan C and its Analogs. <i>Research Journal of Pharmacy and Technology</i> , 2014, 8(1), 54-58.
8. Narayan P. Firke, Anil G. Markandeya , Rajendra S. Konde Deshmukh, Shirish S. Pingale, Qualitative occurrence of two metabolites from hydro-distillation of <i>Ocimum tenuiflorum</i> L. by LC-MS/MS Q-TOF technique, 2015, (<i>Communicated</i>).

Research Paper/Posters in Conference/Seminar

1. Anil G. Markandeya , <i>et. al.</i> , Virtual screening of eugenol 1,2,3-triazole derivatives for their biological activity by molinspiration. <i>National Conference on Drug Design and Discovery</i> , (Nipani, DDD-2013), 65-69. Oral Presentation, September-2013 .
2. Anil G. Markandeya , <i>et. al.</i> , Eugenol Derivatives: A Rational Approach in Computer-Assisted Drug Discovery. <i>Conference on Drug Design and Discovery</i> , (IISc Bangalore, RACADD-2013), P-67 Poster Presentation, September-2013 .
3. Anil G. Markandeya , <i>et. al.</i> , Hydro-distillation and identification of novel compounds from <i>Celocia argentea</i> leaves by GC-MS. National Conference on ‘ <i>Modern Analytical Techniques in Microbiology</i> ’, Fergusson College, MATM-2014. Paper presentation, January-2014 .
4. Anil G. Markandeya , <i>et. al.</i> Phytochemical Analysis of <i>Celocia argentea</i> leaves by LC-MS. International Conference on ‘ <i>Recent Trends and Challenges in Science and Technology</i> ’, Pravaranagar, RTCST-2014. Paper presentation, P1, 22 nd August 2014.

Seminars and Workshops Attended:-

Anil G. Markandeya, <i>Soft Skills</i> . October-2007 .
Anil G. Markandeya, <i>Modern trends in Advanced Analytical Techniques</i> , January-2008 .
Anil G. Markandeya, <i>Next Two Decades of Chemical Sciences & Technology</i> . September-2011 .
Anil G. Markandeya, <i>Emerging Trends in Material Science</i> , October - 2012 .

Seminars and Workshops Organized:-

-

Other Accomplishments:-

Quantitative elemental analysis of *Celocia argentea* leaves By ICP-OES technique using various digestion methods.

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