





Janardan Bhagat Shikshan Prasarak Sanstha's
**Changu Kana Thakur Arts, Commerce & Science College,
New Panvel (Autonomous)**

**Research Centre in Commerce in the subject of
Business Policy and Administration**


1. Research Centre Information

1.	Name of the Incharge of center	:	Prof Dr. Elizabeth Mathews
2.	Date of the establishment:	:	2011-2012
3.	No. of research guides at present	:	01
4.	Intake Capacity of the Research Centre	:	08
5.	No. of the Ph.D. Scholars awarded PhD degree till date	:	10
6.	No. of the Ph.D. Students enrolled for the Ph.D. at the centre	:	03

2. Research Guides in in Commerce in the subject of Business Policy and Administration

Sr. No.	Name of the Research Guide and Designation	Date of Recognition with Letter No.	
1.	Dr. (Mrs.) Elizabeth Mathews Designation- Professor & Head Department of Commerce	10/05/2011, PG/2/3020/of 2011	
2.	Dr. Pravin Mokashi Designation- Former Head, Department of Commerce, RKT College, Ulhasnagar	20 th April, 2017 PG/2/ICD/2017-18/ 261	



3.	<p>Mr. Parag Ramesh Karulkar</p> <p>Designation-Assistant Professor, Commerce, Konkan Gyanpeet Uran college of commerce & Arts, uran, Raigad</p>	<p>18/03/2021</p> <p>ICD/2020-21/1756</p> <p>(Guide till 09/09/2022)</p>	
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3. No. of students Completed Ph.D. Degree at the center: 10

Research Guide: Dr. (Mrs.) Elizabeth Mathews		
Sr. No.	Details of The Student	
1.	<p>Name: Dr. Eknath Kundlik Zhrekar</p> <p>Registration No.: 19, 04/02/2013</p> <p>Topic: A study of “ Strategies of Banks and Significance of Non-Interest Income of Banking sector in India with special reference to Nationalized, Private and Co-Operative Banks in Mumbai Region”</p> <p>Year of Completion: 2017-2018</p>	
2.	<p>Name: Mr. Parag Ramesh Karulkar</p> <p>Registration No.: 20. 12-02-2013</p> <p>Topic:A Study of Hospitality Industry and Its management in Konkan Region of Maharashtra.</p> <p>Year of Completion: 2017-2018</p>	
3.	<p>Name: Dr. Abida Muntajar Khan</p> <p>Registration No.: 21/15-02-2013</p> <p>Topic: A Study of Human Resource Management in Logistics Firms with Special Reference to Navi Mumbai Region</p> <p>Year of Completion: 2017-2018</p>	

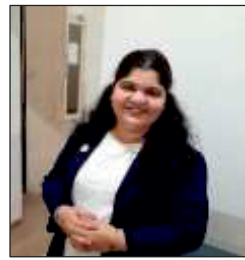




4.	<p>Name: Sheikh Shahedunnisa Abdul Alim</p> <p>Registration No.: 38, 05/02/2014</p> <p>Topic: A study of information and communication technology and its impact on teaching, learning and evaluation process with reference to Arts, commerce and Science college</p> <p>Year of Completion: 2017-2018</p>	
5.	<p>Name: Dr. Adv. Suvarna V. Kirloskar</p> <p>Registration No.: 08/03/2013</p> <p>Topic: Business Development polices of Urban Cooperative Bank in Kokan region of Maharashtra.</p> <p>Year of Completion: 2018-2019</p>	
6.	<p>Name: Dr. Kiran Deshmukh</p> <p>Registration No.: 33/26/12/2013</p> <p>Topic: A study of human resource management in banking sector with special reference to co-operative banks in Konkan region.</p> <p>Year of Completion: 2018-2019</p>	
7.	<p>Name: Dr. Rupa Shah</p> <p>Registration No.: 02-0102015</p> <p>Topic: A Study On Impact Of Advertising On Indian Culture With Reference To Mumbai</p> <p>Year of Completion: 2018-2019</p>	
8.	<p>Name: Mrs. Anita Sudeep Pasbola</p> <p>Registration No.: 7901/09/2018</p> <p>Topic: Consumer Attitude Towards Online & Conventional Shopping: A Study Of Thane Taluka With Reference To Fast Moving Consumer Goods.</p> <p>Year of Completion: 2022-2023</p>	



9.	<p>Name: Ms, S. M. Kedare</p> <p>Registration No.: 70/29.08.2018</p> <p>Topic: "Service quality and policy measures adopted by Indian railways for Women Commuters in Mumbai and Mumbai Suburban Region"</p> <p>Year of Completion: 2022-2023</p>	
10.	<p>Name: Ms. Shoba Kamala James</p> <p>Registration No.: 71/29/08/2018</p> <p>Topic: Attrition Among Employees And Retention Strategies In Indian Banks: A Study In Navi Mumbai Region</p> <p>Year of Completion: 2022-2023</p>	

4.No. of the students pursuing Ph.D. at the Centre at Present:03

Sr. No.	Name of The Student	
1.	<p>Mrs. Trupti Mandar Joshi</p> <p>Registration No.: 87/11-10-2019</p>	
2.	<p>Mrs. Jyoti Udaynath Panda</p> <p>Registration No.: 86/05-10-2019</p>	
3.	<p>Ms. Pooja Duggal</p> <p>Registration No.: 78/30-08-2018</p>	



5. No. of Projects Completed by the center -05

Sr. No.	Name of the Principal Investigator/ Co-Investigator	Project Title	Name of the Funding Agency	Funds provided (INR)	Year of receiving the grant
1.	Dr. Elizabeth Mathews Mrs. Trupti M. Joshi	Study of New Normal and Financial Stability of Teachers during COVID - 19 Pandemic situation: Challenges and Opportunities	RUSA	1,00,000	Nov 2020
2.	Mrs. Trupti M. Joshi & Dr. Elizabeth Mathews	“Awareness and Utilization of Digital Wallets among residents of Navi Mumbai”	RUSA	1,00,000	Dec 2020
3.	Mrs. Jyoti U.Panda & Dr.Elizabeth Mathews	Effect of working from home on employees, due to Covid-19, with reference to selected Digital Media Marketing Agencies	RUSA	1,00,000	Dec 2020
4.	Dr. Shoba K. James & Dr Elizabeth Mathews	An Empirical Study on Banking and Customer experience during COVID-19 in Navi Mumbai Region	RUSA	1,00,000	Oct 2020
5.	S.M. Kedare (Principal Investigator) Dr Elizabeth Mathews (Co-Investigator)	Passenger’s perception towards services provided by Mumbai sub urban Railways- with special reference to central lines	RUSA	1,00,000	Dec 2020

6. No. of Paper Presentations in National and International Conferences

Sl. No.	Name of the authors	National	International
1.	Mr. Eknath Kundlik Zhrekar Dr. Elizabeth Mathews	03	02
2.	Dr. Eknath Kundlik Zhrekar Dr. Elizabeth Mathews Dr. Parag Ramesh Karulkar	02	--
3.	Dr. Kiran Deshmukh	04	01
4.	Dr. Adv. Suvarna V. Kirloskar	06	
5.	Mrs. Jyoti Udaynath Panda	01	02
		16	05



7. No. of Research Papers Published

Sl. No.	Name Of The Authors	Conference Proceeding		Publication In Peer Reviewed / Referred Journal		No. Of The Papers UGC Care Journals	
		International	National	International	National	International	National
1.	Dr. Eknath Zarekar Dr. Elizabeth Mathews	--	05	02	--	--	--
2.	Dr. Elizabeth Mathews Dr. P. R. Karulkar	--	04	01	01	--	--
3.	Dr. P. R. Karulkar	--	01	02	02	--	--
4.	Dr. Abida Khan Dr. Elizabeth Mathews	--	--	01	01	--	--
5.	Dr. Abida Khan	--	--	02	03	--	01
6.	Dr. Shaheda Sheikh Dr. Elizabeth Mathews	--	01	--	02	--	--
7.	Dr. Shaheda Sheikh	--	--	04	09	--	--
8.	Dr. Kiran Deshmukh	--	01	02	02	01	--
9.	Dr. Elizabeth Mathews Dr. Rupa Shah	--	01	--	02	--	--
10.	Mrs. Anita S. Pasbola	01	--	03	04	--	02
11.	Dr. Shobha James	--	--	02	--	--	02
12.	Ms. Shubhangi Ms. S. M. Kedare Dr. Elizabeth Mathews	--	--	--	03	--	--
13.	Mrs. Jyoti U. Panda Dr. Elizabeth Mathews	--	--	02	--	--	03
14.	Mrs. Trupti M. Joshi Dr. Elizabeth Mathews	--	01	01	--	01	04
15.	Ms. Pooja Duggal	--	--	01	01	--	02
		01	14	23	30	02	14

8. Copyrights/Patents: 01

Patent File: Title: Strategies of Banks and Significance of Non-Interest Income of Banking Sector in India (Application No. 202221006891) - Authors: Dr. Eknath Kundlik Zhrekar and Dr. Elizabeth Mathews

9. Participation of learners in Avishkar research convention

All the Research scholars actively participated in the Avishkar research convention at various levels. Research scholars have been awarded best research paper award at various seminars and Conferences.



10. Achievements of the research guide and learners Avishkar Research Convention

Sr. No.	Name of the Student	Year	Level	Achievement
Category C-2 (Commerce & Management)				
1.	Mr. Eknath K. Zhrekar	2016-17	University	Silver Medal
2.	Ms. Shah Rupa Narayan	2017-18	State	Silver Medal
3.	Ms. Shah Rupa Narayan	2017-18	University	Gold Medal
4.	Mrs. Joshi Trupti Mandar	2022-23	University	Bronze Medal

Achievements of the learner: Dr. Eknath K. Zhrekar received the Young Research Award by Maharashtra State Commerce Association-2016-2017.



Rupa Shah won Silver medal at Avishkar Research Convention at State level held at Mahatma Phule krishi Vidyapeeth, Rahuri-2017- 2018



Ms. Trupti Joshi Secured **“Third Rank”** at 17th Aavishkar, Final round-2022-2023



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**Changu Kana Thakur Arts, Commerce & Science College,
New Panvel (Autonomous)**

Research Centre in Commerce in The subject of Accountancy




1. Research Centre Information:

1.	Name of the Incharge of center	:	Prof Dr. S.B. Yadav
2.	Date of the establishment:	:	20.07.2008
3.	No. of research guides at present	:	06
5.	Intake Capacity of the Research Centre	:	46
6.	No. of the Ph.D. Scholars awarded PhD degree till date	:	26
7.	No. of the Ph.D. Students enrolled for the Ph.D at the centre	:	33


2. Research Guides in in Commerce in the subject of Accountancy:10

Sr. No.	Name of the Research Guide & Designation	Date of Recognition	
1.	Dr. S.T. Gadade Designation- Secretary, JBSP Sanstha, New Panvel Former Principal C.K.T. College, New Panvel and Former Dean, Commerce Faculty ,University of Mumbai No. of Students Awarded Ph.D.: 15	22-01-2008	
2.	Dr. CA J.J. Apte Designation- Professor No. of Students Awarded Ph.D.: 02	31-01-2013	
3.	Dr. CA S.J. Apte Designation- Associate Professor No. of Students Awarded Ph.D.: 01	11-08-2015	







4.	Dr. Gajanan Wader Designation- Principal, Pillai, A.C.S. College, New Panvel No. of Students Awarded Ph.D.: 02	19-09-2016	
5.	Dr. A. D .Wagh Designation- Principal, B.N.N. College, Bhiwandi, Thane No. of Students Awarded Ph.D.: 02	03-06-2014	
6.	Dr. V. N. Yadav Designation- Principal, Shankar Narayan College, Bhayandar No. of Students Awarded Ph.D.: 02	03-06-2014	
7.	Dr.CA (Mrs.) M. Racchh Designation- Assistant Professor No. of Students Awarded Ph.D.: 01	25-05-2015	
8.	Dr. S.B. Yadav Designation- Professor & Head	27-08-2015	
9.	Dr. Kishore Peshori Designation- Principal	2017	



10.	Dr. Nilesh E. Koli Designation- Assistant Professor	23-02-2022	
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3. No. of the students Completed Ph.D. Degree at the center: 27

Research Guide: Dr. S.T. Gadade-15 Students		
Sr. No.	Details of The Student	
1.	<p>Name: Mr. Yadav Sudhakar Bhimrao Surekha</p> <p>Registration No.: 04, 24/02/2009</p> <p>Topic: “The study of Activity Based costing and its Application to the Educational Institutions with special reference to Arts, Commerce and Science colleges</p> <p>Year of Completion: 15/07/2013</p>	
2.	<p>Name: Mr. Koli Nilesh Ekanath Bebibai</p> <p>Registration No.: 06, 24/02/2009</p> <p>Topic: “Study of Internal Audit system and its Application to the Educational Institutions with special reference to Arts, Commerce and Science colleges.</p> <p>Year of Completion: 15/10/2013</p>	
3.	<p>Name: Mr. Wagh Ashok Damodar Sindhubai</p> <p>Registration No.: 05, 24/02/2009</p> <p>Topic: “Budgetory Control System and its application to the Educational Institutions with special reference to Arts, Commerce and Science colleges”</p> <p>Year of Completion: '21/08/2013</p>	
4.	<p>Name: Ms. Rachchh Minaxi Amritlal</p> <p>Registration No.: 31, 02/01/2010</p> <p>Topic: “The study of Corporate Environmental Accounting and Reporting</p> <p>Year of Completion: '09/12/2013</p>	



5.	<p>Name: Mr. Kamthekar Pradeep Dattatray</p> <p>Registration No.: 07, 14/07/2009</p> <p>Topic: The analysis of financial structure of basic chemicals and chemical production companies in India</p> <p>Year of Completion: 28/06/2012</p>	
6.	<p>Name: Mr. Sontakke Kaustubh Arvind</p> <p>Topic: A study of human resource management in banking sector with special reference to co-operative banks in Konkan region.</p> <p>Year of Completion: 28/08/2012</p>	
7.	<p>Name: Mr. Moradof Reza Asadolah</p> <p>Registration No.: 09, 14/01/2010</p> <p>Topic: A Study of Ratio Analysis as an Accounting Tool in Indian Automobile Industry</p> <p>Year of Completion: 17/11/2014</p>	
8.	<p>Name: Mr. Kore Krishnappa Bapurao Ganga</p> <p>Registration No.: 17, 09/11/2011</p> <p>Topic: Analytical Study of Audit System in Urban Co-Operative Societies in Thane District</p> <p>Year of Completion: 09/02/2015</p>	
9.	<p>Name: Mr. Deore Chandrashekhar Dhansing</p> <p>Registration No.: 18, 31/01/2013</p> <p>Topic: Accounting of human resource of faculty in the affiliated college offering nonprofessional programmes "</p> <p>Year of Completion: 31-03-17</p>	
10.	<p>Name: Mr. Jadhav Samrat Ashok Anita</p> <p>Registration No.: 22, 06/03/2013</p> <p>Topic: A case study of central public sector undertakings in maharashtra for the period of 1990-2010 to social accounting and reporting practices</p> <p>Year of Completion: 11-09-17</p>	




11.	<p>Name: Ms. Dhaware Hema Sudhakar Nirmala</p> <p>Registration No.: 27, 04/04/2013</p> <p>Topic: An Analysis of Financial Structure of Airline Companies in India</p> <p>Year of Completion: 28-08-17</p>	
12.	<p>Name: Mr. Akshay Keshavrao Manvela Shinde</p> <p>Registration No.: 35, 27/01/2014</p> <p>Topic: A study on Functioning & Accounting Policies of Commodity Exchange with special reference to trading of Gold and Silver</p> <p>Year of Completion: 28-08-17</p>	
13.	<p>Name: Kumari Kajal Shashikant Manjula</p> <p>Registration No.: 34, 15/01/2014</p> <p>Topic: An Analysis of Financial Structure of Airline Companies in India</p> <p>Year of Completion: 17-05-19</p>	
14.	<p>Name: Mr. Krishnaji Ramappa Shinde</p> <p>Registration No.: 41, 14/01/2015</p> <p>Topic: an analytical study of financial conditions and operating efficiencies of sugar factories and their impact on command areas with special reference to belgaum district</p> <p>Year of Completion: 30-11-19</p>	
15.	<p>Name: Mrs. Shah Gauri Dipesh</p> <p>Registration No.: 61/01-12-2016</p> <p>Topic: A Study Of The Accounting And Financial Reporting Issues For Treatment Of Assets Created Under PPP Projects In India With Special Reference To Projects Being Implemented In Western Maharashtra Under NHDP Scheme</p> <p>Year of Completion: 12-12-21</p>	



Research Guide: Dr. (CA) J.J. Apte -03 Students

<p>16.</p>	<p>Name: Mr. Sonawane Sanjay Dharmaraj Shanta</p> <p>Registration No.: 36, 23/01/2014</p> <p>A Study on Investors Decision and Preferences Toward Direct Investment in Equity and Investment in Mutual Fund in Indian Stock Market</p> <p>Year of Completion: 17-02-17</p>	
<p>17.</p>	<p>Name: Mr. Desai Ashwat Ramdas Ramabai</p> <p>Registration No.: 37, 03/02/2014</p> <p>Topic: A Study of Forensic Accounting/ Investigation and its Application to Educational Institutions with Special Reference to Arts, Commerce and Science Colleges Affiliated to University of Mumbai</p> <p>Year of Completion: 17-02-17</p>	
<p>18.</p>	<p>Name: Tanawade Ameya Ravindra Shubha</p> <p>Registration No.: 39, 29/12/2014</p> <p>Topic: A Study of Monitoring Mechanism for Effective Financial Academic and Administrative Audit System in colleges Affiliated to University of Mumbai</p> <p>Year of Completion: 19-06-18</p>	

Research Guide: Dr. (CA) S.J. Apte -01 Students

<p>19.</p>	<p>Name: Mr. Chiplunkar Ishtiyag Usman</p> <p>Registration No.: 48,14/10/2015</p> <p>Topic: A Study on The Investment Strategy of Individuals In Mumbai</p> <p>Year of Completion: 12/12/2020</p>	
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Research Guide: Dr. A.D. Wagh -05 Students


20.	<p>Name: Mr. Raut Tushar Balkrishna</p> <p>Registration No.: 46/ 18/09/2015</p> <p>Topic: A Study on the relationship between capital structure and profitability of insurance companies</p> <p>Year of Completion: 26-08-19</p>	
21.	<p>Name: Mr. Sandeep Valentine Burken</p> <p>Registration No.: 47/ 18/09/2015</p> <p>Topic: The Relationship between Capital Structure and Profitability of listed Non-Banking Financial Companies In India</p> <p>Year of Completion: 10-01-21</p>	
22.	<p>Name: Unadkat Sangeeta Amritlal Lata</p> <p>Registration No.: 43, 13/08/2015</p> <p>Topic: Evaluation of Financial Performance of Mutual Funds In India: A Study Of Growth And Income Schemes With Special References To Western Suburbs Of Mumbai</p> <p>Year of Completion: 01-01-20</p>	
23.	<p>Name: Wankhede Kishor Kadu Padma</p> <p>Registration No.: 42,13/07/2015</p> <p>Topic: A Study of Management of Financial Resources, Its Allocation And Application to Educational Institutions With Reference to Arts, Science and Commerce Colleges</p> <p>Year of Completion: 23-04-2022</p>	
24.	<p>Mr. Rathod Kuldeepsingh Jabbar Singh</p> <p>Registration No.: 74, 30/08/2018</p> <p>Topic- A Study of Financial Resource Management of Thane Municipal Corporation.</p> <p>Year of Completion: 09-03-2023</p>	




Research Guide: Dr. Gajanan Wader -02 Students

25.	<p>Name: Mr. Buva Shardul Kishor Rekha</p> <p>Registration No.: 73, 29/08/2018</p> <p>Topic: A Study of Accounting Practices and its Impact on the Business of Proprietary Enterprises in the Panvel City</p> <p>Year of Completion: 23-12-21</p>	
26.	<p>Name: Ms. Varghese Nithya Raju Molamma</p> <p>Registration No.: 72, 28/08/2018</p> <p>Topic: A Study on Investment Pattern of Public Sector Bank Employees Investors in Navi Mumbai City</p> <p>Year of Completion: 09-01-22</p>	







Research Guide: Dr. (CA) Minaxi Rachchh -01 Students

27.	<p>Name: Mr. Mohd. Merajuddin Inamdar</p> <p>Registration No.: 65/11-07-2017</p> <p>Topic: An Analytical Study of Human Resource Accounting (HRA) and its Application in Public Sector Enterprises (PSE) in India.</p> <p>Year of Completion: 16-07-22</p>	
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4. No. of the students pursuing Ph.D. at the Centre at Present-31

Sr. No.	Name of The Student	
Research Guide: Dr. A.D. Wagh -06 Students		
1.	<p>Mr. Banjan Vaibhav Narayan</p> <p>Registration No.: 49/ 27/10/2015</p>	



2. .	Mr. Dhokania Ujwal Ashok Registration No.: 90, 11/11/2019	
3.	Ms. Agarwal Vandana Bishandayal Registration No.: 113/28-02-2022	
4.	Ms. Meledath Agnus Anthony Registration No.: 102, 18/03/2021	
5.	Mr. Yadav Rohan Sudhakar Shubhangi Registration No.:	
6.	Ms. More Sonam Rajendra Registration No.: 75, 30/08/2018	
Research Guide: Dr. S.B. Yadav -08 Students		
7.	Mr. Shah Depesh Gunvat Registration No.: 69/29-12-2017	



8.	Ms. Sharma Sheefali Saroj Kumar Registration No.: 76, 31/08/2018	
9.	Ms. Vibhute Poonam Ramesh Registration No.: 73, 30/08/2019	
10.	Ms. Saganali Aruna Baswaraj Registration No.: 101, 09/03/2020	
11.	Ms. Chaudhary Madhurima Provash Registration No.: 94, 11/11/2019	
12.	Ms. Gajra Namrata Navinchandra Sunita Registration No.: 96, 04/01/2020	
13.	Mr. Sharma Pravara Satyapal Veena Registration No.: 91, 11/11/2019	






14.	Ms. Nair Mruthula Muralidharan Radha Registration No.: 88, 16/10/2019	
Research Guide: Dr. V.N. Yadav -06 Students		
15.	Mr. Shaikh Irshad Wajid Ali Amina Registration No.: 85, 04/10/2019	
16.	Ms. Kawade Meerabai Suresh Registration No.: 104, 09/04/2021	
17.	Mr. Kadam Sachin Arjun Registration No.: 708, 07/01/2022	
18.	Mr. Patil Mayuresh Pradeep Registration No.: 116, 2/06/2022.	
19.	Ms. Shinde Priyanka Shirish Registration No.: 115 , 4/06/2022	



20.	Ms. Bhalerao Monika Sandeep Registration No.: Awaited	
Research Guide: Dr. Kishore Pesori -06 Students		
21.	Ms. Bhalotia Heena Sumit Registration No.: 64/05-07-2017	
22.	Nagdev Jyoti Lalchand Registration No.: 83, 28/12/2018	
23.	Pimple Sachin Chandrakant Registration No.: 92, 19/11/2019	
24.	Khatri Sunil chandrabhan Registration No.: 1733, 13/08/2021	
25.	Tambe Sadesh Baban Varsha Registration No.: 1733, 13/08/2021	



26.	Sathe Sonali Ashutosh Registration No.: 77, 01/09/2018	
Research Guide: Dr. Nilesh Koli -04 Students		
27.	Pagare Pranjali Diwakar Registration No.: Awaited	
28.	Sonsurkar Aniket Ashok Registration No.: Awaited	
29.	Koli Karan Jagadish Registration No.: Awaited	
30.	Bhanushali Alok Sandeep Registration No.: Awaited	
31.	Chavan Poonam Suresh Registration No.: Awaited	



5. No. of Research Projects Completed/Ongoing at the center

Sr. No.	Name of the Principal Investigator/ Co-Investigator	Project Title	Name of the Funding Agency	Funds provided (INR)	Month and Year of receiving the grant
1.	Dr. N.E. Koli	The study of Income and Expenditure Account and its analysis of Navi Mumbai Municipal Corporation	RUSA	1,00,000	Nov 2020
2.	Dr. S. B. Yadav	A Study of Application of Green Accounting in Private Company at Taloja MIDC	RUSA	1,00,000	Nov 2020
3.	Dr. S. B. Yadav	The Study of Activity Based Costing and its applications to the nonprofit making organization with special reference to Arts, Commerce and Science Colleges in Raigad District	UGC	70,000	2010-12
4.	Dr. S. B. Yadav	A Study of Clause 49 of listing Agreement of SEBI Audit Committee and its compliance by Indian Companies	University of Mumbai	45,000	2012-13
5.	Dr. S. B. Yadav	A study of Financial Accounting Systems Followed in Higher Educational Institutions with Special Reference to Colleges	University of Mumbai	25,000	2015-16
6.	Dr. S. B. Yadav	“Mobilization and Financial Analysis of Water Resource Management of Kalyan – Dombivali Municipal Corporation”	University of Mumbai	35,000	2018-19
7.	Mr. Manoj Supekar	The comparative study of GST collection in India in the Pre, During and Post during COVID-19 pandemic periods	RUSA	1,00,000	January, 2023



8.	Mr. A.A. Sonsurkar and Ms.M.S. Bhalerao	The Study and Impact of Tax Saving Schemes on Investment Behaviour of individual assesses in Panvel City	College Seed Money	25,000	January, 2023
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6. No. of Paper Published

Sl. No.	Name Of The Authors	Conference Proceeding	Publication In Peer Reviewed /Referred Journal	No. Of The Paper UGC Care Journal	Total
1.	Dr. Kishore Peshori	--	--	01	01
2.	Dr. S.B. Yadav	--	10	05	15
				TOTAL	16

Sl. No.	Name Of The Authors	Conference Proceeding	Publication In Peer Reviewed /Referred Journal	No. Of The Paper UGC Care Journal	Total
1.	Mrs. Sonali A.Sathe	--	01	01	02
2.	Dr. Kishore Peshori	--	---	05	05
3.	Meerabai S.Kawade	--	01	01	02
				TOTAL	09



7. Achievements of the learners in Avishkar Research Convention

Sr. No.	Name of the Student	Year	Category	Level	Achievement
1.	Mr. Kamthekar Pradeep	2010-11	C-2/PPG	State	Gold Medal
2.	Ms. Rechchh Minaxi	2011-12	C-2 TH	State	Silver Medal
3.	Mr. Deore Chandrashekhar	2014-15	C-2 TH	State	Gold Medal
4.	Ms. Dhaware Hema Sudhakar	2015-16	C-1 TH	State	Gold Medal
5.	Ms. Sathe Sonali	2019-20	C-2 TH	State	Silver Medal
6.	Mr. Kamthekar Pradeep	2009-10	C-2/PPG	University	Gold Medal
7.	Mr. Kamthekar Pradeep	2010-11	C-2/PPG	University	Gold Medal
8.	Mr. Sontakke Kaustubh	2011-12	C-2/PPG	University	Gold Medal
9.	Ms. Rachchh Minaxi	2011-12	C-2 TH	University	Silver Medal
10.	Mr. Wagh Ashok	2012-13	C-2 TH	University	Gold Medal
11.	Mr. Koli Nilesh Ekanath	2012-13	C-2/PPG	University	Gold Medal
12.	Mr. Deore Chandrashekhar	2012-13	C-2/PPG	University	Silver Medal
13.	Mr. Jadhav Samrath Ashok	2014-15	C-2/PPG	University	Gold Medal
14.	Mr. Akshay Keshavrao Shinde	2014-15	C-2/PPG	University	Silver Medal
15.	Mr. Deore Chandrashekhar	2014-15	C-2 TH	University	Gold Medal
16.	Ms. Dhaware Hema	2015-16	C-1 TH	University	Gold Medal
17.	Mr. Tanawade Ameya	2015-16	C-2/PPG	University	Silver Medal
18.	Mr. Jadhav Samrath	2015-16	C-2/PPG	University	Gold Medal
19.	Mr. Deore Chandrashekhar	2015-16	C-2 TH	University	Silver Medal
20.	Mr. Jadhav Samrath	2016-17	C-2/PPG	University	Gold Medal
21.	Mr. Banjan Vaibhav Narayan	2016-17	C-2 TH	University	Gold Medal
22.	Mr. Tanawade Ameya	2017-18	C-2/PPG	University	Gold Medal
23.	Mr. Banjan Vaibhav Narayan	2017-18	C-2 TH	University	Silver Medal
24.	Ms. Sathe Sonali Ashutosh	2018-19	C-2 TH	University	Gold Medal
25.	Mr. Banjan Vaibhav Narayan	2018-19	C-2/PPG	University	Gold Medal
26.	Ms. Sathe Sonali Ashutosh	2019-20	C-2 TH	University	Silver Medal
27.	Ms. Vibhute Poonam	2020-21	C-2 TH	University	Gold Medal



MS. Hema Dhaware

Ph.D. Commerce
Gold Medal at University and State level
Avishkar Research Convention-2015-16
University of Mumbai



Mr. Deore Chandrashekar

Ph.D. Commerce
Gold Medal at State level
Avishkar Research Convention-2014-15
University of Mumbai



Mr. Jadhav Samrath

Ph.D. Commerce
Gold Medal at University level
Avishkar Research Convention-
2015-16 University of Mumbai



Mr. Tanawade Ameya Ravindra Shubha

Ph.D. Commerce
Silver Medal at University level
Avishkar Research Convention-
2015-16 University of Mumbai





Janardan Bhagat Shikshan Prasarak Sanstha's
Changu Kana Thakur Arts, Commerce & Science College
New Panvel (Autonomous)





Research Centre in Science in the subject of Chemistry

1.	Name of the Incharge of Center	:	Prof. (Dr.) B. V. Jadhav
2.	Date of the Establishment	:	2007-2008
3.	No. of Research Guides at Present	:	07
4.	Intake Capacity of the Research Centre	:	30
5.	No. of the Ph.D. Scholars Awarded PhD degree till date	:	14
6.	No. of the Ph.D. Students Enrolled for the Ph.D. under the Centre	:	17

2. Research Guides in Science in the subject of Chemistry

Sr. No.	Name of the Research Guide & Designation	Date of Recognition	
1.	Prof. (Dr.) S. K. Patil Designation:- Professor & Principal	2 nd May, 2012	
2.	Prof. (Dr.) B. V Jadhav Designation- Professor and Head	16 th August, 2012	
3.	Prof. (Dr.) V. D. Patil Designation: - Professor	28 th November, 2011	




4.	Prof. (Dr.) B. D. Aghav Designation: - Professor	2 nd March, 2017	
5.	Dr. J. S. Thakur Designation: - Assistant Professor	27 th August, 2015	
6.	Dr. S. S. Patil Designation:- Assistant Professor and Dean, Student Development, University of Mumbai	14 th July, 2016	
7.	Dr. S. N. Vajekar Designation: - Associate Professor	23 rd February, 2022	



3. No. of the Students Completed Ph.D. Degree under the Center: 14



Research Guide: Dr. M.M. Shaikh		
Sr. No.	Details of The Student	
1.	<p>Name: Dr. Sunil S. Patil</p> <p>Registration No.: 8/ 20-8-2009</p> <p>Topic: Characterization and Biological Studies on some Mixed Ligand Dioxouranium and Thorium Complexes with N- and O- Ligands</p> <p>Year of Completion: 23-11-2011</p>	
Research Guide: Dr. R.S. Lokhande		
1.	<p>Name: Mrs. Bodhake A. S.</p> <p>Registration No.: 12/ 17-02-2010</p> <p>Topic: Studies on Some Mixed Ligand Complexes of Copper, Zinc and Lithium with Polydentate Ligands</p> <p>Year of Completion: 2012</p>	
2.	<p>Name: Dr. Mhetar Jayanta</p> <p>Registration No.: 15/ 30-07-2010</p> <p>Topic: Polymorphsim Study of Novel Drug</p> <p>Year of Completion: June 2013</p>	
3.	<p>Name: Dr. Aghav Balasaheb Dagadu</p> <p>Registration No.: 14/ 20-07-2010</p> <p>Topic: Synthesis, Spectral, Characterization & Biological Studies on some Mixed Ligand Complexes of La & Co metal ion with 2,3-dimethyl-1-phenol-4-salicylidine 3-pyrazolin-5-one & nitrogen /oxygen donar ligands</p> <p>Year of Completion: January 2013</p>	




4.	<p>Name: Dr. Dandekar Deepika N.</p> <p>Registration No.: 13/ 19-07-2010</p> <p>Topic: Standardization of some medicinal plants having antipyretic & analgesic activity</p> <p>Year of Completion: December 2013</p>	
Research Guide: Prof. (Dr.) S.K. Patil		
1.	<p>Name: Dr. Deokar Hrushikesh P</p> <p>Registration No.: 25/ 25/ 20-03-2013</p> <p>Topic: Synthesis of Bioactive Heterocyclic Molecules Containing Oxygen & Nitrogen</p> <p>Year of Completion: March 2015</p>	
2.	<p>Name: Dr. Nirmalkar Sudhakar A.</p> <p>Registration No.: 55/ 20-11-2015</p> <p>Topic: Synthesis, Characterization & Biological Activity of N-Benzimidazole Analogs</p> <p>Year of Completion: August 2018</p>	
3.	<p>Name: Dr. Pargaonkar Jyotsna G.</p> <p>Registration No.: 24/ 20-03-2013</p> <p>Topic: Synthesis of Thermochromic and Photochromic Colorants for Hi -rich Applications</p> <p>Year of Completion: March 2020</p>	
4.	<p>Name: Dr. Vibhute Baliram T.</p> <p>Registration No.: 81/ 01-07-2012</p> <p>Topic: Synthesis, Characterization & Microbial Screening of Metal Complex Derived from Quinaline Schiff's Base</p> <p>Year of Completion: 01-07-2022</p>	





Research Guide: Prof. (Dr.) V.D. Patil

1.	<p>Name: Dr. Sutar Nagesh R.</p> <p>Registration No.: 28/ 18-06-2013</p> <p>Topic: Synthesis and characterization of biologically active organic compounds using metal catalysts</p> <p>Year of Completion: 11-04-2017</p>	
2.	<p>Name: Dr. Patil Ketan P.</p> <p>Registration No.: 05/ 13-07-2014</p> <p>Topic: Synthesis of Biologically Active Heterocyclic Compounds using Organometallic catalysts</p> <p>Year of Completion: 15-02-2018</p>	

Research Guide: Prof. (Dr.) B.V. Jadhav





1.	<p>Name: Dr. Shaikh Sajid F.</p> <p>Registration No.: 52/ 07-11-2015</p> <p>Topic: Synthesis, Characterization and Applications of Mixed Metal Oxide Containing 3d Transition Elements</p> <p>Year of Completion: 22-12-2018</p>	
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Research Guide: Dr. S.S. Patil







1.	<p>Name: Dr.Pawara Jitendra M</p> <p>Registration No.: 63/ 08-05-2017</p> <p>Topic: Synthesis Characterization & Applications of Mixed Ligand Ni(ii) Complexes & their Nanoparticles</p> <p>Year of Completion: 25-2-2022</p>	
2.	<p>Name: Dr.Patil Digambar K.</p> <p>Registration No.: 62/ 25-02-2012</p> <p>Topic: Synthesis Spectral Biological Investigation of Mixed Ligand Lanthanides Complexes</p> <p>Year of Completion: 25-2-2022</p>	








4. No. of the Students Perusing Ph.D. at the Centre at Present:17

Name of The Guide- Prof. (Dr.) S. K. Patil		
Sr. No.	Name of The Student	
1.	Mr. Umasare Tushar S. Registration No.: 45/ 25-08-2015	
2.	Ms. Patil Chaitrali S. Registration No.: 108/ 31-12-2021	
3.	Mr. Sonawane Harshad R. Registration No.: Proposal submitted	
Name of The Guide- Prof. (Dr.) B.V. Jadhav		
4.	Mr. Pinjarkar Amol D. Registration No.: 68/ 11-08-2017	





5.	Mr. Nikam Amol K Registration No.: 105/ 17-08-2021	
6.	Mr. Gaikwad Prabhakar A. Registration No.: 56/ 26-11-2015	
Name of The Guide- Prof. (Dr.) V.D. Patil		
7.	Ms. Jadhav Sunita B. Registration No.: 50/ 13-11-2015	
8.	Ms. Salve Amruta M Registration No.: 66/ 14-07-2017	
9.	Mr. Gharat Vaishnav D. Registration No.: 99/ 23-01-2020	
10.	Mr. Patil Suraj A Registration No.: 111/ 22-02-2021	



Name of The Guide- Dr. J.S. Thakur		
11.	Ms. Zirpe Maheshwari R. Registration No.: 80/ 24-09-2018	
12.	Ms. Shinde Gayatri V. Registration No.: 95/ 19-12-2019	
13.	Ms. More Neha Registration No.: Proposal Submitted	
Name of The Guide- Prof. (Dr.) B.D. Aghav		
14.	Ms. Shaikh Shaheen A. Registration No.: 93/ 16-12-2019	
15.	Ms. Patil Priya A. Registration No.: Proposal Submitted	



Name of The Guide- Dr. S.S. Patil		
16.	Mr. Patil Rahul N. Registration No.: Proposal Submitted	
17.	Mrs. Bhamare Sunita A. Registration No.: 110/ 21-12-2021	

5. No. of Research Projects Completed/Ongoing by the Center :33

Sr. No.	Name of the Principal Investigator/ Co-Investigator (if applicable)	Project Title	Name of the Funding Agency	Funds provided (INR)	Month and Year of receiving the grant
01	Dr. S.K. Patil	Extraction and Spectrophotometric Determination of Copper(II) in Pharmaceuticals, Alloys, Foodstuffs Cultivated on Polluted Soil and Water Around Industrial Area with Novel Schiff's Base	UGC	70,000	2010-11
02	Dr. S.K. Patil and Dr. S.S. Patil	Synthesis, Characterization Biological Studies on Mixed Ligand Fe(III) Complexes of Some Amino Acids	University of Mumbai	10,000	2010-11



03	Dr. S.K. Patil	Use of Novel Schiff Base for Extraction and Determination of Nickel (II) in Alloys and Vegetable oils by solvent Extraction Method.	University of Mumbai	25,000	2013-14
04	Dr. S.K. Patil	Synthesis and Characterization of Novel Bioactive Coumarin Derivatives.	University of Mumbai	25,000	2016-17
05	Dr. S.K. Patil	Extraction and characterization of flavored tobacco by GC-MS studies and validation of results by GC-FID in order to investigate the hazardous flavor ingredients	RUSA	1,00,000	2020-21
06	Dr. B.V. Jadhav	Synthesis and Characterization of Chemically Deposited Transition Metal Chalcogenide Thin Films	UGC	1,60,000	2011-12
07	Dr. B.V. Jadhav	Synthesis and Characterization of Transition Metal Chalcogenide Thin Film	University of Mumbai	45,000	2008-09
08	Dr. B.V. Jadhav	Synthesis and Characterization of Cd _{0.5} Ni _{0.5} Se Thin Film	University of Mumbai	20,000	2010-11
09	Dr. B.V. Jadhav	Synthesis and Characterization of CdNiSe Thin Films for Photoelectrochemical Solar Cells	RUSA	1,00,000	2020-21
10	Dr. V.D. Patil	Synthesis of Organic Compounds using Solid Supportive Catalyst	University of Mumbai	31,500	2009-10
11	Dr. V.D. Patil	Synthesis of Biologically Active Heterocycles using Solid Supportive Catalyst	University of Mumbai	30,000	2016-17
12	Dr. V.D. Patil	Synthesis, Characterization of Biologically Active Heterocycles using Nano-materials	UGC	2,00,000	2017-18



13	Dr. B.D. Aghav and Dr. S.S. Patil	Synthesis, Characterization and Biological Studies on Mixed Ligand Co(II) Complexes of Some Amino Acids	University of Mumbai	30,000	2010
14	Dr. B.D. Aghav	Synthesis, Spectral, Characterization and Antimicrobial Studies of Some Ternary Cobalt (II) and Cerium (III) Complexes with Novel Schiff Base Containing NOS Donor and N / O Donor Ligands	UGC	1,45,000	2011-12
15	Dr. B.D. Aghav	Preparation, characterization and use of metal doped ceria and ceria nanoparticles in the synthesis of heterocyclic compounds.	RUSA	1,00,000	2020-21
16	Dr. J.S. Thakur	Synthesis and Characterization of Nanoparticles and their Scope in Catalysis	University of Mumbai	25,000	2010-11
17	Dr. J.S. Thakur	Study of Bio-accumulation of Metal in Some Edible Fresh Water Fish From MIDC Industrial Area, Taloja and Patalganga	UGC	1,10,000	2011-12
18	Dr. J.S. Thakur	Synthesis and Characterization of Magnetic Nanoparticles and their Applications in Catalytic Organic Transformations	University of Mumbai	25,000	2016-17
19	Dr. J.S. Thakur	Soil Testing and Study of Agricultural and Nutrient Application Practices in Panvel Tehsil	RUSA	1,00,000	2020-21
20	Dr. S.S. Patil And Dr. S.K. Patil	Synthesis, Characterization and Biological Studies on Mixed Ligand Ni(II) Complexes of Some Amino Acids	University of Mumbai	38,000	2009-10



21	Dr. S.S. Patil	Synthesis, Spectral and Antibacterial Investigations of Some Rare Earth Metal Complexes with Polydentate Ligands.	UGC	450000	2019-20
22	Dr. S.N. Vajekar	Fe ₃ O ₄ @Silica Sulfuric acid nanocatalyst promoted one-pot, three-component greener route to novel 1-H pyridazino[1,2-a] indazoletriones under solvent-free conditions	RUSA	1,00,000	2020-21
23	Dr.V.S. Kamble	Preparation and Characterization of metal doped zinc oxide nanostructures for hazardous gas sensors and applications.	RUSA	1,00,000	2020-21
24	Dr. J.M. Pawara	Physicochemical, Thermal, Spectral and Biological Evaluation of Mixed Ligand Complexes of Inner Transition Metal and their nanoparticles”	RUSA	1,00,000	2022-23
25	Dr. J.G. Pargaonkar	A detailed and systematic study of nanostructures for toxic gases applications	RUSA	1,00,000	2022-23
26	Dr. D.K. Patil	Synthesis of Mixed Ligand Complexes and Study of Their Physicochemical, Spectral, Thermal Properties -(Seed Money Project)	College Seed Money	17,000	2021-22
27	Dr. A.C. Chaskar and Dr. B.P. Langi	Synthesis of Biologically Active Heterocyclic Compounds	University of Mumbai	20,000	2007-08
28	Dr. A.C. Chaskar and Dr. B.P. Langi	Heteropolyacid: A Green Catalyst for Organic Transformations	University of Mumbai	39,000	2008-09
29	Dr. A.C. Chaskar And Dr. B.P. Langi	Synthesis of Bioactive Molecules	UGC	95,000	2007-08



30	Dr. S.B. Mulla and Dr. A.C. Chaskar	Study of the Effective Separation of Metal Ions and Biomolecules by Liquid Membrane Technology	University of Mumbai	40,000	2007-08
31	Dr. S. M Chilate	Removal Study of Organic Dyes using Activated Carbon prepared from Agricultural waste.	RUSA	1,05,000	2022-23
32	Dr. S. M Chilate	Adsorption Study of fluoride ions on alum impregnated activated carbon	University of Mumbai	30,000	2019-20
33	Ms. Kamini Pawar	Preparation of Bismuth from oxide BiFexOy/rGO Electro catalysis application	RUSA	1,00,000	2021-22

6. No. of Research Projects by the Ph.D. Students: 09

Sr. No.	Name	Title of Project	Year	Amount	Funding Agency
1.	Mrs. Maheshwari R. Zirpe and Dr. J.S. Thakur	Synthesis, Characterization of Nanocomposite for Removal of Cationic and Anionic Dyes from Water: Determination of Equilibrium and Kinetic Parameters(ii) Introduction	2020-21	1,00,000	(RUSA)
2.	Mrs. Gayatree V. Shinde and Dr. Jyotsna S. Thakur	Fe-Based Nano-catalyst: Green Synthesis Approach to prepare Heterocyclic Scaffolds.	2020-21	1,00,000	(RUSA)
3.	Mrs. Amruta M. Salve and Dr. V.D. Patil	Effective synthesis of medicinally important Scaffold of Heterocyclic Compounds with the help of Nano-catalyst.	2020-21	1,00,000	(RUSA)
4.	Mr. Tushar S. Umasare and Dr. S.K. Patil	Synthesis, Spectral Characterization and Antimicrobial activity studies of Acenaphthaquinone Schiff Base and its transition metal complexes.	2020-21	1,00,000	(RUSA)



5.	Dr. Baliram T. Vibhute and Dr. S.K. Patil	Synthesis, Spectral characterization and Anticancer study of metal complexes derived from novel Quinoline Schiff Base.	2020-21	1,00, 000	(RUSA)
6.	Mr. Amol D. Pinjarkar and Prof.(Dr.) B.V. Jadhav	Synthesis and Characterization of Nanosized mixed metal oxides by Sol-Gel method: Application as Catalyst	2022-23	1,00, 000	(RUSA)
7.	Mr. Amol K. Nikam and Prof.(Dr.) B.V. Jadhav	Study of Photocatalytic activities of Green Synthesized metal oxide nanoparticles	2022-23	1,00, 000	(RUSA)
8.	Ms. Chaitrali S. Patil and Prof. (Dr.) S.K. Patil	Environmental-friendly synthesis, haracterization, Biological activity of Metal and Metal oxide nanoparticles and their catalytic applications in the synthesis of novel bioactive compounds	2022-23	1,00, 000	(RUSA)
9.	Ms. Priya A. Patil and Dr. B.D. Aghav	Synthesis of Reduced Graphene Oxide-ZnO nanocomposite for Chemosensitive Gas Sensor Application	2022-23	1,00, 000	(RUSA)



7. No. of Research Papers Presented in Seminar/Conferences:123

Sr. No.	Name of Teacher	No. of Papers Presented		Total
		National	International	
1.	Prof. (Dr.) S. K. Patil	11	04	15
2.	Prof. (Dr.) B. V. Jadhav	17	08	25
3.	Prof. (Dr.) V. D. Patil	06	02	08
4.	Dr. B. D. Aghav	08	01	09
5.	Dr. J. S. Thakur	09	06	15
6.	Dr. S. N. Vajekar	08	05	13
7.	Dr. V. S. Kamble	06	08	14
8.	Dr. J. M. Pawara	04	03	07
9.	Dr. J. G. Pargaonkar	01	Nil	01
10.	Dr. D. K. Patil	02	01	03
11.	Ms. S. A. Shaikh	02	01	03
12.	Ms. P. A. Patil	Nil	01	01
13.	Ms. K. J. Pawar	01	01	02
14.	Dr. S. M. Chilate	02	Nil	02
15.	Dr. V. M. Shedekar	04	01	05
	Total	81	42	123

8. No. of Research Papers Published in Conference Proceedings: 24

Sr. No.	Name of Teacher	No. of papers in conference proceeding		Total
		National	International	
1	Prof. (Dr.) S. K. Patil	05	04	09
2	Prof. (Dr.) B. V. Jadhav	Nil	01	01
3	Prof. (Dr.) V. D. Patil	08	02	10
4	Dr. B. D. Aghav	01	Nil	01
5	Dr. J. S. Thakur	01	01	02
6	Dr. S. M. Chilate	01	Nil	01
	Total	16	08	24



9. No. of Research Publications: 218

Sr. No.	Name of Teacher	No. of papers in peer reviewed/ Refereed journal		No. of papers in UGC care listed journal	Total
		National	International		
1.	Prof. (Dr.) S. K. Patil	07	08	18	33
2.	Prof. (Dr.) B. V. Jadhav	Nil	Nil	35	35
3.	Prof. (Dr.) V. D. Patil	08	30	18	56
4.	Dr. B. D. Aghav	Nil	07	04	11
5.	Dr. J. S. Thakur	Nil	Nil	21	21
6.	Dr. S. S. Patil	Nil	Nil	08	08
7.	Dr. S. N. Vajekar	Nil	Nil	07	07
8.	Dr. V. S. Kamble	Nil	01	09	10
9.	Dr. J. M. Pawara	Nil	04	08	12
10.	Dr. J. G. Pargaonkar	02	01	Nil	03
11.	Dr. D. K. Patil	01	01	06	08
12.	Ms. S. A. Shaikh	Nil	Nil	05	05
13.	Ms. P. A. Patil	Nil	01	Nil	01
14.	Ms. K. J. Pawar	Nil	01	Nil	01
15.	Dr. S. M. Chilate	Nil	01	01	02
16.	Dr. V. M. Shedekar	Nil	Nil	05	05
	Total	18	55	145	218

10. Copyrights/Patents:

Sr. No.	Name	Title of Patent	Year	Title of the Patent	Patent Number	Patent Filed/ Granted
01	Dr. B. D. Aghav	Process for the preparation of 2-amino-4,5,6,7 tetrahydro-6-aminobenzthioles from cyclohexanes and cyclohexanones as intermediates	18/5/2006	U.S. Patent	US 7868029 B2	11/01/2011



02	Dr. B. D. Aghav	Process for the preparation of 2-amino-4,5,6,7 tetrahydro-6-aminobenzthioles from cyclohexanes and cyclohexanones as intermediates	14/3/2005	Canadian Patent	CA 2498945 C	8 th November 2011
03	Dr. B. D. Aghav	Process for the preparation of 2-amino-4,5,6,7 tetrahydro-6-aminobenzthioles from cyclohexanes and cyclohexanones as intermediates	22/7/2009	European Patent	EP 154298 1 B1	22 nd July 2009
04	Dr. B. D. Aghav	Process for the preparation of 2-amino-4,5,6,7 tetrahydro-6-aminobenzthioles from cyclohexanes and cyclohexanones as intermediates	1/4/2004	World Intellectual Property Organization	WO 2004/026850 A1	----- ----
05	Sunil Patil, Bhushan Langi, Rushikesh Deokar	Synthesis of Novel Biologically Active Mixed Ligand Yttrium(III) Complexes	2015		No.- 3909/Mum/2015 Issue No.44/2015	Copyright Filed
06	Dr. Vrushali M. Shedekar	Process for catalytic reclamation of silver present in photo processing waste	23 January 2019	Indian patent	2019210 02716	Filed



11. Participation of Learners in Avishkar Research Convention

- **Mr. Deokar Hrushikesh Prabhakar Kalpana**
M.Sc. (By Research)
Gold Medal at Research Convention 'Avishkar', University of Mumbai (2011-2012)
Second Prize at Raigad District Research Convention 'Avishkar', University of Mumbai (2008-2009)
- **Mr. Aghav Balasaheb Dagadu Kusum,**
Research Scholar, Ph.D. Science in the Subject of Chemistry
Silver Medal at Research Convention 'Avishkar', University of Mumbai (2011-2012)
- **Mr.Sutar Nagesh Raghunath**
Research Scholar, Ph.D. Science in the Subject of Chemistry
Gold Medal at Research Convention 'Avishkar', University of Mumbai (2016-2017)
- **Mr.Patil Ketan Padmakar Pushpa**
Research Scholar, Ph.D. Science in the Subject of Chemistry
Gold Medal at Research Convention 'Avishkar', Inter University at Pune (2016-2017)
- **Miss Jadhav Sunita Baburao Aruna**
Research Scholar, Ph.D. Science in the Subject of Chemistry
Gold Medal at Research Convention 'Avishkar', Inter University at Swami Ramanand Teerth Marathwada University, Nanded (2017-2018)
- **Ms. Pinjarkar Amol Digambar**
Research Scholar, Ph.D. Science in the Subject of Chemistry
Gold Medal at Research Convention 'Avishkar', University of Mumbai (2021-2022)



Glimpses of Felicitation Of The Achievers For Their Achievements In Avishkar Research Convention




Janardan Bhagat Shikshan Prasarak Sanstha's
**Changu Kana Thakur Arts, Commerce & Science College,
 New Panvel (Autonomous)**

Research Centre in Science in the subject of Biotechnology


1. Information of the Research Centre

1.	Name of the Incharge of center	:	Dr. Seema S. Kokitkar
2.	Date of the establishment:	:	17/10/2015
3.	No. of research guides at present	:	01
4.	Intake Capacity of the Research Centre	:	05
5.	No. of the Ph.D. Scholars awarded PhD degree till date	:	Nil
6.	No. of the Ph.D. Students enrolled for the Ph.D. at the centre	:	05

2. Research Guides in Science in the subject of Biotechnology

Sr. No.	Name of the Research Guide & Designation	Date of Recognition with Letter No.	
1.	Dr. (Mrs.) Seema S. Kokitkar Designation- Assistant Professor & Head Department of Biotechnology	PG/2/ICD/2015- 16/44646 /9-6-2015	

3. No. of the students pursuing Ph.D. at the Centre: 05

Research Guide: Dr. (Mrs.) Seema S. Kokitkar		
Sr. No.	Name of The Student	
1.	Ms. Bhagat Shweta Ashok Anjali Registration No.: 59/02-09-2016 Topic: Development and optimization of novel microbial consortium and lignocellulolytic enzyme cocktail for efficient hydrolysis of lignocellulosic waste. THESIS SUBMITTED	



2.	<p>Ms. Nanekar Rupali Dinbandhu</p> <p>Registration No.: 82, 23/10/2018</p> <p>Topic: Isolation of novel microorganisms from oil contaminated soil and development of a novel microbial consortium for biodegradation of petroleum hydrocarbons.</p>	
3.	<p>Mrs. Rajaguru Bindu</p> <p>Registration No.: 84, 27/11/2018</p> <p>Topic: Micropropagation and Elicitation Studies in <i>Quisqualis indica</i> and Exploring its Potential as a Nutraceutical.</p>	
4.	<p>Mrs. Sawant Smita Viplav</p> <p>Registration No.: 97, 09/01/2020</p> <p>Topic: Combination Therapy a Green Anticancer Approach: Design and Development of a Novel Polyherbal Formulation with Anticancer Potential and its Combination with Synthetic Drugs for Breast Cancer Therapy.</p>	
5.	<p>Mrs. Nile Bhawana Prashant</p> <p>Registration No.: 100, 10/02/2020</p> <p>Topic: Isolation and Characterization of Cholesterol Oxidase from Novel Isolates and Development of Nanoformulation to Enhance its Therapeutic potential as an Anticancer agent against Breast and Lung Cancer Cell Lines .</p>	
6.	<p>Ms. Latika L. Patil</p> <p>Registration No.: Proposal to be submitted</p>	



4. No. of Research Projects Completed/Ongoing

Sl. No.	Name of the Principal Investigator/ Co-Investigator	Project Title	Name of the Funding Agency	Funds provided (INR)	Year of receiving the grant
1.	Dr. (Mrs.) S.S. Kokitkar	Effect of Salt stress on carotenoid content in different food sources.	University of Mumbai	30,000/-	2006-2007
2.	Dr. (Mrs.) S.S. Kokitkar	Effect of Salinity on Callus of <i>Jatropacurcus</i> L. & role of osmolytes.	University of Mumbai	35,000/-	2010-2011
3.	Dr. (Mrs.) S.S. Kokitkar	Isolation, Purification and Characterization of protease and lipase from isolates in Raigad district and their comparative study in oil degumming for Biodiesel Production.	UGC	2,00,000/-	2010-2012
4.	Dr. (Mrs.) M.N. Gurav	Hydrological study of river kalundri for water Quality monitoring.	University of Mumbai	30,000/-	2011-2012
5.	Dr. (Mrs.) M.N. Gurav	Effect of Anthropogenic activities on water quality and planktonic diversity of river Ghadi.	UGC	1,35,000/-	2011-2012
6.	Dr. (Mrs.) S.S. Kokitkar	Punica Granatum peel and Citrulluslanatus rind mediated green synthesis of copper nanoparticles an ecofriendly approach.	University of Mumbai	30,000/-	2014-2015



7.	Dr. (Mrs.) S.S. Kokitkar	Production, Purification and Immobilization of β -glucosidase from Cellulolytic Isolates of Raigad District and to Check Its Potential for Hydrolysis of Lignocellulosic Biomass for Bioethanol Production	UGC	4, 50,000/-	2017-2018
8.	Mrs. L.R. Chavan	Potential of immobilized silicate solubilizing bacteria from rhizospheric soil in Raigad district to alleviate metal phyto toxicity	University of Mumbai	40,000/-	2016-2017
9.	Mr. S.S. Ghadage	Isolation, Purification and Characterization of antibacterial Peptide from soil in Panvel Region	University of Mumbai	30000/-	2018-2019
10.	Dr. S.S. Kokitkar and Mrs. L.R. Chavan, Mr. S.S. Ghadage and Ms. R.D. Nanekar	Management of Local Fish waste by turning it into a valuable organic fertilizer: An ecofriendly approach.	RUSA	1,00,000/-	2020-2021
11.	Mrs. L. R. Chavan	Encapsulated Bio-fertilizer for salinity stress mitigation	Institutional Seed Money	15,000/-	2021-2022
12.	Mr. S.S. Ghadage	Isolation Of IAA producing bacteria and Its Effect on Plant growth	Institutional Seed Money	27000/-	2022-2023



13.	Dr. S. S. Ghangale Co-PI Dr. S.S. Kokitkar	To Study the therapeutic effect and Phytochemical properties of <i>Nelumbo nucifera</i> (Indian Lotus) seed and its application.	RUSA	1,05,000/-	2022-2023
14.	Dr. A. D. Watharkar Co-PI Dr. S.S. Kokitkar	Development of lab and pilot scale bioreactor for the treatment of a real textile effluent and subsequent toxicity studies in concern with public health in Maharashtra	RUSA	1,00,000/-	2022-2023
15.	Ms. B. R. Suryawanshi Co-PI Dr. S.S. Kokitkar	Screening, isolation and characterization of cholesterol oxidase from novel microorganisms	RUSA	1,00,000/-	2022-2023

5. No. of research Papers presented in seminar/Conferences

Sr. No.	Name of Teacher	No. of Presentations in conferences		Total
		National	International	
1.	Dr. (Mrs.) S.S. Kokitkar	01	01	02
2.	Ms. Shweta A. Bhagat Dr. (Mrs.) S.S. Kokitkar	--	02	02
3.	Ms. Shweta A. Bhagat	01	01	02
4.	Ms. Smita V. Sawant Dr. (Mrs.) S.S. Kokitkar	--	02	02
5.	Dr. S.S. Ghangale	--	01	01
6.	Ms. Rupali D. Nanekar Dr. (Mrs.) S.S. Kokitkar	--	01	01
7.	Mrs. L. R. Chavan	--	01	01
Total		02	09	11



6. No. of research Publications

Sr. No.	Name of Teacher	No. of papers in peer reviewed/ Refereed journal		No. of papers in UGC care listed journal	Total
		National	International		
1.	Dr. (Mrs.) S.S. Kokitkar	05	--	04	09
2.	Mr. S.S. Ghadage	01	--	--	01
3.	Mrs. L. R. Chavan	01	--	01	02
		07	--	05	12

7. Copyrights:

Sr. No.	Name	Title of Copyright	Year	Copyright Registration Number	Copyright Granted
01	Dr. Seema Kokitkar and Ms. Rupali D. Nanekar	Comparative analysis between <i>Ascophyllum nodosum</i> extract & fruit peels waste extract on germination & growth of mung bean	2021-2022	L-114366/2022	Granted
02	Dr. Seema Kokitkar and Ms. Shweta A. Bhagat	Effect of Fe ₃ O ₄ (Iron oxide) nanoparticles on the growth of Salt stressed Lablab purpureus	2022-2023	L-117620/2022	Granted



8. Participation and Achievements learners in Avishkar research convention All the Research scholars actively participated in the Avishkar research convention at various levels. Research scholars have been awarded best research paper award at various seminars and Conferences.

Sr. No.	Name of the Student	Category	Year	Level	Achievement
1.	Ms. Shweta A. Bhagat	C-4/PPG	2018-19	University	Silver Medal
2.	Ms. Rupali D. Nanekar	C-3/PPG	2021-22	University	Consolation Prize
3.	Mrs. Rajaguru Bindu	C-3/TH	2021-22	University	Gold Medal
4.	Ms. Rupali D. Nanekar	C-3/PPG	2022-23	University	Consolation Prize

9. Achievements of the research guide and learners

- Dr. Seema Kokitkar, Ms. Shweta A. Bhagat, Ms. Rupali D. Nanekar and Ms. Bhawana Nile: 20 Bacterial gene sequences has been deposited in GenBank (NCBI). Accession number was provided to individual isolates.
- Dr. Seema Kokitkar is chairperson of Avishkar Research association from (2012-2013- till date)- College won 05 times overall championship of Avishkar at University of Mumbai and 02 times overall runners-up championship of Avishkar at University of Mumbai under her chairpersonship.
- She is also the member secretary of research & development cell CKT College at present.



GLIMPSES OF FELICITATION OF THE ACHIEVERS FOR THEIR ACHIEVEMENTS at AVISHKAR RESEARCH CONVENTION




Janardan Bhagat Shikshan Prasarak Sanstha's
**Changu Kana Thakur Arts, Commerce & Science College,
 New Panvel (Autonomous)**

Research Centre in Arts in the subject of Hindi

1. Research Centre Information

	Name of the Incharge of center	:	Prof. Dr. U.T. Bhandare
	No. of research guides at present	:	01
3.	Intake Capacity of the Research Centre	:	05
4.	No. of the Ph.D. Scholars awarded PhD degree till date	:	--
5.	No. of the Ph.D. Students enrolled for the Ph.D. at the centre	:	04

3. Research Guides in Arts in the subject of Hindi

Sr. No.	Name of the Research Guide & Designation	Date of Recognition with Letter No.	
1.	Dr. U.T. Bhandare Designation- Professor & Head Department of Hindi	11-01-2013 NO.PG/2/ICD/ 2012-2013/20240	

2.No. of the students pursuing Ph.D. at the Centre at Present-05

Name of the Guide- Dr. U.T. Bhandare			
Sr. No.	Name of The Student	Topic	Registration No.
1.	Mr. Unnati Deenanath Mishra	डॉ. हरिवंशराय बच्चन की आत्मकथाओं में अभिव्यक्ति समय, समाज और शिल्प	44, 21/08/2015
2.	Mr. Krishnat Ishwara Khandekar	इक्कीस्वी सदी की सन्दर्भ में राजेश जोशी का साहित्य	67/31-07-2017
3.	Mr. Prakash Vitthal Sonawane	हिंदी जनसंचार मध्यमों में आम आदमी की भूमिका	2554, 14/07/2015
4.	Mr. Bhushan Gharat Sadanand	भीष्म साहनी के उपन्यासों में अभिव्यक्ति समाज	81 (A), 01/09/2018



5.	Mr. Ashok Kumar Vashistha	बीसवी सदी की ग्रामीण हिंदी कहानियों का समाजशास्त्रीय अध्ययन	106/30/062021
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4. No. of Projects Completed by the Center

Name of the Principal Investigator	Project Title	Name of the Funding Agency	Funds provided (INR)	Month and Year of receiving the grant
MAJOR PROJECT				
Prof. Dr. U.T. Bhandare	हिंदी और मराठी दलित साहित्य मी अभिव्यक्त भारतीय समाज : सर्वेक्षणात्मक अध्ययन	UGC	10,14,600/-	2015 -2016
MINOR PROJECT				
Prof. Dr. U.T. Bhandare	हिंदी उपन्यासों में चित्रित वैश्या जीवन की समस्याएँ कारण और उसका हल	University of Mumbai	35,000/-	2011-2012
Prof. Dr. U.T. Bhandare	हिंदी और मराठी दलित आत्मकथाओं में अभिव्यक्त समाज : एक तुलनात्मक अध्ययन (अपने-अपने पिंजरे और अताल-अंतराल के विशेष सन्दर्भ में)	University of Mumbai	24,000/-	2014-2015
Prof. Dr. U.T. Bhandare	सोशल मीडिया का युवाओं पर पड़ता प्रभाव	RUSA	1,00,000/-	2020-2021
Mr. Bhushan Gharat	भीष्म साहनी के उपन्यासों में मानवतावाद	RUSA	1,00,000/-	2020-2021

5. No. of Paper Published

Sl. No.	Name Of The Authors	Publication In Peer Reviewed / Referred Journal		Anugoonj	Total
		International	National		
1.	Prof. Dr. U.T. Bhandare	23	02	07	31

Books authored:

		No. of the Books/Chapter
National Publisher	:	08
Chapter in edited book	:	04
Edited book by National publisher	:	01



6. Achievements in Avishkar Research Convention

Sr. No.	Name of the Student	Category / level	Level	Achievement
1.	Mr. Khandekar Krishnat Ishwara Sonabai (2015-2016)	C-1/PPG	University	Silver Medal



Mr. Khandekar Krishnat Ishwara Sonabai receiving certificate for university round silver medal-2015-2016



Janardan Bhagat Shikshan Prasarak Sanstha's
**Changu Kana Thakur Arts, Commerce & Science College,
New Panvel (Autonomous)**



Research Centre in Arts in the subject of English

1.	Name of the In-Charge of center	:	Dr. R. V. Yeole
2.	Date of the establishment:	:	1st July 2022
3.	No. of research guides at present	:	02
4.	Intake Capacity of the Research Centre	:	12
5.	No. of the Ph.D. Scholars awarded PhD degree till date	:	Nil
6.	No. of the Ph.D. Students enrolled for the Ph.D. at centre	:	-

1. Objectives of the Research Center in English

- To inculcate research aptitude and acumen in English Literature.
- To develop interest in research in English Language and Literature.
- To understand importance of research methodology in English.
- To explore new horizons and thematic concerns in the realm of English Literature.
- To enhance creative faculty of the researchers through publishing research papers in various international journals.

2. Research Guides in Arts in the Subject of English

Sr. No.	Name of the Research Guide	Date of Recognition with Letter No.	
1	Dr. Rajesh. V. Yeole Designation Assistant Professor and Head Department of English	15 th March 2019	
2	Dr. Pramod. B. Patil Designation Assistant Professor	16 th July 2022	



3. No. of Research Projects Completed/Ongoing

Sl. No.	Name of the Principal Investigator	Project Title	Name of the Funding Agency	Funds provided (INR)	Year of receiving the grant
1.	Dr. R. V. Yeole, Abid Inamullha	Comparative Study of Indian and Afghan Under Graduate Students challenges in Learning English as a Second Language	RUSA	100000/-	2021-22
2.	Dr. R. V. Yeole	A Study of Enhancement of Communicative Competence in English for Vernacular Learners	University Grants Commission	50,000	2015
3.	Dr. R. V. Yeole	Empowerment of Communication Skills in English to Vernacular Medium Learners	University of Mumbai	20,000	2008
4.	Mr. S.N. Parkale	Mapping the Caste and Gender Discrimination in Select Dalit Autobiographies	RUSA	100000/-	2021-22
5.	Ms. R.R. Agalave	Linguistic Structural Study of AgriMarathi Language: Special Reference to Lexis, Sound and Structure”	College, Seed Money	15000/-	2022-23
6.	Mr. A.M. Hiray	The Study of Linguistic Skills of Students from Bachelor of Management Studies at Undergraduate Level	C.K.T. A.C.S. College, New Panvel (Autonomous)	10000/-	2022-23

4. No. of research Papers presented in seminar/Conferences by Guides

Sr. No.	Name of Teacher	No. of Presentations in conferences		Total
		National	International	
1.	Dr. R. V. Yeole	8	13	21
2.	Dr. Pramod. B. Patil	7	5	12
Total		15	18	33



5. No. of research Publications by Guides

Sr. No.	Name of Teacher	No. of papers in peer-reviewed/ Refereed journal		Papers in UGC Care	Total
		National	International		
1.	Dr. R. V. Yeole	5	1	4	10
2.	Dr. Pramod. B. Patil	5	2	-	7
Total		10	3	4	17

6. Participation and Achievements of Research Guide in Avishkar Research Convention-

Four Times Gold Medalist in Avishkar Research Convention, University of Mumbai

Sr. No.	Title of the Avishkar Research Project	Year	Achievement
1	Innovative and Effective Strategies to Learn English as a Second Language	2011-12	Gold Medal
2	Strategies for Enhancement of Communicative Competence in English amongst Socio-Economically Disadvantaged Learners	2012-13	Gold Medal
3	Quest for Development of Communicative Competence in English amongst Under-Privileged Learners	2013-14	Gold Medal
4	Best Practices to Strengthen Communication Skills in English amongst Under- Graduate Learners	2014-15	Gold Medal



Received Certificate of Appreciation for presenting a research paper at the 27th NELTA International Conference 2023 held on 17-19 February at DAV Sushil Kedia Vishwa Bharati School, Jawalkhel, Lalitpur, Nepal.





Janardan Bhagat Shikshan Prasarak Sanstha's

CHANGU KANA THAKUR

Arts, Commerce and Science College, New Panvel (Autonomous)

Re-accredited 'A+' Grade by NAAC (3rd Cycle CGPA 3.61)

'College with Potential for Excellence' Status Awarded by University Grants Commission

'Best College Award' by University of Mumbai

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