

# CURRICULUM-VITÆ



## Personal Information:

Name	: Dr. Dnyaneshwar Manik Sirsat
Designation	: Assistant Professor of Chemistry
Subject with Specialization	: Organic Chemistry
Date of Birth	: 09 September 1987
Gender	: Male
Religion and Caste	: Hindu-Maratha
Present Address	: Anandibai Raorane Arts, Commerce & Science College, Vaibhavwadi, Taluka – Vaibhavwadi, Dist – Sindhudurg. PIN- 416810
Residential	: A/P- Padsali, Tal- North Solapur, Dist- Solapur. PIN- 413222.
Email ID	: <a href="mailto:sirsatdm999@gmail.com">sirsatdm999@gmail.com</a>
Contact No	: 09403867293
Date of Appointment	: 1 <sup>st</sup> March 2014
Hobbies	: Reading, Writing Poem/ Script.
(Link for detail- <a href="https://www.youtube.com/channel/UCrICZ4q7dSS7UlfoaZWmo5Q/videos">https://www.youtube.com/channel/UCrICZ4q7dSS7UlfoaZWmo5Q/videos</a> )	

## 1) Position held and Administrative Experience (University Level):

- Member of The Board of Sub-Campuses University of Mumbai
- Member of syllabus committee University of Mumbai
  1. Applied Component (T.Y.B.Sc.)
- Avishkar Sindhudurg District Co-coordinator, University of Mumbai (Academic Year 2018-19 to till date)
- Recognized PG teacher in Organic Chemistry (University of Mumbai)

## Position held and Administrative Experience (College Level):

### Administrative Experience

#### Chairman of committees

1. Head Department of Chemistry
2. IQAC Co-ordinator (AY 2019-20 to ----)
3. Gymkhana Committee (AY 2018-19)
4. Staff Academy (AY 2015-16 to AY 2017-18)
5. Academic Calendar & Planning (AY 2014-15 to Till Date)
6. Competitive Exam & Placement Cell (AY 2015-16)
7. Research Committee & Avishkar Committee (AY 2014-15 to AY 2017-18)

#### Member of Committees

1. Member of IQAC Committee. (AY 2014-15 to Till Date)
2. Member of RUSA-UGC Committee (AY 2014-15 to Till Date)
3. Member of Discipline Committee. (AY 2014-15 to Till Date)
4. Member of Magazine Committee (AY 2016-17 to Till Date)
5. Member of Purchase Committee (AY 2018-19 to Till Date)
6. Member of Student Council (AY 2018-19 to Till Date)
7. Member of Alumni Committee (AY 2014-15 to Till Date)
8. Member of Science Association Committee (AY 2014-15 to Till Date)
9. Member of Parent-Teacher Association (AY 2014-15 to Till Date)
10. Member of Mentoring Committee (AY 2018-19 to Till Date)
11. Member of Bhattipatruk Committees. (AY 2017-18)

## 2) Academic Profile:

### I. Educational Qualifications

Qualification	University / Board	Mark Obtained	Class Obtained	Year of Passing
Ph.D	Solapur University, Solapur	----	Completed	July 2020
NET	CSIR	----	Qualified with UGC-JRF	June 2011

SET	UGC & Pune University		Qualified	Dec. 2010
M.Sc. (Org. Chem.)	Solapur University	71.88%	First with Dist.	April 2010
B.Sc.	Solapur University	61.33%	First Class	April 2008
H.S.C.	Pune Board	61.33%	First Class	April 2005
S.S.C.	Pune Board	64.51%	First Class	April 2003
Certificate Course in Textile Chemistry	Solapur University	A Grade	A Grade	April 2007
Certificate Course in Apiculture	Maharashtra State Khadi & Village Industries Board.	A Grade	A Grade	April 2008

## II. Teaching Experience:

Sr. No	Name of Institute	Designation	Experience with duration
1	Arts, Commerce & Science College Lanja (Ratnagiri)	Assistant Professor in Chemistry	01 year
2	University of Mumbai- Sub-center Ratnagiri	Assistant Professor in Chemistry	01 year
3	Anandibai Raorane Arts, Commerce and Science College, Vaibhavwadi. (Sindhudurg)	Assistant Professor in Chemistry	Since 01/03/2014 till date

## III. Computer Literacy:

- Maharashtra State - Certificate in Information Technology (MS-CIT) (Oct- 2005) of MSBTE. With 86%

### 3) Honors , Awards, Rewards and Prizes

- University 2<sup>nd</sup> ranker in M.Sc. Organic Chemistry (Solapur University, Solapur)
- Junior Research Fellowship awarded by UGC, New Delhi, India (June 2011)
- 1<sup>st</sup> rank in poster presentation on “An efficient and green synthesis of 4,4’-(arylmethylene)-bis-(1H-5-pyrazol-5-ols) by tandem Knoevengel-Michael reaction” in national seminar on current Trends in Organic Chemistry Research held at Karmaveer Bhaurao Patil Mahavidyalaya, Pandharpur, Dist- Solapur on February 6<sup>th</sup>& 7<sup>th</sup> 2015.
- 1<sup>st</sup> rank in poster presentation on “Synthesis and Biological Screening of (E)-1-(4-methyl-2-phenylthiazol-5-yl)-3-(1,3-diphenyl-1H-pyrazol-4-yl)prop-2-en-1-one derivatives as potent anti-microbial agent” in An Emerging Trends in Pharmaceutical Chemistry held at S.P.K. College, Sawantwadi, Dist-Sindhudurg on 22<sup>nd</sup> January, 2020.

### 4) Orientation/ Refresher

- Successfully completed orientation programme at UGC – HRDC Goa University, Goa during 8<sup>th</sup> February, 2018 to 7<sup>th</sup> March, 2018 with A Grade.
- Successfully completed refresher course at UGC – HRDC Mumbai University, Mumbai during 31<sup>st</sup> October, 2019 to 13<sup>th</sup> November, 2019 with A Grade.

### 5) Other Activity

- 1) Completed two years in NSS

### 6) Social & Extension Work

- 1) Actively Participated in activities of Maharashtra Vivekvahini
- 2) Actively Participated in Blood Donation Camp
- 3) Participated in Training program for Extension Teachers held at University of Mumbai on 24<sup>th</sup> September 2013.
- 4) Participated in Training program for Extension Teachers held at University of Mumbai on 29<sup>th</sup> Nov. 2013.

- 5) Worked as an Organizing Committee Member of one day workshop on “Career Opportunities After 10<sup>th</sup> & 12<sup>th</sup>” Organized by Umed Foundation Vaibhavwadi on 25<sup>th</sup> March, 2018.
- 6) Actively participated and Contributed in Notebook Distribution Programme to economically poor students Organized by Umed Foundation on 27<sup>th</sup> June, 2018.
- 7) Successfully organized Tree Plantation Programme and Planted 5000 plants at Padsali, Tal- North Solapur sponsored by SEBC, Ratnagiri and Himalaya Drugs Company, Bengaluru on 27<sup>th</sup> & 28<sup>th</sup> July, 2018.
- 8) Actively participated in “Satymev Jayate Water Cup Competition-2018” held at Village – Padsali, Tal- North Solapur Dist – Solapur organized by “Pani Founadation Team Maharashtra” in May-2018.
- 9) Participated in “Indigenous Tree Plantation Programme 2018” organized by A. R. A. C. S. College, Vaibhavwadi & SEBC, Ratnagiri and Supported by Himalaya Drugs Company, Bengaluru on 12<sup>th</sup> October, 2018.
- 10) Successfully organized “Anandibai Raorane Smruti Chashak-2018” State Level Intercollegiate Kabaddi Competition at A. R. A. C. S. College, Vaibhavwadi on 8<sup>th</sup> December, 2018.

## **7) Resource Person / Guest Lecture**

- 1) Worked as an Examiner in Taluka Level Science Festival organized by Panchayat Samiti Vaibhavwadi, Dist- Sindhudurg on 23<sup>rd</sup> July 2014.
- 2) Worked as an Examiner in Taluka Level “Rashtriya Vidnyan Natya Utsav” organized by Panchayat Samiti” Vaibhavwadi. Dist- Sindhudurg on 13<sup>th</sup> August 2015.
- 3) Actively participated & delivered lecture on “Career Guidance” in NSS residential camp at Lore no.02 of ARACS College Vaibhavwadi on 4<sup>th</sup> January 2016.
- 4) Delivered lecture on “Career in Science” in Welcome function programme of 11<sup>th</sup> Std. students of Achirne Arts, Commerce & Science Junior College, Achirne on 11<sup>th</sup> July, 2016.

- 5) Worked as an Examiner in Taluka Level Science Exhibition Cum Competition organized by Panchayat Samiti Vaibhavwadi, Dist- Sindhudurg on 22<sup>nd</sup> November, 2017.
- 6) Delivered lecture on “Chemistry of Love, Depression & Drugs” in inspire lecture series held at Anandi College, Gaganbawada on 20<sup>th</sup> January, 2018.
- 7) Delivered lecture on “Heterocyclic Chemistry” at Abasaheb Marathe College, Rajapur for S.Y B.Sc. students on 4<sup>th</sup> April, 2018 under Faculty Exchange Programme.
- 8) Delivered lecture on “Alternatives & Better Fuel” at Padmashri. Dr. G. G. Jadhav Mahavidyalaya, Gaganbawada on 24<sup>th</sup> August, 2018.
- 9) Delivered lecture on “Organic Reaction Mechanism” at S. R. M. College, Kudal for M.Sc-II students on 29<sup>th</sup> November, 2018.
- 10) Delivered lecture on “Sindhudurg- Water Conservation and Water Management” in state level NSS residential camp jointly organized by University of Mumbai and NSS department of A. R. A. C. S. College, Vaibhavwadi on 7<sup>th</sup> December, 2018.
- 11) Delivered lecture on “Sindhudurg- Water Management” in NSS residential camp organized by NSS department of Phanasgaon College, Phanasgaon on 13<sup>th</sup> January, 2018.
- 12) Delivered lecture on “Water Management is Need of Time” in NSS residential camp organized by NSS department of Padmashri. G. G. Jadhav College, Gaganbawada on 20<sup>th</sup> January, 2019.
- 13) Delivered lecture on “IR Spectroscopy” at Abasaheb Marathe College, Rajapur for T.Y B.Sc. students on 30<sup>th</sup> January, 2019 under Faculty Exchange Programme.
- 14) Delivered lecture on “Water Conservation and Me” in district level NSS residential camp organized by NSS department University of Mumbai and Kharepatan College, Kharepatan on 28<sup>th</sup> February, 2019.
- 15) Delivered lecture on “Organic Reaction Mechanism” at A. S. P. College, Devrukh for M.Sc-I students on 10<sup>th</sup> February, 2019.

- 16) Delivered lecture on “Periodic Table and Periodic Property” at Pad. Dr. G. G. Jadhav College, Gaganbawada on 27<sup>th</sup> September, 2019
- 17) Delivered lecture on “Free Radical Reactions in Organic Synthesis” at S.H. Kelkar College, Devgad for M.Sc-II students on 25-26 November, 2019
- 18) Delivered lecture on “Organic Farming” in district level theme based workshop on Organic Farming and Organic Fertilizers organized by NSS, A.R.A.C.S. College, Vaibhavwadi on 19<sup>th</sup> December, 2019.
- 19) Delivered lecture on “Personality Development” in NSS residential camp organized by Arts and Commerce College, Phondaghat on 20<sup>th</sup> December, 2019
- 20) Delivered lecture on “NSS and Personality Development” in NSS residential camp organized by Pad. Dr. G. G. Jadhav Arts and Commerce College, Gaganbawada on 24<sup>th</sup> January, 2020

## 8) Research Achievements:

<b>No. of Paper Published in International Research Journal</b>	<b>07</b>
<b>No. of Research Paper Published in Proceedings of National and International Conferences/symposia/Workshops/Seminars</b>	<b>02</b>
<b>No. of Book Published</b>	<b>02</b>
<b>No. of Research Project (Minor)</b>	<b>01</b>
<b>No. of Prizes in Presentation</b>	<b>02</b>
<b>No. of Research Paper Abstracted in Souvenirs of National and International Conferences/symposia/Workshops/Seminars</b>	<b>13</b>
<b>No. of National Seminar/Conference/Workshop Attended</b>	<b>09</b>
<b>No. of National International Conference Attended</b>	<b>01</b>
<b>No. of State Level/ Regional Workshop Attended</b>	<b>21</b>
<b>No. of Workshop/ Seminar/ Conference Organized</b>	<b>12</b>
<b>No. of Workshop/ Seminar chaired as a Resource Person</b>	<b>04</b>

### **Seminar /Conference/Workshop organized:**

- 1) Worked as an Convener of one day district level workshop on “Avishkar Research Convention 2014-15” jointly organized by Department of Student Development, University of Mumbai and A.R.A.C.S. College, Vaibhavwadi on Wednesday 30<sup>th</sup> July 2014
- 2) Worked as an Convener of one day university level workshop on “Revised Syllabus with Choice Based Credit System (CBCS) for First Year B.Sc.” jointly organized by BOS in Chemistry, University of Mumbai and Department of Chemistry A.R.A.C.S. College, Vaibhavwadi on 30<sup>th</sup> July 2016
- 3) Worked as an Organizing Committee Member of one day National Workshop on “Group Theory & Its Application” organized by Department of Mathematics, A.R.A.C.S. College, Vaibhavwadi on 25<sup>th</sup> February 2016
- 4) Worked as an Convener of State level Research Paper Presentation on “Innovative Research in Science and Technology-2017” jointly organized by Research Committee and Science Association, A.R.A.C.S. College, Vaibhavwadi on 11<sup>th</sup> February 2017
- 5) Worked as an Organizing Secretary of one day national seminar on “Revised Assessment & Accreditation Methodology by NAAC” organized by IQAC, A.R.A.C.S. College, Vaibhavwadi on 19<sup>th</sup> December, 2017.
- 6) Worked as an Organizing Secretary of one day state level workshop on “Enhancement of Academic and Administrative Quality Culture in Higher Education Institutes” organized by IQAC, A.R.A.C.S. College, Vaibhavwadi on 4<sup>th</sup> September, 2018.
- 7) Worked as an Organizing Secretary of one day district level workshop on “Importance of Medicinal Plants & Its Conservation” jointly organized by Department of Chemistry and Department of Botany, A.R.A.C.S. College, Vaibhavwadi on 13<sup>th</sup> October, 2018.
- 8) Successfully organized district level selection round of “Avishkar Research Convention 2018-19” jointly organized by Department of Student Development, University of Mumbai and A.R.A.C.S. College, Vaibhavwadi on 16<sup>th</sup> December, 2018.



- 9) Worked as a Joint Secretary of one day International Multidisciplinary Conference on “Recent Trends in Library, Science and Technology, Humanities, Commerce and Management” jointly organized by IQAC and Library Committee, A.R.A.C.S. College, Vaibhavwadi on 21<sup>st</sup> December, 2018.
- 10) Worked as a Convener of one day workshop on “Laboratory Safety” organized by Department of Chemistry, A.R.A.C.S. College, Vaibhavwadi on 20<sup>th</sup> March, 2019.
- 11) Worked as an Organizing Secretary of one day state level workshop on “Intellectual Property Law” organized by IQAC, A.R.A.C.S. College, Vaibhavwadi on 10<sup>th</sup> April, 2019.
- 12) Worked as an Organizing Committee Member of 14<sup>th</sup> State Inter-University Avishkar Research Convention: 2019-20 organized by University of Mumbai on January 28-31, 2020.

#### **Resource/Chair Person for Workshop/ Conference/ Seminar:**

- 1) Delivered lecture in one day regional workshop on “Laboratory Safety” organized by IQAC and Department of Chemistry, Abasaheb Marathe Arts, Commerce and Science College, Rajapur, Dist-Ratnagiri on 13<sup>th</sup> July, 2015.
- 2) Delivered lecture on “Avishkar Rules and Regulation” in district level Avishkar Research Convention 2018-19 organized by Department of Students Development, University of Mumbai and V. V. Dalvie College, Talere on 9<sup>th</sup> September, 2018.
- 3) Delivered lecture in one day workshop on “Chemistry & Emotions” organized by IQAC, Department of Chemistry and Science Association of Abasaheb Marathe Arts, Commerce and Science College, Rajapur, Dist-Ratnagiri on the occasion of National Science Day on 28<sup>th</sup> February, 2019.
- 4) Delivered lecture on “Avishkar Rules and Regulation” in district level Avishkar Research Convention 2019-20 organized by Department of Students Development, University of Mumbai and Phenolex Academy, Ratnagiri on 6<sup>th</sup> July 2019.

### **Seminar /Conference/Workshop attended:**

- 1) Participated in one day national seminar on Research Methodology and Recent Techniques held at University of Mumbai, Sub-centre Ratnagiri. (Dist- Ratnagiri)
- 2) Participated in ONE-DAY WORKSHOP on CREDIT BASED SEMESTER & GRADING SYSTEM held at D. B. J. College Chiplun (Dist- Ratnagiri).
- 3) Participated in UGC sponsored national seminar on advanced synthesis of Nanomaterials and Their Application held at Karmaveer Bhaurao Patil Mahavidyalaya Pandharpur. (Dist- Solapur)
- 4) Participated in 2<sup>nd</sup> International conference on “Emerging Trends in Chemical Sciences” held at Solapur University, Solapur.
- 5) Participated in one day Workshop on “How to Manage Money and be a Smart Investor” held at University of Mumbai.
- 6) Participated in one day Workshop on “Revised Syllabus of Chemistry for Second Year B. Sc. CBSGS” held at Gogate-Jogalekar College Ratnagiri on 27<sup>th</sup> April 2015.
- 7) Participated in one day Workshop on “API for college Teachers” held at Rizvi college of Arts, Science & Commerce Bandra, Mumbai on 29<sup>th</sup> August 2015.
- 8) Participated in state level Workshop on “FOOD SAFETY AND LIFE STYLE” held at Shri. Pancham Khemraj Mahavidyalaya Mahavidyalaya Sawantwadi, Dist- Sindhudurg on 5<sup>th</sup> December 2015.
- 9) Participated in state level Workshop on “Rashtriya Uchchar Shiksha Abhiyan (RUSA)” held at Dapoli Urban Bank Senior Science College, Dapoli. Dist- Ratnagiri on 12<sup>th</sup> December 2015.
- 10) Participated in National seminar on “CHALLENGES IN FOOD PRACTICES” held at Gogate- Jogalekar, College Ratnagiri Dist- Ratnagiri on 6<sup>th</sup> February 2016.
- 11) Participated in one day Workshop on “Revised Syllabus of Chemistry for T.Y.B. Sc. CBSGS” held at ASP College, Devrukh on 3<sup>rd</sup> Feb. 2016.

- 12) Participated in one day district level workshop on “Avishkar Research Convention 2016-17” at SRM College, Kudal on Wednesday 4<sup>th</sup> July 2016.
- 13) Participated in one day national workshop on “Strengthening Research Skill of College Students & Teachers” held at Sangameshwar College, Solapur on 10/11/2016
- 14) Participated in one day workshop on “Sexual Harassment of Women Employs & Girls Students in Educational Institutes” held at ARACS college Vaibhavwadi on 23<sup>rd</sup> August, 2017.
- 15) Participated in one day workshop on “Institutional Capacity Building & Role of Stakeholders” held at Padmashri Babasaheb Vengurlekar Mahavidyalaya, Pandurtita on 14<sup>th</sup> March, 2017
- 16) Participated in two day national conference of “Konkan Itihas Parishad” held at ARACS College Vaibhavwadi on 28<sup>th</sup> & 29<sup>th</sup> January, 2017.
- 17) Participated in one day state level seminar on “Revised Process of Assessment & Accreditation by NAAC” at D.D. Shinde Sarkar College, Kolhapur on Saturday, 9<sup>th</sup> Sept. 2017.
- 18) Participated in one day national workshop on “Revised Assessment & Accreditation Methodology by NAAC” at D.B.F. Dayanand College, Solapur on Sunday, 5<sup>th</sup> Nov. 2017.
- 19) Participated in one day district level workshop on “Avishkar Research Convention 2017-18” at Balasaheb Vengurlekar College, Pandurtitha on Thursday 16<sup>th</sup> Nov. 2017.
- 20) Participated in three days regional workshop on “Research Based Pedagogical Tools” held at S. P. K. College, Sawantwadi organized by IISER Pune, MHRD & Ministry of Science and Technology on 9<sup>th</sup> to 11<sup>th</sup> January, 2018.
- 21) Participated in one day national workshop on “New NAAC Policy – A Challenge and Boon to Enhance Individual and Institutional Competence” held at S. P. K. College, Sawantwadi on 10 March, 2018.
- 22) Participated in two day national conference on “Aquatic Biodiversity” held at Yashwantrao Chavan College, Tuljapur on 19<sup>th</sup> & 20<sup>th</sup> January, 2018.

- 23) Participated in One Day State Level Workshop on “Data Analysis Using Microsoft Excel in Research Methodology” held at A. R. A. C. S. College, Vaibhavwadi on 25<sup>th</sup> January, 2018.
- 24) Participated in state level Workshop on “Rashtriya Uchatar Shiksha Abhiyan (RUSA)” held at University of Mumbai on 23<sup>rd</sup> May, 2018.
- 25) Participated in district level workshop “Grafting Technique” held at A.R.A.C.S. College, Vaibhavwadi on 4<sup>th</sup> August, 2018.
- 26) Participated in university level one day workshop on “Revised Syllabus of Chemistry for Third Year B.Sc.,” held at S. P. K. College, Sawantwadi on 6<sup>th</sup> August, 2018.
- 27) Participated in state level workshop on “Digital Communication, Data Management and Professional Ethics at Work Place” held at Maniben Nanavati Women’s college, Vile Parle, Mumbai on 11<sup>th</sup> August, 2018.
- 28) Participated in district level one day workshop on “Avishkar Research Convention 2018-19” organized by Department of Students Development, University of Mumbai and V. V. Dalvie College, Talere on 9<sup>th</sup> September, 2018.
- 29) Participated in university level selection round of “Avishkar Research Convention 2018-19” at National College, Mumbai on 29<sup>th</sup> December, 2018.
- 30) Participated in one day state level workshop on “Intellectual Property Rights and Arts of Writing Research Proposals” held at A. S. P. College, Devrukh on 11<sup>th</sup> February, 2019.
- 31) Participated in National Level Workshop on “Assessment Methodology Under Revised Norms By NAAC” at L.S. Raheja College of Arts and Commerce on 22<sup>nd</sup> June, 2019.

#### **Seminar /Conference/Workshop Participated (Poster/Oral Presentation):**

- 1) Participated & presented research paper on “Biocatalysed green synthesis of  $\beta$ -Enaminoketones” in UGC sponsored two day national conference on “Advanced Research Trends in Chemistry (ARTC-2014)” held at D. B. F. Dayanand college of Arts & Science, Solapur on 22<sup>nd</sup> and 23<sup>rd</sup> February 2014.

- 2) Participated & presented research paper on “AN ECO-FRIENDLY METHOD FOR THE SYNTHESIS OF PYRANO[2,3-*c*]PYRAZOLE DARIVATIVES USING ETHYL LACTATE AS A GREEN SOLVENT” in UGC sponsored one day national conference on “Frontiers in Chemical Sciences FCS-2014” held at Solapur University, Solapur on 30<sup>th</sup> June 2014.
- 3) Participated & presented research paper on “An efficient and green synthesis of 4,4’-(arylmethylene)-bis-(1H-5-pyrazol-5-ols) by tandam Knoevengel-Michael reaction” in UGC sponsored two day national seminar on “Current Trends in Organic Chemistry Research CTOCR-2015” held at Karmaveer Bhaurao Patil Mahavidyalaya, Pandharpur, Dist-Solapur on 6<sup>th</sup> & 7<sup>th</sup> February 2015 and secured 1<sup>st</sup> rank in poster presentation.
- 4) Participated & presented research paper on “AN EFFICIENT SYNTHESIS OF 2-AMINO 3-CARBAXAMIDE DARIVATIVE OF THIOPHENE (GEWALD REACTION) CATALYSED BY ALUM AT AMBIENT MCR CONDITION” in BCUD sponsored one day national conference on “Interdisciplinary Approach in Green Sciences IAGS-2015” held at S. M. Joshi College, Hadapsar, Pune on 14<sup>th</sup> February 2015.
- 5) Participated & presented research paper on “A rapid and validated reverse phase liquid chromatographic method for determination of imiquimod from topical cream formulations” in UGC sponsored two day national conference on “Recent Analytical Techniques in Quality Control of Food, Beverages and Natural Product” held at Shri S. H. Kelkar College of Arts, Commerce and Science College, Devgad, Dist-Sindhudurg on 18<sup>th</sup>& 19<sup>th</sup> December 2015.
- 6) Participated & presented research paper on “An environmentally benign synthesis of  $\beta$ -Enaminoketones with aqueous solution of Bottle Gourd juice as natural catalyst” in BCUD sponsored two day national conference on “Interdisciplinary Approach in Scientific Research” held at S. M. Joshi College Hadapsar, Pune on 11<sup>th</sup>& 12<sup>th</sup> January 2016.
- 7) Participated & presented research paper (Oral) on “Simple Grinding, Catalyst Free, One Pot, Three Component Synthesis of Polysubstituted Amino Pyrazole” in two day

national symposium on “ Recent Approaches in Drugs Discovery and Perspective of Pharma Industry” held at Indira Institute of Pharmacy on 24<sup>th</sup> , 25<sup>th</sup> December, 2016.

- 8) Participated and presented research paper on “Diethylamine as an organo-catalyst for synthesis of bis-indolyl methane at room temperature” in one day national conference on “Materials & Environmental Science” held at Shri. Yashwantrao Patil Science college, Solankur on 15<sup>th</sup> February, 2017
- 9) Participated & Presented research paper on “Establishment of Teaching and Learning Center for Achieving Excellence in Higher Education” in one day national seminar on “Teaching, Learning & Evaluation Aspects for Quality Education in Rural Area held at BR. Balasaheb Khardekar College, Vengurla on 1<sup>st</sup> October 2016.
- 10) Participated & Presented research paper on “Synthesis of indazole chalcone derivatives as a potential anti-cancer and anti-inflammatory agent” in two day International Conference on “Interdisciplinary Approach in Chemical Research (IACR-2017) held at S. M. Joshi College, Hadapsar, Pune on 13<sup>th</sup>, 14<sup>th</sup> December, 2017.
- 11) Participated & Presented research paper on “One Pot Four Component Synthesis of Highly Functionalized Octahydro-imidazo [1,2a] qui-6-ones” in one day national conference on “Recent Advances in Chemical Sciences” held at Solapur University, Solapur on 26<sup>th</sup> November, 2017.
- 12) Participated & Presented research paper on “Sulfamic acid catalyzed environmentally benign protocol for the synthesis of bis-coumarins at room temperature” in one day national conference on “Recent Trends in Chemical Sciences” held at Shri. Yashwantrao Patil Mahavidyalaya, Solankur on 6<sup>th</sup> January, 2018.
- 13) Participated & Presented research paper on “Synthesis and Biological Screening of (E)-1-(4-methyl-2-phenylthiazol-5-yl)-3-(1,3-diphenyl-1H-pyrazol-4-yl)prop-2-en-1-one derivatives as potent anti-microbial agent” in one day national seminar on “An Emerging Trends in Pharmaceutical Chemistry” held at S.P.K. College, Sawantwadi on 22<sup>nd</sup> January, 2020.

### Conference/ Seminar Proceeding Publication:

- 1) Published research paper entitled “A Simple, Efficient and Green Protocol for Knoevenagel Condensation Reaction by Using Citrus Maxima (Pomelo) Fruit Juice” in one day International Multidisciplinary Conference on “Recent Trends in Library, Science and Technology, Humanities, Commerce and Management” organized by IQAC & Library Department of A.R.A.C.S. College, Vaibhavwadi on 21<sup>st</sup> December, 2018.
- 2) Published research paper entitled “Benzoic Acid as an Organo-Catalyst for the Trans Esterification of  $\beta$ -Keto Ester” in one day International Multidisciplinary Conference on “Recent Trends in Library, Science and Technology, Humanities, Commerce and Management” organized by IQAC & Library Department of A.R.A.C.S. College, Vaibhavwadi on 21<sup>st</sup> December, 2018.

### Book Publications:

- 1) Published Book Entitled on “Pathways of Drugs and Dyes Chemistry” according to Prescribed Syllabus of T.Y.B.Sc. Drugs and Dyes Chemistry, University of Mumbai. *Soujanya Publication Mumbai*, ISBN- “978-93-88671-05-7”, December-2018.
- 2) Published Book Entitled on “Pathways of Organic Chemistry” according to Prescribed Syllabus of T.Y.B.Sc. Organic Chemistry, University of Mumbai. *Soujanya Publication Mumbai*, ISBN- “978-93-88671-10-1”, June - 2019.

### Research Projects:

- 1) Minor research project completed which has been sanctioned by BCUD, University of Mumbai for academic year 2018-19

**Title of Project:** - “Diversity Oriented Synthesis of Thiazole and Pyrazole Integrated Chalcones as Potent Leads for the Development of Anti-microbial and Anti-inflammatory Drugs”

### Research Publications:

- 1) Synthesis and anti-microbial, anti-oxidant and anti-inflammatory activities of thiazole-pyrazole based pyrimidine derivatives  
**Dnyaneshwar M. Sirsat<sup>1</sup>**, Pravin S. Bhale<sup>2</sup>, Satish M. Karape<sup>1</sup>, Madhusudan T. Bachute<sup>3\*</sup>

Rasayan Journal of Chemistry, 13, 3, 1589-1597, July-September, 2020.

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All the above furnished information is true to the best of my knowledge and belief.

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