

*Dharmabad Shikshan Sanstha's*  
**Lal Bahadur Shastri Mahavidyalaya, Dharmabad.**  
**Dist. Nanded.**

**BIO - DATA**

1. Name (in Block Letters) :- Dr. KASRALIKAR HANMANT  
MADHAVRAO
2. Father's Name / Mother's Name :- KASRALIKAR MADHAVRAO  
MANIKRAO
3. Department :- CHEMISTRY
4. Current Designation Grad Pay :- Associate Professor, AGP 9000/-
5. Date and Place of Birth :- 10.11.1979 Kasrali (Tq .Biloli .Dist.  
Nanded.)
6. Sex :- Male
7. Marital status :- Married
8. Nationality :- Indian
9. Category :- Open
10. Address for correspondence :-03-1065/63, Smarth Niwas,  
Sahara Colony, Dharmabad,  
Dist–Nanded.  
Pin – 431 809 (Maharashtra).
11. Permanent Address (with Pin code) :- At. Post. Kasrali.Tq.Biloli.  
Dist: Nanded.  
Telephone No. :- 09860586756.  
Email :- kasralikerhm1979@gmail.com

**12. Academic Qualifications:**

Examinations	Name of the Board/ University	Year of Passing	Percentage Marks obtained	Division/Class/ Grade	Subject
S.S.C.	Aurangabad	1995	75.14	First (Distinction)	Languages, Science, Moths, History, Geog.
H.S.C.	Aurangabad	1997	60.00	First	Languages, Physics, Chemistry Math's, Bio.
Bachelor's Degree (B.Sc.)	S.R.T.M.U. Nanded.	2000	65.40	First	Chemistry, Physics, Maths
Master's Degree (M.Sc.)	S.R.T.M.U. Nanded.	2002	71.38	First (Distinction)	Chemistry --
SET/NET	University of Pune	2008	--	--	Chemical Sciences --
Others examination, if any B.Ed.	S.R.T.M.U. Nanded.	2003	65.00	Distinction	Math's, Science.
<b>Ph.D.</b>	S.R.T.M.U. Nanded	2016	---	--	Synthesis and Chemistry of Bioactive Heterocycles and Asymmetric Synthesis

**13. Research Degree(s)**

Degrees	University	Subject	Title	Date of Award
M.Phil.	Periyar University Salem.	Chemistry		Submitted
Ph.D.	S.R.T.M.U.Nanded.	Chemistry	Synthesis and Chemistry of bioactive Heterocycles and Asymmetric synthesis.	19-09-2016

**14. Period of Teaching experience:**

P.G. Classes (in Years): 18Yrs.

U.G. Classes (in Years): 15Yrs.

**15. Research Experience (in Years): .7 years.****16. Fields of Specialization under the Subject/Discipline:**

(a) Organic Chemistry

(b) Organic Synthesis and Medicinal chemistry

(C) Asymmetric Synthesis

**17. Human Resource Development Center Orientation / Refresher Course / FDP/****MOOC/ One-Two week courses attended so far:**

<b>Name OF The Course</b>	<b>Place</b>	<b>Duration</b>	<b>Name of Organizer</b>
Orientation Course	BHU, Banaras	28 days (03 to 30. January-2012)	UGC-ACS
5 <sup>th</sup> three-week Refresher Course in Basic Sciences (Interdisciplinary)	Jamia Millia Islamia, New Delhi.	21 days (05 May to 25 May, 2015)	UGC, HRDC
Refresher course in chemistry	University of Hyderabad	21 days (5 to 25 Sept. 2018)	UGC-HRDC
Faculty Development Program on Advance topics in Chemical Sciences	Nallamuth Gounder Mahalingam college, Pollachi, Coimbatore, Tamilnadu	7 days 15-05-2020 to 21-05-2020	NGMC-Pollachi
FDP on ICT Tools for effective Teaching Learning, from 11 <sup>th</sup> to 16 <sup>th</sup> May-2020	School of Mathematical Sciences, SRTMU, Nanded	11 <sup>th</sup> to 16 <sup>th</sup> May 2020	SRTMU- Nanded

Online training Program on Educational Video Creation: E-content Development	Toshniwal Arts, Commerce and Science College, Sengaon, Hingoli	11 <sup>th</sup> to 13 <sup>th</sup> May 2020	Toshniwal Arts, Commerce and Science College, Sengaon, Hingoli
Short Term Course on online Pedagogy	University of Hyderabad	7days 18 to 23th January-2021	UGC-HRDC
Short Term Course on Gender Sensitization	University of Hyderabad	7days 16 to 21st August-2022	UGC-HRDC
FDP on Nanoscience and Nanotechnology: Current Perspectives in Nanomaterial Synthesis and Characterizations	AICTE Training and learning (ATAL) Academy- New Delhi	5 days 08 th to 12th November - 2021	AICTE-ATAL

### 18. Examination Duties Assigned and Performed:

Sr. No.		Duties Assigned
01	U.G. /P.G. Exam	Working in UG & PG examination
02	CS/JCS/ACS	ACS, CS
03	Paper setting	Member of Paper setting committee for UG & PG
04	Assessment	Internal & University exam Evaluation
05	Practical Exam	Internal & External Examinar

### 19. Professional Development Activities:

01	Work shop on syllabus of UG &PG at Dnyanopasak College, Parbhani.
02	One-Day Workshop on the scope of new syllabus for B.Sc. second year in chemistry and allied subjects, at Baharji college, Basmatnagar.
03	One-day workshop on “The Scope of Revised (CBCS) Curriculum of M.Sc. (I & II) Chemistry and Allied Subjects” held on 9th September 2015 at Lal Bahadur Shastri Mahavidyalaya, Dharmabad. Dist. Nanded (M.S.)
04	One day work shop on Scope of syllabus in chemistry at G.B.S. College, Purna.

05	Workshop on the scope of revised curriculum of B.Sc.I & M.Sc.I Chemistry, Dayanand College , Latur
06	One day workshop on scope of syllabus ACS college, Vasantnagar Kotgyal
07	One day workshop on scope of syllabus ACS college, Shankar Nagar
08	One day workshop on scope of syllabus Science college, Nanded
09	One-day workshop on “The Scope of Revised (CBCS) Curriculum of M.Sc. (I & II) Chemistry and Allied Subjects” held on 9th September 2015 at Lal Bahadur Shastri Mahavidyalaya, Dharmabad. Dist. Nanded (M.S.)

## 20. Published Papers in Journals:

Sr. No.	Title	Journal	ISSN/ISBN No.	Whether peer reviewed. Impact Factor, if any	International/ National
01	Synthesis and evaluation of anti-cancer activity of some new 3-amino alkylated indole derivatives.	American Journal of pharmtech research	ISSN-2249-3357 2015, 5(2), 478	SJIF impact factor-3.412	International
02	A convenient one-pot multi-component synthesis of dihydropyrimido [4,5-B] quinolinetrione and evaluation of their anti-cancer activity.	World Journal of pharmacy and pharmaceutical Sciences.	ISSN-2278-4357	SJIF impact factor-5.210	International
03	One- pot synthesis of 2-(cyclohexylamino)-6,7-dihydro-3(2-hydroxyphenyl)-6,6-dimethyl-1H-indol-4(5H)-ones as potential anti-cancer agent.	World Journal of pharmaceutical research	ISSN-2277-7105	SJIF impact factor-5.990	International International
04	Synthesis and Molecular Docking Study of Novel	Synlett	26, (2015) 1969–1972	2.67	International

	Chromenochromenones as Anti-HIV-1 NNRT Inhibitors				
05	Synthesis and molecular docking studies of oxochromenyl xanthenone and indolyl xanthenone derivatives as anti-HIV-1RT inhibitors	Bioorganic and Medicinal chemistry letters	225 (2015) 3882–3886	2.78	International
06	Synthesis and Molecular docking of Novel 2-Phenyl-3-(4H-1,2,4-triazol-4-yl) thiazolidin-4-one Derivatives as Anti-HIV-1 NNRT Inhibitors	Chemistry and Biology interface	ISSN 2249 – 4820. 5 (2015) 267-74	-----	International
07	[Hmim]HSO <sub>4</sub> Catalyzed an Expedient One-pot Synthesis of Quinazoline Derivatives as Potential Anticancer Agents	Chemistry and Biology interface	ISSN: 2249-4820. 5(2015) 236-232	-----	International
08	A Convenient One-Pot Synthesis Of Hexahydroquinolines And Their Evaluation Of Anticancer Activity Against Mcf-7 Cells	Heterocyclic Letters (6) 4 ( 717-723)	ISSN :2231–3087	----	International
09	Design, Synthesis and Docking studies of novel 1,2,3 Triazolyl phenylthiazol znzlogs as potent anti-HIV-1 NNRT inhibitors.(268-275)	Medicinal Chemistry	2161-0444	<b>1.19</b>	International
10	One-pot synthesis and evaluation of anti-cancer activity of polyhydroquinoline Derivatives catalysed by [ Msim]Cl	Research on chemical intermediate	11164-017-3067-2	<b>1.369</b>	International

11	Silica sulphuric acid: A versatile solid acid catalyst for the synthesis of Spiro[indoline-3,4' (1H) pyro-(2,3-C) pyrazole]-2-one & spiro[indoline-3,4'(1H)-pyrano-[2,3-C] pyran]-2-one	International Journal of Universal Science and Technology	2454-7263	-----	International
12	Design and synthesis of novel 1,2,3 triazolyl pyrimidinond hybrids as potential anti-HIV NNRT inhibitors. (00-00-2018)	J. Heterocyclic chemistry	1943-5193	<b>0.893</b>	International
13	Design, Synthesis and Docking studies of novel pyrazolo-thiazols as potent anti-HIV-1 NNRT inhibitors.(337-444)	Bioorganic Chemistry	0045-2068	<b>3.97</b>	International
14	Highly asymmetric aldol reaction of cyclohexa- none and alde -hyde catalys -ed by bifunc -tionalised cyclohexane derived thiou -rea organo – catalys.	Asian Journal of green chemistry	5588-5839	-----	International
15	Novel Method for the synthe -sis of spirooxo in dole derivat- ives using hete -rogeous zinc trifllet catalysis.	Our Heritage	0474- 9030	-----	International
16	Ru (II)/peg- 400 as homogeneous recycla- ble catalyst <i>via</i> C-H/N- N bond.	Asian Journal of Chemistry	5588-5839	-----	International
17	A green synthesis of isoquinolines using Ru(II)/PEG-400 as homo0geneous recyclable catalyst <i>via</i> C-H/N-N bond activation	Indian Journal of Chemistry Vol.59B, June 2020, pp. 842-849	ISSN 0975-0975	0.465	International
18	Synthesis and Biological	Heterocyclic letters Vol.3 491-508	(P)-2231-3087	Nil	International

	activity of Imidazole derivatives	May-July-2020	(o) 2230-9632		
19	Nano TiO <sub>2</sub> / SiO <sub>2</sub> : An efficient and reusable catalyst for the synthesis of alpha-aminophosphonates	International Journal of Advanced Research in science, Communication and Technology (IJARSCT) Volumme 12, Issue 4, December-2021	2581- 9429	-----	International
20	Synthesis of Oxochromenyl Xanthenone and Indolyl Xanthenone derivatives using Triazole-Thione Based L-Proline Organocatalyst	International Journal of Scientific Research and Technology Volume-9, Issue-16, Nov-Dec-2022	ISSN(P): 2395-6011; ISSN(O): 2395-602X	Nil	International
21	Green and Efficient Synthesis of Bis(Indolyl) Methanes Using Zinc Triflate	International Journal of Scientific Research and Technology Volume-9, Issue-17, Dec-2022	ISSN(P): 2395-6011; ISSN(O): 2395-602X	Nil	International
22	Ru(II) PEG-400: A green synthesis of indolyl-oxindoles and indolyl cyclohexane-dione hybrids as potential antimicrobial agents	Indian Journal of Chemistry Vol. 62, February-2023, pp. 107-114. DOI: 10.56042/ijc.v62i2.71255	ISSN: 0975-0975	0.456	International
23	Carbon Microsphere supported Copper Nanoparticles(Cu-NP/C): A Highly Efficient and reusable Catalyst for the Synthesis of Quinoxalines	Indian Journal of Heterocyclic Chemistry Vol.33-Jan-Mar-2023, 63-70.	ISSN(P): 0971-1627 ISSN(O): 2456-4311	Nil	International
24	Green and Environmentally Benign Synthesis of Benzofuran	GRAVIA REVIEW JOURNAL Vol-9, Issue-3,2023	ISSN: 0363-8057	Nil	International

## 21. Full Papers in Conference Proceedings:

Sr. No	Title with page nos.	Details of Conference Publication	ISSN / ISBN NO
01	Physico-chemical analysis of pochampad dam backwater of Godawari river on Maharashtra and Andrapradesh border	Recent trends and Advances in Chemical Sciences	978-93-85664-23-6



**22. (a) Publications (other than Research papers) (Books, Chapters in Books)****(i) Books Published with ISSN / ISBN number**

Sr. No.	Title of Book with no. of pages	Publishers name with ISSN/ ISBN NO.	International / National Publisher	No. of Co-Authors	Whether Principal Author / Co-Author
1	Synthesis of Bioactive Heterocycles and Asymmetric Synthesis	LAMBART Publication 978-620-4-18491-3	International	1	Principal

**(a)(ii) Chapter in Edited Book with ISSN / ISBN**

Sr. No.	Title of Chapter with Page Nos.	Name of Book	Publisher Name & ISSN / ISBN NO.	No. of Co-Authors	Whether Principal Author / Co-Author
1	Synthesis of Coumarins, Chromones and Chromenochromenes: A Review	Innovative Inclinations and Sustainable Technologies in Chemical Sciences	Educational Publishers and Distributors ISBN:978-93-90005-30-7	04	Principal

**23. Patents:**

Sr. No.	Title of patent Project	Patent Number	Sponsored Agency if any	Date of Award	International / National
1	Pyrolothiazole [3,4-D] Hybrids and Process for preparing the same	369405	Intellectual Property India	16-06-2021	National

#### 24. Papers presented in Conferences, Seminars, Workshop, symposia:

Sr. No	Title of the paper presented	Title of Conference / Seminar	Organized by	Whether international / National/State/Regional/ College or University levels
01	Asymmetric synthesis: L-proline catalysed synthesis of homo allylic alcohols	Bringing gaps in Discovery and Development:Chemical and Biological sciences for affordable Health, Wellness and sustainability	Inter-national conference on advanced tools in chemical analysis and biological sciences. ISCB-2011. Saurashtra University,Rajkot.	International Conference
02	Synthesis of some new Sugar(2-Hydrazino Benzothiazolyl) and (2-HydrazinoBenzimidazolyl )Hydrazone and their acetate	Advanced tools in Chemical Analysis	Deogiri College, Aurangabad	National Conference
03	An efficient synthesis of Alpha-hydroxy Phosphonates catalyzed by Phenyl boronic acid	International conference on Emerging trends in chemical Sciences.	School of chemical sciences Central university of Gujrat, Gandhinagar	International Conference
04	One pot approach for the synthesis of thiouracil derivatives catalyzed by L-proline as an effective catalyst	National conference on Frontiers of chemical research	Dept. of chemistry, JNTU, Hydrabad.	National Conference
05	3-Nitrophenylboronic acid as an expedient and green catalyst for the one- pot synthesis of 2-amino 4H-chromenes	International Conference on Emerging Horizons in Biochemical Sciences and Nanomaterials	Dept. of chemistry, Shri Shivaji Mahavidyalaya, Barsi	International Conference
06	olecular Iodine Catalyzed synthesis of 1,5-Benzthiazepine derivatives under ambient condition	National conference on recent trends in chemistry education	Dept of chemistry, Sir Sayyad college, Aurangabad	National conference
07	An efficient synthesis of Some New Pyrazolo[3,4-]Pyridine derivatives	International GOLD in chemistry and Technology	School of chemical sciences, NMU, Jalgaon	International Conference
	One pot synthesis of 1H-indol-3-yl xanthenes- 1(9H)-one and 4-hydroxy-2-oxo-	National conference on Current Innovations in Chemical research	Dept. of chemistry, K.J.Somaiya college of art's, commerce	National Conference

08	2H-chromen-3-yl Xanthenes-1-(9H)-one derivatives using eco-friendly recoverable task specific ionic liquid.		and science, Kopargaon	
09	Ionic liquid promoted an efficient synthesis of 2,3-dihydro-2-(2-hydroxyphenyl)quinoxalin-4(1H)-ones.	National conference on Current Innovations in Chemical research	Dept. of chemistry, K.J.Somaiya college of art's, commerce and science, Kopargaon	National Conference
10	Ionic liquid catalysed synthesis of 1,5-benzodiazepine derivative under ambient condition	State level conference on New research trends in chemistry and its applications in environmental science.	Dept of chemistry, S.P.H.J. science college, Chandwad	State level Conference
11	Organocatalytic one-pot synthesis of anti-HIV active chromeno-chromenone derivatives	International conference on Green chemistry	Department of chemistry, Goa university, Goa	International Conference
12	A Green approach for one-pot multi-component synthesis of N-(1H-indol-3yl)(2-hydroxyphenyl)-N-methyl benzenamine Derivatives.	International conference on Green chemistry	Department of chemistry, Goa university, Goa	International Conference
13	Design and Synthesis of Novel 1, 2, 3-triazolyl-pyrimidinone hybrids as Potential Anti-HIV-1 NNRT Inhibitors	New Horizons in synthetic and materials chemistry	Department of Chemistry, Mumbai University, Mumbai	International Conference
14	Synthesis and Molecular docking of Novel thiazolidinone Derivatives as Anti-HIV-1 NNRT Inhibitors	Recent trends and Advances in Chemical Sciences	Department of Chemistry, B. Raghunath college, Parbhani	National Conference
15	[Msim]Cl catalysed an expedient one pot synthesis of polyhydroquinoline derivatives as potential Anti-cancer agents	Recent trends and Advances in Chemical Sciences	Department of Chemistry, B. Raghunath college, Parbhani	National Conference
16	Design and Synthesis of Novel pyrazolo [3,4,d]Thiazole hybrids as potential anti-HIV NNRT inhibitors	Recent advances in chemical and material sciences	Rajiv Gandhi University of knowledge technologies-Basar	National Conference
17	Design, Synthesis and Molecular docking studies of Novel 1,2,3-triazolyl	Newest development in chemical sciences for civilized society	Department of Chemistry, D.S. M. college, Parbhani	National Conference

	phenylthiazoles analogs as potent Anti-HIV-1 NNRT Inhibitors			
18	Highly Asymmetric Synthesis of Oxochromenyl Xanthone and Indolyl Xanthones using Bifunctional Cyclohexane-derived Thiourea organocatalyst	National conference on innovative research in chemical sciences	Department of Chemistry, Shivaji University, Kolhapur.	National Conference
19	Highly asymmetric aldol reaction of cyclohexanone and aromatic aldehydes catalysed by bifunctional cyclohexane-derived thiourea organo catalyst	Newest development in chemical sciences for civilized society	Department of Chemistry, D.S. M. college, Parbhani	National Conference
20	Synthesis of 1-Benzofuran-2-yl-phenyl methanone derivatives using silica sulphuric acid	Nanostructured material and Nanotechnology	Shri Muktanand College, Gangapur	National conference
21	Novel Method for the synthesis of spirooxindole derivatives using heterogeneous zinc triflate catalysis	Exploring new horizons in chemical sciences	Deogiri college, Aurangabad	International
22	Asymmetric synthesis of novel chromenochromenones	NDCCCE & NCCT-2019	SWGBAU-Amravati	National
23	One pot synthesis of 4-methylene thiopyridine-3-triazolyl-2-imino-chromenes using click reaction	International conference on 'Chemistry for society, industry and Technology'	Department of Chemistry Mungaji Maharaj Mahavidyalaya, Darwha	International
24	Ru(II)- Assisted, effective and convenient synthesis of 3-Indolyl-3-hydroxyoxindoles and 3-Indolyl-3-Hydroxy-5,5-dimethyl-cyclohexane-1,3-diones in PEG-400	International virtual conference on Drug Disease and Development	Department of Chemistry Mungaji Maharaj Mahavidyalaya, Darwha	International
25	Nano TiO <sub>2</sub> /SiO <sub>2</sub> : An efficient and reusable catalyst for the synthesis of $\alpha$ -aminophosphonates	International E-conference on sustainable and Futuristic Materials (SFM-2021)	Department of chemistry, Kamala, Nehru Mahavidyalaya, Nagpur	International
26	CuO-CeO <sub>2</sub> Nanocomposites: an efficient catalyst for the synthesis of thiazepine	International virtual conference on emerging trends in Nanoscience and	Srinivas University College of engineering and	International

		Nanotechnology	Technology Mukka, Surathkal, Mangluru	
27	Synthesis of $\alpha$ -amino-phosphonates using bifunctional cyclohexane derived thiourea organocatalyst	International Virtual conference on current Scenario in Chemical Sciences-2021	School of Chemical Sciences Moolji Jaitha College, Jalgaon	International
28	Synthesis of Chromeno-chromenes using L-Proline based Thiourea organocatalyst	International Conference on Recent trends in chemistry and Chemical education-2021	Department of Chemistry, Sikkim Manipal Institute of Technology, Sikkim	International
29	Synthesis of alpha-amino-Phosphonates using CuO-CeO Nano-composites	National Conference on current trends in chemical sciences-2022	Department of Chemistry, Sant Gadge Baba Amravati University, Amravati.	National
30	L-Proline Catalyzed synthesis of Chromen-3-yl) (phenyl) methyl) indolin-2-one	International virtual conference on Current Scenario in Chemical Sciences-2022	School of Chemical Sciences Moolji Jaitha College, Jalgaon	International
31	DPPTT is Highly efficient catalyst for the synthesis of Chromeno-chromene derivative	National Conference on ICICST-2022	Department of chemistry, Kohinoor Arts, Commerce & Science	National
32	Green and efficient synthesis of bis(indolyl) methanes using Zinc triflate	National Conference on RACPS-2022	Department of Chemistry, Baharji Smarak Mahavidyalaya, Basmath	National
33	Synthesis of oxochromenyl xanthenone and Indolyl xanthenone Derivatives using Triazole-thione based L-proline Organocatalyst	National Conference on CICPM-2022	Department of chemistry, Sunderao SolunkeMahavidyalaya, Majalgaon	National

## 25. Contribution to UGC Schemes :

- a) FIP Scheme for Ph.D. Work.

## 26. Areas of Research: 1) Organic synthesis & Medicinal chemistry

- 2) Asymmetric synthesis

## 27. Positions Held and at Present:

- a) Associate Professor at Lal Bahadur Shastri Mahavidyalaya, Dharmabad.

**28. Involvement in the University/College students related activities/research activities**

- a) Admission Committee
- b) Internal examination Committee
- c) IQAC Coordinator
- d) PBAS Committee
- e) Member on the board of Innovation, Incubation and Enterprises SRTMU, Nanded.

**29. Details of Seminar / Conferences /Workshop Organised:**

- a) One-day workshop on “The Scope of Revised (CBCS) Curriculum of M.Sc. (I & II) Chemistry and Allied Subjects” held on 9<sup>th</sup> September 2015 at Lal Bahadur Shastri Mahavidyalaya, Dharmabad. Dist. Nanded (M.S.).
- b) **One day National Seminar on NEP-2020.**
- c) One-day National Level workshop on IDP for effective implementation of NEP—2020

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

Place : Dharmabad

Date :

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( Kasralikar H. M.)