

# CURRICULAM VITAE

## DR. SATISH MADHAVRAO DESHPANDE

- Joint Director, Higher Education (Govt. of Maharashtra), Jalgaon Region, Jalgaon.
- Director (In-charge), Government Institute of Forensic Science, Aurangabad.
- Professor, Post Graduate Department of Geology, Institute of Science, Caves Road, Aurangabad – 431 004.  
Ph.0240 2400586, Mobile – 9421303658.

## PERSONAL DATA:

**Birth date** : 31-07-1967  
**Domicile** : Maharashtra  
**Nationality** : Indian

**E-mail** : [dr\\_smd@rediffmail.com](mailto:dr_smd@rediffmail.com)

**Address:**Plot No.55, Jaiswal plotting, Pahadsingpura, Aurangabad

## A) EDUCATIONAL QUALIFICATION:

Exam	Board/University	Year of Passing	Class	Subjects
Ph. D.	Swami Ramanand Teerth Marathwada University, Nanded	2003	By Research	Geology
M.Sc.	Marathwada University, Aurangabad	1989	I	Geology
B.Sc.	Marathwada University, Aurangabad	1987	I	Geology (Principal), Chemistry, Physics

## B) TEACHING EXPERIENCE:

Designation	Institute	Class Taught	Duration	Experience Year
Assistant Professor	Institute of Science , Aurangabad	M.Sc. I and II Year	6/08/1996 to 21/02/2012	15 Years 06 Months
Associate Professor	Institute of Science , Aurangabad	M.Sc. I and II Year	22/02/2012 to till date	03 Years
<b>Total</b>				<b>18Years06 Months</b>

## C) ADMINISTRATIVE EXPERIENCE:

Position	Institute	Duration	Experience year
Head of Department	Department of Geology, Institute of Science, Aurangabad	09/08/2005 to till Date	09 Years 06 Months
Boys Hostel Warden (Incharge)	Institute of Science, Aurangabad	2008 to 2013	05 Years
<b>Total</b>			<b>14.6 Years</b>

## RESEARCH ACTIVITIES:

**Title of Ph.D. Thesis:**“Environmental Impact Assessment of Nanded Township with Emphasis on SPM, Groundwater Quality and Noise Studies(2003).”

(Supervisor:Dr. D.B. Yedekar(Ex Vice- Chancellor, Swami RamanandTeerthMarathwada University,Nanded and Co Supervisor:Dr. D.B.Panaskar, Director, B.C.U.D,Swami RamanandTeerthMarathwada University, Nanded).

## AREA OF SPECIALIZATION:

- Groundwater Exploration
- Environmental Geology,
- Hydrogeochemistry
- Hydrogeology

**RECOGNITION OF GUIDE:** Letter issued by Dr. B.A.M. University, Aurangabad, No. PGPhd/2007/8159-59 DATED 18/8/2007

## GUIDANCE BEING GIVEN TO STUDENTS PURSUING Ph.D.COURSE:

- Ph. D. Awarded : 02
- Working:08 students

## LIST OF PUBLICATIONS:

(AFTER OBTAINING Ph.D.)

**Research publications: Total =39, International = 08, National = 31**

1. G.D. Gaikwad, **S.M. Deshpande**, K.R. Aher, V.R. Dasarwar (2019) Hydrogeochemical Investigation and Qualitative Assessment in Jogeshwari Industrial Area of Aurangabad, Maharashtra, India Vol. 38 F (Geology), No.1 (2019), pp. 89-103.
2. **S.M. Deshpande**, R.K. Aher (2019) Suitability of Groundwater Quality for Drinking and Irrigation Purposes in the Dheku River Basin, Maharashtra. *Bulletin of Pure and Applied Sciences*, Vol. 38 F (Geology), No.1 (2019), pp. 104-113.
3. **S.M. Deshpande**, R.K. Aher, G.D. Gaikwad and K.R. Aher (2018): Electrical Resistivity Method for Groundwater Exploration: A Case Study of Ganori Village Area, Aurangabad District, Maharashtra, India. *Bulletin of Pure and Applied Sciences*, Vol. 37 F (Geology), No.2 (2018), pp.125-137.
4. Madhavi S. Dubey, **S. M. Deshpande**, G. D. Gaikwad and Ashish Dongre (2018): Fluoride Contaminated Groundwater From Warora Area Of Chandrapur District, Central India: Groundwater Geochemistry And Comments On The Source Of Fluoride. *Journal of Applied Geochemistry*, Vol. 20, No. 1. pp. 123-132.

5. **S.M. Deshpande.**, G.D. Gaikwad., D.B.Panaskar (2017):Fluoride Geochemistry of Groundwater FromRajura, KorpanaTahasil of Chandrapur District, Maharashtra, India. Jour of Bionano Frontier. Vol.10 (2), April, pp 1-6.
6. K.R.Aher, **S.M.Deshpande** (2016). Geochemistry And Evaluation Of Groundwater Pollution In Chikalthana Area Of Aurangabad District, Maharashtra, India. Journal of Applied Geochemistry. Journal of Applied Geochemistry, Vol. 18, No. 2. pp. 192-202.
7. K.R.Aher, **S.M.Deshpande**and P.V.Kathane(2016) Hydrogeochemical Parameters For Assessment OfGroundwater Quality In A Part Of Gangapur, DistrictAurangabad, Central India.Vol. 18, No. 1. pp. 57-68.
8. L. Chandra Sekhar Reddy,K.V.Ramana Reddy, **S. M. Deshpande**andK. R. Aher (2015): Evaluation of Groundwater Quality and its Suitability for Agricultural Use in Lingala area of Kadapa District, Andhra Pradesh, South India.:International Journal of Research (IJR), Volume 2, Issue 08. pp 19-28.
9. **S.M. Deshpande**, G.D Gaikwad., D.B.Panaskar (2015) :Hydrogeochemistry and Genesis of the Fluoride Contaminated Groundwater from Rajura and Korpana areas of Chandrapur District, Maharashtra. Journal of Geosciences Research, Vol. 1, No.1. pp.67-72.
10. **S.M.Deshpande**, K.R.Aher, S.P.Dhole and G.D.Gaikwad (2015): Preliminary hydrochemistry of the some groundwater sources of Chitegaon Industrial area, Aurangabad, INDIA.: International Research Journal of Sustainable Science and Engineering, Vol. 3 Issue 2, pp.1-7.
11. K.R.Aher, **S.M.Deshpande**(2015): Hydrogeochemistry of groundwater from Loni (Kh). Chikhatgaon and Kharaj villages, Aurangabad district Maharashtra. In. Journal of Recent Trends in Science And Technology Special Issue, pp 61-68.
12. **S.M. Deshpande** and K.R.Aher (2015): Hydrogeochemical characteristics and assessment of water quality in Dheku river basin, Aurangabad India. *Journal of Applied of Geochemistry* Vol.17, No.1.pp. 41-49.
13. **S.M. Deshpande.**, R.A.Suryavanshi., K.R.Aher., Gaikwad G.D., R.K.Aher (2014): Groundwater Quality Studies of Kamlapur Village Industrial areas of Aurangabad, India,International Journal of Recent Trends in Science And Technology, Vol. 13, Issue 1, pp 46-49.
14. L. Chandra Sekhar Reddy, **S.M. Deshpande**, and K.R. Aher (2014):Hydrogeochemical Characterization and evaluation of groundwater quality in Lingala of Kadapa district, Andra Pradesh, India, *Jour. of Applied Geochemistry*, Vol(16) No. 3. Pp 288-295
15. **Deshpande S. M.**, Gaikwad G.D., Mahajan G. D., Aher K. R (2014).: Hydrochemical Characteristics and Groundwater Quality Assessment in Shendra Area, Aurangabad

District, Maharashtra, India, *International Journal of Recent Trends in Science And Technology*, Vol No.11, Issue 1, Pp105-108.

16. L. Chandasekhar Reddy, **Deshpande S.M.**, Aher K.R. and Sumedh Humane (2014): Impact of Mining on Groundwater Quality in and around Mangampeta, Andhra Pradesh, *Gondwana Geological Magazine* Vol 14, Pp 177-185.
17. K.R.Aher and **S.M.Deshpande** (2014): Groundwater Hydrogeochemistry of Mula River Basin, Maharashtra, India, *Gondwana Geological Magazine* Vol 14, Pp 167-176.
18. **S.M. Deshpande**, K. R. Aher and A. A. Bhatpude (2013): Heavy Metal Concentrations in Groundwaters of Chikalthana area of Aurangabad, India., *Jour. of Applied Geochemistry*, Vol. 15, Pp : 201-212.
19. **S.M.Deshpande**, and K.R.Aher (2012): Hydrogeoelctrical studies in Harsul area of Aurangabad, Maharashtra, India, *Jour. of Applied Geochemistry*, special issue on 'Geochemistry and Geophysics of Earth Materials and Environment'. Vol 1. Pp10-15.
20. **Deshpande S. M.**, Aher K. R Gaikwad G.D., (2012): Hydrogeoelctrical studies in Harsul area of Aurangabad, Maharashtra, India. *International Journal of Recent Trends in Science And Technology*. Vol.4, Pp:120-124.
21. **S.M.Deshpande**, and K.R.Aher G D Gaikwad.,(2012): Assesment of Groundwater Quality and its suitability for drinking uses in Warora Tahasil, District Chandrapur, India, *International Journal of Recent Trends in Science And Technology*, Vol 4, Pp120-124.
22. Reddy L. Chandasekhar, **Deshpande S.M.**, Reddy K.V.Raman and Aher K.R.(2012): Charactrisation and Quality Assesment of Groundwater with a special emphasis on irrigation utility : A case study of Vemula Area Kadapa district, A.P.India. *International Journal of Environment and Earth Sciences*. Vol 1, Pp 36-49.
23. L. Chandra Sekhar Reddy, **S.M. Deshpande**, K.V. Ramana Reddy and K.R. Aher (2012): Hydro geochemical processes in the Groundwater environment of vemula area, Kadapa district, South India, *Journal of Recent Trends in Science And Technology*, vol.3(1), 91-95.
24. **S.M.Deshpande**, and K.R.Aher, (2012): Evaluation of Groundwater quality and its suitability for drinking and agriculture use in parts of Vaijapur, District Aurangabad, *Res. J. Chem.Sci*, vol 2(1), 25-31.
25. **S.M.Deshpande**, and K.R.Aher, (2011): Quality Characterization of Groundwater of Tribakeswar-Peth area of the Nashik district and its suitability for domestic and irrigation purpose, *Gond. Geol. Mag*, vol 26 (2), Pp157-162
26. **S.M.Deshpande**, K.R.Aher and Bhatpude A.A., (2011): Assessment of seasonal variation of Groundwater quality of Naregaon village, Aurangabad, Maharashtra (India), *Jour. of Environment & Earth Sciences* vol.1 (1), 19-25

27. K.R.Aher, and **S.M.Deshpande** (2011): Assessment of Water Quality of the Maniyad Reservoir of ParalaVillage, district Aurangabad: Suitability for Multipurpose Usage,*International Journal of Recent Trends in Science And Technology*, vol. 1 (3), 91-95.
28. **Deshpande, S.M.** and Aher K.R., (2011). Hydrogeochemistry and quality assessment of groundwater in Chikalthana industrial area of Aurangabad, Maharashtra, India. *Bionano Frontier Jour. of Inter. soc. of Sci& Tech*, vol.4 (1) 157-161
29. Hanamgond P.T., Deendar D.I., Mense A.K., and**Deshpande, S.M.**, (2011). Occurrence of Basaltic Dyke with Transverse joints at Aurangabad, Maharashtra: A preliminary report. *Mining Engineers' Journal (MEJ)*, Vol 12, No.6 pp 28-30
30. **Deshpande, S. M.** (2010) Impact of industrialization on Groundwater Regime of Waluj urban conglomerate of Aurangabad, Maharashtra.*Bionano Frontier Jour. of Inter. soc. of Sci& Tech*, Vol. No 3, Issue 1, pp. 64-66.
31. **Deshpande, S.M.** and V. Gondwale (2009) Physico chemical analysis of Groundwater in the Chikalthana industrial complex of Aurangabad. *Journal of Aquatic Biology*, Vol. 24(2), pp. 99-102.
32. **Deshpande, S. M.**, Aher K.R., Bhatpude A.A., Shinde P.D. and Terkar P.U. (2009). Electrical Resistivity Studies in Harsool Village District Aurangabad, Maharashtra, In: Proceedings of National Conference on Groundwater Recharge, Quality and Auditing in Hard Rocks, Aurangabad. pp.132-134
33. **Deshpande, S. M.**, Aher K.R. and Bhatpude A.A. (2009) Hydrogeochemical evaluation of Vaijapur Taluka District Aurangabad, Maharashtra. In: Proceedings of National Conference on Groundwater Recharge, Quality and Auditing in Hard Rocks, Aurangabad. Pp.130-131.
34. **Deshpande, S. M.** and Aher K.R. (2009) Studies on Water Quality of Lakes around AurangabadCity. *BIOINFOLET Quat.Jour. of Life sciences*. Vol..6, No.3, pp.255.
35. **Deshpande S. M.** and Aher K.R. (2009) Evaluation of chemical quality of groundwater in Golwadi Urban Conglomerate of Aurangabad, Maharashtra.*Bionano Frontier Jour. of Inter. soc. of Sci& Tech*Vol.No 2(2), pp 108-111.
36. **Deshpande, S. M.** (2008) Geophysical studies of groundwater occurrence in and around Sataravillage, District Aurangabad, Maharashtra. *Gondwana Geological Magazine*, Volume 23, No. 2, pp.163-165.
37. **Deshpande, S.M.** (2007) Quality assessment studies of Groundwater along KundlikaRiver in Jalna city.*Jour. of basic and Applied Sciences*.Vol .II, pp.20-23.

38. D.B.Panaskar, D. B. Yedekar and **Deshpande S. M.** (2007) Assessment of groundwater quality of Nanded city, Maharashtra. *Gondwana Geological Magazine, Special Volume*, No. 11, pp.77-86.
39. **Deshpande, S. M.** (2007) Groundwater Quality of Satara&Itkheda area for irrigation purpose. *BIOINFOLET Quat.Jour. of Life sciences*. Vol.4, No.2, pp.75
40. **Deshpande, S. M.**, Murkute, Y.A.and Pathare, S.V. (2004) Groundwater Quality Studies of Bore Well Water in Satara area of Aurangabad: A note. *Quat. Jour. Geo. Asso. Res. Cent. Balaghat*. Vol.12, No.4, pp.101-105.
41. **Deshpande, S. M.** (2006) Groundwater Quality in and around Satara&Itkheda urban conglomerate of Aurangabad, Maharashtra. *BIOINFOLET Quat.Jour. of Life sciences*. Vol.3.No.4, pp.227-233.

#### **BOOKS EDITED :**

- D.B.Malpe, **S.M.Deshpande**, A.N.Dongre (2011)., Special Issue of Gondwana Geological Magazine : Recent Developments in Groundwater Research in India (Vol. 26., No. 2)
- A.N.Dongre D.B.Malpe, **S.M.Deshpande** (2012)., Special Volume of Gondwana Geological Magazine : Recent Developments in Researches On Geology and Mineral Resources of India.(Special Volume No. 13,)

#### **ABSTRACT BOOK:**

- Abstract book of National Conference entitled “Recent Developments in Geology, Mineral and Groundwater Resources of India” jointly organized by the Department of Geology, Govt. Institute of Science, Aurangabad and Gondwana Geological Society, Nagpur, during 11<sup>th</sup> - 12<sup>th</sup>Feb-2011 held at Aurangabad. (S.M.Deshpande, Convener).

#### **RESEARCH PROJECTS UNDERTAKEN :**

1. “Hydrogeochemistry and genesis of the fluoride contaminated groundwater in Rajura, Korpana parts of Chandrapur, district Chandrapur, Maharashtra”. Funded by Department of Science and Technology , New Delhi. (2012-2014)
2. “Geochemistry and genesis of the fluoride contaminated groundwater in Warora tahasil, district Chandrapur, Maharashtra”. Funded by University Grant Commission, New Delhi.(2011-2014)
3. “Environmental Impact Assessment of Aurangabad Township with Emphasis on SPM, Groundwater Quality and Noise Studies”. Funded by Western Regional Office, University Grant Commission, Ganeshkhind ,Pune (2010-2012)

4. "Groundwater Quality studies around urban conglomerate of Aurangabad"., Funded by Western Regional Office, University Grant Commission, Ganeshkhind ,Pune (2007-2009)
5. "Suspended Particulate Matter(SPM) Studies in heavy Traffic Vicinity of Aurangabad Township".Funded by, Director, B.C.U.D., Dr Babasaheb Ambedkar Marathwada University, Aurangabad.(2007)

**COURSES/TRAINING PROGRAMME/ WORKSHOP ATTENDED AS A PARTICIPANT:**

<b>Name of Organization</b>	<b>Address</b>	<b>Period</b>	<b>Grade</b>
Central Arid Zone Research Institute, Jodhpur	Central Arid Zone Research Institute, Jodhpur, Rajasthan	Model Training Course on Remote Sensing and GIS for Natural Resources Mapping and Management. (11/09/2013 to 18/09/2013)	
YASHDA Pune	YASHDA Pune	Foundation Course for Associate Professor (15/07/2013 to 24/08/2013)	
Deptt. of Geology Maulana Azad College Aurangabad	Deptt. of Geology Maulana Azad College Aurangabad	Orientation Course in Groundwater Modeling in Deccan Basalt (7 days)	
Academic Staff Collage Aurangabad	Dr, BAMU Campus Aurangabad	1/12/2006 to 22/12/2006	A
Academic Staff Collage Aurangabad	Dr, BAMU Campus Aurangabad	2/09/2005 to 22/09/2005	A
YASHDA Pune	YASHADA Pune	08/08/2005 to 10/08/2005	
NSS Training Centre	Ahmednagar College. Ahmednagar	10 days in December 2004	A
Academic Staff Collage Aurangabad	Dr, BAMU Campus Aurangabad	1/10/2004 to 30/10/2004	A
National Remote	NRSA, Balanagar, Hyderabad	21/11/1994 to 25/11/1994	-

sensing Agency			
EDC Cell SGGSC & T Nanded	Vishnupuri, Nanded	29/09/1992 to 05/01/1993	B++

#### **CONFERENCES / SEMINARS / WORKSHOP ORGANIZED:**

1. National Conference on “Recent Developments in Geology, Mineral and Groundwater Resources of India”, Feb-2011, jointly organized by Department of Geology, Govt. Institute of Science, Aurangabad and Gondwana Geological Society, Nagpur, held at Govt. Institute of Science, Aurangabad.
2. International Lecture Series on “Risk-Analysis and Sustainable Remediation of Environmental Resources”, Feb-2012, held at Govt. Institute of Science, Aurangabad.
3. One Day State Level Workshop on the Restructuring of Curriculum in Geology held at Government Institute of Science, Aurangabad.(March 2007)

#### **CONFERENCES / SEMINARS / WORKSHOP ATTENDED AS PARTICIPANT FOR ORAL PRESENTATION OF RESEARCH PAPER:**

- 1 National Conference on “Climate Change: Past Present and Future”, during 12-13 Jan-2015, Organized by Department of Geology, Poona College, Pune
- 2 National Conference on “Groundwater Management and Assessment in Deccan Basaltic Terrain”, during 3-4 Jan-2015, Organized by Department of Geology, Deogiri College, Aurangabad.
- 3 4<sup>th</sup> International Conference on “Hydrology and Watershed Management”, (ICHWAM-2014) during, 29<sup>th</sup> Oct- 1<sup>st</sup> Nov-2014, held at, Hyderabad, Center for Water Resources, Institute of Science and Technology, J.N.T. University, Hyderabad.
- 4 International Conference on “Environmental Earth Science, Accomplishments, Plans and Challenges” (2014), during 19<sup>th</sup> -22<sup>nd</sup> March-2014, organized by Department of Geology and Applied Geology, Madras University of Madras, India.



- 5 International Symposium on “Role of Earth System Sciences and Human Prosperity”, (2013), during 23-25 Oct, 2013, Organized by Indian Society of Applied Geochemist, Atomic Mineral Division, held at Hyderabad.
- 6 National Conference on “Watershed Management for Sustainable Developments”, (2013) during 22-23 ,Feb-2013,Organized by , ShriShivaji Science college, Amravati.
- 7 International Conference on “Fifth International Groundwater Conference IGWC- (2012)”, during Dec- 2012, Organized by ,Maulana Azad College, Aurangabad.
- 8 International Workshop on “Risk-Based Subsurface Environmental and Sustainable Remediation”, Feb-2012, Organized by ,Swami RamanandTeerthMarathwada University, Nanded.
- 9 International Lecture Series on “Risk-Analysis and Sustainable Remediation of Environmental Resources”, Feb-2012Organized by ,Govt. Institute of Science, Aurangabad.
- 10 National Conference on “Environmental Surveillance For Natural Resource Management”, Jan- 2012 Organized by , North Maharashtra University, Jalgaon
- 11 National Seminar on “Environmental Pollution and Remedies”, Sep-2011, Organized by , Deogiri College, Aurangabad
- 12 National Conference on “Recent Developments in Geology, Mineral and Groundwater Resources of India”, (2011), during 11-12 Feb, 2011 jointly organized by Department of Geology, Govt. Institute of Science, Aurangabad and Gondwana Geological Society, Nagpur.held at Govt. Institute of Science, Aurangabad.
- 13 National Seminar on “Groundwater Recharge, Quality and Auditing in Hard Rock”,(2009), during Nov-2009, held at Deogiri College, Aurangabad
- 14 National Conference on “Current Trends in Material Research For Advanced Technology” (2007)”, during 29-31 January, 2007, Organized by Department of Physics, Dr. B.A.M. University, Aurangabad
- 15 State level seminar on “Recharge, Retention & Transmission of water below the groundwater through water conservation structures”, (2006) during Oct 2006, Organized by , Deogiri College, Aurangabad.

**ORIENTATION/ REFRESHER/ SEMINARS / ATTENDED AS A RESOURCE PERSON:**

- Delivered talks (Key Note Address) in National Conference on “Recent Trends in Geochemical Environmental Aspects of Mineralization in Kadapa Basin” (2014) Organized by Department of Chemistry Loyola Degree College, Pulivendula (AP).
- Chairperson of Technical Session in National Seminar on “Groundwater and Lakes: Recent Advancement and Environmental Aspects” organized by Gondwana Geological Society, Nagpur. During 20-21 Feb, 2014
- Invited as a resource Person for Refresher Course on 16 Nov, 2013. Organized by, Academic Staff College, Dr. Babasaheb Ambedkar Marathwada, University, Aurangabad
- Delivered talks on Topic Role of Geologist in Community Development at Kohinoor Arts and Science college, Khultabad, District Aurangabad.
- Invited as a resource Person for Refresher Course on 10 Jan, 2013. Organized by Academic Staff College, Dr. Babasaheb Ambedkar Marathwada, University, Aurangabad
- Invited as a resource Person for Refresher Course on 9 Jan, 2013 organized by Academic Staff College, Dr. Babasaheb Ambedkar Marathwada, University, Aurangabad
- Invited as a chairperson and present Key Note Address for “National level conference on Recent Trend in Botany” during 18-19 October, 2012.
- Invited as a resource Person for 90<sup>th</sup> Orientation Course on 14 Feb, 2012. Organized by Academic Staff College, Dr. Babasaheb Ambedkar Marathwada, University, Aurangabad
- Delivered talks in Maharashtra Educational Planning and Administration Institute Aurangabad. for Zonal Officer in School Education. (2004).

**MEMBERSHIP/ GOVERNMENT NOMINEE / EXPERT :**

- Ex-Joint Director, Higher Education (Govt. of Maharashtra), Solapur Region, Solapur.
- Ex-Joint Director, Higher Education (Govt. of Maharashtra), Aurangabad Region, Aurangabad.
- Life Member, Indian Society of Applied Geochemist.,
- Executive and Life Member, International Society of Science and Technology.,

- Life member, Gondwana Geological Society.,
- Life Member, Research Journal of Chemistry and Environment.
- Chairman: Ad-hoc Board in Geology , Dr Babasaheb Ambedkar Marathwada University, Aurangabad.(2006-2009)
- Member, Ad-hoc Board in Geology , Dr Babasaheb Ambedkar Marathwada University, Aurangabad.(2009-Till Date)
- Invited Member Academic Council, Dr Babasaheb Ambedkar Marathwada University, Aurangabad.
- Member Faculty of Science, Dr Babasaheb Ambedkar Marathwada University, Aurangabad.
- Member Research and Recognition Committee, Dr Babasaheb Ambedkar Marathwada University, Aurangabad.
- Member of BOS in Geology, Swami RamanandTeerthMarathwada University, Nanded.
- Member of BOS in Geology, North Maharashtra University, Jalgaon.
- Member of BOE in Geology, Shivaji University, Kolhapur
- Member of BOE in Geology, Swami RamanandTeerthMarathwada University, Nanded.
- Member of BOE in Geology, RashtrasantTukdojiMaharaj, University, Nagpur.
- Framing of Syllabus for M.Sc. I and II Semester pattern of Dr. Babasaheb Ambedkar Marathwada University, Aurangabad.
- Framing of Syllabus for M.Sc. (Geophysics) of Dr. Babasaheb Ambedkar Marathwada University, Aurangabad
- Member Institute Research Committee,
- Member of NAAC Committee.
- Professor Incharge, Institute Student Council Committee
- Member, Institute Boys Hostel Committee.
- Worked as a Joint Director Nominee on Interview Committee for the selection of Assistant Professor in affiliated Colleges.
- Appointed as subject Expert in Geology for selection of Lecturers by the Department of Geology, Deogiri College, Aurangabad

- Appointed by the Joint Director, Higher Education, Pune Division, Pune, as Officer on Special Duty during B.Ed. – CET, 2004 Examination, Conducted by Department of Higher Education, Maharashtra State
- Programmes Towards Community Development under NSS
- Delivered talks in NSS Special Camps, in various colleges for motivating the students and encouraged them to develop social and scientific attitude.
- Delivered Radio-talks on the subject on Aurangabad Aakashwani Kendra on following topics “Bhujal Satha and Khadak”
- Experience in generating funds from national organizations for research and development in Geology.
- Experience in using GIS and Remote Sensing technology.
- **Worked as scientific advisor as consultant Geologist on groundwater exploration and water use planning and rural development issues.**

**(Prof. Dr. S.M. Deshpande)**