

CURRICULAM VITAE



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| A | Full name | Dr. SANJAY NARAYAN PATIL |
| B | Date of Birth | 01/06/1966 |
| C | Name of the Organization | Kvayitri Bahinabai Chudhari North Maharashtra University, Jalgaon, Maharashtra, India |
| | Present Post | Head, Department of Applied Geology |
| | Designation | Professor |
| | Faculty | Science |
| | Subject | Geology |
| | Date of Appointment | 10/09/1990 (Since 20/09/2007 in KBCNMU, Jalgaon) |
| D | Address for communication | Department of Applied Geology, School of Environmental and Earth Sciences, Kavayitri Bahinabai Chaudhari North Maharashtra University, P. O. Box No. 80, Umavi Nagar, Jalgaon - 425001 (M.S.) India |
| | Residence | 24, Deoram Nagar, Gat No. 81/B1, Nimkhedi Shiwar, Old Mumbai Dhule Highway, Jalgaon, Maharashtra-425001, India |
| E | E-mail ID | snpatil@nmu.ac.in drsnpatil9@gmail.com |
| F | Office Telephone number | 0257- 2257429 |
| | Mobile | 9423937400 |
| G | The Indian languages that are able to speak fluently and read | Hindi, Marathi, English |

Educational Qualifications

| Examination / Degree | Board / University | Institute | Subjects / Specialization | Year of Passing | Division / CGPA | Marks in % |
|-----------------------------|--|-----------------------------------|----------------------------------|------------------------|------------------------------|-------------------|
| Secondary | Pune Board | Jai Hind School, Dhule | - | 1982 | First | 66.43 |
| Higher Secondary | Pune Board | Jai Hind Junior College, Dhule | - | 1985 | Second | 50.83 |
| Graduation | Pune University, Pune | Z. B. Patil Senior College, Dhule | Geology | 1988 | First class with distinction | 70.16 |
| Post Graduation | Pune University, Pune | Pune University, Pune | Geology | 1990 | First | 62.25 |
| Ph.D. | North Maharashtra University, Jalgaon | - | Geology | Awarded Oct. 2006 | - | - |
| MS-CIT | Maharashtra State Board of Technical Education, Mumbai | - | - | 2005 | Distinction | 80 |

Professional Experience

| University / Institution* | Post | From | To | Total (in years and months) |
|---|--------------------------|-------------|------------|------------------------------------|
| JTM College of Engineering, Faizpur Dist. Jalgaon | Lecturer | 10/09/1990 | 30/11/2002 | 12 Years and 03 months |
| JTM College of Engineering, Faizpur Dist. Jalgaon | Selection grade lecturer | 01/12/2002 | 19/09/2007 | 04 Years and 09 months |
| School of Environmental & | Reader in Geology | 20/09/2007 | 19/09/2010 | 03 Years |

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| Earth Sciences, NMU, Jalgaon | | | | |
| School of Environmental & Earth Sciences, NMU, Jalgaon | Associate professor in Geology | 20/09/2010 | 19/9/2013 | 03 Years |
| School of Environmental & Earth Sciences, KBCNMU, Jalgaon | HOD (Applied Geography) | 17/08/2011 | 23/06/2015 | 04 years and 01 month |
| | | 29/07/2019 | 30/10/2019 | |
| School of Environmental & Earth Sciences, KBCNMU, Jalgaon | HOD (Applied Geology) | 17/08/2011 | Till date | 09 years and 10 months |
| School of Environmental & Earth Sciences, KBCNMU, Jalgaon | Professor in Geology | 20/09/2013 | Till date | 07 years and 09 months |
| Total Experience: 30 Years and 09 months | | | | |

Details Of Administrative Experience In The Of Higher Education Not Below The Rank Of Professor And Head Of The Department In A University / Principal (In Professor's Grade) Of A Senior College / Head Of National / International Institutions Of Advanced Learning

| Sr. No. | Post | Period From – to – (dates and duration) | Name of the University / Colleges / Institution & Location |
|---------|-----------|--|---|
| 1 | Professor | 20/09/2013 to till date | Department of Applied Geology, School of Environmental and Earth Sciences, Kavayitri Bahinabai Chaudhari North Maharashtra University, Jalgaon-425001 |

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| 2 | Head of the Department in a University (Applied Geology) | 17/08/2011 to till date | | Department of Applied Geology, School of Environmental and Earth Sciences, Kavayitri Bahinabai Chaudhari North Maharashtra University, Jalgaon-425001 |
| 3 | Head of the Department in a University (Applied Geography) | 17/08/2011 | 23/06/2015 | Department of Applied Geography, School of Environmental and Earth Sciences, Kavayitri Bahinabai Chaudhari North Maharashtra University, Jalgaon-425001 |
| | | 29/07/2019 | 30/10/2019 | |

Awards, Recognitions and honors

- ❖ Received **Best Teacher Award** on the eve of Foundation Day by Kavayitri Bahinabai Chaudhari North Maharashtra University, Jalgaon in 2016 as a token of appreciation for contribution in teaching and research field.
- ❖ Nominated as a **Fellow** of Geological Society of India (GSI) in year 2016 for contribution in field of Geology & Earth Sciences.
- ❖ Served as an **Expert Member** of Jalgaon District Sheep Grazing Committee constituted by Forest Department of Maharashtra State Government during the year 2017-2018
- ❖ Served as an **Expert Member** of Balbharti Geoscience Textbook Committee constituted by Department of Higher Education of Maharashtra State Government during the year 2018-2019
- ❖ Nominated & serving as a **Member of Academic Council** of Kavayitri Bahinabai Chaudhari North Maharashtra University, Jalgaon since year 2018
- ❖ Nominated & serving as a **Chairman of Ad-hoc Board of Geosciences** constituted by Kavayitri Bahinabai Chaudhari North Maharashtra University, Jalgaon since year 2018
- ❖ Served as an **Expert Member** in State Expert Appraisal Committee (SEAC-1) constituted by Ministry of Environment & Forest, Government of India for Environment Department, Govt. of Maharashtra State from March 2017 to March 2021
- ❖ In year 2021, Elected as a **Member** of The National Academy of Sciences India (NASI), which is recognized as the professional body of the DST and ISRO of the DSIR, Ministry of Science & Technology, Govt. of India

Research Publications

Total no. of research articles published in reputed National/International journals: 81

| International Publications: 42 | |
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| 01. | BARIDE M. V. PATIL S. N. ARTI BARIDE, Study of the ground water Quality and its Suitability for Agricultural Use in Yawal Taluka, Jalgaon District, Maharashtra, India, International Publication, AOGS, Singapore Advance in Geoscience, Vol.23 Hydrological Science (2010). Pages 271-294. |
| 02. | S. N PATIL AND M. V. BARIDE, Impact of Agricultural practices on groundwater regime in Yawal Taluka of Jalgaon District, Maharashtra State, India, International Publication, AOGS, Singapore Advance in Geosciences, Vol.23 Hydrological Science (2010). Pages 305-322 |
| 03. | Gautam Gupta, Vinit Erram, Saumen Maiti, Nandkishor Kachate, and S. N. Patil , Geoelectrical Studies for delineating seawater intrusion of Kokan coast, Western Maharashtra, International Journal of Environment and Earth Sciences, Vol.1 June 2010, pages 62-79. |
| 04. | M. V. Baride, S. N. Patil , Deepali Yeole and Rushikesh Golekar, Evaluation of the heavy- metal contamination in surface / ground water from some parts of Jalgaon District, Maharashtra, India, Archives of Applied Science Research, 2012, 4 (6):2479-2487 ISSN 0975-508X. |
| 05. | Deepali Yeole, S.N. Patil , and N.D. Wagh, Evaluating Pollution Potential of Irrigation by Domestic Wastewater on Fertile Soil Quality of Mamurabad Watershed Area near Jalgaon Urban Centre, Maharashtra, India, Journal of Environment (2012), Vol. 01, Issue 03, pp. 84-92 ISSN 2049-8373 |
| 06. | M. V. Baride, S. N. Patil , Deepali Yeole and Rushikesh Golekar, Evaluation of the heavy- metal contamination in surface / ground water from some parts of Jalgaon District, Maharashtra, India, Archives of Applied Science Research, 2012, 4 (6):2479-2487 ISSN 0975-508X |
| 07. | R. B. Golekar, M. V. Baride, and S. N. Patil , Morphometric analysis and hydrogeological implication: Anjani and Jhiri river basin Maharashtra, India, Archives of Applied Science Research, 2013, 5 (2):33-41 ISSN 0975-508X. |
| 08. | R. B. Golekar, M. V. Baride and S. N. Patil , Assessment of surface and waste water quality for irrigation suitability: A case study of Jalgaon Urban area, Maharashtra (India), Der Chemica Sinica, 2013, 4(2):177-181 ISSN: 0976-8505 |

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| 09. | R. B. Golekar, M.V. Baride, S. N. Patil , Human health risk due to trace elements contamination in groundwater from Anjani and Jhiri river catchment of Northern Maharashtra, India, Earth Science Research Journal Vol 17, No. 1. June, 2013 pp 17-23 ISSN: 1794-6190 (Print) ISSN: 2339-3459 (online) Publisher: Universidad National De Colombia |
| 10. | Golekar R B, Salokhe Abhay, Kamble Nirmal, Baride M V, Patil S N , Pathare S V, Hydrogeochemistry of subsurface and surface water from bank of Jayanti stream, Kolhapur area, Maharashtra (India), International Journal of Geomatics and Geosciences Vol 4, No 1, 2013 pp 136 – 148 ISSN 0976 – 4380 Publisher: Integrated Publishing Association |
| 11. | Golekar R B, Baride M V, Patil S N and Yeole D R, Assessment and investigation of trace element in soils with reference to Geo-accumulation Index: Jalgaon District, Northern Maharashtra (India) , International Journal of Environmental Sciences Volume 4 No.1, 2013 doi:10.6088/ijes.20130401000006 ISSN 0976 – 4402 Publisher: Integrated Publishing Association Impact Factor: 0.19 |
| 12. | Patil S. N , Marathe N. P, Kachate N.R, Ingle S.T & Golekar R. B, Electrical resistivity techniques for groundwater investigation in Shirpur taluka of Dhule district, Maharashtra state, India, International Journal of Recent Trends in Science & Technology July 2015;15 (3):567- 575 ISSN 2277-2812 E-ISSN 2249-8109 Impact Factor 1.2068. |
| 13. | Patil.S.N , Kachate.N.R, Marathe.N.P, Ingle.S.T and Golekar.R.B, Electrical Resistivity studies for Groundwater exploration in the some parts Chopda block of Jalgaon District, Maharashtra, India. International Research Journal of Earth Sciences Vol. 3(8), 8-13, August (2015) ISSN 2321–2527 |
| 14. | S N Patil , Tiwari M. Y & S T Ingle, Hydro Geochemistry Assessment of Shallow Aquifer in Muktainagar Area of Jalgaon District M.S India, International Journal of Allied Practice, Research and Review Vol. II, Issue VIII P.n 12-28, 2015 |
| 15. | Dr. S N Patil , M.Y Tiwari Dr. S T Ingle, Status of Geochemical behavior of groundwater of Deep Aquifer in Muktainagar Area of Jalgaon District M.S India. International Research Journal of Engineering and technology Volume: 03 Issue: 02 / Feb-2016 e-ISSN: 2395-0056 p- ISSN: 2395-0072 pp. 293-300 Impact Factor - 4.45 |
| 16. | RB Golekar, MV Baride, SN Patil , Rajesh Mohite, Sunil Patil, HN Ronad, Estimation of Hydraulic Conductivity from Grain Size Distribution: A Case Study of Sediments from Panzara River, Tapi Basin, Northern Maharashtra (India) , Bulletin of Pure & Applied Sciences-Geology, Volume 35 Issue 1 pp1-11 ISSN: 2320-3234 |

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| 17. | RB Golekar, SN Patil, J Arjun, P Santosh, P Someshwar, RB Golekar, SN Patil , Jadhav Arjun, Patil Santosh, Pawar Someshwar, Spatial and Temporal Variability of Summer Monsoon Rainfall from the Period of 1971 to 2011 over Maharashtra State, India , Journal of Water Resources and Pollution Studies, Volume-1, Issue-1 |
| 18. | AV Deshpande, SN Patil , Assessment of groundwater quality by using statistical analysis from kopargaon taluka, Ahmednagar, India , International Journal of Advanced Geosciences, Volume 4, Issue 2, pp15-20, ISSN: 2311-7044 |
| 19. | Yogesh Mahajan, Shrikant Mahajan, Bharat Patil, Sanjay Kumar Patil , Urban Expansion and Loss of Agricultural Land: A Remote Sensing Based Study of Shirpur City, Maharashtra , International Journal of Advanced Remote Sensing and GIS, pp. 2097-2102 |
| 20. | DC Jadhav, JS Thakur, SN Patil , ST Ingle, Heavy Metal Contamination of Surface Soil from E-Waste Recycling Sites of Informal Sector in Mumbai Urban , International Journal of Engineering Science, Volume 7 Issue 8, pp14526-14530 |
| 21. | Golekar R.B., Patil S.N. , Joshi Mrunali , Vaidya Aakanksha, Kamble Pooja and Rohini Ranjit Ambure, Chemico-mineralogical and petrographical study of natural zeolites and apophyllite in basalts from deccan trap, northern maharashtra (india), Bulletin of Pure & Applied Sciences-Geology, ISSN: 0970-4639, Impact factor: 5.195 |
| 22. | S.T.Ingle, S.N.Patil , P.M.Kolhe, N.P.Marathe, N.R.kachate, Evaluation of agricultural soil quality in Khandesh region of Maharashtra, India, Nature Environment and Pollution Technology, Vol.17, Issue.4, pp.1147-1160, 2018, ISSN: 0972-6268 Impact factor:2.236 |
| 23. | S.N. Patil , N.R.Kachate, S.T. Ingle, Estimation of Dar-Zarrouk parameters for groundwater exploration in parts of Chopda Taluka, Jalgaon district, Maharashtra (India), Journal of Indian Geophysical Union,(July 2018),v.22, no.4, pp: 425-435,ISSN: 0971-9709 |
| 24. | ST Ingle, SN Patil , NK Mahale, YJ Mahajan, Analyzing rainfall seasonality and trends in the North Maharashtra region, Environmental earth sciences, 2018, 77 (18),651,ISSN : 1866-6299, Impact Factor: 1.871 |
| 25. | Y.J.Mahajan, B.D. Patil, S. N. Patil , A Geographical Analysis of Organic Fertilizers Application in Shirpur Tehsil of Maharashtra (MS), India, International Journal of Engineering, Science and Mathematics, Vol. 7 Issue 5, May 2018,ISSN: 2320-0294, Impact factor: 6.765 |

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| 26. | Hrushikesh Mendole, Prashant Jolhe, Sanjaykumar Patil , Nilesh Wagh, Sopan Ingle, Girish Pangavhane, Molasses based Spentwash Decolorization by Coagulation by Coagulation & Flocculation, International Research Journal of Engineering and Technology 6 (5), 2019, ISSN: 2395-0072, Impact Factor: 7.211 |
| 27. | R.B.Golekar, M.V.Baride, S.N.Patil , Study the status of Geomedical Health Hazards due to quality of water in Jalgaon district, Maharashtra (India), Bulletin of Pure & Applied Sciences-Geology,2017 Volume-36, Issue-2, Pages 103-121, ISSN : 0970-4639, Impact factor: 5.195 |
| 28. | Yogesh Mahajan, Bharat Patil., Patil S.N. , Change Detection of Land-use and Land-cover of Shirpur Tehsil:A Spatio-Temporal Analysis, American International Journal of Research in Science, Technology, Engineering & Mathematics, ISSN: 2328-3491, Impact Factor: 5.01 |
| 29. | Baride Mukund Vasantrao, Patil Jitendra Bhaskarrao, Baride Aarti Mukund, Golekar Rushikesh Baburao, Patil Sanjaykumar Narayan , Comparative study of Wenner and Schlumberger electrical resistivity method for groundwater investigation: a case study from Dhule district (MS), India, Journal Applied Water Science,Volume 7 Number 8 App Water Sci (2017), ISSN: 2190-5497 |
| 30. | S.N.Patil , N.P.Marathe, S.T.Ingle, Geochemical Investigation for Groundwater Quality and its Suitability for Drinking and Agricultural use of Shirpur Taluka in Dhule District, Maharashtra State, India, International Journal of Current Engineering and Scientific Research Volume.5,Issue-4, 2018, ISSN: 2393-8374, (SJI Factor:6.263) |
| 31. | Yogesh Mahajan, Shrikant Mahajan, Bharat Patil, Sanjaykumar Patil , Urban Expansion and loss of Agricultural land:A Remote Sensing Based Study of Shirpur City, Maharashtra, International Journal of Advanced Remote Sensing and GIS, pp.2097-2102, ISSN : 2320-0243, Impact factor: 1.97 |
| 32. | D.C.Jadhav, J.S.Thakur, S.N.Patil , S.T.Ingle, Heavy Metal Contamination of Surface Soil from E-Waste Recycling sites of Informal Sector in Mumbai Urban, International Journal of Engineering Science Publication, Impact factor: 5.61 |
| 33. | G.Shailaja, G.Gupta, S.T.Padmane, S.N.Patil , Morphometric analysis of trap covered Suki River Basin, Maharashtra for water Resource Management Using Geo-Spatial Tools, Asian Journal of Applied Science and Technology Vol. I, Issue.9, pp.347-360, 2017, ISSN: 2456-883X, Impact Factor: 1.805 |

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| 34. | K.S. Kumbhar, M.V. Baride, S.N. Patil & R.B. Golekar, Characterisation of Aquifer parameters through pump test in selected Watersheds of Kolhapur District, Maharashtra, Journal of Geosciences Research, Vol.4, No.1, (2019), pp: 57-60 |
| 35. | Pratik M. Kolhe, Sanjay N. Patil , Seema P. Bhole, Nilesh D. Wagh, Multi-way Degradation and process optimization of Phenol from Simulated Wastewater System, Journal of Geography, Environment and Science International (2019) Vol No.23 Issue No. 02, PP. 1-10 |
| 36. | Pradip T. Salve and Sanjay N. Patil , Effect of SRI method for rice cultivation and drip irrigation- A low cost treatment for cultivation of Strawberry, (2013) Advance Research Journal of crop improvement, Vol. No.4 Issue No.2, PP. 93-97 |
| 37. | G. Gupta, S. N. Patil , S. T. Padmane, V. C. Erram and S. H. Mahajan, Geoelectrical Investigation to delineate groundwater potential and recharge zones in suki river basin, North Maharashtra, Journal of Earth System Science, (2015) Vol. No. 124, Issue No. 07, pp. 1487-1501 |
| 38. | D. R. Yeole, M. Chaudhari, S. Meshramkar, S.N. Patil & N. D. Wagh, Role of Hydrogen peroxide in hyper accumulation of some heavy metals from soil by lucerne species (2010). Journal of Advances in Science and Technology, Vol.13 No. 01, pp. 17-22 |
| 39. | Ajaykumar Kadam, Vasant Wagh, Sanjay Patil , Bhavana Umrikar, Rabindranath Sankhua, James Jacobs, Seasonal variation in groundwater quality and beneficial use for drinking, irrigation, and industrial purposes from Deccan Basaltic Region, Western India, Environmental Science and Pollution Research, Springer Berlin Heidelberg 28 (20), 26105-26105; https://link.springer.com/article/10.1007/s11356-020-12115-x |
| 40. | Ajaykumar Kadam, Vasant Wagh, Sanjay Patil, Bhavana Umrikar, Rabindranath Sankhua, Seasonal assessment of groundwater contamination, health risk and chemometric investigation for a hard rock terrain of western India, Environmental sciences and Pollution research, Springer Berlin Heidelberg (2021), Vol 80, Issue 05, pp. 1-22, https://link.springer.com/article/10.1007/s12665-021-09414-y |
| 41. | Milind Mujumdar, Mangesh Goswami, Ross Morrison, Jonathan Gevans, Naresh Ganeshi, S. S. Sabade, R. Krishnan, S. N. Patil , A study of field-scale soil moisture variability using the COsmic-ray Soil Moisture Observing System (COSMOS) at IITM Pune site, Journal of Hydrology, Elsevier, Year (2021), Vol. 597, Impact factor: 4; https://doi.org/10.1016/j.jhydrol.2021.126102 |

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| 42. | Ajaykumar Kadam, Vasant Wagh, James Jacobs, Sanjay Patil , Namdev Pawar, Bhavana Umrikar, Rabindranath Sankhua, Suyash Kumar, A comprehensive assessment of groundwater for seasonal variation in hydro-geochemistry, quality, contamination and human health risk from Deccan Basaltic region, Western India, Environmental sciences and Pollution research, Springer Berlin Heidelberg, 2021; DOI: https://doi.org/10.21203/rs.3.rs-177448/v1 |
| National Publications: 39 | |
| 43. | Patil S. N , Bhatewal D. P., Bhole D. and Chavan A. B. (2007), Importance of Surface runoff for strengthening the watershed development, in Northern part of the Dhule district, MS”,” Journal of Research Link, 38, Vol. VI (3), pp. 7 – 8 |
| 44. | Bhole D, Datye V. S., Bhatewal D. P. and Patil S. N (2007), Landuse orientation in Maharashtra: A spatio-temporal analysis” Journal of Research Link, 38, Vol. VI (3), pp. 7 – 8 |
| 45. | Dr SN Patil and Dr MV Baride, “Geophysical investigation for ground water in Yawal Taluka of Jalgaon District, Maharashtra.” 2 nd Volume of the Hyderabad Seminar, Journal of ISEG, pages 355-360. |
| 46. | S. N. Patil , V. M .Rokade, Sandeep P. Patil, Sachin Patil and Shantaram Jagadale, Hydro geochemical Investigation of Groundwater from Faizpur area of Jalgaon District, Maharashtra, Journal of Applied Geochemistry, Vol 12 No. 2 (2010) pp 217-223 |
| 47. | D.Yeole, M.Chaudhari, S. Mehshramkar, S.N.Patil and N.D.Wagh, ‘Role of H ₂ O ₂ in Hyper Accumulation of ni & Zn from Soil by Lucerene (Alfa – Alfa)Species’, Journal of Advances in Science and Technology, Vol.No.13, June 2010 pp 109-116 |
| 48. | Babu, R. N. Jadhav, D. B. Sarode, Vasim Khatic, S. N. Patil and S. T. Ingle; Assessment of Ground water quality in North Maharashtra University Area, Jalgaon. Workshop on Ground Water Resource Management. In Maharashtra, organised by CGWB, Nagpur (March 3-4,2009) |
| 49. | S.Patil , R. B. Golekar, S. V. Pathare, Archana Chavan, S. B. Kulkarni, Sonal Pingalkar, Arti Baride (2012), Study the Status of Occurrence and Applications of Zeolites in Western Parts of Deccan Basalts from Jalgaon District, Maharashtra State, India An Overview , proceeding of International Conference on Multidisciplinary Approaches in Applied Geology pp 145 – 150 |

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| 50. | RB. Golekar, M. V. Baride, S. N. Patil (2011), The Geomorphological, Hydrological and Groundwater Fluctuation Studies for Watershed Development of Minor 70 Jayakwadi Irrigation project Right Canal’’ Majalgaon Taluka Beed District, Maharashtra. IGWC Groundwater Research series # 4 pp 134-145 ISBN 978-93-5067-839-8 |
| 51. | R. B. Golekar, S. N. Patil , M.V. Baride, D. R. Yeole, Hydro geochemistry of Shallow & Deep Aquifers from Anjani & Jhiri River Catchment (TAPM006), Jalgaon District, Northern Maharashtra, India. Proceedings of the Fifth International Groundwater Conference The assessment and management of groundwater resources in hard rock systems with special reference to basaltic terrain IGWC Groundwater Research series # 5 (III) pp 740-757 |
| 52. | Patil J. B, Baride M. V, Patil S. N , Golekar R. B, Gangurde Suvarna, Thorat Kamini, Patil Pritam. Geochemical Investigation Of Ground water for Irrigation Purposes in Sakri area of District Dhule, Maharashtra, India. International Journal of Environmental & Earth Sciences. ISSN: 0976-7010, 2:1 (2012), 50 |
| 53. | Sanjaykumar N. Patil , P.D.Nemade and A.P.Gote, Application of Water shed Management Techniques in northeastern parts of Jalgaon districts Maharashtra, Proc. Vol. of National Symposium on Modern Practices in Geotechniques, held at ISEG, Lucknow 1996. |
| 54. | S. N. Patil , Anupama Chavan and Vishnukumar Mathur, Study of Hydrogeology Wadjee area of Malakapur Taluka District Buldhana M.S.,Proc. Vol. of National Conference on Ground water and Watershed Development, held at Jaihind College Dhule 11-12 Jan 1999. |
| 55. | S. N. Patil , Deepali L Kasodekar and Rakhi Chaudhari, Geophysical Investigation for Ground water in Northeastern Parts of Jalgaon districts, M.S., Proc. Vol. National conference on Ground water and Watershed Development, held at Jaihind college Dhule 11-12 Jan 1999. |
| 56. | S. N. Patil , P. D. Nemade, Ajit Kothare, Khachane Mahesh Y., Study of Ground water Quality of Pravara Nagar area of Ahmadnagar Districts M.S., Proc. Vol. of National Conference on Environment: Ergonomics and Epistemology, held at Jaihind college Dhule 4-5 Oct 2002., pp. 01-05 |
| 57. | S. N. Patil , P. D. Nemade and Anirban Mazumder, Green house Effect due to Vehicular Pollution, Proc. Vol. of National Conference on Environment: Ergonomics and Epistemology, held at Jaihind College Dhule 4-5 Oct 2002, pp. 06-13 |

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| 58. | S. N. Patil and M. V. Baride, Status of Solid waste Management in India, Proc. Vol. of National Conference on Environment: Ergonomics and Epistemology, held at Jaihind college Dhule 4-5 Oct 2002, pp. 120-126 |
| 59. | S. N. Patil and M. V. Baride, Ground water Balance Studies of Yawal Taluka Districts Jalgaon, M.S., Proc. Vol. of National Conference on Environment: Ergonomics and Epistemology, held at Jaihind college Dhule 4-5 Oct 2002, pp. 133-136 |
| 60. | N. W. Kale, S. I. Kolhe, S. N. Patil and P. D. Nemade, Impact of CO, HC and NOX on Environment, Proc. Vol., National Seminar on Geo environmental Hazards- A Future Perspective, held at J.T.M. college of Engg. Faizpur 6-7 Oct 2003, pp. 118-124 |
| 61. | S. N. Patil and P. D. Nemade, Solid Waste Management in India – An Overview, Proc. Vol., National Seminar on Geo environmental Hazards- A Future Perspective held at J.T.M. college of Engg. Faizpur 6-7 Oct 2003, pp. 110-114 |
| 62. | S. N. Patil , N. W. Kale and P. D. Nemade, The Physico – Chemical Characteristics and Quality of Water from the Southeastern Parts of Rahuri area Ahmadnagar district, M.S., Proc. Vol., National Seminar on Geo environmental Hazards- A Future Perspective, held at J.T.M. college of Engg. Faizpur 6-7 Oct 2003, pp. 118-121 |
| 63. | S. N. Patil , M. V. Baride and A. B. Chavan, An Integrated approach for Ground Water Augmentation – A case study, Proc. Vol., Int. Seminar on “An Integrated Approach For Strengthening and Protecting Drinking Water Source, organized by Water Supply and Sanitation Department and Ground Water Survey and Department Agency, Maharashtra Government at Pune on Sept. 27-28 2001.pp. 571-575 |
| 64. | S. N. Patil , M. V. Baride and A. B. Chavan, Remote Sensing for Sitting of Rain water Harvesting Structures from Northeastern Parts of Jalgaon District, Maharashtra, Proc. Vol., Int. Seminar on “An Integrated Approach For Strengthening and Protecting Drinking Water Source, organized by Water Supply and Sanitation Department and Ground Water Survey and Department Agency, Maharashtra Government at Pune on Sept. 27-28 2001, pp. 349-353 |
| 65. | S. N. Patil , M. V. Baride, Janmit Singh and Nisheeth Khare, Remote Sensing for Ground water Environment Study in Mudavad village of Dhule District, M.S., Proc. Vol. of National Conference on Environment: Ergonomics and Epistemology, held at Jaihind college Dhule 4-5 Oct 2002, pp. 57-62 |
| 66. | T. P. Chinawalkar, S. N. Patil and Ratnakar Mahajan, Suitability of Aggregates- A case Study of selected Deccan Trap quarries of Jalgaon District, Maharashtra, Proc. |

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| | Vol., National Sym., Journal of Engineering Geology Vol. No.XXVII, No.4 pp231-235, Dec 1999, pp. 231-235 |
| 67. | S. N. Patil , Impact of Seismicity in Kalvan Taluka District Nasik Maharashtra- An Overview, Proc. Vol., Workshop, Journal of Engineering Geology Vol. No.XXVII, No.27 pp137, Oct 1999 |
| 68. | S.N.Patil , M.V.Baride and A.B.Chavan, Interlinking of Rivers- A Vital necessity, Journal of Engineering Geology Vol. No.XXXI, No.1-4 pp 69-70, December 2004. |
| 69. | S.N.Patil , M.V.Baride, Interlinking Of Indian Rivers-An assessment, Journal of Engineering Geology Vol. No.XXXI, No.1-4 pp 59-62, December2004. |
| 70. | R. B. Borse, S. N. Patil , M. V. Baride and A. B. Chavan Environment and Society-An Overview, Proc. Vol., National Conference on Environmental Pollution, Disaster Management And Mitigation held at Dnyanopasak College Parbhani ,15-16 September 2006. Pp. 48-51 |
| 71. | S. N. Patil , M. V. Baride and A. B. Chavan, Interlinking Of River- Need For Future, Proc., Vol., Workshop on Feasibility and Effective Implementation Of Interlinking Of Indian Rivers, held at Govt. College Of Engineering Amaravati, 22 nd March 2005. |
| 72. | B.D.Patil, S.N.Patil , R.V.Jawale and R.C.Panchabhai, Geochronology of sediments using optically stimulated Luminescence Dating Techniques: An Oveview, National Seminar on Research Trends in Geological Studies (2019), held at The Gandhigram Rural Institute, Gnadhighram 25-26 March, 2019. |
| 73. | S.N. Patil , S.T. Ingle, D.R. Yeole, D.V. Patil and B.D. Patil, Correlation between Magnetic Susceptibility and Heavy Metal contamination in Agricultural Soil of Jalgaon Peri Urban Area, Maharashtra, India, Journal of Geosciences Research, V5-2, pp. 117-122, 2021 |
| General papers published in proceedings of conventions, conferences, etc: | |
| 74. | S. N. Patil , Samson V. Gadekar and Surendra Singh, Role of Technical Teachers in Society – An overview Proc. Vol. of 1 st convention of ISTE held J.T.M. College of Engg. Faizpur 25-26 Oct 1996, pp. 17-22 |
| 75. | Sanjaykumar N. Patil and Samson V. Gadekar, Youth's role in campus diversity, Proc. Vol. of National Conference on concept an implication of diversity held at Jaihind College Dhule. 31 st Jan –1 st Feb 1997, pp. 89-92 |

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| 76. | S. N. Patil , Anup Awasthi, Anshuman Aggrawal, The Impact of Globalization on Industry – Institute Partnership with special reference to Quality Management, Proc. Vol. , ISTE State Level Convention held at C.W. Institute of technology, Pune, 31 st Oct –1 st Nov 1998, pp.263-265 |
| 77. | S. N. Patil , Anup Awasthi and Nitin Arora, Industry – Institute Interaction – An Overview, Proc. Vol. of National Conference and ISTE convention, 23 –24 Nov 1999 |
| 78. | S. N. Patil , P. D. Nemade, L. D. Chaudhari and R. K. Malviya, Application of Quality Circle Concept to Value Based Quality Education in Engineering. Proc. Vol. of State Level ISTE Convention of Value Based Quality Engineering Education – A Call of the Time, held at JTM College Engg. Faizpur 15-16 Sept 2003 |
| 79. | S. N. Patil , P. D. Nemade, S. K. Singh and R. K. Malviya Meditation – A key to Success in Engineering. Education, Proc. Vol. of State Level ISTE Convention of Value Based Quality Engineering Education – A call of the Time held at JTM College Engg. Faizpur 15-16 Sept 2003 |
| 80. | S. N. Patil , P. D. Nemade and N. T. Talele, Value Based Education – An Overview, Proc. Vol. of State Level ISTE Convention of Value Based Quality Engineering Education – A Call of the Time, held at JTM College Engg. Faizpur 15-16 Sept 2003 |
| 81. | S. N. Patil , Rangana Sahu and Parvinder Singh Saini, Impact of Technical Education on Society- An Overview, Proc. Vol. of State Level ISTE Convention of Value Based Quality Engineering Education – A Call of the Time, held at JTM College Engg. Faizpur 15-16 Sept 2003 |

Total no. of Book Chapters published by National/International publication houses: 04

| Sr. No. | Title of the book / book chapters | Name of the publisher | Type |
|---------|--|--|--------------------|
| 82. | Hydrogeological Sciences Chapter 22 (pp271-294): Advances in Geosciences | World scientific Publishing Company, Year: 2010 ISBN/ISSN No.10981-4355-32-1 | Reference Book |
| 83. | Hydrogeological Sciences Chapter 24(305-322): Advances in Geosciences | World scientific Publishing Company, Year: 2010 ISBN/ISSN No.10981-4355-32-1 | Reference Book |
| 84. | VICHAKSHAN Masik Chapter 02 (pp02-04): Earthquake Management | Vichakshan publication company, shirpur, Year: 2015 ISBN/ISSN No.:2394-8027 | Reference Magazine |

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|-----|---|--|----------------|
| 85. | Geo-information Technology in Earth Resources Monitoring and Management; Chapter 20 (pp. 369-382): Geospatial Distribution of Dar Zarrouk Parameter Resulting from vertical electrical sounding in Dharangaon and Erandol Block of Jalgaon District, India | NOVA Science Publishers, New York, Year: 2021, ISBN:978-1-536-19-669-6 | Reference Book |
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Details Of Major Research Projects Executed

| Sr. No. | Title of the project | Project Value (Rs. In lakh) | Granting agency | Date of start | Date of Completion |
|---------|--|-----------------------------|-----------------|---------------|--------------------|
| 1 | Impact of climate change on river basin and water resources management in Khandesh Region of Maharashtra (Dy. Coordinator) | 49.00 Lakh | DST-FIST | 10/09/2009 | 20/03/2012 |
| 2 | SAP Project on Monitoring, Mapping and Risk assessment of Air and Noise pollution in North Maharashtra region. (Dy. Coordinator) | 37 Lakhs | UGC, Delhi | 01/04/2009 | 31/03/2012 |
| 3 | Geomedical Health Hazards due to Quality of water, Soil and Agricultural Practices A Case Study (Co-PI) | 15.98 Lakhs | DST, Delhi | 10/09/2010 | 10/11/2013 |
| 4 | Applications of Geochemical and GIS techniques in Impact Assessment of Municipal Waste on soil and water Quality of Jalgaon area. (Principal Investigator) | 10.41Lakhs | UGC, Delhi | 01/04/2012 | 31/03/2015 |

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| 5 | SAP Project on Effect of Micro climatic Variation on Water Availability and Agricultural Pattern region. (Dy. Coordinator) | 72.50 Lakhs | UGC, Delhi | 31/03/2015 | 31/03/2020 |
| 6 | Water quality and Geomedical health hazard management in tribal pockets of Nandurbar district, Maharashtra, India (Principal Investigator) | 8.32 Lakhs | National Academic of Science India (NASI), Prayagraj | 25/09/2018 | Ongoing |

List of Consultancy Project completed till date

| Sr. No. | Consultancy area | Consultancy Provided to | Period | Amount Received |
|---------|--|---|-----------|-----------------|
| 1 | Environmental and Social impact assessment of Akkalpada Dam. | Irrigation Department, Govt. of Maharashtra | 2010-2011 | 1.5 Lakhs |
| 2 | Social Impact Assessment of Lower Tapi Irrigation Project. | Irrigation Department, Govt. of Maharashtra | 2012-2013 | 17.45 Lakhs |
| 3 | Environmental Impact Assessment of Mangrul Medium Water Reservoir Project. | Irrigation Department, Govt. of Maharashtra | 2014 | 8.0 Lakhs |
| 4 | Environmental Audit of Garware Polyester Ltd. | Garware Polyester Ltd., Waluj, Aurangabad | 2016 | 1.0 Lakhs |
| 5 | Green Environmental Audit | Ajanta pharma Ltd, Aurangabad | 2019 | 2.0 Lakhs |
| 6 | Geophysical Prospecting for Ground water | Exe. Engineer, Lift Irrigation, Jalgaon | 2018 | Rs. 4000/- |
| 7 | Geophysical Prospecting for Ground water | RTO, Jalgaon | 2018 | Rs. 1500/- |
| 8 | Green Environmental Audit | J.T. Mahajan Collage of Engineering, Faizpur Tal Raver, Dist. Jalgaon | 2018 | Rs. 12,300/- |

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| 9 | Geophysical, Geotechnical surveys, Industries Pollution monitoring | Local Industries, organization and individuals | Till date | 3.0 Lakhs |
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Experience To Guide Ph.D. Students

| Sr. No. | Student | Thesis title | Period of Guideship | Ph.D. awarded in /Status |
|---------|--------------------------|---|---|--------------------------|
| 1 | Padmane S.T. | Hydrogeological Studies on Suki River Project, Jalgaon District M.S. | DOR: 13/05/2008 Awarded on 20/01/2014 | Geology |
| 2 | Patil Ujawal | An Integrated Approach for Prediction and Assessment of Sulwade Irrigation Project, Dhule. | DOR: 22/01/2009 Awarded on 02/04/2016 | Environmental Sciences |
| 3 | Yeole Deepali Ramkrishna | Environmental Impact assessment studies of municipal waste on soil and water regime of jalgaon area, Maharashtra State, India | DOR: 22/02/2011 Awarded on 11 /05/2016 | Environmental Sciences |
| 4 | Munmun Kundu | Assessment of Hydrogeochemistry of Groundwater Resources of Muktainagar Taluk, District Jalgaon, Maharashtra, India | DOR: 22/02/2011 Awarded on 15/09/2017 | Environmental Sciences |
| 5 | Deshpande Anil Vasant | Impact of Sugar Factory on soil and Ground Water Quality of Kopargaon area of Ahmadnagar District M.S. India | DOR: 04/08/2011 Awarded on 29/01/2018 | Geology |
| 6 | Mahajan Yogesh Jagannath | An integrated Approach for Sustainable development in Agricultural practices of Shirpur Tehsil, Dhule, Maharashtra | DOR: 31/08/2015 Awarded on 22/5/2019 | Geography |
| 7 | Kolhe Pratik Mohan | Bio-chemical degradation of toxic aromatic compounds from wastewater | DOR: 06/05/2013 Awarded on 24/08/2019 | Environmental Sciences |
| 8 | Kachate Nandkishor Raju | An Integrated Approach for Aquifer Mapping Studies of Tapi East Watershed in Chopda area of Jalgaon District, Maharashtra (India) | DOR: 06/05/2013 Awarded on 31/01/2020 | Geology |
| 9 | Marathe Nilesh Prakash | Geophysical and Geochemical Investigations | DOR: 20/01/2012 | Geology |

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| | | for Groudwater in Shirpur taluka of Dhule District, Maharashtra State | Synopsis submitted | |
| 10 | Bartakke Vikram Vijaykumar | Seasonal and Temporal Variations in Geochemistry of Krishna-Koyna Rivers, Maharashtra, India | DOR: 25/05/2018 Total 03 Progress report submitted | Geology |
| 11 | Pimparkar Abhay Madhukar | Date of Provisional registration 20/11/2020 | | Environmental Sciences |
| 12 | Goswami Mangesh Mohanrao | Date of Provisional registration 20/11/2020 | | Environmental Sciences |
| 13 | Patil Nilesh Suresh | Date of Provisional registration 20/11/2020 | | Geography |
| 14 | Bhavsar Sumit Bhalchandra | Date of Provisional registration 20/11/2020 | | Geology |
| 15 | Patil Bhavesh Dinu | Date of Provisional registration 20/11/2020 | | Geology |

International Exposure Through Participation In Workshops, Seminars Or Conferences Held Outside The Country

| Sr. No. | Title of Workshop / Seminar / Conference | Month & Year | Place |
|---------|---|--------------|--------------------|
| 1 | Oceania Geosciences Society (AOGS), 6 th Annual General Meeting & Geosciences, World Community Exhibition | August 2009 | Suntech, Singapore |

List Of Online Training, E-Conferences, Webinars, E-Courses & Online Refresher Courses Attended In The Field Of Higher Education

| Sr. No. | Title of webinar, online workshops, e-events, lectures | Organized by | Month & Year |
|---------|---|--|--------------------------|
| 01 | E- Training on course on alteration zone mapping for mineral exploration with case studies from betul belt and others | Geological Survey of India Training Institute (GSITI), Hyderabad | 10/05/2021 to 15/05/2021 |
| 02 | Geology of North Eastern India | Geological society of India & NEHU, Shillong | 29/04/2021 |

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| 03 | National Webinar on Significance and Exploration of Critical Metals and REEs | Department of Geology M.S. University, Udaipur | 12/03/2021 |
| 04 | Webinar on Innovation And IPR: For Biotech Start-Ups and Business Incubators | Dr. B. Lal Institute of Biotechnology, Jaipur | 28/01/2021 |
| 05 | National level webinar on Challenges in Utilization of Groundwater and Surface water resources in India | Department of Geology M.S. University, Udaipur | 28/10/2020 |
| 06 | National level virtual workshop on Applications of Drone surveys and GIS techniques in Mining sector | Mining Engineers Association of India | 18/10/2020 |
| 07 | Online Industry Academia Conclave-2020 | KBC North Maharashtra University, Jalgaon | 30/09/2020 |
| 08 | National level Webinar on Geo-medical Health Hazards and Environmental Problems in Tribal Areas: Issues, Challenges and Opportunities | Department of Applied Geology, KBC North Maharashtra University, Jalgaon | 17/09/2020 |
| 09 | Virtual Seminar on Earth resources management in current scenario | S.G.V. University, Jaipur | 05/09/2020 |
| 10 | Webinar on Sustain-o-Preneurship: A key to self-reliance mission of India | Dr. B. Lal Institute of Biotechnology, Jaipur | 05/06/2020 |
| 11 | National level E- Entrepreneurship Conclave | KBC North Maharashtra University, Jalgaon | 30/05/2020 |
| 12 | National level webinar on Employment Opportunities in IT Sector after Lockdown Period | L.R.T. College, Akola, Maharashtra | 20/05/2020 |
| 13 | National level webinar on Entrepreneurship - Dream To Reality - The Journey and case studies | Sandip Institute of Engineering & Management, Nashik | 19/05/2020 |
| 14 | Two days National level workshop on Industrial Safety: An overview | Department of Environment Sciences, Shivaji University, Kolhapur | 12/05/2020 |
| 15 | National level workshop on Introduction to Galaxy and Satellite System | Indian Institute of Remote Sensing (IIRS) | 10/01/2020 |

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| 16 | National level workshop on RS of the Moon by Indian lunar mission with Emphasis on spectroscopic analysis | Indian Institute of Remote Sensing (IIRS) | 23/12/2019 |
| 17 | E- Training on Applications of Remote Sensing in Geosciences | Geological Survey of India Training Institute (GSITI), Hyderabad | 26/11/2020 to 28/11/2020 |
| 18 | E- Training on Refresher course on landslide studies | Geological Survey of India Training Institute (GSITI), Hyderabad | 09/11/2020 to 13/11/2020 |
| 19 | E- Training on Refresher course on Integrated Thematic Mapping | Geological Survey of India Training Institute (GSITI), Hyderabad | 20/10/2020 to 26/10/2020 |
| 20 | E- Training on fundamentals of mineral exploration for industrial and fertilizer minerals | Geological Survey of India Training Institute (GSITI), Hyderabad | 15/10/2020 to 17/10/2020 |
| 21 | E- Training on fundamentals of exploration for gold | Geological Survey of India Training Institute (GSITI), Hyderabad | 12/10/2020 to 14/10/2020 |
| 22 | E- Training on course on Magneto Telluric Survey and Interpretation | Geological Survey of India Training Institute (GSITI), Hyderabad | 23/09/2020 to 30/09/2020 |
| 23 | One week E- course on Environmental Science | Department of Geology, Khare-Dhere-Bhosale College, Guhagar, Tal - Guhagar, Dist-Ratnagiri, Maharashtra | 26/4/2020 to 20/05/2020 |
| 24 | One week E- course on Basics of Applied Geology | Department of Geology, Nowrosjee Wadia College, Pune, Maharashtra | 18/05/2020 to 25/05/2020 |

Experience Of Organizing Skill Oriented, E-Courses, E-Competitions, Online content In The Field Of Higher Education

1. Initiated & worked as a Co-Ordinator for E- course on Watershed Management conducted by Department of Applied Geology, KBC North Maharashtra University Jalgaon during 12/05/2020 to 18/05/2020.

2. In year 2019, Initiated & worked as a Co-Ordinator of one week skill-oriented course in Remote Sensing and GIS organized by School of Environmental and Earth Sciences, KBC North Maharashtra University Jalgaon during 22-29 August, 2019
3. As a head of the Department, played active role in initiated, designed and conducting Online quiz competitions in association with esteem institutes such as GSDA, GEOFORUM on Geosciences, Environmental Sciences, hydrogeology, Covid-19 related health issues to help students in study in lockdown period (March 2020 to July 2021). More than 500 students were participated on pan India level for these online free course and quiz.
4. Delivered an online guest lecture entitled “Ecosystem Restoration” on the special occasion of World Environment Day 2021 organized KBGT College of Engineering, Nashik, Maharashtra
5. Actively participated and delivered online guest lectures in Groundwater literacy campaign (Bhujal Saksarta Abhitan) launched & organized in year 2021 by Groundwater Survey and Development Agency (GSDA) in Jalgaon District region.
6. In year 2020, While working as a head of the Department, specially Initiated, designed & launched the free You-tube channel entitled “Geosciences for Society” to create awareness amongst the students & youngsters related to highlighting the role of Geosciences for sustainable development of Society. This initiative played an important role in helping students in online self-study during lockdown period.

Experience Of Organizing Events Such As Workshops, Seminars, Conferences, E-Webinars At An International/National Level Within The Country In The Field Of Higher Education

| Sr. No. | Title of Workshop / Seminar / Conference | Month & Year | Place | Role assigned (to you) in organizing the event |
|----------------|--|-------------------------|--|---|
| 1 | National Level Technical Paper Contest “Millennium 2000” | January, 2000 | J.T.M. college of Engg. Faizpur, Maharashtra | Organizing Secretary |
| 2 | STTP on “Environmental management a future perspective” sponsored by ISTE, New Delhi | December, 2000 | J.T.M. college of Engg. Faizpur, Maharashtra | Coordinator |

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| 3 | STTP on “Induction Training for Technical teachers” sponsored by ISTE, New Delhi | December, 2000 | J.T.M. college of Engg. Faizpur, Maharashtra | Coordinator |
| 4 | STTP on “Ground water management and development” sponsored by ISTE, New Delhi | December, 2001 | J.T.M. college of Engg. Faizpur, Maharashtra | Coordinator |
| 5 | State Level ISTE Convention on “Value Based Quality Engineering Education – A call of the Time” | September, 2003 | J.T.M. college of Engg. Faizpur, Maharashtra | Organizing Secretary |
| 6 | One day National Workshop on “Interlinking of Rivers Problems and Perspectives” on Eve of World Water Day sponsored by Geoforum, Aurangabad, MH | March, 2004 | J.T.M. college of Engg. Faizpur, Maharashtra | Co-convener |
| 7 | Entrepreneurship Awareness Program for Engg. Students | February, 2004 | J.T.M. college of Engg. Faizpur, Maharashtra | Coordinator |
| 8 | Four days International Conference organized on “HS08: Impact of Climate Change on Groundwater Resources – Problems and Perspectives” | 2010 | International Convention Centre, Hyderabad | Convener |
| 9 | Two days National Symposium on “Pakshi Mitra” | 2010 | North Maharashtra University, Jalgaon | Organizing Secretary |
| 10 | Two days National Conference organized on NRMSD | 2010 | North Maharashtra University, Jalgaon | Organizing Secretary |

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| 11 | Two days national conference organized on “Environmental Innovations for Resource Sustainability” | 2011 | North Maharashtra University, Jalgaon | Organizing Secretary |
| 12 | Two days National Conference organized on ESNRM | 2012 | North Maharashtra University, Jalgaon | Organizing Secretary |
| 13 | Four Days International Conference organized on 5th INGWC in year 2012 | 2012 | Aurangabad | Joint Organizing Secretary |
| 14 | Two days National Workshop organized on COEPH | 2013 | North Maharashtra University, Jalgaon | Convener |
| 15 | National Conference on Watershed Management for Sustainable Development | 2013 | SRTM University, Nanded | Advisory Committee member |
| 16 | National Conference “Monitoring and Assessment of Natural Resources for Sustainable Management” | January, 2017 | KBC North Maharashtra University, Jalgaon | Organizing Secretary |
| 17 | Second National Groundwater Conference (INGWC-2018) | December, 2018 | M. J. College, Jalgaon, Maharashtra | Organizing Secretary |
| 18 | National conference on “Innovations in Environmental and Earth Sciences for Sustainable future (IEESSF-2019)” | February, 2019 | KBC North Maharashtra University, Jalgaon | Convener |
| 19 | One day workshop “JALSANWAD-2019” | February, 2019 | KBC North Maharashtra | Organizing Secretary |

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| | | | University, Jalgaon | |
| 20 | INGWC-2020 III Indian National Groundwater Conference | February, 2020 | CWRDM, Kozhikode | Joint Organizing Secretary |
| 21 | National level webinar on Geo-medical Health Hazards & Environmental problems in Tribal areas: Issues, Opportunities and Challenges | September, 2020 | KBC North Maharashtra University, Jalgaon | Convener |
| 22 | Industry Academic E-Conclave-2020 | September, 2020 | KBC North Maharashtra University, Jalgaon | Joint Organizing Secretary |
| 23 | National level webinar on Role of Geosciences in Drought Management: Issues, Opportunities and Challenges | June, 2021 | KBC North Maharashtra University, Jalgaon | Convener |

Experience Of Working On The Statutory Authorities / Forums Of A University Such As Board Of Studies, Academic Council, Management Council Or Executive Council Of Board Of Management, Senate, Etc

| Sr. No. | Institution | Statutory forums / authority and position | From | To | Total (in years and months) |
|---------|---|---|------------|-----------|-----------------------------|
| 1 | Kavayitri Bahinabai Chaudhari North Maharashtra University, Jalgaon | Member of Academic Council | 24/09/2018 | Till date | 02 year and 09 months |

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|---|---|---|------------|------------|-----------------------|
| 2 | Kavayitri Bahinabai Chaudhari North Maharashtra University, Jalgaon | Chairman of Ad-hoc Board of Studies in subject of Geo-Science | 24/09/2018 | Till date | 02 year and 09 months |
| 3 | Kavayitri Bahinabai Chaudhari North Maharashtra University, Jalgaon | Member of Board of Examination | 30/11/2016 | 30/11/2017 | 01 year |
| 4 | Kavayitri Bahinabai Chaudhari North Maharashtra University, Jalgaon | Invited Member of Ad-hoc Board of Studies in subject of Geo-Science | 01/06/2007 | 31/05/2012 | 05 years |
| 5 | Kavayitri Bahinabai Chaudhari North Maharashtra University, Jalgaon | Member of Ad-hoc Board of Studies in Civil Engineering | 24/02/2011 | 23/02/2013 | 02 Years |
| 6 | Shivaji University, Kolhapur, Maharashtra | Member, Ad-hoc Board of Studies in subject of Geology | 08/12/2010 | 8/12/2015 | 05 Years |
| 7 | Dr. Babasaheb Ambedkar Marathwada University, Maharashtra | Member, Ad-hoc Board of Studies in subject of Geology | 06/05/2011 | 05/05/2013 | 02 Years |
| 8 | Environment Department, Govt. of Maharashtra | Expert Member for State Expert Appraisal Committee (SEAC-1) formed by MOEF, New Delhi | 17/03/2017 | 12/01/2021 | 04 years |
| 9 | Forest Department, Government of Maharashtra State, India | Expert member of Jalgaon District Sheep Grazing committee | 01/06/2017 | 31/05/2018 | 01 year |

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|----|---|---|------------|------------|------------------------|
| 10 | Government of Maharashtra | Expert member of Balbharti Geosciences textbook Committee | 28/08/2018 | 01/03/2019 | 05 month |
| 11 | Kavayitri Bahinabai Chaudhari North Maharashtra University, Jalgaon | Member of Central Training and Placement cell | 10/10/2012 | Till date | 08 years and 08 months |

Demonstrable Experience Of Handling Quality Issues, Assessment And Accreditation Procedures, Etc

| Sr.No. | Area | Institution | Duration (From --to) and total period | Achievements |
|--------|---|---|--|--|
| 1 | Quality issues | Kavayitri Bahinabai Chaudhari North Maharashtra University, Jalgaon | Duration: 12/07/2010-23/09/2018 Total period: 08 years | Invited Member of the M. Sc. (Applied Geology/M.A./M.Sc Geography/B.Sc Geoinformatics) Syllabus framing committee |
| | | Kavayitri Bahinabai Chaudhari North Maharashtra University, Jalgaon | Duration: 10/09/2011-10/09/2013 & 14/09/2014- Till date Total Period: 08 years and 09 months | Co-ordinator of Academic Committee for School of Environmental Earth Sciences |
| | | Kavayitri Bahinabai Chaudhari North Maharashtra University, Jalgaon | Duration: 01/06/2011- Till date Total period: 10 Years | Member of Examination and Admission Committees under Academic Flexibility to School of Environmental and Earth Sciences. |
| 2 | Assessment and accreditation procedures | Dr. Babasaheb Ambedkar Marathwada University, Aurangabad, Maharashtra | Duration: 06/05/2011-05/05/2013 Total Period: 02 years | Member of Research and Recognition Committee in Subject of Geology under the |

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|---|----------------------------------|---|--|--|
| | | | | Faculty of Science and Technology |
| | | Rashtrasant Tukadoji Maharaj Nagpur University, Maharashtra | Duration: 11/10/2018- Till date Total Period: 02 Years and 08 months | Member of Research and Recognition Committee in Subject of Geology under the Faculty of Science and Technology |
| | | Kavayitri Bahinabai Chaudhari North Maharashtra University, Jalgaon | Duration: 24/09/2018- Till date Total Period: 02 Year and 09 months | Member, Faculty of Science |
| | | Kavayitri Bahinabai Chaudhari North Maharashtra University, Jalgaon | Duration: 28/06/2011- 20/06/2013 Total Period: 02 Years | Member of Board of University Teachers Recognition (BUTR) committee |
| | | Shivaji University, Kolhapur, Maharashtra | Duration: 08/12/2010- 08/12/2015 Total Period: 05 Years | Member, Ad-hoc Board of Studies in subject of Geology |
| | | Kavayitri Bahinabai Chaudhari North Maharashtra University, Jalgaon | Duration: 16/04/2019- Till date Total period: 02 Years and 02 months | Chairman of University Green Audit committee at KBCNMU, Jalgaon |
| 3 | Any other issue (Please specify) | SSBT's College of Engineering, Bambhori. District:Jalgaon | Duration: 26/02/2011 Total period: 01 day | Judge for Evaluation of Civil Engineering model at National level event called Techwave-2011 |
| | | Kavayitri Bahinabai Chaudhari North Maharashtra University, Jalgaon | Duration: 30/12/2012- 08/01/2013 Total Period: 10 days | Co-ordinator of Finance and Account Committee for Avishkar-2012 |
| | | Kavayitri Bahinabai Chaudhari North Maharashtra University, Jalgaon | Duration: 30/12/2015- 08/01/2016 Total Period: 10 days | Judge for Evaluation of posters/Models during District Level Avishkar-2015 |

Experience At The State Or National Or International Level In Handling Youth Development Work Such As Organizing Student-Centric Activities For Their All-Round Development And For Providing Them Rich Campus Life

| Sr.No. | Nature of Activity / Event | Institution | Duration (From – to – and total period) | Achievements |
|---------------|---|---|---|--|
| 1 | As Programme officer, National Service Scheme University Campus Unit conducted 3 residence camps in Rural areas | Kavayitri Bahinabai Chaudhari North Maharashtra University, Jalgaon | Duration: 09/09/2014-09/09/2018 Total Period: 04 Years | Constructed two water harvesting Structures Gabion Type and recharge trench cum Band at Savada village along with Participation of NSS Students and local peoples during NSS Winter camp at Savada village. |
| 2 | As a Head of Department Provide Internship opportunities for students in CSIR labs | Kavayitri Bahinabai Chaudhari North Maharashtra University, Jalgaon | Duration: 20/09/2010- Till date Total Period: 10 Years and 09 months | Students benefited and get expose of research due to collaboration (MOU) with Groundwater Surveys and Development Agency (GSDA), Pune and Indian Institute of Geomagnetism (IIGM), Mumbai and Indian Institute of Tropical Meteorology (IITM), Pune. |
| 3 | As Co-ordinator of Center of EDUSAT program of Indian Institute of Remote Sensing, ISRO, Dehradun provided E-learning opportunities to students | Kavayitri Bahinabai Chaudhari North Maharashtra University, Jalgaon | Duration: 01/06/2015 – Till date Total Period: 06 Years | Students have been benefited and introduced to new concepts, updates and innovations in field of Remote sensing |

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| 4 | As Co-ordinator of Earth science Olympiad exam centre organized by Geological Society of India | Kavayitri Bahinabai Chaudhari North Maharashtra University, Jalgaon | Duration: 01/06/2015 – Till date Total Period: 06 Years | It helped to create mass awareness among higher secondary school students regarding scope and fundamentals in field of earth sciences |
| 5 | As Co-ordinator Conducted certificate course in Remote sensing and GIS | Kavayitri Bahinabai Chaudhari North Maharashtra University, Jalgaon | Duration: 22/08/2019-29/08/2019 Total Period: 07 Days | Students were benefited and introduced to new concepts, updates and innovations in field of Remote sensing |
| 6 | As a Co-ordinator Conducted Online E-course on Watershed Management for students during lockdown period due to Covid-19 | Kavayitri Bahinabai Chaudhari North Maharashtra University, Jalgaon | Duration: 12/05/2020-18/05/2020 Total Period: 07 Days | The online course on watershed management was launched to help students in study in lockdown period. Total 180 students were participated on pan India level for this online free course. |

Details Of Experience Of Working With National/International Bodies:

| Sr. No. | Name of the National/International body | Nature of experience |
|----------------|--|-----------------------------|
| 01. | Association of Geologist and Hydrogeologists (Geo-Forum), Aurangabad, Maharashtra | Secretary |
| 02. | Bulletin of Pure & Applied Sciences- Section F-Geology, International Journal of BPAS publication house, Delhi | Editor in Chief |
| 03. | Hydrological Science, AOGS, World Scientific Pub. Singapore | Associate Editor |
| 04. | Geological Society of India, Bangalore (GSI) | Fellow (F-3387) |
| 05. | National Academy of Sciences India (NASI) | Member |
| 06. | Association of Hydrologist of India | Member (227/517) |

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| 07. | Association of Global Groundwater Society | Member (LMAGGS-055) |
| 08. | Indian Society for Technical Education | Member (LM-14834) |
| 09. | Indian Society for Engineering Geology | Member (LM-1122) |
| 10. | Indian Society for Remote Sensing | Member (LM-2632) |
| 11. | Journal of Waste Management and Environmental Issues | Member of National Editorial Advisory Board |
| 12. | International Journal of Advanced Remote Sensing and Geographic Information System | Member of National Editorial Advisory Board |
| 13. | Arabian Journal of Geosciences | Member of Reviewer Board |
| 14. | Hydro-Research International Open Access Journal | Member of Reviewer Board |
| 15. | Gondwana Geological Magazine | Member of Reviewer Board |

Skills And Competencies:

| Skills | | |
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| Technical Skills - | | |
| 1 | Openness towards technology and a deep conviction regarding its potential applications in a knowledge – based setting | Conducted Online course on watershed management and organized webinar on petroleum geology during lockdown period. Designed and conducted number of quiz and competitions to help students for study in lockdown. |
| 2 | Level of comfort in the use of technology | I am well versed with the use of latest technologies like internet, emails, virtual learning centers, whatsapp and google drives for sharing new and innovative ideas for interaction with the students and the study centers. |
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| Managerial Skills – | | |
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| 1 | Ability to anticipate issues and problems advance strategic plans | During the tenure as a HOD Of Department of Applied Geology, The online course on watershed management, Online quiz on hydrogeology, Covid-19 were launched to help students in study in lockdown period. More than 300 students were participated on pan India level for these online free course and quiz. |
| 2 | Ability to generate resources and to allocate the same appropriately | During the tenure as a Reader and Professor generated revenue resource worth of Rs. 25 lakhs through consultancy services. A partial amount of these funds are utilized effectively to develop a consultancy laboratory and for monetary benefit to the PG and research students. |
| 3 | Capacity to work effectively under pressure and to manage work within right deadlines | Worked as member of Board of Examiner (BOE) of university as well as Member of Examination, Academic and Admission Committees under Academic Flexibility to School of Environmental and Earth Sciences. |
| 4 | Understanding of financial management including revenue generation, planning and fiscal control. | Worked as coordinator of on the Finance and Account committee for the AVISHKAR event 2012. During the tenure as a Reader and Professor generated revenue resource worth of Rs. 25 lakhs through consultancy services. Manage to utilize resources within a deadline of the funding agencies for various developments in the University. |
| Alignment with corporate objectives and State as well as National level priorities - | | |
| 1 | Ability to identify the needs of the communities in key sectors | While working in the rural sector of Khandesh area the major needs of the communities are identified in agricultural, health and educational sector. |
| 2 | Understanding of the challenges before the Nation and to indicate how Higher Education can respond to developmental needs | Deep understanding of the challenges before the National and how higher education can respond to developmental needs. |
| 3 | Understanding of curriculum development issues, especially those relating to wide participation and social inclusion | Demonstrable understanding of curriculum development issues, especially those relating to widening participation & social inclusion. |
| Leadership skills – | | |

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| 1 | Ability to motivate a diverse groups of stakeholders | Working as a member of Central Training and Placement cell for last 10 years. |
| 2 | Desire to further the mission and goals of the organization | While working as Co-Ordinator of Consultancy cell trying to generate new revenues resources for school. |
| 3 | Ability to think strategically and innovatively and to maintain a board perspective | A) Working as Co-Ordinator of Earth Science Olympiad for last 05 years to create awareness among masses regarding earth sciences. B) Initiated as worked as Co-Ordinator of one week skill-oriented course in Remote Sensing and GIS organized by School of Environmental and Earth Sciences, KBC NMU, Jalgaon. during 22-29 August, 2019 |
| 4 | Ability to lead by personal example with openness to new ideas and a consultative approach in implementation of the same. | During the tenure as Programme Officer, NSS University Unit, constructed two water harvesting Structures Gabion Type and recharge trench cum Band at Savada village along with Participation of NSS Students and local peoples during NSS Winter camp at Savada village. |

Interpersonal communication and collaborative skills –

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| 1 | Details of experience in developing and executing National and international collaborative arrangements | Active member of collaboration (MOU) with Groundwater Surveys and Development Agency (GSDA), Pune and Indian Institute of Geomagnetism (IIGM), Mumbai and Indian Institute of Tropical Meteorology (IITM), Pune. |
| 2 | Ability to interact effectively and persuasively with a strong knowledge-base at senior levels and in large for a as well as on a one-to-one basis | A) Served as an Expert Member for State Expert Appraisal Committee (SEAC-1) formed by MOEF, New Delhi for Forest Department of Government of Maharashtra B) Participated and organized more than 25 National and International conferences, conclaves & webinars. C) Delivered invited talk to various scientific forums likes (Conference, workshop, etc) |
| 3 | Evidence of being an active member of professional bodies and associations in relevant fields. | A) Currently serving as an Editor In Chief with Scopus listed Bulletin of Pure & Applied Sciences- Section F-Geology International Journal |

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| | <p>B) Currently serving as a Secretary for Association of Geologist & Hydro-geologist (GEOFORUM), Aurangabad, Maharashtra</p> <p>C) Serving as Member of reviewer board of reputed International Journals</p> <p>D) Evaluated Ph.D. theses from the Universities throughout the nation in Environmental Sciences & Geosciences.</p> |
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Date: 15th July, 2021

Location: KBCNMU, Jalgaon

Prof. (Dr.) Sanjay Narayan Patil