


Dr. Patil Krishnadeo Tayappa Assistant Professor MVP Samaj's Karmaveer Adv. Baburao Ganpatrao Thakare College of Engineering Nashik-13		
Research and Teaching Interest: Engineering Geology, Hydrogeology, Water Resources Development, Planning and Management		
Publications: Total: 16 Journals:05	Conferences:13	
Personal information:		
Date of birth	01/06/1970	
Present address:	Flat No. 2, Monaco Apartment, O/P Nana Nani Udyan, Shankar Nagar, Savarkar Nagar, Gangapur Road Nashik-13	
Email:	patil.krishnadeo@kbtcoe.org drktpatil@gmail.com	
Mobile Number:	8793275694, 8830428757	

Education Qualification:

Qualification	Institution	Board / University	Year of Passing	%	Class
Ph.D.	Post Graduation Centre of Shivaji University, Solapur	Shivaji University Kolhapur	2004	Awarded	Awarded
M.Sc.	Post Graduation Centre of Shivaji University, Solapur	Shivaji University Kolhapur	1999	66.25	First
B.Sc.	Walchand College of Arts and Science, Solapur	Shivaji University Kolhapur	1997	50.76	Second

Patent Filed : 02

Grants and Projects undertaken:

1. Rs. 88,500/-Smart Campus (MVP KBT COE)

Consultancy project undertaken

1. Ground Water Prospecting
2. Boiler Chimney Survey, Sugar Factory, Kolpewadi, Kopergaon
3. Jalswarajya Project Govt. of Maharashtra

Summary of Experience:

1. Total Teaching Experience UG: 21 yrs, 2 m (16 yrs & 2 m FT + 5 yrs Contributory)
2. Total Teaching Experience PG: 5 yrs (Contributory)
3. Research Experience: 5 yrs

Professional Experience:

1. Field experience in ground water prospecting with resistivity meter
2. Resistivity survey for subsurface investigation

Teaching Experience (Subject Thought) :

1. F.E. – Basic Civil and Environmental Engineering, Environmental Studies-I, Environmental Studies-II
2. S.E.- Engineering Geology, Surveying, Environmental Studies-II, Soft Skills
3. T.E.-Seminars, WRE, Employability Skill Development
4. B.E.-Adv. Engineering Geology with rock Mechanics
5. M.E./M.Sc-Economic Geology, Engg. Geology, Archaeology Mining Geology etc.

Membership in Professional Organizations:

1. ISTE : Life Member of Indian Society for Technical Education (LM 132839)

Computer Skills:

1. MS Office

Seminars /Workshops/Conference/Camps organized:

2018: Convener: One Week Faculty Development Program on “Modern Techniques in Surface and Subsurface Surveying” at Deptt. of Civil Engg., NDMVPS’s KBT COE 28th May to 01st June 2018

2018: Resource Person: Technical session conducted on Applications of Electrical Resistivity Technique in civil Engineering at One Week Faculty Development Program on “Modern Techniques in Surface and Subsurface Surveying” at Deptt. of Civil Engg., NDMVPS’s KBT COE 28th May to 01st June 2018

2018: Coordinator: “FE Students Induction Program-2018-19” at NDMVPS’s KBT COE
26th July to 31st July 2018

2018: Co-Coordinator: One Day Workshop On “GRAM++ GIS” at NDMVPS’s KBTCOE
Nashik. 02/02/2019

2019: Local Organizer and Coordinator: AICTE (Western Region Mumbai) sponsored
Three Days Faculty Development Program for Student Induction program (FDP-SI)
UHVComponent for AICTE Approved Institutions organized by AICTE at MVPS’s
KBT COE Nashik. 09-11 Aug., 2019.

2019: Coordinator: “FE Students Induction Program-2019-20” at MVPS’s KBT COE
6th to 20th Aug., 2019

2020: Coordinator: “FE Students Induction Program-2019-20- Phase-II” at MVPS’s
KBT COE 7th to 11th Jan., 2020

2021: Coordinator: “FE Students Induction Program-2020-21-” at MVPS’s KBT COE 1st to
6th Feb., 2021

2021: Coordinator: Online FDP on consultancy in civil engineering: Opportunities and
Challenges 10-14 May 2021at MVPSs KBT COE, Nashik

2021: Coordinator: Online workshop on research, development and innovation ethics.
17-19 May 2021at MVPSs KBT COE, Nashik

2022: Coordinator: “FE Students Induction Program-2021-22- Phase-I- Round-I
08 Dec. to 18 Dec. 2021 and Round-II 22 Dec. to 24 Dec. 2021” at MVPS’s KBT

Faculty development programs (STTP/workshops/QIP) attended:

2005: National Workshop on “Recent Advances in Groundwater: exploration, Management
and Utilization Department of Geology, Science College, Nanded. Jan. 20-25, 2005

2005: Workshop on Applications of remote sensing in Civil Engineering Department of
Civil Engineering Padmashri Dr. V. K. Patil College of Engineering Vilad Ghat,
Ahmednagar. Feb. 15-16, 2005

2005: Training Program on Water Management and Rain water Harvesting Central
Ground Water Board, Central Region, Nagpur at Lokmangal Horticulture
College, Wadala, Solapur District. March 30-31, 2005

- 2005:** Workshop on Environmental Studies Solapur University and Sangmeshwar College Solapur. Sept 4, 2005
- 2007:** Workshop on Teaching Awareness And Communication Skills NDMVPS's College of Engineering Nashik. Nov. 22-24, 2007
- 2009:** Mission 10X Workshop NDMVPS's College of Engineering Nashik. May 18-22, 2009
- 2013:** State level Seminar on Watershed Management in India. SNJB's College of Engineering Chandwad (Nashik) Jan. 19-20, 2013
- 2013:** National Seminar on Application of GIS in Watershed Management. SNJB's College of Engineering Chandwad (Nashik) Oct. 11-12, 2013
- 2015:** Workshop on "Revision of BE Civil (2012 course) Engineering Syllabi Drafting 10th June 2015 AISSM, Pune
- 2016:** Workshop on " Revision of SE Civil Engineering Syllabus-CBCS-2015 Pattern", 4th April 2016 VIIT, Pune
- 2016 :** TEQIP-II sponsored short term course on "Subsurface Investigation for Pavements and Buildings" Deptt. Of Civil Engg. NIT Tiruchirappalli, 10th – 12th March, 2016
- 2017:** National Workshop on "Water Crisis-Management & Future Challenges" YCMOU, Nashik. 27 May 2017
- 2017:** NPTEL On line Certification course on "Outcome Based Pedagogic Principles For Effective Teaching" 4 week July-Aug.-2017
- 2017:** Academic Leadership Meet on "Building Professional Engineers Through Activity Based Learning (ABL)" Thakur Collrge of Engineering & Technology, Kandivali, Mumbai. 4th August 2017
- 2018:** National workshop on "Utilization of Waste Materials in Construction for Sustainable Development" Cvil Engg. Dept. NDMVPS's KBT COE Nashik. 9-10 Feb.- 2018

2018: Nashik Innvation Fest-2018 Organized by Sakal Media Group at NDMVPS's KBT COE Nashik. 15-16 March 2018

2018: Attended One Week Faculty Development Program on "Modern Techniques in Surface and Subsurface Surveying" at Deptt. of Civil Engg., NDMVPS's KBT COE 28th May to 01st June 2018

2018: Three Days Faculty Development Program for Student Induction program organized By AICTE at CIM, Lavasa, Pune. 26-28 June, 2018

2018: Seven Days Faculty Development Program for Student Induction program organized By AICTE at CIM, Lavasa, Pune. 9-15 July, 2018

2018: One Week Training on RS and GIS with QGIS Handson at Albedo Foundation, Nashik. 03/12/2018 to 08/12/2018.

2019: One Day Workshop On "GRAM++ GIS" at NDMVPS's KBTCOE Nashik. 02/02/2019

2019: One Week STTP through ICT Mode on "NBA Accreditation" organized by NITTR, Kolkata, 22/04/2019 to 26/04/2019.

2019: Three Days Faculty Development Program for Student Induction program (FDP-SI) organized by AICTE at DYPIEMR Akurdi, Pune. 13-15 May, 2019

2019: Seven Days Faculty Development Program for Student Induction (FDP-SI) organized by AICTE at DYPIEMR Akurdi, Pune. 10-16 June, 2019.

2019: ICT Base Innovative Teaching Learning Pedagogical Methods at NDMVPS's KBTCOE, Nashik. 26-27, July, 2019.

2019: Three Days Faculty Development Program for Student Induction program (FDP-SI) UHV Component for AICTE Approved Institutions organized by AICTE at MVPS's KBT COE Nashik. 09-11 Aug., 2019.

2019: NPTEL On line Certification course on "Geomorphic Processes: Landforms and Landscapes" 8 week Aug.-Oct. 2019

- 2019:** Seven Days Faculty Development Program for Student Induction program (FDP-SI) UHV Component for AICTE Approved Institutions organized by AICTE at Sandip Foundation, s SIEM Nashik. 09-15 Dec., 2019
- 2020:** Twelve week Course on NBA Accreditation and Teaching-Learning in Engineering (NATE) Jan. to April 2020
- 2020:** Five Days FDP on Outcome Based Education: A Step Towards Excellence 11/5/20 to 15/5/20
- 2020:** Five Days FDP on Incorporating Universal Human Values In Higher Education 13/5/20 to 17/5/20
- 2020:** One Week FDP on Innovative Teaching Pedagogy in the technical Institutions MVPS' KBT COE Nashik 1/6/20 to 5/6/20
- 2020:** Online Syllabus Orientation Workshop for S. E. civil (2019 Pat.) 22/6/20 to 26/6/20
- 2020:** Three days FDP on Preparing for NBA accreditation with a case study on course and program outcomes attainment
- 2020:** Two day's online workshop on " Application of Groundwater and Watershed Management in Civil Engineering 24/5/20 To 25/5/20
- 2020:** Online Workshop on Inculcating Universal Human Values In Higher Education 23 07-2020 to 27-07-2020
- 2020:** Inculcating Universal Human Values In Higher Education UHV Refresher 123-11 2020 to 27-11-2020
- 2020:** AICTE sponsored One week Online Short-Term Training Program on "Role of Teacher: To Boost Moral values, Ethics in Engineering Education System" organized by Department Of Electronics & Telecommunication Engineering, MVPS's, KBT College of Engineering, Nashik 17-12-2020 to 23-12-2020
- 2020:** OBE-An Integrated Approach At MVPS's Karmaveer Adv. Baburao Ganpatrao Thakare College of Engineering, Nashik 11-12-2020 to 15-12-2020
- 2021:** AICTE AQIS Sponsored One Week Online STTP on Innovative and Inventive Problem Solving organised by Department of Production Engineering, AISSMS COE, Pune 13-07 2021 to 18-07-2021
- 2021:** Two days National Workshop on Quantum GIS: Hands on Training at Pillai HOC

Journal Publication list:

R. R. Patil & **K. T. Patil** (2002): *Environment of Amygdular Cuprite In Basaltic Flow From Ladole, Barshi Taluka Solapur District, Maharashtra.* The Indian Mineralogist Combined Vol. 36, No. 2, 2002 & Vol. 37, No. 1, 2003, 76-84pp.

Mayur G. Wagh, **K. T. Patil**, Sunny A. Bhatia, Sagar A. Shinde (2018): **Groundwater Prospecting and Identification of Artificial Recharge Sites Using Electrical Technique.** International Journal of Engineering Research and Applications. 34-40 pp. International Conference on 'Emerging Trends and Advances in Civil and Environmental Engineering.' Department of Civil Engineering K. K. Wagh Institute of Engineering Education & Research, Nashik

Pravin D Nemade, Krishnadeo T Patil, Pranita N Balve, Sharad J Kadbhane (2021). Treatment of Arsenic Contaminated Water by Electrocoagulation Using Punched Iron Electrode. International Research Journal of Engineering and Technology, 8(8), pp. 1335-1341. (IF: 7.5)

P. D. Nemade, K. T. Patil, S. J. Kadbhane, M. B. Patil, Y. H. Tambe (2021). Removal of hardness from drinking water by electrocoagulation using iron electrodes, International Journal of Emerging Trends in Engineering Research, Vol. 9 (11), pp. 1413-1417.

P. D. Nemade, Y. H. Tambe, K. T. Patil, S. J. Kadbhane, P. D. Aher (2021). Fluoride removal from Drinking Water Using Electrocoagulation (EC) Process with AL electrodes, Strad Research, 8(12), pp. 1-12.

Conference Papers and Posters:

Jadhav A. P. & **Patil K. T.** (1999): *The Ground Water potential And Its Utilization of Akkalkot Area, Solapur District, Maharashtra.* National Seminar On Water Resources and Sustainable Development in Next Century and XVIII Annual Convention organized by AHI Visakhapatnam(AP) and Deptt. Of Geology, SUPGTC, Solapur, Maharashtra, Dec, 27-28, 1999

R. R. Patil, **K. T. Patil** & N. J. Sathe (2001): *On the Nature of Cuprite Mineralization from Amygdaloidal Basalt from Ladole, Barshi Taluka, Solapur District, Maharashtra.* National Workshop on Computer Applications in Mineral Exploration, Mining and Water Resource Management, GEC, Raipur, Chhatisgarh March, 23-24, 2001

K. T. Patil (2002): *Fluid Inclusion Petrographic and Ore Mineralogical Studies On Selective Ore Bearing Rocks From Barshi Taluka, Solapur District, Maharashtra.* COURT-2002, Held at Shivaji University, Kolhapur Maharashtra. March, 10-11, 2002

K. T. Patil, R. R. Patil & R. N. Jadhav (2003): *Use of Remote Sensing, Aerial Photographs and Toposheets for Archaeological Site Selection.* State level Seminar on a study of Historical places in the Solapur District and revised syllabus of History of Shivaji University, Kolhapur. K. B. P. Mahavidyalay, Pandharpur, Maharashtra. Feb. 3-4, 2003.

R. R. Patil, **K. T. Patil** & N. J. Sathe (2003): *On Native Copper and Cuprite Occurrences from Solapur District, Maharashtra.* International Seminar on Mineral Processing Technology. MPT 2003 Panjim, Goa. Feb., 6-8, 2003.

A. A. Katkar, **K. T. Patil**, P. Prabhakar & A. B. Narayanpethkar (2003): *Geoelectrical Surveys in Identification of ground water recharge zones in Nannaj Odha Basin, North Solapur Taluka, Maharashtra.* IGU 40th Annual convention and meeting on Recent Advances & Future Strategies In Geoscientific Exploration Chennai, Tamilnadu Dec. 16-18, 2003

R. R. Patil, **K. T. Patil**, & T. R. Balap (2004): *Occurrence of Native Copper at Bhoose, Karmala Taluka, Solapur District; Maharashtra* National Seminar on Role of Fluids in the Crustal Evolution: Special Emphasis on the Himalayan Magmatism, Tectonism & Metallogeny. Dehradun, Uttaranchal Feb. 4-6, 2004

R. R. Patil, R. N. Vanarote, T. R. Balap & **K. T. Patil**, (2004): *Geobotanical and Ore Geological studies on Gold Occurrences from Chadchan, Bijapur District and Mohol, Solapur District.* International Conference on Soil and Ground water Contamination: Risk, Assessment and Remedial Measures Hyderabad, A.P. Dec.8-11,2004

Mantri H. S., **K. T. Patil** & R. R. Patil (2004): *Ore Petrographic Studies of BIF Formation of Sandur Schist Belt Bellary District, Karnataka, India.* National Seminar on Sedimentary Basins, Resources and Environments and XXI Convention of Indian Association of Sedimentologist Annamalai, T. Nadu Dec. 20-22, 2004

Mantri H. S., **K. T. Patil** & R. R. Patil (2005): *Study of Manganese Ore Deposit From Sandur, Bellary District, karnataka, India.* National Workshop On "Mineral Deposit Modeling" Focal Theme: Malanjkhand Copper and Other Deposits of Central India & 7th Annual Convention of SAAEG Nagpur, Maharashtra Feb.11-12, 2005

K. T. Patil, S. Kachhawa, S. Phade, S. Rathi, P. Patil, and M. Bankar (2013): *Planning and Management of Nashik Kumbhmela.* National Seminar on Environmental Disaster Management for Sustainable Development. Deptt. of Geology, Solapur University Solapur, Maharashtra. March, 28, 2013

Anjumara Shaikh, D. D. Kulkarni, R. S. Pawar and **K. T. Patil (2017):** *Prioritization of Watershed using Morphometric Analysis through RS and GIS Technique: A case Study of Vhandkhed Basin, Maharashtra, India.* National Conference On Multidisciplinary Research in Geo Environmental Studies for Sustainable Development (MRGESSD-2017), School of Earth Sciences, Solapur University, Solapur, 15-16 Sept. 2017

Mayur G. Wagh, **K. T. Patil**, Sunny A. Bhatia, Sagar A. Shinde (2018): *Groundwater Prospecting and Identification of Artificial Recharge Sites Using Electrical Technique.* International Conference on Emerging Trends and Advances in Civil and Environmental Engineering. KKWIEER, Nashik. 26-27-Feb. 2018

Patents

Sr. No.	Title of Invention	Applicati on No.	Date of filing	Name of the inventor(s)	Status
1	Daily changes in oxygen saturation and pulse rate associate with particulate air pollution and barometric pressure using AI-based programming (Patent)	2021102877	27 May 2021	Dr. P. D. Nemade, Dr. S. J. Kadbhane, Dr. K.T. Patil	Filed
2	Method and system to curtail the parameters of distillery spent wash (Patent)	2021104114	13 July 2021	Dr. P. D. Nemade, Dr. S.J. Kadbhane, Dr. K. T. Patil, Dr. P. N. Balve, Mrs.M. C. Aher	Filed

Administrative Responsibilities:

DTE Work:

- ▶ Worked as **Scrutiny officer** on behalf of **DTE** for document verification at RO Samangaon, Nashik
- ▶ Attended Workshop cum Training for FE Engineering Admission Process (**ARC-2014**)
- ▶ Served as **Custodian** at SE DIRECT ARC 2011
- ▶ I/C Document verification and Scrutiny officer at ARC 2007 to 2014

University Level:

- ▶ Member of BE Syllabus Framing Committee for the subject of Advanced Engineering Geology With Rock Mechanics (Ele-I BE 2012 Course)
- ▶ Attended “One Day Workshop on BE Civil (2012 Course) Syllabi Drafting” at AISSMS COE Pune, 10 June 2015
- ▶ Attended Syllabus setting meeting in the subject of Advanced Engineering Geology With Rock Mechanics (Ele-I BE 2012) on 27 May 2015
- ▶ Served as **Custodian** Pune University Exam. May/June-2011
- ▶ Served as **External Senior Supervisor** Pune University Examination (Engg.) Nov./Dec. 12, Nov. 1-17, 2012 at G. N Sapkal COE Nashik.
- ▶ Served as **External Senior Supervisor** Pune University Examination (Engg.). FE online Nov/Dec.12, Nov. 30, 2012 at Sandip Institute of Engg. and Management Nashik.
- ▶ Worked as **The Director** MCA CAP Pune University Exam. May-2012
- ▶ Served as **Dy. Presiding Officer** JEE Exam. 2012
- ▶ Served as **Superintendent** Maharashtra State Eligibility Test (SET) Feb. 17, 2013
- ▶ Served as **Vigilance Squad** Member Pune University Exam. Nov./Dec.-2013
- ▶ **Paper setter, Examiner in geology** BOS University of Pune
- ▶ Member of University **examination panel (Solapur University Solapur)**
- ▶ Attended Workshop on setting and **finalization of MCQ's** for SE online Exam. University of Pune, 2012-2013
- ▶ Served as **Internal Senior Supervisor** Pune University Examination (Engg.) Nov./Dec. 2014, Dec. 3-27, 2014 at NDMVPS's KBT COE Nashik.
- ▶ Served as **External Senior Supervisor** Savitribai phule Pune University Examination (Engg.) **May/June-15**, May 5-16, 2015 at BKC MET IOE Nashik
- ▶ Served as **External Senior Supervisor**, Savitribai Phule Pune University Examination (Engg.). **FE online May-15** June 3-4, 2015 at Sandip Institute of Technology and Research Centre Nashik.
- ▶ **Assistant CAP Director** SPPU, TE (Engg.) CAP 2016

College and department Level:

- ▶ NBA Co-ordinator Civil Engineering Department
- ▶ NAAC Committee Member Civil Engineering Department
- ▶ Anti-ragging committee member
- ▶ Worked as BE Project Co-Ordinator
- ▶ Time Table Incharge 2007-2018 Civil Engineering Department
- ▶ Geology Laboratory Incharge since 2007
- ▶ Worked as Surveying Laboratory In charge 2007 to 2011
- ▶ Worked as SE and BE Civil class co-ordinator
- ▶ Worked as BE Project Co-Ordinator
- ▶ Admission Committee member
- ▶ Fusion Fishpond committee co-ordinator and Incharge
- ▶ Co-ordinator Advertising and Publicity committee TECHUNIQUE
- ▶ Participation in all kind of departmental activities

Institute/Sanstha Level:

- ▶ Ground Water Survey carried out at Maratha Boarding Campus
- ▶ Ground Water Survey carried out at Agriculture College Campus, Konkangaon
- ▶ Participated in Clean Godavari mission
- ▶ Participated and coordinated every year MVP Marathon

Career Aspirations:

To be a Excellent teacher and administrator with best qualities and values.

Date: 08/03/2022

Dr. K. T. Patil