



PANDYA NIDHI CHIRAG

I/C HOD & Lecturer

Civil Engineering Department,
Government Polytechnic, Valsad

E-mail: nidhipandya@gpvalsad.co.in

Mobile: 9426765262

EDUCATIONAL QUALIFICATION

B.E.in Civil 2000-2004
S.S.ENGINEERING COLLEGE, BHAVNAGAR UNIVERSITY

M.E. in Environmental management 2004-2006
L.D.COLLEGE OF ENGINEERING, GUJARAT UNIVERSITY

WORK EXPERIENCE

Government Polytechnic, Valsad 2016-Present
Lecturer

Shri K.J.Polytechnic, Bharuch 2015-2016
Lecturer

Government Polytechnic, Valsad 2010-2015
Lecturer

TECHNICAL SKILLS AND KNOWLEDGE

EPANET a water distribution network analysis tool

SUBJECT TAUGHT

Maintenance rehabilitation of structure
Water supply and sanitary engineering
Building Drawing
Hydraulic
Advance surveying

TRAINING AND WORKSHOP

Sr. No.	Name of Training/Subject	Institute of Training	From	To	Weeks
1	Induction Training Phase-I (NITTTR, BHOPAL)	NITTTR, BHOPAL	21/5/2012	6/1/2012	2
2	Induction Training Phase-II(NITTTR,	NITTTR, BHOPAL	3/11/2013	22/3/2013	2

	BHOPAL)				
3	Intellectual Property Right(NITTTTR, BHOPAL)	NITTTTR, BHOPAL	11/11/2013	15/11/2013	1
4	Advances in Waste Management Techniques	TEQUIP, SVNIT, SURAT	23/6/2014	27/6/2014	1
5	Digital India Prospects in Engineering Field(NITTTTR, BHOPAL)	ISTE, G.P.VALSAD, VALSAD	21/12/2015	1/2/2016	2
6	Managing Stress at work(NITTTTR, BHOPAL)	NITTTTR, BHOPAL	5/2/2016	5/6/2016	1
7	Modern methods of surveying (ISTE, J.H.DESAI POLYTECHNIC, COLLEGE, PALSANA)	ISTE, J.H.DESAI POLYTECHNIC, COLLEGE, PALSANA	6/3/2017	10/3/2017	1
8	Computer Aided Design Of Civil Engineering Structure (NITTTTR, AHMEDABAD)	NITTTTR, AHMEDABAD	26/6/2017	30/6/2017	1
9	GIS and Remote Sensing (NITTTTR, BHOPAL)	NITTTTR, BHOPAL	30/7/2018	3/8/2018	1
10	Integrated Waste Management for Smart City, NPTEL	NPTEL	18/7/2018	18/10/2018	2
11	Sustainable Material and Green Buildings, NPTEL	NPTEL	29/07/2019	18/10/2019	2
12	Research Methodology and Soft Computing Techniques for Civil Engineering, (Department of science and technoogy, C.K.PITHAWALA COLLEGE OF ENGINEERING AND TECHNOLOGY, SURAT	C.K.PITHAWALA COLLEGE OF ENGINEERING AND TECHNOLOGY, SURAT	2/12/2019	7/12/2019	1
13	Intellectual Property Rights (IPR)	Gujarat Student Start-up and Innovation Hub (I-Hub), (SSIP)	06-07-2020	14-09-2020	2
14	UDAYAM E-Content Development Course	KCG	28-07-2020	18-08-2020	1
15	SCILAB SOFTWARE	NITTTTR, BHOPAL	5-7-2021	9-7-2021	1

PORTFOLIOS (Current Portfolios)

- Institute Estate/PWD
- Institute Girls hostel Warden
- Institute NBA Co-coordinator
- Institute Women harassment cell Co-convener
- Institute HRA & Physical Verification of Residential Address.
- Institute Quarters Allotment

RESEARCH PROJECTS GUIDED

NIL

PUBLICATION

1. Pandya N.C., Popawala R.(2017) “A Review on paradigm shift of Water Distribution Infrastructure”*International Journal of Engineering Development and Research (IJEDR)*, 5(2). ISSN: 2321-9939
2. Pandya N.C., Popawala R. (2019) “Impact of pipe leakage on performance parameter in water distribution network” 1st National conference on Emerging research and innovations in civil engineering,
3. Pandya N.C., Popawala R., YadavS.M.(2019) “PERFORMANCE EVALUATION OF WATER DISTRIBUTION NETWORK USING HYDRAULIC PARAMETER” *International Journal of Research and Analytical Reviews (IJRAR)*, 6(2), 289-295. ISSN: 2348-1269
4. Pandya N.C., Popawala R., Yadav S.M.(2021) "COMPARATIVE STUDY OF SINGLE AND MULTIPLE LEAKAGE EFFECTS FOR URBAN WATER DISTRIBUTION NETWORK" *Design engineering*, Issue 7, 2170-2182. ISSN: 0011-9342
5. Pandya N.C. (2022) “EFFECT OF LEAKAGE LOCATION ON PRESSURE DEFICIENCY INDEX OF WATER DISTRIBUTION NETWORK” *ISH Journal of Hydraulic Engineering*.

ACADEMIC PROJECTS GUIDED

- Hydraulic parameter assessment of water distribution network
- Impact of leakage on water distribution network performance
- Solid waste management in valsad city
- Gray water assessment
- Comparative study between large scale and small scale building

PATENT FILED

NIL

PROFESSIONAL INSTITUTION MEMBERSHIPS

- Life Time Member-Indian Society for Technical Education

EXPERT LECTURES

- Expert Lecture: “Epanet in Design and analysis of Water Distribution Network” delivered at C.K. Pithawala Engineering College, Surat on 21/3/2022

AWARDS

NIL