## Qualification PhD (Irrigation and Drainage Engineering)



## Dr. A. N. Kunapara, Assistant Professor & Head (Irrigation and Drainage Engineering)

Teaching Experience: 08 Years

**UG and PG Subject Offered**: (1) Irrigation Engineering (2) Micro Irrigation System Design, (3) Drainage Engineering (4) Ground Water Wells, and Pumps (5) Soil Mechanics (6) Fluid Mechanics (7) Soil and Water Conservation Engineering (8) Soil and Water Conservation Structures (9) Watershed Planning and Management (10) Watershed Hydrology (11) Water Harvesting and Soil Conservation Structures (12) Sprinkler and Micro Irrigation Systems (13) Climate Change in Water Resource (14) Recent Development in Irrigation Engineering (15) Numerical Methods in Hydrology

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Qualification	PhD Irrigation and Drainage Engineering (2018-2024) Anand Agricultural University, Gujarat, IndiaNET-2015 (Land and Water Management) Conducted by ASRB
	(Agricultural Scientists Recruitment Board), New Delhi
	Master of Technology (Soil and Water Engineering)
	(2011-2013) Junagadh Agricultural University, Gujarat, India
	<b>Bachelor of Technology (Agricultural Engineering)</b>
	(2006-2010) Junagadh Agricultural University, Gujarat, India
Experience	Assistant Professor (May, 2016 to till date)
	College of Agricultural Engineering & Technology, Anand Agricultural
	University, Godhra
	Head of Department (December, 2022 to till date)
	Department of Irrigation and Drainage Engineering
	College of Agricultural Engineering & Technology, Anand Agricultural
	University, Godhra
	Chairman- Students Representative Council (July, 202 to till date)
	College of Agricultural Engineering & Technology, Anand Agricultural
	University, Godhra
	Assistant Rector (June, 2016 to May, 2021)
	Aruni Boys Hostel, College of Agricultural Engineering & Technology,
	Anand Agricultural University, Godhra
	Farm Manager (October, 2021 to May, 2024)

	Instructional Farm, College of Agricultural Engineering & Technology,
	Anand Agricultural University, Kakanpur, Godhra
	<b>Vocation course Module-2</b> In-charge "Tools and Techniques for rainwater harvesting" (August, 2017 to November, 2022)
	Research Associate (Sep., 2015 to May-2016)
	Office of Research Scientist (Agril. Engg), Junagadh Agricultural University, Junagadh, Gujarat
	Senior Engineer-GGRC Project (Sep., 2013 to Sep., 2015)
	Netafim Irrigation India Pvt. Ltd., Baroda, Gujarat
	Senior Research Assistant - (Jan, 2013 to June, 2013)
	Office of Research Scientist (Agril. Engg), Junagadh Agricultural University, Junagadh
	Officer (Sales and Marketing) - (June, 2010 to August, 2011)
	Netafim Irrigation India Pvt. Ltd., Baroda, Gujarat
Development & Research Activities	<ul> <li>AGRESCO Recommendation for farmer on project titled "Conjugate Assessment of Drip Lateral Spacing and Irrigation Regimes on Productivity of Rabi Maize" as PI (2016-17 to-2018-19)</li> </ul>
	• Co-PI in "Advanced Centre for Research and Trainers Training on Agricultural Engineering based Intervention" Project (October, 2016 to March, 2023)
	<ul> <li>Co-PI in "Developing a watershed-based conclave for experience learning at Kankanpur" Project (October, 2021 to May, 2024)</li> <li>Developed Field lab of Soil and Water Conservation Engineering Department</li> </ul>
Publications	Research Publications: 15
Tublications	<ul> <li>Papers in National Conference/Seminar:04</li> </ul>
	<ul> <li>Technical Compedium:02</li> </ul>
Practical	Fluid Mechanics
Manual	<ul> <li>Soil Mechanics</li> </ul>
Published for	
UG teaching as	<ul><li>Watershed Hydrology</li><li>Watershed Management and Planning</li></ul>
per 5 <sup>th</sup> Deans	<ul> <li>Soil and Water Conservation Engineering</li> </ul>
Syllabus	<ul> <li>Water Harvesting and Soil Conservation Structures</li> </ul>
	। Information Booklet: જમીન અને જળ વ્યવસ્થાપન
	Popular Article :09
	Leaflet: 01
Trainings/ Workshops/ Seminars/ Conferences	<ul> <li>Long Terms Training: 02</li> <li>Short Terms Training :01</li> <li>Conference/Workshop:03</li> </ul>
Attended	

Trainings	Course Coordinator in organizing Model training course on "Hydrological
/Workshops	and Crop Simulation Modeling in the Arena of Climate Change" (February
/Seminars	6-13, 2018) sponsored by Directorate of Extension Department of
/Conferences	Agriculture Cooperation & Farmers Welfare, Ministry of Agriculture &
Organized	Farmers Welfare, Govt. of India, New Delhi
Member of	1. Indian Society of Agricultural Engineers-Life member
Scientific	2. Agricultural Engineering Alumni Association Godhra-Life member
/Professional	3. College of Agricultural Engineering and Technology Alumni
Societies	Association Junagadh-Life member