

PROFILE DETAIL



PERSONAL INFORMATION

Name: Gautamkumar Ravjibhai Patel

Date of Birth: 22/07/1979

Address (Home): 5, Sahjanand-16 bungalows, B/h. Uma Bhavan,
Borsad Chowkadi, Opp. Amin Auto,
Anand-Sojitra Road, Anand-388 001.

Email ID: grpatel@aau.in

EDUCATIONAL QUALIFICATION:

1. PhD (Agricultural Engineering) with specialization in Soil and Water Engineering, from Anand Agricultural University, Anand in year 2015.

PhD Thesis title: **DEVELOPMENT OF A DISTRIBUTED SCS-CN BASED MODEL FOR PREDICTING SURFACE RUNOFF FROM PANAM SUB-CATCHMENT OF MAHI BASIN USING RS AND GIS**
2. M. Tech. (Agricultural Engineering) with specialization in Soil and Water Engineering, from Gujarat (Junagadh) Agricultural University, Anand in year 2005

M. Tech. (Agricultural Engineering) Thesis title: **PERFORMANCE EVALUATION OF DIFFERENT IRRIGATION SYSTEMS AND THEIR YIELD POTENTIAL IN SUMMER GROUNDNUT**
3. B. Tech. (Agricultural Engineering) from Gujarat Agricultural University in year 2001.

EMPLOYMENT HISTORY

WORK EXPERIENCE

A. Research & Technical administration

- Worked as **Assistant Research Scientist** at **Directorate of Research, Anand Agricultural University** from 09/05/2012 to 05/07/2015 and was responsible for
 - Technical assistance in Directorate of Research
 - Processing Research scheme proposals
 - Correspondence with Government/private agencies for research projects
 - Compilation of research reports including External Agency
 - Organizing meetings such as Research Council / Farm level cropping scheme/Adaptive trials etc.
 - Preparation of agenda items (Academic / Research Council, PG BoS and BoM / VC Conference / IAUA / ICAR regional committee, SAU council etc.),
 - Technical work related to planning, execution, monitoring, evaluation report submission of ICAR / Plan / Non – plan and other agency projects
 - Monitoring / member of selection committee / administrative duties for plan / non – plan schemes and other funded Govt. / Non-Govt. schemes of the University / College etc.
 - MoU preparation procedure
 - Preparation of University Documents (Annual Report, impact analysis, Research, Status Report, Vision etc.)
 - Annual rate contract proposals processing / tendering including e-tendering
 - Preparation of speech of Governors/Ministers/Vice Chancellor/Director of Research
 - Attending / handling work related to RTI and legal matters
 - Lectures and drafts prepared reports, proceedings preparation, assembly / parliament questions handled

B. Educational Experience

- Working as **Associate Professor-Agril. Engg.**, at **College of Agriculture, Anand Agril. University, Vaso** since 06/07/2015 and responsible for
 - Teaching of courses of Agricultural Engineering (soil and water engineering, Farm machinery and power engineering, natural resource management and basic engineering
 - Development of laboratories (Surveying and levelling, fluid mechanic, water resource engineering, soil and water conservation engineering farm machinery and power engineering etc.)
 - NSS and Placement activities
 - Farm development
 - Drawing and disbursing officer

- Worked as **Assistant Professor-Soil and Water Engg.**, at **Polytechnic in Agril. Engg., Anand Agril. University, Dahod-389 151** from 14/10/2008 to 08/05/2012 and was responsible for
 - Teaching of courses of soil and water engineering and basic engineering
 - Development of laboratories (Surveying and levelling, fluid mechanic, water resource engineering, soil and water conservation engineering etc.)
 - NSS and Placement activities
 - Farm development

C. Extension

- Worked as **Subject Matter Specialist (Agril. Engg.)-Soil and Water Engg.** In **Krishi Vigyan Kendra (KVK), Ganpat Vidhyanagar, Kherva, Mehsana** from 12/10/2006 to 13/10/2008 and was mainly responsible for
 - Agricultural extension service through on campus and off campus training programmes related to Agricultural Engineering
 - Vocation training programme for farm women, rural youth and entrepreneurs
 - Field day/Krishi goshti/Shibir etc
 - Front line demonstrations, exhibitions etc.
 - Seed production at farm level
 - On farm testing and trials

OTHER EXPERIENCE

- Worked as an **Officer (Sales and Marketing)** in **Netafim Irrigation India (P) Limited** at Valsad from **1st June, 2005** to **11th October, 2006** and was mainly responsible for;
 - Marketing and Sales of Micro Irrigation systems and Irrigation equipments
 - Technical survey of field, Design and Installation of micro irrigation systems
 - Technical field service and guidance to farmers
 - Liaison with various Government offices, Banks, Co-operative Societies and other organizations.
- Worked as a **"Research Associate"** in Department of **Soil and Water Engineering**, Navsari Agricultural University, Navsari-396 450 (Gujarat-India) from **16th August, 2004** to **30th May, 2005** and was mainly responsible for
 - Mathematical interpretation and Verification of medium range weather forecast
 - To prepare and issue agro met advisory bulletins based on weather forecast
 - Dissemination of weather forecast to farmers through various media
 - Feedback collection from the farmers
 - Departmental research activities
 - Research report preparation and documentary work.

- I Have worked with **Shri Vivekanand Research and Training Institute-Mandvi (Kutch)** from Dec-2001 to Nov-2002 in
 - Watershed development programme (**Role: Engineer and Agriculturalist**)
 - Drought Proofing Programme (**Role: Engineer**)
 - WHO sponsored training programme (**Role: Training Assistant**)
 - Rural and School Sanitation (**Role: Programme Assistant**)

- I Have also taken active participation and played instrumental role in **Agricultural Fairs** which were held in 2005 at **Junagadh** and **Anand Agricultural University** campus and was involved in the demonstration activities as under;
 - 1) *Live model of Watershed and Waste land development*
 - 2) *Live model of Irrigation systems*
 - 3) *Live demonstration model of well recharging technique*
 - 4) *Demonstration of soil testing and field equipments*
 - 5) *Working demonstration of various field equipments and Farm machinery*

PROFESSIONAL EXPERIENCE: (in years)

Administration: 03 years
 Teaching/Academic: 03 years
 Research work: 03 years

RESEARCH PAPER PUBLISHED:

Published more than **15 research papers** in national and international journals having international reputes

RESEARCH PAPERS PRESENTED IN SEMINARS/WORKSHOPS

- Presented **two** Research Papers in National Conference on Sustainable Management of Water Resources organized by the College of Agricultural Engineering and Technology, Junagadh on 28-29 January 2005.
 - ❖ Response of Groundnut to porous pipe irrigation
 - ❖ Effect of suction lift on the performance of centrifugal pump with different sizes of pipes

- Presented **one** Research paper in 41st ISAE Annual convention and Symposium organized by Indian Society of Agricultural Engineers, New Delhi on 29-31 January, 2007
 - ❖ Evaluation of different irrigation systems on yield potential in summer groundnut

- Presented **two** Research papers in 43rd ISAE Annual convention and Symposium organized by the Indian Society of Agricultural Engineers, New Delhi on 15-17 February, 2009
 - ❖ Development of ground water recharging system for Bhal region of Gujarat state

- ❖ Evaluation of furrow irrigation system through volume balance approach in Saurashtra region soil
- Presented **one** Research papers in 44th ISAE Annual convention and Symposium organized by the Indian Society of Agricultural Engineers, New Delhi on 28-30 January, 2010
 - ❖ Development and evaluation of a roller type bed shaper

SEMINARS/WORKSHOPS ATTENDED

- National Seminar on "**Advances in value addition of Horticultural Crops**" organized by the Horticultural Society Gujarat and Navsari Agricultural University, Navsari on 13-18 September, 2004 at Navsari (Gujarat).
- Workshop on "**Application of Remote sensing and GIS in Agricultural Development**" organized by the SAMETI-G, Gandhinagar and MANAGE, Hyderabad on 23-27 June, 2008 at Gandhinagar.
- National seminar on "**Value added Products-Opportunities for Agro Industrial Units**" organized by the College of Agricultural Engineering and Technology, Junagadh on 16-17 December, 2002 at Junagadh (Gujarat)
- National Conference on **Sustainable Management of Water Resources** organized by the College of Agricultural Engineering and Technology, Junagadh on 28-29 January, 2005 at Junagadh (Gujarat).

AGRESKO RECOMMENDATIONS: 01