

## Department of Agriculture Chemistry and Soil Science

Sr. No.	Name	Designation
1	<b>Dr. Navneet Kumar</b>	<b>Associate Professor &amp; Head</b>
2.	<b>Prof. Hiren P. Patel</b>	<b>Assistant Professor</b>



### **Dr. Navneet Kumar**

Associate Professor (Agriculture Chemistry & Soil Science)

navneetdsingh@nau.in

9427919158

#### **Educational Qualification**

Degree	Discipline	Year of Passing	University
Doctrate	Ph.D	1993	Meerut University, Meerut
Post-Graduation	M.Sc. Ag.	1990	Meerut University, Meerut
Graduation	B.Sc. Ag.	1988	Agra University, Agra

#### **Service Experience till date**

Sr. No.	Institute/Office	Designation	No. of years served	Job profile
1	CCR (P.G) College, Muzaffarnagar	Temporary Lecturer	2 yrs. and 9 months	Teaching
2	Higher Education Board Govt. of U.P	Lecturer on Mandei	3 yrs. And 2 months	Teaching

3	A.E.S (N.A.U) Paria	Assistant Research Scientist	10 yrs.	Research
4	C.A.W (N.A.U), Waghai	Associate Professor (Soil Sci.)	From- 11/11/2016 continue	Teaching

### Seminar/Symposia/Workshop/Training attended

Sr.	Particulars	Number Attended
1	National Seminar on Interventions for Environmental Moderation, Navsari	1
2	Training on Technique of soil and water analysis(21 days),NBSS&LP, Nagpur	1
3	Management of Research Project and Intellectual Property in Agriculture (1 week held at NAU)byNAARM, Hydreabad	1
4	Off campus Induction Program on Pedagogy and Curriculum Development(1 week held at NAU)byNAARM Hydreabad	1
5	Mangement of Human Resource and Administration in Agriculture(1 week held at NAU)byNAARM Hydreabad	1
6	Machinery of Natural Resource Mgt.& Technology(21 days)PAU Ludhiana	1
7	National Cnference on Palmyra Palm, Surat	1

### Academic Achievements, Awards & honors

1. Organized farmer camps & training Programs for technical farming at various places.
2. Developed water harvesting and rain water harvesting ponds (6) in rain fed areas at A.E.S Paria
3. Appointed as the Judge for various Science Exhibitions.
4. My three recommendations for irrigation systems have been approved by N.A.U Govt. of Gujarat.
5. Worked as member as well as Taluka nodal officer in Krishi mahotsavs(6)
6. Head of soil health testing lab and provided consultancy of plant health clinic under NHM in South Gujarat
7. Active member of auction committee mango, sapota & farm Grass
8. Member of NRM sub Committee and NRM Board of studies from 2007 till date.

## Publications

S.No.	Publications	No. of Publications
1.	Research Paper National Journal	7
2.	Popular Paper	7
3.	Workshop / Seminar / Symposia Proceedings	2
4.	Technical Documents	3
5.	Others (Radio talk, TV talk etc.)	3

**No of Professional Societies Membership : 1** (Indian Society of Soil science)

**Research projects handled: 7**



## Mr. Patel Hirenkumar Pravinbhai

Assistant Professor (Soil Science & Agril. Chem.)

hppatel@nau.in

9879291253

## Educational Qualification

Degree	Discipline	Year of Passing	University
NET	Soil Science	2010	ICAR, New Delhi.
M. Sc. (Agri.)	Soil Science & Agril. Chemistry	2010	JAU, Junagadh.
B. Sc. (Agri.)	Agriculture	2008	JAU, Junagadh.

**Service Experience till date**

Sr. No.	Institute/Office	Designation	No. of years served	Job profile
1	Department of Agricultural Chemistry & Soil Science, NAU, Waghai.	Assistant Professor	4 Year	Teaching, Research & Extension
2	Soil & Water Engineering Department, CAET, JAU, Junagadh.	Senior Research Fellow	1 Year & 8 month	Research
3	Directorate of Groundnut Research (DGR) Junagadh.	Junior Research Fellow	3 Month	Research
4	BASF India Pvt. Ltd. Junagadh – Rajkot Territory.	Technical Development Officer	9 Month	Marketing Development
5	Department of Agricultural Chemistry & Soil Science, JAU, Junagadh.	Junior Research Fellow	1 Year	Research

**Seminar/Symposia/Workshop/Training attended**

Event	Number attended
Conference	01
Symposia	02
Workshop	03
Training	03
Seminar	06

**Publications**

S.No.	Publications	No. of Publications
6.	Research Paper National Journal	08
7.	Research Paper Inter National Journal	05
8.	Workshop / Seminar / Symposia Proceedings	03
9.	Extension Bulletin	02
10.	Books	01
11.	Chapters	03
12.	Training Manual	08

### No of Professional Societies Membership:

1. Life Member Gujarat Association for Agricultural Sciences (GAAS)
2. Life Member Association of Agrometeorologists.
3. Life Member Indian Society of Coastal Agricultural Research.(ISCAR)

### Research projects handled

Sr. No.	Project title	PI/Co-PI	Level (Departmental/planned)	Year of approval	Status
1	Effect of Zinc on growth and yield of Finger millet	Prof. H. P. Patel	Departmental	2014	Ongoing
2	Fertility status of cultivated soils at varying physiographic situation of Dangs District	Prof. H. P. Patel	Departmental	2014	Ongoing

### Details of Publications

PUBLICATION OF RESEARCH PAPER				
Sr. No.	Name of the Authors	Title of the Paper	Name of the Journals	Vol. No. & Page
1	<b>H. P. Patel,</b> S. G. Savalia & M. C. Chopada	Soil-Site Suitability Evaluation for Soybean in Meghal Irrigation Command Area of Southern Saurashtra Region of Gujarat.	An Asian Journal of Soil Science	<b>Vol. 7 (1)</b> <b>pp. 117-123</b> <b>June-2012</b>
2	<b>H. P. Patel,</b> S. G. Savalia & M. C. Chopada	Evaluation of Soil Constraints and Soil-Site Suitability for Groundnut in different Landforms of Meghal Irrigation Command Area of Southern Saurashtra Region of Gujarat.	An Asian Journal of Soil Science	<b>Vol. 7 (1)</b> <b>pp. 131-137</b> <b>June-2012</b>
3	<b>H. P. Patel,</b> S. G. Savalia & M. C. Chopada	Assessment and Management of Underground Water Quality in Different Land Slopes of Calcareous Soils- A Case Study.	An Asian Journal of Soil Science	<b>Vol. 7 (2)</b> <b>pp. 393-401</b> <b>Dec-2012</b>
4	Sandip Kumbhani, Kiran Chandravadia, <b>Hiren Patel</b>	Societal paradox about coriander production technology by the coriander growers	Agriculture Update	<b>Vol. 8</b> <b>(1&amp;2)</b> <b>pp. 38-41</b> <b>2013</b>

5	Sandip Kumbhani, Kiran Chandravadia, <b>Hiren Patel</b>	Constraints perceived and suggestion offered in adoption of coriander production technology	Agriculture Update	<b>Vol. 8 (1&amp;2)</b> <b>pp. 138-140</b> <b>2013</b>
6	<b>H. P. Patel,</b> S. G. Savalia, S. T. Shirgire and A. P. Italiya	Evaluation of soil constraints and soil site suitability of sesame in different landforms of coastal belt in Meghal irrigation command area of southern saurashtra region of Gujarat	Indian Society of Coastal Agricultural Research.	<b>Vol. 31(2)</b> <b>pp.28-32</b> <b>Dec-2013</b>
7	P. K. Patel, D. M. Damasia, <b>H. P. Patel</b>	Effect of various insecticides against Spodopteralitura (Fabricius) in Groundnut.	Pestology	<b>Vol. 38</b> <b>pp.69-71</b> <b>April-2014</b>
8	<b>H. P. Patel,</b> S. G. Savalia, H. R. Ramani and R. P. bambharolia	Evaluation of Soil Constraints and Soil Site Suitability of cotton in different landforms of Meghal Irrigation Command area of Southern Saurashtra region of Gujarat	New Agriculturist	<b>Vol. 26 (1)</b> <b>pp. 171-176</b> <b>Feb- 2015</b>
9	<b>H. P. Patel,</b> S. G. Savalia, A. M. Polara and Anjita J. Hirpara	Evaluation of Soil Constraints & Soil Site Suitability of Wheat in different landforms of Meghal Irrigation Command area of Southern Saurashtra region of Gujarat	New Agriculturist	<b>Accepted</b>
10	R. R. Sisodiya, N. B. Babaria and <b>H. P. Patel</b>	Effect of sources and levels of sulphur on nutrient uptake in Groundnut.	Research in Environment & Life Sciences	<b>Accepted</b>
11	R. R. Sisodiya, N. B. Babaria <b>H. P. Patel</b> and R. P. Bambharolia	Sulphur fertilization in groundnut under calcareous soil conditions: effects on nutrient uptake, content and yield	The Bioscan	<b>Accepted</b>

<b>PUBLICATION OF RESEARCH PAPER IN SEMINAR/ SYMPOSIUM/ WORKSHOP</b>				
<b>Sr. No.</b>	<b>Name of the Authors</b>	<b>Title of the Paper</b>	<b>Name of the Journals</b>	<b>Vol. No. &amp; Page</b>
1	H. D. Rank, P. J. Rathod and <b>H. P. Patel</b>	Climate change impact on crop water requirements in south saurashtra region of gujarat state.	Climate Change Impacts on Water Resources Systems  <b>ISBN</b> <b>978-93-82880-82-0</b>	<b>Vol.-1</b> <b>Nov, 2013.</b> <b>P.18</b>
2	H. D. Rank, P. J. Rathod and <b>H. P. Patel</b>	Climate change analysis for the coastal belt area of Saurashtra.		<b>Vol.-1</b> <b>Nov, 2013.</b> <b>P.128</b>
3	H. D. Rank, P. J. Rathod and <b>H. P. Patel</b>	Climate change impact on rainfall in junagadh district of gujarat state, India.		<b>Vol.-1</b> <b>Nov, 2013.</b> <b>P.170</b>
4	S. G. Savalia J. D. Gundaliya S. P. Kachhadia and <b>H. P. Patel</b>	"Impact of Climate Change on Hydraulic Properties and Profile Water Storage Capacity, Reserve Water and Water Balance in the Coastal soils of Meghal Irrigation Command area of Southern Saurashtra Region of Gujarat"	Water Management and Climate Smart Agriculture  <b>ISBN</b>	<b>Vol.-3</b> <b>Feb, 2015.</b> <b>P.337</b>

5	<b>H. P. Patel,</b> S. G. Savalia and S.T. Shirgire	Influence of Climate Change on different land forms of Coastal Soils in Meghal Irrigation Command of Gujarat	<b>9788121213172</b>	<b>Vol.-3</b> <b>Feb, 2015.</b> <b>P.364</b>
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#### Other information

- **Assistant Rector** Under Graduate Boys Hostel since 1<sup>st</sup> August-2013 to 31<sup>st</sup> Dec -2015.
  - Appointed as a **Member** of Help Center for UG admission during 2013-14 & 2014-15.
  - **SRC Member** Cultural Activities, 2013-14.
  - **SRC Member** Magazine Secretary, 2014-15.
  - **SRC Member** Indoor Games, 2015-16 and 2016-17.
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