

SHETH PURUSHOTTAMDAS THAKORDAS ARTS AND SCIENCE COLLEGE			
GODHRA, PANCHMAHALS, GUJARAT, PIN- 389001			
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Full Name (title/first name/second name/surname)	Dr Rupesh N. Nakar		Photograph
Designation (Department)	Assistant Professor, Department of Botany		
Address Current	29, Jasoda, Harikrishna Society, Near Ankleshwar Mahadev Temple, Godhra-389001		
Permanent	BO-19, DCC Colony, Digvijaygram, Sikka-361140 Dist-Jamnagar, Gujarat		
Contact No.	08460024247		
E-mail	rupeshnakar@gmail.com		
Date of Joining	11/8/2014		
Date of Birth	01/06/1984	Employment No.	4344
Educational Qualifications			
Degree	Institution	Year	Remarks
B. Sc. (Botany)	Shree DKV Arts & Science College, Jamnagar	2006	University Forth (Distinction)
M. Sc. (Botany)	Shree Bahauddin Science College, Junagadh	2008	University First (First Class)
Ph. D.	Saurashtra University in Botany on Subject “ Studies on phenological patterns of Girnar Reserve Forest, near Junagadh Gujarat	2013	As per UGC 2009 rule
CCC	From, Baba Saheb Amedkar Open University	2007	with First class
Career Profile (Research & Teaching Experience)			
Organization / Institution	Designation	Duration	Role
Dept of Agricultural Botany, Junagadh Agricultural University, Junagadh	Research fellow/Project Assistant	11 August-2008 to 31 March-2010	in the project entitled “Facilitation Centre on Medicinal plants at JAU.”
Dept of Physiology, Directorate of Groundnut Research (DGR Formally National Research Centre for Groundnut), ICAR Institute, Junagadh.	Senior Research Fellow (SRF)	3 rd January-2011 to 2 nd January-2012	in the project entitled “Evaluation of Groundnut Germplasm for Morphological, Physiological and Molecular

			Characters/Traits Associated with Drought Tolerance for Enhancing Productivity in Rain-dependent System"
Dept of Physiology, Directorate of Groundnut Research (DGR Formaly National Research Centre for Groundnut), ICAR Institute, Junagadh.	Senior Research Fellow (SRF)	3 rd January-2012 to 18 th October-2013.	Institutional Projects on different aspects of Physiology of Groundnut in Plant Physiology Department
Central Arid Zone Research Institute, RRS, ICAR Institute Kukma Bhuj	Research Associate (RA)	19 th October-2013 to 10 August-2014.	in Project "Understanding adaptation mechanism of halophytes plants in saline sodic Kachch plains for enhancing feed resources"
Department of Botany, Sheth PT Arts and Science College, Godhra-389001, Gujarat	Assistant Professor in Botany	11 August-2014 to Continue	Teaching and Research
Research areas of Interest			
Botany, Physiology, Ecology, Agriculture			
Teaching areas of Interest			
Botany/Plant Sciences			
Publications Profile			
<i>In reputed Journals</i> 1. B.A.Jadeja and R.N. Nakar (2010). Phenological studies of some tree species from Girnar Reserve Forest, Gujarat, India. <i>Plant Archives</i>. 10(2): 825-828.[ISSN:0972-5210]-[Naas rating 3.05] 2. B.A.Jadeja and R.N.Nakar (2010). Study on ethno-medico botany of weeds from saurashtra region, Gujarat, India. <i>Plant Archives</i>. 10(2): 761-765.[ISSN:0972-5210]-[Naas rating 3.05] 3. Sarvalia, V.M., Chovatia, V.P., Nakar, R.N. and Meta, H. R. (2010). Seed germination and seedling establishment studies in <i>Adansonia digitata</i> Linn. <i>Bioscience guardian</i>. 1(1): 77-79.[ISSN:2277-9493] 4. R.N.Nakar, N.H.Joshi and B.A.Jadeja (2011). Study on density and Biomass of sea weeds at Port Okha, Gujarat-a case study. <i>Journal of Plant development Sciences</i>. 3 (3&4): 217-224.[ISSN:0974-6382]- [Naas rating 2.01] 5. R.N.Nakar and B.A.Jadeja (2014). Phenological studies on two Bombacacean members from Girnar Reserve Forest, India. <i>Indian Forester</i>. 140: 59-64 [[ISSN: 0019-4816]-			

[Naas rating- 4.2]

6. **R.N.Nakar** and B.A.Jadeja (2014). Standardization for X-rays of wild forest seeds for morphology and viability studies. *Plant archives*. 14(1): 111-114. [ISSN:0972-5210]-[Naas rating-3.05]
7. **R.N.Nakar** and B.A.Jadeja (2014). Seed pattern, germination and viability among some tree species seeds from Girnar Reserve Forest, Gujarat. *Indian Journal of Plant Physiology*. 19: 57-64. [ISSN: 0019-5502]-[Naas rating-4.9]
8. A.L.Singh, **R.N.Nakar**, K.Chakraborty and K.A.Kalariya (2014). Physiological efficiencies in minicore groundnut germplasm accessions. *Photosynthetica*. 52 (4): 627-635. [ISSN: 0300-3604]-[Naas rating-6.8]
9. **R.N.Nakar** and B.A.Jadeja (2015). Flowering and fruiting phenology of some herbs, shrubs and undershrubs from Girnar Reserve Forest, Gujarat. *Current Science*. 15:111.-119. [ISSN: 0011-3891] [Naas rating-6.9]
10. **R.N.Nakar**, B.A.Jadeja, V.P.Chovatiya, C.K. Mandavia (2015). Qualitative and quantitative seed characteristics diversity from Girnar Reserve Forest, Gujarat, India. *Proceedings of National Academy of Science, Section-B*, DOI:10.1007/s40011-015-0566-1.[SSN: 0369-8211] [NAAS rating -6.2]
11. K.A.Kalariya, A.L.Singh, K.Chakraborty, B.C.Ajay, P.V.Zala, C.B.Patel, **R.N.Nakar**, Nisha Goswami, Dipti Mehta (2015). SCMR: A More Pertinent trait than SLA in peanut genotypes under transient water deficit stress during summer, *Proceedings of National Academy of Science, Section-B*, DOI 10.1007/s40011-015-0636-4.[SSN: 0369-8211] [NAAS rating -6.2]

In Conference/Seminar/Symposia Proceedings-Short papers published

1. **R.N.Nakar** and B.A. Jadeja (2009). Study on morphology, ethnobotany and phenology of *Prosopis* in Girnar Forest Junagadh, Gujarat. *Proceedings of the National Symposium on Prosopis: ecological, economic significance and management challenges*. Gujarat Institute of Desert Ecology, Bhuj, pp: 51-53.
2. **R.N.Nakar** and A.L.Singh (2013) Identification of efficient groundnut cultivars using chlorophyll fluorescence. In Proceedings of National conference on Plant Physiology (Dec 13-16, Junagadh, Gujarat, India), on "Current Trends in Plant Biology Research" Directorate of Groundnut Research, Junagadh Junagadh Agricultural University, Junagadh & Indian Society of Plant Physiology, pp: 397-398
3. A.L.Singh, **R.N.Nakar**, Nisha Goswami, Dipti Mehta, Shubhangi Oza, Vidya Chaudhari, C.B.Patel (2013). Influence of fertilizer and FYM on photosynthesis, fluorescence and yield in groundnut. In Proceedings of National conference on Plant Physiology (Dec 13-16, Junagadh, Gujarat, India), on "Current Trends in Plant Biology Research" Directorate of Groundnut Research, Junagadh Junagadh Agricultural University, Junagadh & Indian Society of Plant Physiology, pp: 571-572.

Book chapters

1. A.L. Singh, **R.N. Nakar**, Nisha Goswami, K.A. Kalariya, , K. Chakraborty and A. Mann Singh (2013). Water deficit stress and its management in groundnuts. In: Advances in Plant Physiology (Ed. A. Hemantranjan) Scientific Publishers (India), Jodhpur, India. Vol. 14, pp: 1-94. [ISBN: [9788172338688](#)]
2. A.L.Singh, Nisha Goswami, **R.N.Nakar**, K.A.Kalariya and K. Chakraborty (2013). Physiology of Groundnut under water deficit stress. In: Recent Advances in Crop Physiology (Ed. Amrit Lal Singh), Daya Publishers (India), New Delhi, India. Vol. 1, pp:1-85.[ISBN: [9789351242765](#)]
3. **R.N. Nakar** , B.A.Jadeja and A.L.Singh (2015). Phenology and productivity of forest flora of Gujarat. In Recent advances in Crop Physiology (Ed. Amrit Lal Singh), Daya Publishers (India), Vol 2, New Delhi, India., pp.261-293 [ISBN:97891513246787]

Manual/Souvenir/Proceedings book- As Co-Author/Co-Editor

1. Chetanaben Mandavia, H.L.Dhaduk, Parul Padaliya and **R.N.Nakar** (2010). *Issues Relating to Medicinal Plant Cultivation, Processing and Marketing*.Workshop souvenir. Department of Agricultural Botany, Junagadh Agricultural University, Junagadh
2. A.L.Singh, Radhakrishnan, T., G.P. Mishra, K.Chakraborty, B.C. Ajay, M.K. Mahatma, K. Kalariya, N. Goswami, D. Mehta, **R.N.Nakar**, S.Oza, V.Chaudhary, P.V.Zala,Lokesh Kumar, C.Mandaviya, A.S.Joshi, G.K.Katariya, J.B.Mishra (2013). Proceedings Book of National Conference of Plant Physiology-2013 on “Current Trends in Plant Biology Research” Directorate of Groundnut Research, Junagadh Junagadh Agricultural University, Junagadh & Indian Society of Plant Physiology, pp: 1-978
3. Narayanan, G., **R.N. Nakar** and Murlidhar Meena, Girish Deshmukh (2013). Magafali ma Utpadan ane utpadkta vadharva mateni prodhogikio,(In Gujarati). Training Manuel. Directorate of groundnut Research, Junagadh. pp: 1-86

Popular article in Training manuel

1. Narayanan, G. and **R.N.Nakar** (2013). Magafali Gujarat no ek agatyano pak. In Magafali ma Utpadan ane utpadkta vadharva mateni prodhogikio,(In Gujarati). Farmers training Manuel. Directorate of groundnut Research, Junagadh. pp: 1-3

Conference Organization/ Presentations**Seminar/Workshop/Conference/Symposia- Abstract presented, published and attended**❖ **Presented and published:**

1. **R.N.Nakar** (2008).Studies on marine algae from Port Okha. In **National level Science Symposium**. Christ College, Rajkot. **(Got best oral paper Award)**

2. **R.N.Nakar** and B.A.Jadeja (2010).Phenological studies of two tree species of Bombaceae from Girnar Reserve Forest, Gujarat. In **National Conference** on biodiversity conservation, M.S. University, Vadodara. pp:133
3. K.A.Kalariya, A.L.Singh, K.Chakraborty, P.V.Zala, C.B.Patel and **R.N.Nakar** (2012).Chlorophyll fluorescence in groundnut. In **Zonal seminar** on Physiological and molecular interventions on sustainable crop productivity under changing climatic conditions, DRMAP and Anand Agricultural University, Anand.(**Got best poster paper Award**)
4. **R.N.Nakar**, A.L.Singh, Nisha Goswami, K.A. Kalariya and K.Chakraborty (2012).Physiological efficiencies in minicore groundnut germplasm accessions. In UGC sponsored **National Conference** on Research in Plant Sciences: Changing pathways, Changing lives, Smt S.M Panchal Science College, Talod, Hemchandracharya North Gujarat University. pp:25 (**Got best 3rd oral paper Award**)
5. Nisha Goswami, K.Chakraborty, A.L.Singh, **R.N.Nakar** and K.A. Kalariya (2012). Effect of water deficit stress on osmolyte accumulation in groundnut. In UGC sponsored **National Conference** on Research in Plant Sciences: Changing pathways, Changing lives, Smt S.M Panchal Science College, Talod, Hemchandracharya North Gujarat University. pp:39
6. **R.N.Nakar** and B.A. Jadeja (2013). Studies on phenology of some shrubs from Girnar Reserve Forest, Gujarat. In **National conference** of medicinal and aromatic plants for rural development and prosperity, Ananad agricultural University,Ananad, pp:18
7. **R.N.Nakar** and B.A.Jadeja (2013). Comparision of phenology of *Cassia siamea* Lam. from Girnar Reserve Forest and GIDC polluted area from Junagadh, Gujarat. In UGC sponsored **State level seminar** on conservation of biodiversity and environment-A challenge, KKSJ Maninagar Sci.College, Ahmadabad. pp:41 (**got best oral paper Award**)
8. **R.N.Nakar** and A.L.Singh (2013) Identification of efficient groundnut cultivars using chlorophyll fluorescence. In Proceedings of **Natioanal conference** on Plant Physiology (Dec 13-16, Junagadh, Gujarat, India), on “Current Trends in Plant Biology Research” Directorate of Groundnut Research, Junagadh Junagadh Agricultural University, Junagadh & Indian Society of Plant Physiology. (**Selected for young scientist session by Indian Society for plant physiology**)
9. A.L.Singh, **R.N.Nakar**, Nisha Goswami, Dipti Mehta, Shubhangi Oza, Vidya Chaudhari, C.B.Patel (2013). Influence of fertilizer and FYM on photosynthesis, fluorescence and yield in groundnut. In Proceedings of **Natioanal conference** on Plant Physiology (Dec 13-16, Junagadh, Gujarat, India), on “Current Trends in Plant Biology Research” Directorate of Groundnut Research, Junagadh Junagadh Agricultural University, Junagadh & Indian Society of Plant Physiology.
10. K. Charaborty, **R.N.Nakar**, A.L.Singh and K.A.Kalariya (2014). Genotypic variation in photosynthetic responses in minicore peanut germplasm accessions. In proceeding of **International conference** on Biodiversity, Biorsoureses and Biotechnology, 30-31 Jan, Mysore, India, pp.8-9.
11. **R.N. Nakar** and B.A. Jadeja (2014). Phenological attributes of seven tree species in association with climate from Girnar Reserve Forest, Gujarat. In Proceedings of

National Seminar SUSUP-2014, at Department of Botany, Gujarat University, Ahmedabad, 29-30 Sept, pp.40

- 12. R.N.Nakar** and B.A.Jadeja (2015). Phenological behavior of two *Cassia* species from Girnar Reserve Forest, Gujarat. In Proceedings of **International Conference on Agriculture and Forestry, 10th -13th June, Colombo, Sri Lanka**, pp. 26.

❖ **Attended:**

- 1. State Level Workshop on “Precision Farming”** organized jointly by Junagadh Agricultural University, Gujarat Association For Agricultural Sciences(GAAS) and Gujarat Krishi Vigyan Mandal on 20th February, 2010 in Junagadh Agricultural University, Junagadh.
- 2. National Level Workshop on “Electron Microscopy”** during 14-19th December-2009, organized by S.P. University and SICART jointly at Vallabh Vidhyanagar.
- 3. National Level Conference on “CME in Immunology”** on 27th and 28th November 2009 organized by Department of Biochemistry, M.S.University, Baroda.
- 4. State Level Workshop on “Processing and Export of Fruits and Vegetables”** on 24-25th May, 2009 organized by Junagadh Agricultural University, Junagadh.
- 5. National Seminar on “Emerging Areas in Plant Sciences”** organized by Department of Botany, M.S.University, Baroda on 22nd February, 2009.
- 6. XXII Gujarat Science Congress-2008** on 9th March-2008, organized by Bhavnagar University, Bhavnagar.
- 7. National Seminar on “Role of Marine Ecology in Marine Environment & Its impact on Industrial development”** organized by Department of Marine Sciences, Bhavnagar University, Bhavnagar on 4th February, 2007.
- 8. State Level Science-Maths Exhibition on “Recent Trends in Science and Technology”** by putting our project entitled **“Salinity Control in Coastal Areas of Gujarat”** during 3-6 January, 2005 organized by GCERT at Science City-Ahmedabad.

Research Projects (Minor-Major Grants/Research Collaboration)

Proposed to UGC in Minor Research Project Scheme:
“Understading phenological attributes of Shamli forest area, in Panchmahals, Gujarat”

Awards and Distinctions

- I got **International Travel Grant from Science and Engineering Research Board, New Delhi, Govt. of India (SERB)** to present my research paper in International Conference on Agriculture and Forestry-2015 at Colombo, Sri Lanka during June 2015.
- I have got **University First rank** in M.Sc. in 2008.
- I have got **Best Paper Award (Oral presentation)** for my presentation of research paper in National level Science Symposium. Christ College, Rajkot in 2008.
- I have got **Best Third Paper Award (Oral presentation)** for my presentation of research

paper in UGC sponsored National Conference on Research in Plant Sciences: Changing pathways, Changing lives, Smt S.M Panchal Science College, Talod, Hemchandracharya North Gujarat University in 2013.

- I have got **Best Paper Award (Oral presentation)** for my presentation of research paper in UGC sponsored State level seminar on conservation of biodiversity and environment- A challenge, KKSJ Maninagar Sci.College, Ahmadabad in 2013.
- I was selected for **Young Scientist session (Oral Presentation) by Indian Society for Plant Physiology** for presentation of my research paper in reputed National conference on Plant Physiology (Dec 13-16, Junagadh, Gujarat, India), on “Current Trends in Plant Biology Research” Directorate of Groundnut Research, Junagadh Junagadh Agricultural University, Junagadh & Indian Society of Plant Physiology in 2013.
- I got **forth rank (College Second)** in Saurashtra University in Botany subject during my Third year B.Sc.

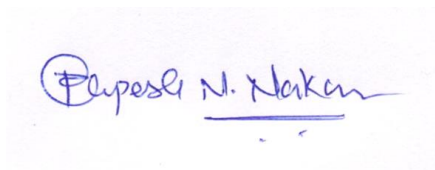
Association With Professional Bodies

- I am life member of “**The Gujarat Association for Agricultural Sciences**” (GAAS).
- I am member of **Review Team in International Journal African Journal of Plant Sciences and African Journal of Agricultural Sciences**

Other Activities

- I have been handling NSS activities as **Programme Officer of NSS Science Unit** since 11/8/2014, organized NSS camp during 19th Jan to 25th Jan-2015 in Sheth PT Arts & Science College, Godhra.
- I worked as **Professor Incharge** in Light Vocal solo songs and Group songs during Gujarat University South Zone Youth Festival which was held at Sheth PT Arts & Science College, Godhra during November 2014.
- I **participated in Group song (Kavvali)** in function of **DGR Sthapana Divas** on 1 st October 2012 and 2013, two times and **awarded by Director**.
- I was **invited to sing University song** with my team, in the Opening ceremony of Workshop organized by GAAS and Junagadh Agricultural University on 20th February, 2010 in Auditorium Hall, Junagadh Agricultural University, Junagadh.
- I was also **invited to sing University song** with my team, in Opening ceremony of Workshop, organized by Department of Agril. Botany, Junagadh Agricultural University, Junagadh on 5th February, 2010.
- I worked as **NSS volunteer** for two years (2003 to 2005) and got ‘**Best Student of NSS Award**’ for my cultural activities.
- I participated in **two village camps** in two different years of NSS viz. one in Nanikhavadi and other in Bed.
- I participated in **Sugam Shangit Shibir organized by Gujarat State Shangit Natya Academy** during 13 to 20th March, 2006 in Shaputara.
- I also took part in **Yuvak Netrutva Shibir** during 7 to 12th June, 2005 organized by Gujarat State at Dhrol.
- I participated in **Yuva Ashmita Shamaroh** twice in year 2003 and 2004 for solo song and group song organized by Saurashtra University, Rajkot.

- I have taken training of **Disaster management** organized by MahanagarPalika, Junagadh during 9 to 10th December, 2006.
- I participated in **Van Aushadhi Shibir** during 27-28th September, 2008 organised by **Gujarat Ayurved Vyaspath in Girnar Reserve Forest, Junagadh.**
- I have been participating in most of the **singing compitions** of Sugamshangit, Bhajan, Folk song as well as group songs right from my primary level upto Now.
- I have also participated in **Blood Donation Camp.**



Signature of Faculty Member
(Department)
Sheth P. T. Arts & Science College,
Godhra



Signature of Principal
Sheth P. T. Arts & Science College,
Godhra