

Curriculum Vitae



Candidate Name : Sachin Shrikant Chinchorkar

Current Position Held : Assistant Professor, Department of Basic Sciences & Humanities

Responsibility : NSS Programme Officer, Chairman SRC, Academic In-Charge

Educational Qualification:

Sr. No	Degree/Diploma	Name of the Board /uni.	Year of Passing	% of Marks	Class obtained
1.	M.Sc (Physics)	Pune	2003	58%	Higher Second Class
2.	B.Sc (Physics)	Pune	2000	60.33%	First Class

Computer Knowledge:

Name of Exams.	Name of the Board/uni.	Year	% of Marks
Maharashtra State Certificate in Information and Technology (MS-CIT)	Maharashtra State board of Technical Education, Mumbai	Mar.04	63%
Certificate Course in Ms-Office.	Microcomm Infotech, Pune	May.04	A
Certificate in Computer Concept (CCC+)	Technical Examinations Board Gujarat State, Gandhinagar	May 2010	68%

Details of Professional Career

Post held	Name of organization	Period From To	Scale of pay (Rs.)	Nature of duties
Assistant Professor	Polytechnic in Agricultural Engineering, Anand Agricultural University, Muvaliya Farm, Dahod	08/03/2009 till to date	68900-205500 (stage-11)	Working as Assistant Professor in Polytechnic in Agricultural Engineering, Anand Agricultural University, Muvaliya Farm, Dahod-389160, Gujarat, India
Assistant Professor	College of Agricultural Engineering & Technology, AAU, Godhra	01/09/2016 to 08/03/2009	15,600-39,100/- +GP 6000/-	Working as Assistant Professor in College of Agricultural Engineering & Technology, AAU, Godhra
Assistant Professor	Polytechnic in Agril. Engg., AAU, Dahod	June 2009 to 31/08/2016	15,600-39,100/- +GP 6000/-	Worked as Assistant Professor in Polytechnic in Agricultural Engineering, Anand Agricultural University, Muvaliya Farm, Dahod.
Research Associate	Dept. of Agricultural Meteorology, CASAM, MPKV, Pune	01/03/2007 to 01/04/2009	17,000/- + HRA	Worked in the Project "Onset and Progress of Dry Spell and Drought Monitoring in Purandhar Tahesil of Pune Districts." is sponsored by Ministry of Agriculture, Department of Agriculture & Co-operation (Drought Management Division), GOI, New Delhi.
Research Fellow	Dept. of Agricultural Meteorology, CASAM, MPKV, Pune	05/10/2006 to 28/02/2007	8000/- + HRA	Worked in the project "Extension AgroMeteorology of Haveli Tahesil of Pune District" based on Long and Medium Range Rainfall Forecasting." Is sponsored by Ministry of Agriculture, Department of Agriculture and Co-operation (Drought Management Division), Govt. of India, New Delhi.

Awards: (Total: Six)

- (i) Recipient of "**Best Citizens of India Award 2012**" awarded for the exceptional caliber and outstanding/ spectacular Performance in area of activity sponsored by International Publishing House, New Delhi during the year 2012.
- (ii) Recipient of "**LIFE TIME GOLDEN ACHIVEMENT AWARD-2020**" awarded most leading Biographical specialist by Bharat Rattan Publishing House, New Delhi during the year 2020.
- (iii) Recipient of "**INSC Research Excellence Award-2020**" awarded for spectacular Performance in area of activity sponsored by **Institute of Scholars**, Bengaluru, Karnataka, India during the year 2020.
- (iv) Recipient of "**Outstanding Scientist Award**" in the **International Scientist Awards** on Engineering, Science, and Medicine, Vasco Da Gama, Goa during the year-2020.
- (v) Recipient of "**Bharat Jyoti Saraswati Samman Award-2021**" by MVLA Guru Samman during the year
- (vi) Recipient of "**Global India Excellence Achievement Award**" awarded most leading Biographical specialist by Bharat Rattan Publishing House, New Delhi during the year 2021.

Training Program/ Summer School/ Workshop/ Seminar Attended/ Participated

Sr. No	Particulars	Number
01.	Refresher course (21 days)	04
02.	Training	04
03.	National Seminar	13
04.	State level seminar/symposium	01
05.	Workshop/conference	01

Publications

Sr. No	Particulars	Number
01.	Research Paper in national journals	26
02.	Research Paper in international journals	08
03.	Working Paper	00
04.	Folders/ Pamphlets	01
05.	Popular Articles	19
06	Book chapters	04

Training Program/ Summer School/ Workshop/ Seminar Attended/ Participated

1. Participated in Summer school in *Numerical Techniques & its application to Agricultural & Food Engineering Problems* organized by ICAR and held at College of food processing technology & Bio-Energy, AAU, Anand from 17/06/2015 to 07/07/2015 (21 days)
2. Participated in 21 days Winter school on “**Water and Energy Security in the Arena of Climate Change**” organized by Anand Agricultural University and sponsored by Information Technology Research Academy (ITRA), media Lab Asia at CAET, AAU, Godhra during 17/01/2017 to 06/02/2017. (21 days)
3. Participated in CAFT *National training programme on Advances in Crop Micrometeorology* organized by Centre for Advanced Faculty training (CAFT) in Agril., meteorology, MPKV, college of Agriculture, Pune and sponsored by ICAR from 26/09 to 16/10/2018 (21 days)
4. Participated short course on “Renewable energy for environment protection and Energy Conservation at Department of REE, CAET, AAU, Godhra from 14-10-2019 to 23-10-2019.
5. Participated in one month online course on Ancient Indian Science and Technology conducted by Bhisma School of Indic studies in association with Infinity foundation, USA from 18/09 to 16/10/2020.
6. Participated in one month online certificate course on regional climate change projection : Statistical Down scaling through R organized by Centre for climate research & Studies of SAIARAD (South Asian institute for Advances Research and Development) held on 05-27 Dec., 2020 (certificate no. SAI/CCRS/20/87)
7. Participated in 15 days short term course FDP on SPSS from 16/10 to 30/10/2020 organized by Indian teachers education Community in collaboration with Faculty of education Kailash Post Graduate college, Bhilai nagar
8. Participated in 21 days international Training cum Workshop Programme “**AGRICULTURE-3.0 “ A Futuristic approach towards Smart Agriculture & Sustainable Urban Farming.**” Organized by Agro

Sr No	NAAS Rated Journal Name	Year of Pub.	Paper Title	Name of the Author(s)
1	Journal of Agrometeorology	2010	Forecasting Models for seasonal rainfall for different regions of Gujarat	1. M.C.Varshneya 2. <u>S.S.Chinchorkar</u> 3.V.B.Vaidya 4.Vays Pandey
2	Annals of Arid Zone	2012	Multiple Regression Model for Long Range Forecasting of South-West Monsoon Rainfall for Pune, Maharashtra	1. <u>S.S.Chinchorkar</u> 2.V.B.Vaidya 3.Vays Pandey
3	Green Farming	2012	Some Physical and frictional properties of sweet orange and tangerine (<i>Kinnow, C. reticulata</i>)	1. F.G.Sayyad 2. <u>S.S.Chinchorkar</u> 3.G.R.Patel
4	Green Farming	2012	Optimization of moisture loss and fat uptake of chevon meat during frying using response surface methodology	1. F.G.Sayyad 2. <u>S.S.Chinchorkar</u> 3.G.R.Patel
5	Green Farming	2012	Characterization rainfall and cropping pattern of sub-mountain zone(I) for Maharashtra State	1. <u>S.S.Chinchorkar</u> 2.F.G.Sayyad 3.G.R.Patel
6	International Journal of Agricultural Engineering	2012	Rainfall characterization and crop planning of scarcity zone (zone-I) for Maharashtra State	1. <u>S.S.Chinchorkar</u> 2.F.G.Sayyad 3.G.R.Patel 4.S.K.Patel 5. B.K.Yaduvanshi
7	International Journal of Agricultural Engineering	2012	Rainfall variability (Annual and seasonal) in Anand of middle Gujarat (india)	1. <u>S.S.Chinchorkar</u> 2.F.G.Sayyad 3.G.R.Patel 4.S.K.Patel 5. B.K.Yaduvanshi
8	International Journal of Agricultural Engineering	2012	Characterization rainfall of different zone for Maharashtra State	1. <u>S.S.Chinchorkar</u> 2.F.G.Sayyad 3.G.R.Patel 4.S.K.Patel 5. B.K.Yaduvanshi
9	International Journal of Water Resources and Environmental Engineering	2012	development of monsoon model for long range forecast rainfall explored for Anand (Gujarat-India)	1. <u>S.S.Chinchorkar</u> 2.G.R.Patel 3.F.G.Sayyad
10	Journal of Agro-meteorology	2012	Forecasting seasonal rainfall in different locations of Maharashtra	1. <u>S.S.Chinchorkar</u> 2.V.B.Vaidya 3.Vays Pandey
11	Hortflora Journal	2013	Some Physical and frictional properties of phule Mosambi and Kinnow	1.F.G.Sayyad 2. <u>S.S.Chinchorkar</u> 3.S.K.Patel 4. B.K.Yaduvanshi
12	Asian Agri History	2013	Nakshatra-wise Rainfall Variability at Anand in Middle Gujarat Region (vol.17, No.4(389-393))	1. <u>S.S.Chinchorkar</u> 2.V.B.Vaidya 3.Vyas Pandey 4. Kedar Damle
13	Discovery Spring	2013	Monthly, Seasonal & Annual Air Temperature Variability and Trends – A Case Study to Assess Climate Change on Anand (Gujarat State)	1. <u>Chinchorkar S.S</u> 2.V.B.Vaidya 3.Vyas Pandey

14	Discovery Spring	2013	Long Range Forecast of South-West Monsoon Rainfall for 2013 for Different Regions of Gujarat	1. <u>Chinchorkar S.S</u> 2.V.B.Vaidya 3.Vyas Pandey
15	Discovery Agriculture	2013	Effect of wheat crop varieties on plot combine harvester	1. Patel S.K 2. Kumar S. 3.Yaduvanshi B K 4. Singh P K 5. <u>Chinchorkar S S</u> 6.Sayyed F G 7. Khardiwar MS
16	Discovery Spring	2013	Trends of biogas paklnts adoption in Chhattisgarh, India	1. Kumar S 2. Mishra BP 3. Patel SK 4.Yaduvanshi BK 5. <u>Chinchorkar SS</u> 6.Khardiwar MS
17	Discovery Spring	2013	Rainfall analysis for critical dry spells in Buldhana District, Maharashtra State	1. Khrdiwar MS 2.Ade GS 3. <u>Chinchorkar S S</u> 4. Ram B 5. Kumar S 6. Sayyad F G 7. Thakare IS 8 .Yaduvanshi BK
18	Mausam	2014	Inter annual variability and trends of southwest monsoon rainfall over Anand in Gujarat State	1. <u>S.S.Chinchorkar</u> 2.P K Singh 3.V.B.Vaidya 3.4.Vyas Pandey
19	Mausam	2014	Usefulness of Class A pan coefficient models for computation of reference evapotranspiration for a semi-arid region	1. PK Singh 2.S.K.Patel 3. P J Jayswal 4. <u>S.S.Chinchorkar</u>
20	<i>Current World Environment</i>	2015	A Study of Maximum and Minimum Temperatures Trends at Junagadh (Saurashtra Region) of Gujarat, India	Bhavin Ram, S.S.Chinchorkar, M.S.Khardiwar and F.G.Sayyad
21.	Mausam	2015	Trend detection in annual maximum temperature and precipitation using the Mann Kendall test- A case study to assess climate change on Anand of central Guajart	1. <u>S.S.Chinchorkar</u> 2.F.G.Sayyad 3.V.B.Vaidya 4.Vyas Pandey
22	International Journal Of Environmental Sciences	2016	Climate change evaluation for Ozat basin of Saurashtra region of Gujarat, India.”	Paradava D.M ¹ , Rank H. D. ² , Kelaiya J.H ² , Trivedi M.M¹ and Chinchorkar S.S ¹
23	Advances in life sciences	2016	Evaluation of Temperature and Rainfall Trends using Mann- Kendall Test in Saurashtra Region (Junagadh) of Gujarat, India	S.S.Chinchorkar, M.M.Trivedi, G.R.Patel*, D. M. Paradava And Bhavin Ram

24	International Journal Of Environmental Sciences	2016	A case study of temperature and rainfall trends using Mann- Kendall test in Saurashtra Region (Junagadh) of Gujaart, India	Chinchorkar S.S, Bhavin Ram D.M.Paradava and Trivedi M.M
25	HortFlora Research Spectrum	2017	Decadal trend analysis of Weather parameters in Junagadh (Saurashtra) re gion, Gujarat: a case study	Vishal Mehral, S.S.Chinchorkar and D. M. Paradava
26	HortFlora Research Spectrum	2018	Assessment of Climate Change in Anand of Central Gujarat with reference to Temperature Fluctuation : A CASE STUDY	S.S.Chinchorkar, S. B. Suryavansi l and G. R. Patel
27	HortFlora Research Spectrum	2018	Study On Combustion Behaviors of Briquette Fuel Produced from Crop residues	Khardiwar Mahadeov, Anil Kumar Dubey , S.S.Chicnhorkar* and F.G. Sayyad
28	Current World Environment	2019	A Study of Change in Rainfall Pattern in Anand (middle Gujarat) in the last 60 years (1958-2017).”	Mandloi Kapil., Kamani G.J, and Chinchorkar S.S.
29	Current World Environment	2019	Analysis of Rainfall Data for Drought In anand (Middle Gujarat): A Study.”,	Kamani., G.J., Mandloi Kapil., and Chinchorkar S.S
30	Current World Environment	2019	“Nakshatra Based Rainfall Trend Analysis During Monsoon Season at Anand, Gujarat State (India).”	Chinchorkar., S.S., Vaidya V.B., and Pandey VYAS
31	Mausam	2020	Long-term trend analysis of rainfall using hybrid Discrete Wavelet Transform (DWT) based Mann-Kendall tests in central Gujarat region, India	Rajani, Nirav V., Tiwari Mukesh Chinchorkar S. S., Pampaniya N. K., & Parmar Sanjay
32	International Journal of Advanced Research in Science, Communication and Technology (IJARSCT)	2021	Trend Detection in Rainfall and Temperature Data [1960-2014] of Anand, Gujrat, India	Chinchorkar S.S. and Kamani G.J. DOI: 10.48175/IJARSCT-949
33	International Journal of Advanced Research in Science, Communication and Technology (IJARSCT)	2021	Analysis of Drought Investigation Using Standard Precipitation Index (SPI) of Historical Rainfall Data (1979-2013) Under Temperate Conditions over Anand, Gujarat (India).	Kamani G.J., Pampania N. K. and Chinchorkar S.S. DOI: 10.48175/IJARSCT-948
34	Journal of AgriSearch, 9 (1): 97-102 ISSN : 2348-8808 (Print), 2348-8867 (Online)	2022	Evolution of Weather Parameters and Trend Analysis over Junagadh, Gujarat	S S Chinchorkar, R Subbaiah, M Kulshrestha And V B Vaidya4

Life Member of Society/ Organization

1. Life member (LM-367) of Association of Agrometeorologists, BACA, AAU, Anand from 2007.
2. Life member of Journal of Agriculture Research and Technology, College of Agriculture, Pune from 2011. Vide letter No.N0.J/ART/1256/2013 dated 25.4.2013
3. Life member (1868-TIBS-ALS-G-2020) of Trends in Biosciences journal
4. Life member (1868-TIBS-ALS-G-2020) of Advances in Life sciences journal
5. Life member (LM-159) of the Vigyan Gurjari of Vijnana Bharati-Gujarat Unit.
6. Life member of Indian Society of Agricultural Engineers (LM-11515) of the society from 30-12-2017
7. Life member of Agricultural Engineering Alumni Association, Godhra form 24/11/2011 (receipt No.111) LM- 2016-0011)
8. Life Time professional member of Institute of Scholars (InSc)
9. Member of VDGGOOD professional Association up to 07/03/2022 form VDGGOOD technology Factory, Goa
10. Appointed in Editorial board in trends in Biosciences journal (Reg.No.01/01/01/16715/06) up to 23/01/2020
11. Reviewer of journal of Institute of Scholars (InSc) of International journal of basic and applied sciences.
12. Life member (LM-367) of The Gujarat Association for Agricultural Sciences, Ahmedabad from 2022.

Number of Courses Taught:

Polytechnic Teaching:

Sr. No	Subject
01.	Applied Physics – HBS-1.1.3 , Credit Hours (3=(2+1)
02.	Basics of Electrical Engineering- REE-2.1.6, Credit Hours (4=(2+2)
03.	Non Conventional Energy sources - REE-2.2.2, Credit Hours (3=(2+1)
04.	Computer Application in Agricultural Engineering - HBS-2.2.7, Credit Hours (2=(1+1)
05.	Applied Mechanics – FMP-1.2.4 , Credit Hours (3=(2+1)

Number of Courses Taught:

UG Teaching:

Sr. No	Subject
1	Engineering Physics (Phy(E)-101) credit Hours (3=(2+1) at CAET, AAU, Godhra No.AAU/CAET/Acad/947/2011 dated 27/05/2011
2	Applied Electronics and Instrumentation (RE-102) credit Hours (3=(2+1) at CAET, AAU, Godhra No.AAU/CAET/Acad/4184-4204/2011 dated 31/12/2011
3	Engineering Physics (Phy(E)-101) credit Hours (3=(2+1) at CAET, AAU, Godhra No.AAU/CAET/Acad/1253-57/2013 dated 31/08/2013
4	Engineering Physics (Phy(E)-101) credit Hours (3=(2+1) at CAET, AAU, Godhra No.AAU/CAET/Acad/1106-09/2014 dated 05/09/2014
5	Engineering Physics (Phy(E)-101) credit Hours (3=(2+1) at CAET, AAU, Godhra No.AAU/CAET/Acad/1167-74/2015 dated 24/07/2015
6	Engineering Physics (Phy(E)-101) credit Hours (3=(2+1) at CAET, AAU, Godhra No.AAU/CAET/Acad/969-75/2016 dated 07/07/2016
7	Engineering Physics (Phy(E)-101) credit Hours (3=(2+1) at CAET, AAU, Godhra No.AAU/CAET/Acad/1711-16/2017 dated 11/07/2017

8	Engineering Physics (Phy(E)-101) credit Hours (3=(2+1) at CAET, AAU, Godhra No.AAU/CAET/Acad/1488-93/2018 dated 06/07/2018
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PG Teaching:

Sr. No	Subject
01.	Climate Change and water resources (IDE-516) at CAET, AAU, Godhra vide letter No.AAU/CAET/Acad/PG/6095-02/2018 dated 4/12/2018

Research

Sr. No.	Name of Leader / Associate	Title of Research Project / Experiment	Year	Funding / Sponsoring Agency	Dur.	Completed / On-going
1	S.S.Chinchorkar, V.B.vaidya, Vyas Pandey, D.J.Parmar	Development of rainfall Prediction models for different regions of Gujarat State.	2013	-	3 years	Successfully completed
2.	S.S.Chinchorkar, V.B.vaidya, Vyas Pandey, D.J.Parmar	Nakshatrawise rainfall analysis of different stations of Gujarat.	2013	-	3 years	Successfully completed
3.	S.S.Chinchorkar, D.K.Vyas, B.A.Amin, Vishal Mehra	Effect of Light intensity and Color on growth performance of Rose in Net house	2020	-	3 years	Successfully completed
4.	M.K.Tiwari, R.Subbaiah, S.S.Chinchorkar	Monthly Forecasts of SPI and SPEI Drought Indices in Middle Gujarat (AE·AIT/AE/ 2020/01)	2020	-		Scientific recommendation with Successfully completed
5.	Er. Chirag Jadav(PI) Er. R. C. Salunkhe(Co-PI) Er. Kapil Mandloi(member) Er. Sachin Chinchorkar(member)	Development of roprocating sprayer for weedicides (AE.AIT/BEAS/ Godhra/2018/02)	2018	-	3 years	Patent with Successfully completed

Research Note / Abstracts / Short communication presented / published in Journal / Seminar / Symposium / Conferences / Training / Workshops etc

1.	Accuracy of NCMRWF weather forecasting for use of farming community in pune region	National seminar on extension strategies to promote Agribusiness Enterprises on march 1-3,2007 PP-137 (MPKV/DEE/EXTN/PUNB/March,2007)	R.N.Sable, K.R.Gunjaj, S.S.Chinchorkar, S.S.Salunke and A.K.Hazari
2.	Nakshtrawise rainfall variability at Anand in middle Gujarat region	National seminar on Agrometeorological research and services to combat climate change challenges 9-10 dec,2011 pp18	S.S.Chinchorkar, V.B.Vaidya, Vyas Pandey and K.S.Damle

3.	Development of rainfall forecasting models for different stations of Maharashtra	National seminar on Agrometeorological research and services to combat climate change challenges 9-10 dec,2011 pp81	S.S.Chinchorkar, V.B.Vaidya, Vyas Pandey
4	Evaluation of class-A pan coefficient models for estimation of reference crop evapotranspiration in semi-arid climate	National symposium on Climate change and Indian agriculture :sclng down the uncertainties 22-23 jan2013 s1-18	PKsingh, SSChinchorkar, BKYaduvanshi, FGSayyad, VBVaidya and Vyas Pandey
5	Modelling and forecast of southwest monsoon rainfall of pune Maharashtra state	National symposium on Climate change and Indian agriculture :sclng down the uncertainties 22-23 jan2013 s1-18	SSChinchorkar VBVaidya and Vyas Pandey
6.	Nakshatra Based Rainfall Trend Analysis During Monsoon Season At Anand, Gujarat State, India	5 th Bharatiya Vigyan Sammelan and Expro11-14 may 2017 at pune pp-78	SSChinchorkar VBVaidya
7.	Evaluation of weather parameters (i.e Tempetaure and Rainfall) trend analysis over Junagadh (saurashtra region) , Gujarat India	52 nd annual convention of Indian society of agricultural engineers & national symposium on Doubling farmers' income though technological interventions 8-10,2018 at AAU, Anand pp-249	S.S.Chinchorkar, R Subbaiah, M Kulshetha & V.B.Vaidya

Participated in Orientation Courses / Short Term Training Programme SSTP / Faculty Development Programme / Scientific Exhibition or Show etc./ Participated in Seminars/ Conferences / Symposia / training School / Programme / Workshop

Sr. No.	Activity	Details of activity as above
1	Edumange software training 14/12/2009 to 19/12/2009 (No.AAU/PAE/Training/ADM/1251-58/2009 dated 11/12/2009)	Participated
2	Course on computer concepts plus CCC+ 12/4/2010 to 27/4/2010	Participated
3	Automatic weather station orientation programme june-2011	Participated
4	National Conference on Capacity building of farmers on tools, techniques and applications of weather forecasting : An integrated adaption perspective (15-17 th March 2013)	Participated
5	One day orientation program on Use of Automatic Weather Stations and its maintenance at CRIDA Hydrabad on 02/06/20211	Participated
	National seminar on Climate change impacts on water resources Systems (27-29 th Nov , 2013) at Parul Institue of Engg. & technology, Vadodara	Participated
4	National Symposium on doubling farmers income through technological interventions in 52 annual Convention of Indian Society of Agricultural Engineers held at AAU, anand on 08-10 January 2018	Participated
5	Participated in Oral presentation in 5 th bharatiya Vigyan Sammelan and Expro held at Fergusson College,Pune form 11 th -14 th may 2017	Participated

Popular articles (Magazine or Paper) : 19

Sr.No	Year	Popular articles published in leading Dailies / Pamphlets / Institutional / Govt. Departmental / Periodicals / College magazine etc
1.	Feb. 2011	Climate change and its impact on Agriculture (Readers Shelf), pp11
2.	Apr.2011	World meteorological day -23 march a report climate for you (Readers Shelf), pp8
3.	June.2011	Weather based agro-advisory for farmers (Readers Shelf), pp11

4	June.2011	A review of south-west monsoon (Readers Shelf), pp6
5	July.2011	Weather forecast in agriculture (Readers Shelf), pp4
6	Aug.2011	Savings of irrigation water through drip irrigation for different crop (Readers Shelf), pp12
7	Aug.2011	Long range south west monsoon rainfall for gujatratt-2011 (Readers Shelf), pp17
8	Sept.2011	Forecast and advisory services to farmers (Readers Shelf), pp11
9	Sept.2011	Green house technology in modern india (Readers Shelf), pp6
10	Nov.2011	Improved cook stove-boon for rural energy consumption (Readers Shelf), pp10
11	Dec.2011	Role of climate change on crop production (today's environment tomorrows challenges) (Readers Shelf),pp4
12	Jan2012	Quality evaluation and tenderization of goat meat (Readers Shelf), pp6
13	Feb.2012	Role of women's in agriculture (Readers Shelf), pp23
14	Mar.2012	Fig wine a nutritive beverage(Readers Shelf), pp4
15	Apr.2012	Sustainable agricultural(Readers Shelf), pp23
16	May2012	India- policy for suitable agriculture(Readers Shelf), pp4
17	June.2012	Organic agriculture (Readers Shelf), pp4
18	Aug. 2012	Long range forecast of south west monsoon rainfall for gujatratt region for 2012 (Readers Shelf), pp11
19	Sept.2012	Long range forecasting monsoon system in India (Readers Shelf), pp8

Key Achievements on Job Till Date

- Performing duty as academic in-charge in the year 2019 to till date.
- Performing duty as NSS Programme Officer from 2019 to till date
- Worked as SRC Chairman from 2010 to 2016.
- Developed Laboratories of Computer, Physics, Mechanics, Engineering Physics, Renewable and Electronics and Electrical.
- Delivered lecture on Pradhanmantri Krishi Sinchay Yojana Jointly Organized by ATMA and Polytechnic in Agricultural Engineering,AAU,Dahod from 17//1 to 25/11/2016 vide letter no. AAU/PAE/ADM/461/2016 dahod dated 30/11/2016.
- Worked as member in Board of Faculty of AET vide letter no. AAU/Reg./academic/Aca(199)/1156-1163/2014 dated 14/11/2014.
- Participate as manager in Gujarat inter Agricultural University *Kho-Kho & volley ball* tournament during 14-15 March 2014.
- Participated as member in 5th inter polytechnictournament held on 06/11/2015 at AAU,Anand.
- Worked as poster comiittee member (national Symposium on Doubling farmers income through Technological interventions) in 52nd Annual convention of ISAE at AAU,Anand during 8-10/01/2018
- Organized one day workshop on "introduction of statistical techniques & tools for Agricultural Engineers was held at CAET, AAU, Godhra vide letter No. AAU/CAET/Workshop/396/2018 dated 12/11/2018
- Delivered participants presentation and Group discussion on 21 days winter school on water and energy security in the arena of climate change from 17-01 to 06-02-2017.
- Worked as comiittee conveyers in the 4th Annual function "AgETech-2018" at CAET,AAU,Godhra
- Worked as help centre staff in Help Centre Admission duty vide letter No AAU/CAET/Acad/899-903/2017 dated 25/05/2017
- Worked as member in SRC vide letter No.AAU/CAET/Adm/2982-92/2017 dated 01/09/2017
- Worked as organizing committee member in 7th inert polytechnic sports competition held on 9-10 feb., 2018 at dahod
- Worked as NSS Programme Officer vide letter No.AAU/DSW/NSS/Prog.Officer selesion/155-59/2018 dated 25/04/2018
- Worked as Co-convener in First inter polytechnic spoerts-2018 vide letter No.AAU/PAE/SRC/634-639/2018 dated 17/01/2018

- Organized Blood donation camp at CAET,AAU,Godhra on 17.11.2018 (certificate)
- Working as PG teacher/guding at CAET,Godhra vide letter no AAU/DR/RES/T-5/5508-2018 dated 12-09-2018
- Worked as committee member in Workshop on Board Subject Area (BSMA) committee of ICAR during 3-4/06/2019 vide letter no AAU/CAET/EST/730-46/2019 dated 18.05.2019
- Worked as Teacher in charge in the summer training of second and fourth semester students vide letter no AAU/PAE/Acad/148-57/2019 dated 13/06/2019
- Worked as overall supervision duty in Help Centre Admission duty vide letter No AAU/PAE/Acad/101-116/2019 dated 31/05/2019
- Certificate of Appreciation in the successful organizing first convention of Agricultural Engineering Alumni Association at Godhra on 3rd August. 2019 at Godhra.
- Participated in one day webinar on BOOSTING IMMUNITY WITH NATURAL HERBS conducted by NSS IIT Bombay
- Participated in one day webinar on Programme Officers at MS university of Baroda, Gujarat and sponsored by Dept. of Higher education NSS cell, govt., of Gujarat.
- Certificate of Subscription of trends in Biosciences journal (ID-TIBS/S/027/2020)
- Attending Yoga Appreciation programme (3 hours duration through online mode) from Yoga certification Board, Ministry of youth, GOI, (certificate No.CYAP70186)
- Organized Thalassemia Prevention Programme at PAE,AAU,Dahod (certificate)

Key Achievements in Teaching:

- Prepared practical manuals of basics of Electrical; Engineering & Electrical Circuits (REE-1.2.7), Lab manual on Engineering Physics Phy(E)-11.2) for the A.Y.2017-18
- Lab manual on Engineering Physics HBS-1.2.6

Extension

1. Worked as Agricultural Engineering Expert on Swarnim Krishi Mohostav 2010 at Devgud Bariya Jointly Organized by Gujarat Govt. Dept. of Agriculture and Co-operation, Gandhinagar, Gujarat and Anand Agricultural University, Anand, Gujarat from 24.5 to 30.5.2010. & 7.6 to 14.6.2010 **Vide letter No. AAU/DEE/K.M/1261-2060/2010 dated: - 20.4.2010**
2. Worked as Agricultural Expert on Krishi Mohostav 2011 at Limkheda Dist. Dahod Jointly Organized by Gujarat Govt. Dept. of Agriculture and Co-operation, Gandhinagar, Gujarat and Anand Agricultural University, Gujarat from 13.05. to 20.5.2011 and 28.5 to 5.6.2011 **Vide letter No. AAU/DEE/K.M/701-1500/2011 dated: - 19.4.2011**
3. Worked as Agricultural Expert on Krishi Mohostav 2012 at FATEPURA Dist. Dahod Jointly Organized by Gujarat Govt. Dept. of Agriculture and Co-operation, Gandhinagar, Gujarat and Anand Agricultural University, Gujarat from 14.5 to 21.5 & 29.5 to 4.6.12 **Vide letter No. AAU/DEE/K.M.2012 /446/2012 dated: - 23/4/2012**
4. Worked as Agricultural Expert on Krishi Mohostav 2013 at FATEPURA Dist. Dahod Jointly Organized by Gujarat Govt. Dept. of Agriculture and Co-operation, Gandhinagar, Gujarat and Anand Agricultural University, Gujarat from **23.5 to 31.5.2013 vide letter No. AAU/DEE/K.M.2013/1353/2013 dated: - 30/4/2013.**
5. Worked as Agricultural Expert on Krishi Mohostav 2014 at FATEPURA Dist. Dahod Jointly Organized by Gujarat Govt. Dept. of Agriculture and Co-operation, Gandhinagar, Gujarat and Anand Agricultural University, Gujarat from **26.5 to 10.6.2014 vide letter No. AAU/DEE/K.M.2014/634/2014 dated: - 19/5/2014.**
6. Worked as Agricultural Expert on Krishi Mohostav 2014 at FATEPURA Dist. Dahod Jointly Organized by Gujarat Govt. Dept. of Agriculture and Co-operation, Gandhinagar, Gujarat and Anand Agricultural University, Gujarat from **26.5 to 10.6.2014 vide letter No. AAU/DEE/K.M.2014/634/2014 dated: - 19/5/2014.**
7. Member of AGRESKO Sub-Committee on Crop production, Anand Agricultural University, BACA, Agrimet, Anand from 2011. **Vide letter No. BACA/Agnmet/AGROSCO/2508-41 /2011 dated: - 18.01.2011**

8. Member of AGRESKO Sub-Committee on Crop production, Anand Agricultural University, BACA, Agrimet, Anand from 2011. Vide letter No. BACA/Agmet/AGROSCO/125-151/2012 dated: - 27.01.2012
9. Member in Pradhanmantri Fasal bima Yojana par khedut pathshala and krishi Pradarshan organized by KVK,AAU,Dahod vide letter no. No.AAU/KVK/Samelan/35-38/2016 dahod dated 05/04/2016
10. Worked as member in one day farmers training on “મકાઈના પાકમાં કાપણી પછીની વિવિધ પકિયાઓ, વ્યવસ્થાપન અને મૂલ્યવર્ધન” on 21/10/2016sitafalni
11. Worked as member in one day farmers training on “સિતફળની વૈજ્ઞાનિક ખેતી પદ્ધતિ અને મૂલ્ય વર્ધન” on 20/02/2018sitafalni
12. Worked as member in one day training on “THINGSPEAK IN IOT AND APP DESINING WITH METLAB” vide letter no AAU/CAET/BEAS/401/2018 dated 12/03/2018
13. sitaWorked as member in one day farmers training on “સોયાબીનની આધુનિક ખેતી અને તેનું મૂલ્યવર્ધન ” on 17/03/2018 at CAET,AAU,Godhrasitafalni
14. Worked as Team Members in the 15th Agresco sub comiitee meeting of the AET and AIT held on 22/02/2019 vide letter No.AAU/CAET/Agresco-2019/7791-62/20419 dated 29/1/2019
15. Worked as member in one day training on “Awariness on gender Issues and the Role of Young Generation ’ on 16/02/2019 vide letter no No.AAU/CAET/BEAS/Gender champions/Workshop/551/2018 dated 05/02/2019

Book Chapters

1. Time series Forecasting using stochastic models pp-351(MPKV/EXTN/PUB. No.2206/2018)
2. Conventional Agromet observatory pp-360(MPKV/EXTN/PUB. No.2206/2018)
3. Climate change mitigation using Renewable energy utilization for Environment protection pp107-125 (EDU:4:28:2019:30)
4. Lecture note on Engineering Physics in glimpse of Agricultural Engineering published by Jaya Publishing House, Delhi(India) in 2022 ISBN no :

Sr. No.	Name of Book	Name of Book Chapter	Name of Chapters' Authors	Name of Publisher
	Glimpse of Agricultural Engineering	Glimpse of Agricultural Engineering	K.Yaduvanshi and H. Sanchavat	Jaya Publishing House, Delhi(India)
	Glimpse of Agricultural Engineering		S.Chinchorkar	

Student Activities

- Prepared college brochure of College in the year 2021-22.
- Worked as Chairman in Anti-incident of College/ Hostel premises vide letter no.AAU/PAE/SRC/357/2011 dated 20/07/2011
- Worked as the member in Ragging Incidence vide letter No. AAU/PAE/ADM/521/2012 dated 06/09/2012.

- Worked as Member Secretary in Second Inter Polytechnic games -2011 organized by Polytechnic in Agricultural Engineering, Anand Agricultural University, Dahod held on 1-3 December,2011. Vide VC office letter No.PSVC/1249/2011 dated 20/9/2011.
- Worked as Member in Anti Ragging committee at polytechnic in Agricultural Engineering, Anand Agricultural University, Anand vide letter No.AAU/PAE/ADM/521-32/2012 Dahod dated **08-09-2012.**
- Worked as Member Secretary in Gujarat Inter Agricultural Polytechnic games -2014 organized by Polytechnic in Agricultural Engineering, Anand Agricultural University, Dahod held on 14-15 March, 2014 Vide letter No.AAU/PAE/SRC/992/2014 dated 05-03-2014.
- Worked as Organizing Committee Member in Gujarat Inter Agricultural Polytechnic games -2014 organized by Polytechnic in Agricultural Engineering, Anand Agricultural University, Dahod held on 14-15 March, 2014.
- Worked as Team manager in Gujarat Inter Agricultural Polytechnic games -2014 organized by Polytechnic in Agricultural Engineering, Anand Agricultural University, Dahod held on 14-15 March, 2014.
- Worked as advisors/counselors of students vide letter no. AAU/CAET/Acad/7424-25/17 dated 12/12/2017.
- Worked as advisors/counselors of students vide letter no. AAU/CAET/Acad/4600-01/17 dated 30/03/2017.
- Worked as advisors/counselors of students vide letter no. AAU/CAET/Acad/9921-22/19 dated 28-1-2019.

**Participated in Seminars/ Conferences / Symposia / training School / Programme / Workshop
(Covid-19)**

Sr.No	Name of the event	Organized by	Date
Two day			
1	Emerging Trends In Educational Research	St. Ignatius, College Of Education , Palayamkotti, Tirunelveli	17,18 June 2021
2	Farmer Producer Organizations And Commodity Markets	Centre For Agricultural Market Intelligence, AAU,Anand	27-28 July,2020
3	Teaching Writing	Centre For Agricultural Market Intelligence, AAU,Anand	16-17, October 2020
4	Fishery Business Eco-System In India	Centre For Agricultural Market Intelligence, AAU,Anand	22-23, June, 2020
5	Agricultural Market Reforms And Market Intelligence	Centre For Agricultural Market Intelligence, AAU,Anand	07-08, July, 2020
6	High-Performance Material For Energy , Environment And Healthcare In The Digital Era	Centre For Materials Technologu, School Of Advanced Sciences, VIT, Vellore, India	30June & 1july 2020
7	Research Methodology: Concepts & Applications	Directorate Of Students Welfare, Maharana Pratap University Of Agariculture & Technology, Udaipur , Rajasthan	26-27, June, 2020
8	Post Covid-19 Agribusiness: Challenges And Opportunities	Junadadh Agricultural University, Junagadh	13-14, June,2020
9	Open Source Resources And Copyright Issues	Centre For Advanced Agricultural Science And Technology (CAAST) For Climate Smart Agriculture And Water Management, MPKV, Rahuri	26-27 Nov., 2020
10	Space Technology And Machine Learning For Agriculture	Centre For Agricultural Market Intelligence, AAU,Anand	28-29, October,2020
11	Development Of Entrepreneurial Skills In Women	S.S. Girls, College, Gondia & College Of Agriculture And Research Station, Narayanpur (C.G.)	23-24, Sept., 2020
12	The Empire And After : Trends Issues And Perspectives	Dept. Of English , Sewnarayan Rameswar, Fatepuria College, West Bengal	04-05 Sept., 2020
13	Business Intelligence And Analytics (BIA) For Smart	Post Graduate Dept.Of Business	04-05 Sept., 2020

	Decision Marketing	Administration AIMIT, Mangaluru	
14	Machine Learning With Python	Shivajirao Kadam Institute Of Technology And Management, Indore	14-15 July 2020
15	Microbial Intervention In Plant Health And Nutrition	College Of Agriculture, Navsari Agricultural University, Bharuch	26-26, Aug., 2020
16	Nutrition Fest 2020	Khel Karnataka Physical Education And Sports Association, Belagavi	19-20, Sept., 2020
17	Market Dynamics In Poultry Sector : Perspectives And Challenges	Centre For Agricultural Market Intelligence, AAU, Anand	17-18, Sept., 2020
18	FDP On Software Testing	Rajasthan Technical University, Kota Compucom Institute Of Technology & Management, Jaipur	26-27, Sept., 2020
Three day			
1	Food Politics In Language, Literature And Cinema	K.M.Agrawal College Of Arts, Commerce & Science, Kalyan(W) Mumbai	8,9 And 10 Sept., 2020
2	Healthy Workplace Initiative # Ergonomics	Maharana Pratap University Of Agriculture And Technology, Udiapur Rajasthan	21,22 June & 05 th July 2021
3	Multidisciplinary Approaches For Plant Disease Management For Achieving Sustainability In Agriculture	University Of Horticultural Sciences, Bagalkot, India, Dept.Of Plant Pathology, College Of Horticulture, Bengaluru	06-09 th Oct., 2020
4	Summer Training Programme On Web Development	SAGE University, Indore	29-31 July,2020
5	Technology Available For Commercialization.... Levering And Idea.... And Importance Of IPR For Startups	Agri And Food Business Incubator, AAU, Anand	25-27 th Feb., 2021
6	Effective Research- Tools Funding And IPR	Dept. Of Mechanical Engineering, Coimbatore	07-10.Sept.,2020
7	Gramin Vikas- Enabling Self Reliant Economy Through Techno-Social Innovation In A Perspective Of Post Covid-19 Rural Area	Unnat Abhiyan Cell Of MCT's Rajiv Gandhi Institute Of Technology, Mumbai	25-27 June 2020
8	Building Climate Resilience In Agriculture Through Agro Meteorology And Other Technological Interventions	Dr Rajendra Parsad Central Agricultural University, Pusa Bihar	15-17, Dec., 2020
9	National Level Quiz On Kalaripayattu And Silambam	Tamil Nadu Physical Education And Sports University	27-29 Aug., 2020
10	National E Workshop On Current Scenario Of Post Gradation Research In Agriculture Sector	Swami Keshwand Rajasthan Agricultural University, Bikaner	09-11, Sept., 2020
11	National Level Quiz On Organic Farming	Dept., Of Agriculture, Mandsaur University, Manssaur(M.P.)	24-26 Aug., 2020
Five Days (National Level Workshop)			
1	Thermal Remote Sensing & Its Application In Research	Integrated Institute For Advanced Research And Information (IIARI)	16/10 To 20 Oct., 2020
2	Intercollegiate Competition Held Under Digital India Week	Bharat College Of Arts And Commerce, Hendrepada, Kalgan , Ballarpur (W)	07 Sept To 12 Sept., 2020
3	Online FDP On Remote Sensing And GIS Applications In Civil Engineering	Koneru Lakshmaiah Education Foundation, Dept. Of Civil Engineering	08 June To 13 June 2020
4	Five Days FDP On Futuristic Scope For Research In Thermal Engineering	Dept Of Mechanical Engineering, Arya College Of Engineering & IT, Kukas, Jaipur (Rajasthan)	18 Feb To 22 Feb., 2021
5	Sustainable Agriculture Through Natural Resources Management	College Of Agriculture, Navsari Agricultural University, Bharuch	04 Jan To 8 th Jan.2021
6	Crop Weather Modeling : Tools For Climate Smart Agriculture	Centre For Advanced Agricultural Science And Technology (CAAST) For Climate Smart Agriculture And Water Management, MPKV, Rahuri	21 Dec To 25 Dec., 2020
7	Five Day National Workshop On Emerging Tools & Technology In Cloud Computing : AWS, VMWARE & AZURE	Sardar Patel College Of Engineering, Bakrol, Anand	2 Nov To 06 Nov 2020
8	5 Day Online FDP On Universal Human Values For DEEKSHARAMBH(Student Induction Programm)	NIT, Patna	21-25 Sept., 2020

9	5 Day FDP On Applied Mathematical Skills For Science And Engineering Using Contemporary Tools	Dept. Of Applied Sciences, School Of Natural And Applied Sciences, Maulana Abul Kalam Azad University West Bengal	14-18 Sept., 2020
10	5 Day Online FDP On Climate Change And Environmental Legal Protection	Central University Of Tamil Nadu, Dept. Of Law, School Of Legal Studies	1-11 Sept., 2020
11	5 Day Online FDP On Recent Advances In Photonics Technology	Dept. Of Electronics And Communication Engineering, Vidyavardhaka College Of Enginweering, Mysuru	7-11 Sept., 2020
12	5 Day Online FDP On Machine Learning And Data Science	Rajasthan Technical University Kota & Arya Institute Of Engineering & Technology, Jaipur, Rajasthan	14-18 Dec., 2020
13	5 Day Online FDP "Mechatronics Automation And Robotics	OP Jindal University, Raigarh (C.G.)	3-7 th Aug., 2020
7 Days (One week)			
1	One week online FDP on recent trends in computer science & IT	Raj Kumar Goel Institute Of Technology, Ghaziabad, Dept., Of Computer Science And Engineering	13-17 July., 2020
2	One week online short term course on Reliability maintainability and quality issues in process industries	Dept., Of Industrial & Production Engineering, Janlandhar	04-08 Aug., 2020
3	Nutrition and health- Eat Right, Bit by Bite	RKVY- RAFTAAR Agri Business Incubator, College Of FPT & BE,AAU,.Anand	21-25 Sept., 2020
4	One week e workshop on introduction to Geospatial technology	Geospatial Maple Lucknow, UP, India	01-07 July., 2021
5	National level 6 days online FDP on professional skills and moral leadership part 1 fundamentals	Shardabai Pawar Mahila Mahavidyalaya, Baramati, Pune(M.S.)	14-19 Seopt., 2020
6	One week online Short term course on Supply chain management : challenges and Strategies	Dept., Of Industrial & Production Engineering, Janlandhar	13-17 July 2020
7	One week FDP on Engineering with Geosynthetics	Koneru Lakshmaiah Education Foundation, Dept. of Civil Engineering	13-18 July., 2020
8	One week online international training programme on Agriculture 4.0: precision and Automated Ag technologies	Centre For Advanced Agricultural Science And Technology (CAAST) For Climate Smart Agriculture And Water Management, MPKV, Rahuri	28/09 To 02 Oct., 2020
9	One week FDP on recent trends in Advance materials and Applications	Dept. Of Physics, NIE., Mysuru	19/10 To 23 Oct., 2020
10	One week national level FDP on Moodle- learning management system	Sardar Patel University Of Police Security And Criminal Justice- Jodhpur Rajasthan	20/08 To 26 Aug., 2020
11	One week training on recent Advances and instrumentation in Agricultural Meteorology	Vasantro Naik Marathwada Krishi Vidyapeeth Parabhani	26/05 To 02 June 2020
Ten days			
1	Climate Risk Assessment And Its Management Through Agrometeorological Approaches	Dryland Agriculture Research Station, Rangreth Skuast, Kashmir	21-30 Oct., 2020