ABHIMANYU CHATURVEDI

Subject Matter Specialist (Horticulture)

Krishi Vigyan Kendra- Tirap

Arunachal Pradesh

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Date of Birth : 02nd February, 1985

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**Academic Record**

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| **Sl.****No.** | **Examination Passed** | **Div./ OGPA** | **% of marks obtained** | **Subject** | **Year** | **Board/ University** |
| 1. | **10th**  | **2nd**  | 56.66 | Science | 1999 | U.P. Board- Allahabad |
| 2. | **12th**  | **1st**  | 60.70 | Agriculture | 2001 | U.P. Board- Allahabad |
| 3. | **B.Sc. Agriculture** | **1st**  | 65.39 | Agriculture | 2006 | V.B.S. Purvanchal University- Jaunpur |
| 4. | **M.Sc. Ag. (Horticulture)** | **1st**  | 89.00 | Horticulture | 2008 | A.A.I.-Deemed University, Naini- Allahabad |
| 5. | **ICAR-NET** | **-** | **Qualified** | **Horticulture** | **2010** | **ASRB****(ICAR)** |

**Career Record**

* Three Years and three months working Experience as **Cane Development Officer** from **July, 2008 to September, 2011** at **DSCL Sugar** Limited (A unit of Shriram Group), **Rupapur- Hardoi, Uttar Pradesh**.
* Now working as **Subject Matter Specialist (Horticulture)** at KVK Tirap- Arunachal Pradesh (under *administrative control* of **Arunachal Pradesh Government)** from 30th September, 2011 to till date .

**PUBLICATIONS**

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| --- |
| 1. **Awards/ Recognition, Memberships etc.**
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| **Sl.****No.** | **Award** | **From where** |
| 01 | Young Scientist Award- 2021 | 3rd Int. Conference (FIAFAS-2021) at Dehradun; 17-18 October, 2021 by AETDS Society , U.S.Nagar, Uttarakhand  |
| 02 | Best KVK Scientist Award-2023 | 6th Int. Conference (SCALFE-2023) at Shimla; 28-30 April, 202 by ATDS Society , Gaziabad, Uttar Pradesh  |
| 03 | Life time member | Life time member of Agricultural Technology Development Society (ATDS), Gaziabad, Uttar Pradesh sisnce 2023.  |
|  **Conferences/Short course/Summer & Winter School** |
| 01 | Short Course- IIVR |
| 02 | Short course- CISH |
| 03 | attended **21 days Winter School (In online mode)** on “Recent Innovations in Stored product Protection for Food and Nutritional Security: A Gateway of Green Agriculture Technology” from Feb’ 24th to March 16th, 2022 organized by Dept. of Entomology, **Veer Kunwar Singh College** of Agriculture, Dumraon, Buxur, Bihar Agricultural University, Sabour, Bhagalpur. |
| 04 | attended **21 days winter school at RPCAU- PUSA, Bihar**; from 06th January- 27th January, 2023 on the Topic “ Innovative Approaches to Agripreneurship: Ideation to Implementation”. |
| 05 | **Participated and Presented POSTER** on “Effect on nitrogen, phosphorus and spacing on growth and flowering characters of tuberose under eastern part of Uttar Pradesh conditions” in 4th International conference on “Global Approaches in Natural Resource Management in Climate Smart Agriculture (GNRAS-2020) during Pandemic Era of COVID -19” organized by ATDS Society, Gaziabad at Modipuram, Meerut from 26th – 28th February, 2021.  |
| 06 | **Participated and Presented POSTER** on “Effect on nitrogen, phosphorus and spacing on vase life of tuberose under eastern part of Uttar Pradesh conditions” in 5th International conference on “ Advances in Smart Agriculture and Biodiversity Conservation for Sustainabale Development (SABCD- 2022)” organized by ATDS Society, Gaziabad at Jaipur, Rajasthan from 04th – 06th March, 2022.  |
| 07 | Participated (ONLINE MODE) in **03 days Drone Conference 2023**; organized by Agricultural Technology Application Research Institute- Kanpur from 27th – 29th January, 2023. |
| 08 | Participated (ONLINE MODE) in **One Month International Training cum Certificate Course**; organized by CSJM Univ. Kanpur, ICRISAT, Hyderabad, SKUAST Kashmir & Agri Meet Foundation, from 15th May to 13th June, 2023. |
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| **Research papers** |
| **Sl.****No.** | **Time of publications** | **Nature of publication (Original research paper, article, book, monograph, reviews report, bulletin not etc.** | **Name of the Journals with NAAS rating/ Magazine** |
| 01 | March, 2014 | *Screening of different cultivars of tuberose under agro climatic conditions of Allahabad* | Progressive Horticulture, Vol. 46, No.1, 146-148, NAAS Rating : 3.53 |
| 02 | March ,2016 | *Effect of different levels of nitrogen and phosphorus on growth, yield and quality of kalmegh* | International Journal of Bio Resource, Environment and Agricultural Science, Vol.2(1), 261-268, ISSN 2454-3551 |
| 03 | June,2016 | *Effect of plant growth regulators and floral preservatives on plant growth, spike yield and vase life of Dendrobium orchid hybrid Sonia-17* | Progressive Horticulture, Vol. 48, No.1, 63-66, NAAS Rating : 3.53 |
| 04 | September, 2016 | *Varietal evaluation of brinjal cultivars under Allahabad agro climatic conditions* | International Journal of Bio Resource, Environment and Agricultural Science, Vol.2(3), 364-368, ISSN 2454-3551 |
| 05 | July- August,2018 | *Rejuvenation of citrus in Arunachal Pradesh* | International Journal of Pure and Applied Bioscience, Vol.6(4): 688-695,NAAS Rating : 4.74 |
| 06 | April,2019 | *Role of Cluster Front Line Demonstration on Arhar production in Tirap district of Arunachal Pradesh* | *SATSA Mukhapatra-Annual Technical Issue-23; 2019. ISBN 0971-975X, NAAS rating: 4.78* |
| 07 | May,2019 | *Cluster Front Line Demonstration- A tool for productivity enhancement & dissemination of technologies for Toria in Tirap district of Arunachal Pradesh* | *Int. J. Curr.Microbiol. App. Sci. (2019) 8 (5).462-465, NAAS rating: 4.89* |
| 08 | September, 2019 | *Impact analysis of trainings and Front Line Demonstrations in black gram cultivation of Tirap district – Arunachal Pradesh* | *Int. J. Curr.Microbiol. App. Sci. (2019) 8 (9).NAAS rating: 4.89* |
| 09 | November,2020 | Studies on Comparative Behaviour of Performance Leading to Yield and integrated Management of Late Blight Disease of Potato in Allahabad Agro-Climate Condition | *Int. J. Curr.Microbiol. App. Sci. (2020) 9 (6).578-585, NAAS rating: 4.89* |
| 10 | November, 2021 | Popularization of Turmeric Production Technologies through Demonstrations in Tirap District of Arunachal Pradesh, India | *Int. J. Curr.Microbiol. App. Sci. (2021) 10 (3).1470-1475. NAAS rating: 4.89* |
| 11 | May, 2022 | Influence of Different Doses of Nutrients on Fruit Quality of Khasi Mandarin Grown Under Mid Hills of Arunachal Pradesh | *Int. J. Curr. Microbiol. App. Sci. (2022) 11 (05).29-35. NAAS rating: 5.38* |
| 12 | Oct, 2022 | Standardization of sowing dates of French bean in Tirap district of Arunachal Pradesh | *Curr. Res. Agri. Far.(2022)3 (4), 12-15*ISBN : 2582- 7146 |
| 13 | Oct, 2022 | Standardization of planting time and dehaulming on the yield potential and quality in Potato in reference to Tirap district of Arunachal Pradesh | *Curr. Res. Agri. Far.(2022)3 (3), 12-17*ISBN : 2582- 7146 |
| 14 |  |  |  |
| **Training manual/** **TECHNICAL BULLETIN/Book Chapters** |
| 01 | December, 2022 | Training manual on **Smart Horticulture** | Training Manual  |
| 02 | June, 2023 | **Importance & Scope of Microbes in Agriculture for food security** | Training Manual  |
| 03 | July, 2016 | ***Procedure of Vegetable seed production-*** *scope and status of vegetable seed industry in India- a ready reckoner*  | **Technical bulletin**, No.1, KVK Pampoli- East Siang, Arunachal Pradesh |
| 04 | January, 2022 | *Scientific techniques of Vegetable Production*  | **Technical bulletin**, No.1/2022, KVK Tirap- Deomali, Arunachal Pradesh |
|  **CONFERENCE & SEMINAR** |
| **ABSTRACTS** |
| 01 | Economic impact of Front Line Demonstrations on vegetables in Tirap district of Arunachal pradesh | 1st National Conference on “Imroving income of Farmers through Agriculture & Aquaculture through Development interventions” , organized by Society of Krishi Vigyan and association of Aquaculturistsat CIFA- Bhuwaneshwer |
| 02 | *Effect of Plastic Mulching on moisture conservation and yield of cabbage under Agro- Climatic Conditions of Tirap, Arunachal Pradesh* | **International conference** on “ Sustainability on small holder agriculture in developing countries under Changing Climatic Scenario” organized by Society of Agricultural Professionals, **CSA- Kanpur** |
| 03 | *Status of production of horticultural crops of Arunachal Pradesh, with special reference to West Kameng district* | **1st National Conference on** “Improving income of Farmers through Agriculture & Aquaculture through Development interventions” , organized by **Society of Krishi Vigyan** and association of Aquaculturistsat CIFA- Bhuwaneshwer |
| 04 |  National Seminar on Higher Education and Sustainable Development : Important, Scope and Challenges | Govt Degree College- Jakkhini, Varanasi |
| **ARTICLES** |
| **Normal** |
| 01 | Operational Calendar for scientific Cultivation of Arecanut in Arunachal Pradesh | ISSN (E): 2582 – 7022 Agrospheres: e-Newsletter, (2022) 3(6), 32-35 , Article ID: 411 |
| 02 | Scientific Cultivation of Large Cardamom (*Amomum subulatum* R.) in Tirap district of Arunachal Pradesh | ISSN (E): 2583 – 0821*Sun. Agri.:e-Newsletter,* (2022) *2*(6), 9-11, Article ID: 137  |
| 03 | Biofortification- a futuristic pathway to overcome manlnutrition | ISSN (E): 2583 – 1933*Curr. Agri.Tren.:e-Newsletter,* (2022) *1*(9), 1-8, Article ID: 52 |
| 04 | The improvement in vegetable production and profitability by suing mulching techniques in Arunachal Pradesh | ISSN (E): 2583 – 1933*Curr. Agri.Tren.:e-Newsletter,* (2022) *1*(11), 22-25 , Article ID: 166 |
|  **OFT** |
| 1 | Assessment of Rejuvenation practices in Citrus/Khasi mandarin in Tirap district of Arunachal Pradesh | ISSN (E): 2583 – 1933*Curr. Agri.Tren.:e-Newsletter,* (2022) *1*(6), 13-15 , Article ID: 135 |
| 2 | Effect of organic sources of nutrition on cabbage production in Tirap district | ISSN (E): 2583 – 0821*Sun. Agri.:e-Newsletter,* (2022) *2*(9),9-3, Article ID: 148  |
| 3 | Varietal assessment of French bean in Tirap district of Arunachal Pradesh | ISSN (E): 2583 – 1933*Curr. Agri.Tren.:e-Newsletter,* (2022) *1*(6), 9-12 , Article ID: 134 |
| 4 | Varietal Assessment of Garden Pea in Tirap district of Arunachal Pradesh | *Agrospheres: e-Newsletter,* (2022) *3*(6), 36-39 , Article ID: 414  |
| 5 | Intercropping of African marigold with Tomato for better productivity, pest control and economic return in Tirap district of Arunachal Pradesh | ISSN (E): 2582 – 7022 *Agrospheres: e-Newsletter,* (2022) *3*(8), 1-13 , Article ID: 425 |
| 6 | Effect of mulches in cabbage under Tirap district of Arunachal Pradesh | ISSN (E): 2583 – 0821*Sun. Agri.:e-Newsletter,* (2022) *2*(11)5-8, Article ID: 160  |
| 7 | Varietal assessment of radish varities for better productivity in Tirap district of Arunachal Pradesh | ISSN (E): 2583 – 1933*Curr. Agri.Tren.:e-Newsletter,* (2022) *1*(8), 1-2 , Article ID: 148 |
|  **FLD** |
| 01 | Crop Intensification Through Paddy- French Bean Cropping System in Tirap District of Arunachal Pradesh | CAU Farm Magazine, Vol-08, No.-04, 2018 |
| 02 | Front line demonstration on Integreted crop management practices in Brinjal | Just Agriculture (multidisplinary e-News letter, Vol.3 Issue-8, April 23Article ID-38 |
| 03 | Demonstration on cabbage production with using organic sources of nutrition in Tirap district of Arunachal Praddesh |  *Agrospheres: e-Newsletter,* (2023) *4*(3), 13-16 , Article ID: 480  |
| 04 | Demonstration on cabbage production with plastic mulching in Tirap district of Arunachal Pradesh | Just Agriculture , Vol.3 Issue-8, April 23Article ID-26 |
| 05 | Impact of FLD on productivity of carrot in Tirap district of Arunachal Pradesh | *Sun. Agri.:e-Newsletter,* (2023) 3(2) 14-16, Article ID: 178 |
| 06 | The impact of **custom hiring centre** among tribalfarmers of Arunachal Pradesh under NICRA project | *Sun. Agri.:e-Newsletter,* (2023) 3(3) 6-11, Article ID: 182 |

**Expertise of work**

* Conducting different types of **Location Specific “On Farm Trials- OFT”** at **farmers field** to check the suitability of particular agricultural technologies.
* **“Front Line Demonstration”:** After the successful result of “On Farm Trials”, these trials carried out in quite larger area at farmers field. And the result shared with district Agriculture office/district Horticulture Office to share the new findings for large scale adoption of farming community.
* **Farmers and Farm women Trainings & Method demonstration:** Training of farmers and farm women to upgrade their technical knowhow with respect of particular farming activities/crops/season.
* **Skill training of Rural Youth:** Rural youths training for employment generationis very focusing now a days. This includes- mushroom, honeybee, vermin-compost, pig, poultry etc.
* **Awareness Programmes –** Kisan mela, world soil day, Farmers day and other local specific programmes.
* **Farmers Meeting (Kisan Gosthi)-** Includes formal way of interaction with farmers. Per gosthi around 6-8 farmers are involved.
* **Field visits-** Time to time field visits in conducting trials/farmers field to observe particular condition of any crop/trial/demonstration.
* **Mobile advisory-** Sending of messages related to specific condition like- frost, rain, drought and also involved routine activities e.g. spray of any insecticide/pesticide to against any disease/ weeding/irrigation etc.

**Total Achieved Activities**

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| **Activities** | **No.** | **No. of Farmers Benefited** |
| On Farm Trial (OFT) | 24 | 118 |
| Front Line Demonstration (FLD) | 19 | 382 |
| Farmers Training | 79 | 2040 |
| Field Visits | 138 | 628 |
| Mobile Advisory | 189 | 478 |
| Kisan Gosthi | 46 | 368 |
| Exhibition | 07 | 710 |
| Lecture Delivered as Resource Person | 22 | 874 |
| News Paper Coverage | 15 | Mass |
| Technical Leaflets | 17 | 351 |
| **Total Farmers** | **556** | **5949** |

 

 (Abhimanyu Chaturvedi)