Plant Orbit

Krishi Ujala

Gagan Tripathi

Agriculture is not just about growing crops; it is about nurturing livelihoods, sustainability, and the future of our nation.

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- Brief Profile
- National and International Awards
- Education Qualification
- Research Papers
- Books and Lectures
- Patents and Trademarks
- Grants and Scholarships



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Plant Orbit Krishi Ujala

Agriculture professional bridging climate-smart farming, agribusiness innovation, and research-based communication for sustainable agricultural development in India.

Roles and Responsiblities :

1. Ph.D Scholar, Department of Agriculture Communication, G.B.P.U.AT Pantnagar
2. **Founder and Director :** Plant Orbit Private Limited
3. **Founder and Editor:** Krishi Ujala Media Group

Awarded By United Nations in 2025 from chief minister Shri. Pushkar singh Dhami

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Awarded Leadership Excellence Award 2025 by Honable Agriculture Minister Mr. Ganesh Joshi

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Winner at Global Student Entrepreneur Awards from Uttarakhand in GESA 2025

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Winner at Bharat Pitchathon awarded from Honable Chief Minister of Uttarakhand in Ajeevika Mahotsav 2022

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Awards From Different societies and Organizations

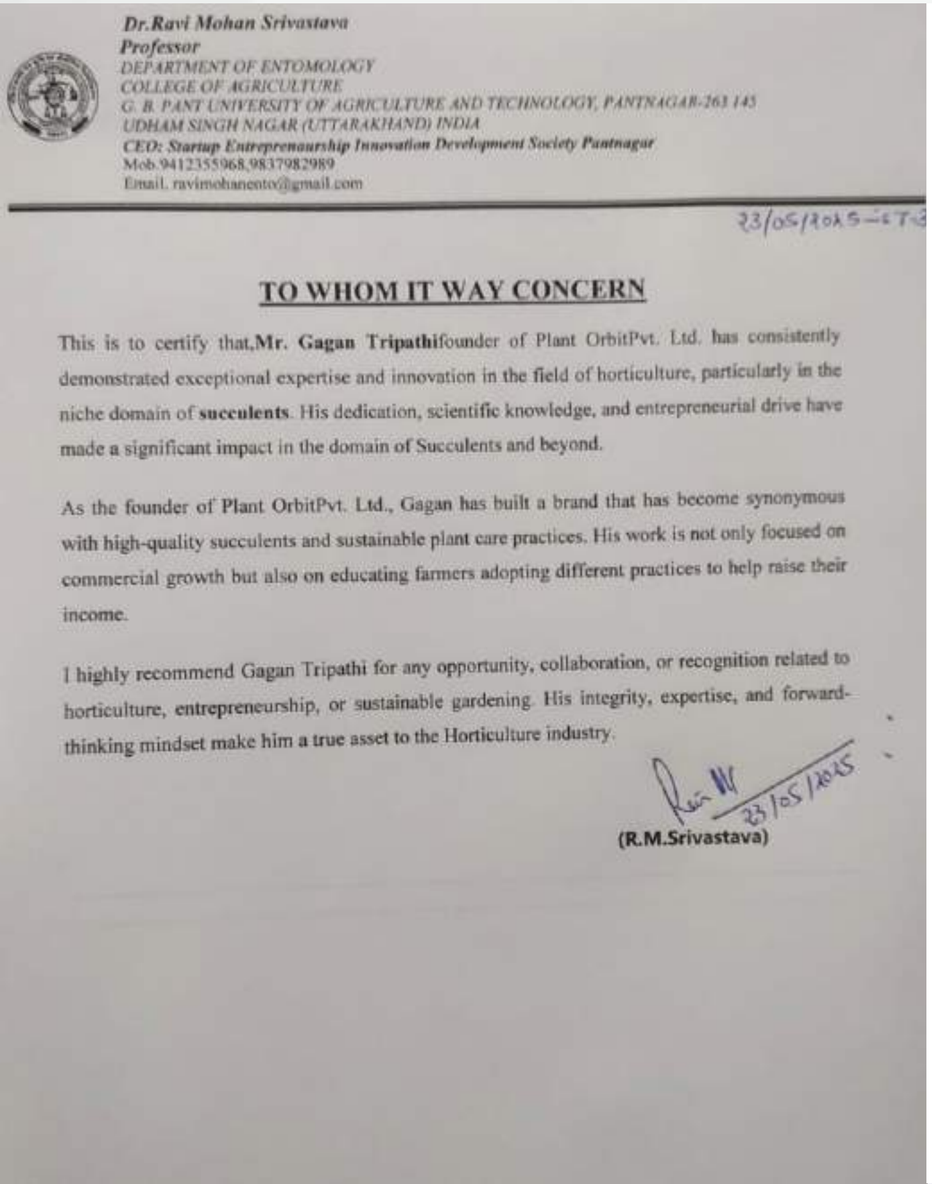
Plant Orbit Krishi Ujala







Recommendation Letters by SAU”s and KVK



Dr.Ravi Mohan Srivastava
Professor
DEPARTMENT OF ENTOMOLOGY
COLLEGE OF AGRICULTURE
G. B. PANT UNIVERSITY OF AGRICULTURE AND TECHNOLOGY, PANTNAGAR-263 145
UDHAM SINGH NAGAR (UTTARAKHAND) INDIA
CEO: Startup Entrepreneurship Innovation Development Society Pantnagar
Mob.9412355968,9837982989
Email. ravimohanento@gmail.com

23/05/2025

TO WHOM IT WAY CONCERN

This is to certify that,**Mr. Gagan Tripathi**founder of Plant OrbitPvt. Ltd. has consistently demonstrated exceptional expertise and innovation in the field of horticulture, particularly in the niche domain of **succulents**. His dedication, scientific knowledge, and entrepreneurial drive have made a significant impact in the domain of Succulents and beyond.

As the founder of Plant OrbitPvt. Ltd., Gagan has built a brand that has become synonymous with high-quality succulents and sustainable plant care practices. His work is not only focused on commercial growth but also on educating farmers adopting different practices to help raise their income.

I highly recommend Gagan Tripathi for any opportunity, collaboration, or recognition related to horticulture, entrepreneurship, or sustainable gardening. His integrity, expertise, and forward-thinking mindset make him a true asset to the Horticulture industry.

23/05/2025

(R.M.Srivastava)



College of Forestry
VCSG Uttarakhand University of Horticulture & Forestry
Ranichauri, Tehri Garhwal-249199, Uttarakhand, INDIA
(A State Agriculture University of Government of Uttarakhand, India)
www.uuhf.ac.in, e.mail- directoracademicsuuhf@gmail.com

From
Dr. Arvind Bijalwan
Professor & Director Academics,
College of Forestry
E.mail- arvindbijalwan276@gmail.com
Voice: +91 9412983808

Dated: 21st May, 2025

LETTER OF RECOMMENDATION

I am delighted to write this letter of recommendation for Mr. Gagan Tripathi, who has been a sincere and dedicated student during his undergraduate degree of B.Sc. (Hons) in Agriculture at College of Forestry, VCSG Uttarakhand University of Horticulture and Forestry, Ranichauri, Uttarakhand, India. I have had the privilege of teaching him and he has consistently astonished us with his academics and startup leadership quality and his achievements throughout his college years.

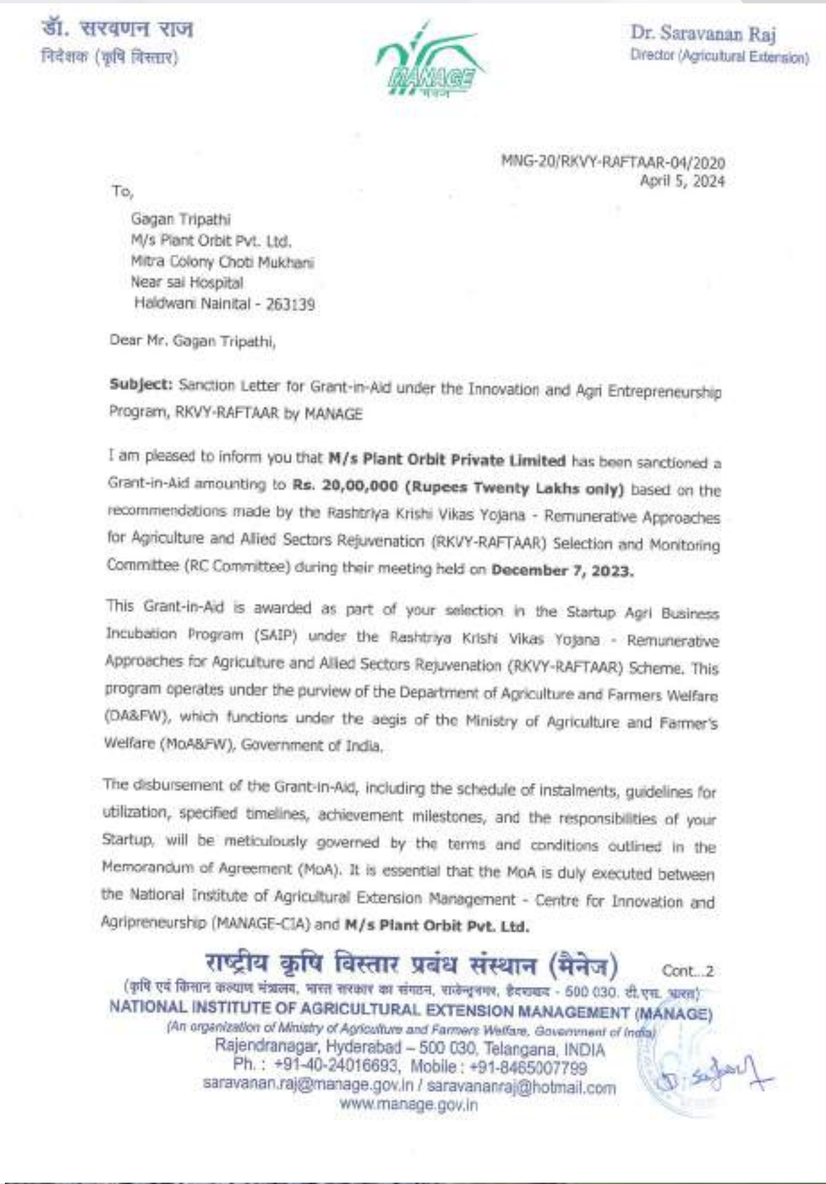
I am happy to share that Mr. Gagan Tripathi is a founder of Plant Orbit Pvt. Ltd., which has consistently demonstrated exceptional expertise and innovation in the field of horticulture, particularly in the niche domain of succulent plants. His dedication, scientific knowledge, and entrepreneurial drive have made a significant impact in the domain of Succulents and beyond.

As the founder of Plant Orbit Pvt. Ltd., Gagan has built a brand that has become synonymous with high-quality succulents and sustainable plant care practices. Being a part of this industry for more than 5 years his work were appreciated by the United Nations Sustainable Development Goals and MANAGE, Hyderabad. The work is not only focused on commercial growth but also on creating awareness for farmers adopting different practices to help raise their income.

I highly recommend Mr Gagan Tripathi for any opportunity, collaboration, or recognition related to horticulture, entrepreneurship, or sustainable gardening. His integrity, expertise, and forward-thinking mindset make him a true asset to the Horticulture industry. If you should need further information, please feel free to reach out at-directoracademicsuuhf@gmail.com / arvindbijalwan276@gmail.com.

With kind Regards,

Dr. Arvind Bijalwan
Professor Agroforestry &
Director Academics



डॉ. सरवणन राज
निदेशक (कृषि विस्तार)

Dr. Saravanan Raj
Director (Agricultural Extension)

MNG-20/RKVY-RAFTAAR-04/2020
April 5, 2024

To,

Gagan Tripathi
M/s Plant Orbit Pvt. Ltd.
Mitra Colony Choti Mukhani
Near sai Hospital
Haldwani Nainital - 263139

Dear Mr. Gagan Tripathi,

Subject: Sanction Letter for Grant-in-Aid under the Innovation and Agri Entrepreneurship Program, RKVY-RAFTAAR by MANAGE

I am pleased to inform you that **M/s Plant Orbit Private Limited** has been sanctioned a Grant-in-Aid amounting to **Rs. 20,00,000 (Rupees Twenty Lakhs only)** based on the recommendations made by the Rashtriya Krishi Vikas Yojana - Remunerative Approaches for Agriculture and Allied Sectors Rejuvenation (RKVY-RAFTAAR) Selection and Monitoring Committee (RC Committee) during their meeting held on **December 7, 2023.**

This Grant-in-Aid is awarded as part of your selection in the Startup Agri Business Incubation Program (SAIP) under the Rashtriya Krishi Vikas Yojana - Remunerative Approaches for Agriculture and Allied Sectors Rejuvenation (RKVY-RAFTAAR) Scheme. This program operates under the purview of the Department of Agriculture and Farmers Welfare (DA&FW), which functions under the aegis of the Ministry of Agriculture and Farmer's Welfare (MoA&FW), Government of India.

The disbursement of the Grant-in-Aid, including the schedule of instalments, guidelines for utilization, specified timelines, achievement milestones, and the responsibilities of your Startup, will be meticulously governed by the terms and conditions outlined in the Memorandum of Agreement (MoA). It is essential that the MoA is duly executed between the National Institute of Agricultural Extension Management - Centre for Innovation and Agripreneurship (MANAGE-CIA) and **M/s Plant Orbit Pvt. Ltd.**

Cont...2

राष्ट्रीय कृषि विस्तार प्रबंध संस्थान (मैनेज)
(कृषि एवं किसान कल्याण मंत्रालय, भारत सरकार का संगठन, राजेन्द्रनगर, हैदराबाद - 500 030, टी.एस. भारत)
NATIONAL INSTITUTE OF AGRICULTURAL EXTENSION MANAGEMENT (MANAGE)
(An organization of Ministry of Agriculture and Farmers Welfare, Government of India)
Rajendranagar, Hyderabad – 500 030, Telangana, INDIA
Ph. : +91-40-24016693, Mobile : +91-8465007799
saravanan.raj@manage.gov.in / saravananraj@hotmail.com
www.manage.gov.in

Educational Courses and Certifications

Plant Orbit Krishi Ujala

1. Bsc. Agriculture : Uttarakhand University of Horticulture and Forestry (2018-2022)
2. Msc. Agriculture Extension and Communication : G.B.P.U.A.T Pantnagar (2022-2024)
3. Ph.D Agriculture Extension and Communication : G.B.P.U.A.T Pantnagar (2024-Till date)

Certifications

1. Detection, Diagnosis & Management of Plant Diseases – **IIT Kanpur & BHU**
2. 1 Year Diploma In Agriculture Extension From **MANAGE, Hyderabad**
3. e-Extension – **IIT Kanpur**
4. Design Thinking for Agricultural Implements – **IIT Kanpur**
5. Employment Generation through Agripreneurship – **IIT Kanpur**

Research Papers and Academic Awards

173 citations on google scholar with h-index of 5 and i10 index of 5

Plant Orbit Krishi Ujala

gagan tripathi - Google Scho

scholar.google.com/citations?user=rkRmTyMAAAAJ&hl=en

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gagan tripathi

FOLLOWING

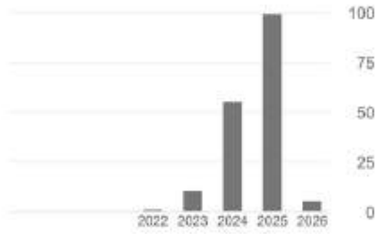
Ph.D. Research Scholar, Department of Agricultural Extension, College of Agriculture, GBPUAT
Verified email at gbpuat-tech.ac.in

COMMUNICATION EXTENSION MEDICINAL PLANTS ORNAMENTAL PLANTS

TITLE	CITED BY	YEAR
A review on nutritional and health benefits of millets G Tripathi, PH Jitendrakumar, A Borah, D Nath, H Das, S Bansal, N Singh, ... International Journal of Plant & Soil Science 35 (19), 1736-1743	57	2023
Impact of digital technologies in agricultural extension NK Singh, NH Sunitha, G Tripathi, DRK Saikanth, A Sharma, AE Jose, ... Asian Journal of Agricultural Extension, Economics & Sociology 41 (9), 963-970	50	2023
The impact of emerging technologies on sustainable agriculture and rural development D Saikanth, M Ragini, G Tripathi, K Rajesh, A Giri, SK Pandey, LK Verma International Journal of Environment and Climate Change 14 (1), 253-263	29	2024
Government agriculture schemes in India: a review G Tripathi, A Dhodia, A Giri, V Rathore, A Verma, A Shukla, LK Verma Asian Journal of Agricultural Extension, Economics & Sociology 41 (11), 58-67	16	2023
The impact of social media on agricultural youth: empowering the next generation in India A Kumar, R Yadav, DRK Saikanth, G Tripathi, A Sharma, M Meinam, ... Asian Journal of Agricultural Extension, Economics & Sociology 41 (10), 260-267	13	2023
A study on perception of students towards use of social media in education AS Kandpal, G Tripathi, V Gupta, S Rawat, S Tripathi Perception 50 (26), 49-05	4	2023
Transforming agriculture through nanotechnology: a comprehensive overview G Tripathi, V Gupta, R Joshi Madras Agricultural Journal 111 (1), 53-58	3	2024
Buckwheat: An Advancing Crop for Future Generations P Ashoka, G Tripathi, N Panotra, P Sachan, P Singh, P Awadhiya, ... International Journal of Plant & Soil Science 35 (22), 569-578	1	2023

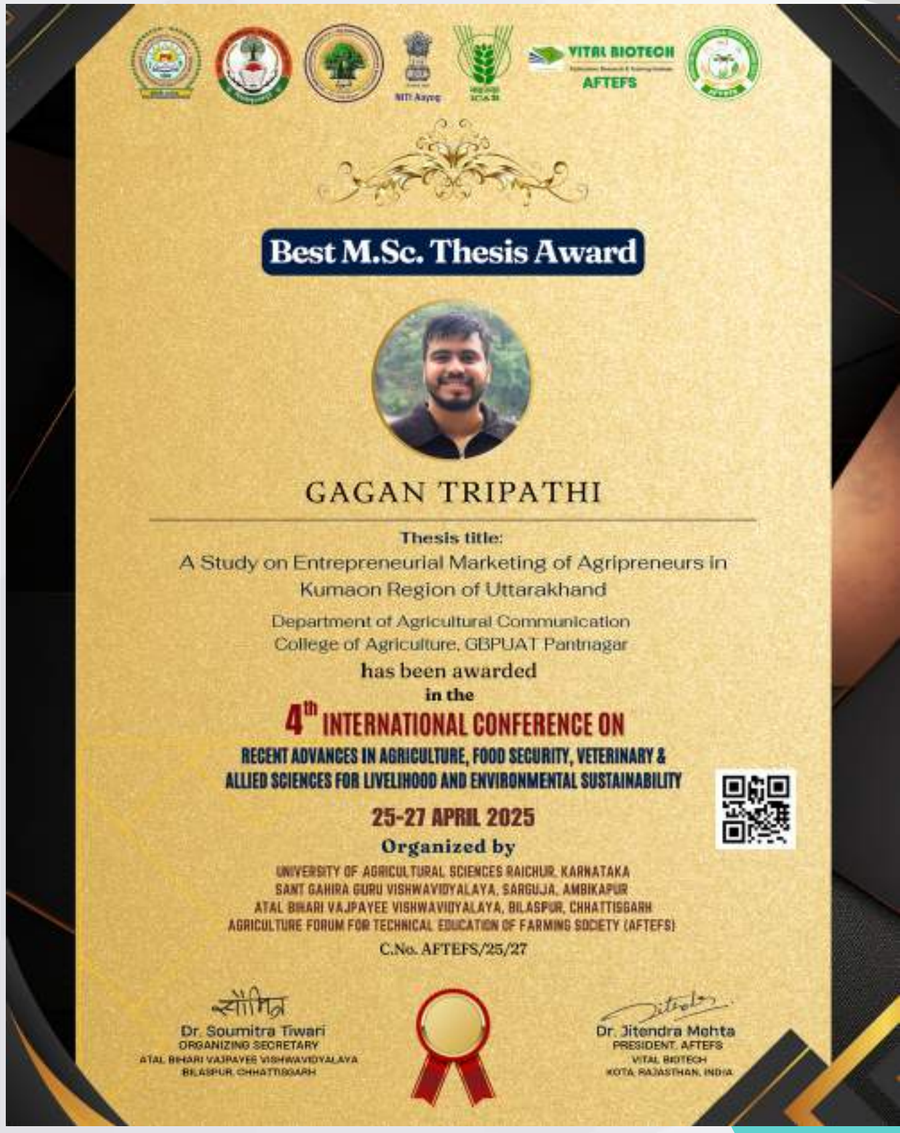
Cited by

	All	Since 2021
Citations	173	172
h-index	5	5
i10-index	5	5



Co-authors EDIT

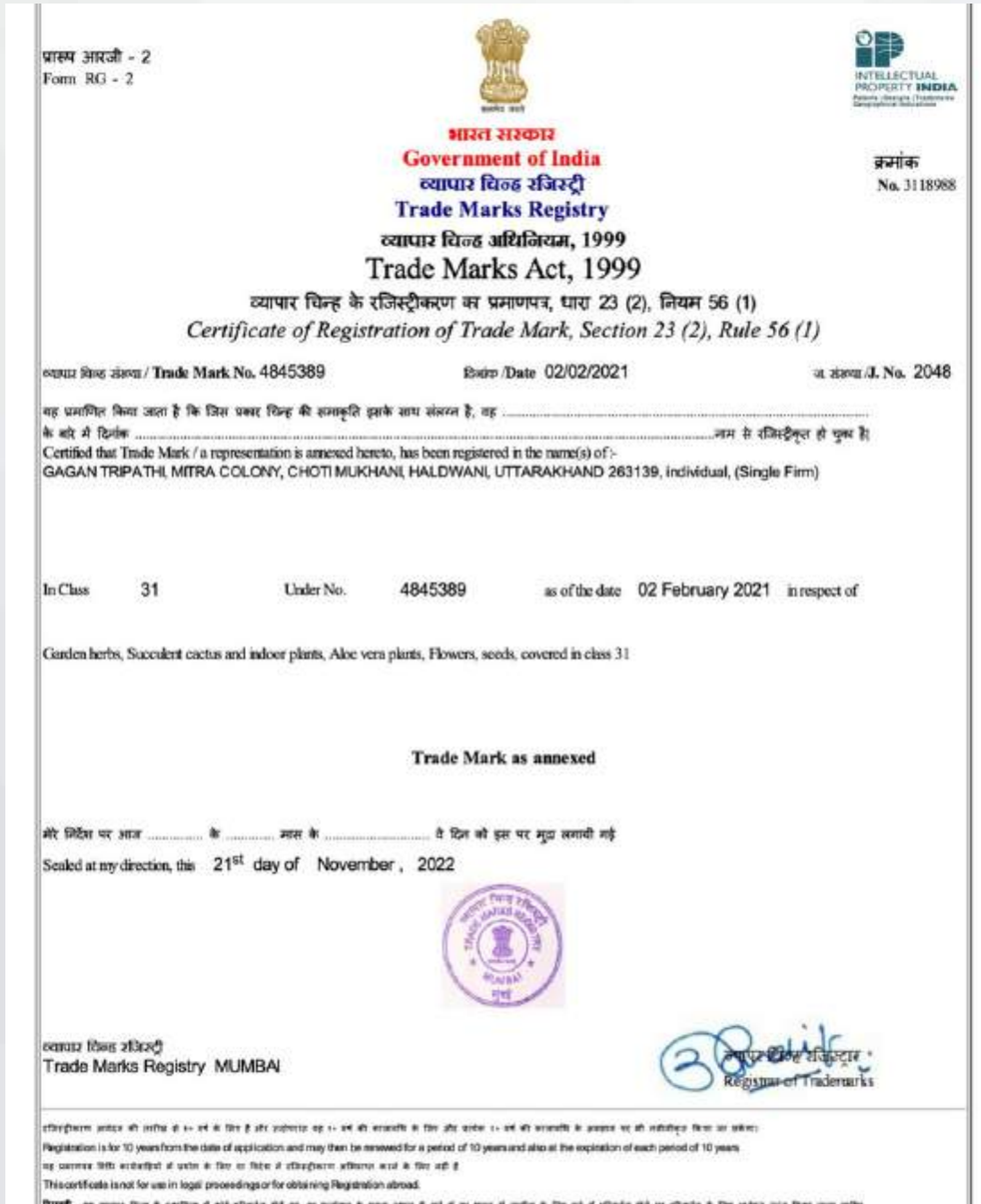
- HIREN DAS, Doctor of Philosophy
- Dibyajyoti Nath, Ph.D. Scholar, Soil Science, Dr. ...
- R A Yadav, Banaras Hindu University



Patents and Trademarks

Plant Orbit

Krishi Ujala



प्रारूप आरजी - 2
Form RG - 2

भारत सरकार
Government of India
व्यापार चिन्ह रजिस्ट्री
Trade Marks Registry
व्यापार चिन्ह अधिनियम, 1999
Trade Marks Act, 1999
व्यापार चिन्ह के रजिस्ट्रीकरण का प्रमाणपत्र, धारा 23 (2), नियम 56 (1)
Certificate of Registration of Trade Mark, Section 23 (2), Rule 56 (1)

क्रमांक
No. 3118988

व्यापार चिन्ह संख्या / **Trade Mark No.** 4845389 दिनांक /**Date** 02/02/2021 जर्नल संख्या /**J. No.** 2048

यह प्रमाणित किया जाता है कि जिस प्रकार चिन्ह की प्रतिकृति इसके साथ संलग्न है, वह .....
के बारे में दिनांक .....नाम से रजिस्ट्रीकृत हो चुका है।
Certified that Trade Mark / a representation is annexed hereto, has been registered in the name(s) of:-
GAGAN TRIPATHI, MITRA COLONY, CHOTI MUKHANI, HALDWANI, UTTARAKHAND 263139, individual, (Single Firm)

In Class 31 Under No. 4845389 as of the date 02 February 2021 in respect of

Garden herbs, Succulent cactus and indoor plants, Aloe vera plants, Flowers, seeds, covered in class 31

Trade Mark as annexed

मेरे निर्देश पर आज ..... के ..... मास के ..... वे दिन को इस पर मुद्रा लगायी गई
Sealed at my direction, this 21st day of November, 2022

व्यापार चिन्ह रजिस्ट्री
Trade Marks Registry MUMBAI

व्यापार चिन्ह रजिस्ट्रार
Registrar of Trademarks

Registration is for 10 years from the date of application and may then be renewed for a period of 10 years and also at the expiration of each period of 10 years
This certificate is not for use in legal proceedings or for obtaining Registration abroad.



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ORIGINAL
क्रम सं/ Serial No. : 216159

पेटेंट कार्यालय, भारत सरकार The Patent Office, Government Of India
डिजाइन के पंजीकरण का प्रमाण पत्र | Certificate of Registration of Design

डिजाइन सं. / Design No. : 469489-001
तारीख / Date : 12/08/2025
पारस्परिकता तारीख / Reciprocity Date* :
देश / Country :

प्रमाणित किया जाता है कि संलग्न प्रति में वर्णित डिजाइन जो *AI BASED DEVICE FOR AGRICULTURAL DISEASE DETECTING* से संबंधित है, का पंजीकरण, श्रेणी 15-03 में 1.Kamilla Priyatham 2. Robinpreet Kour 3.Lokesh Yadav 4.Gagan Tripathi 5.Dr. Y.K. Singh 6.Ankita Kapoor 7.Aastha Sharma 8.Dr. Mohd Ashaq 9.Dr Shafeeq Ahmad Hakeem 10.Dr Shaila Din के नाम में उपर्युक्त संख्या और तारीख में कर लिया गया है।

Certified that the design of which a copy is annexed hereto has been registered as of the number and date given above in class 15-03 in respect of the application of such design to *AI BASED DEVICE FOR AGRICULTURAL DISEASE DETECTING* in the name of 1.Kamilla Priyatham 2. Robinpreet Kour 3.Lokesh Yadav 4.Gagan Tripathi 5.Dr. Y.K. Singh 6.Ankita Kapoor 7.Aastha Sharma 8.Dr. Mohd Ashaq 9.Dr Shafeeq Ahmad Hakeem 10.Dr Shaila Din.

डिजाइन अधिनियम, 2000 तथा डिजाइन नियम, 2001 के अध्यधीन प्रावधानों के अनुसरण में।
In pursuance of and subject to the provisions of the Designs Act, 2000 and the Designs Rules, 2001.

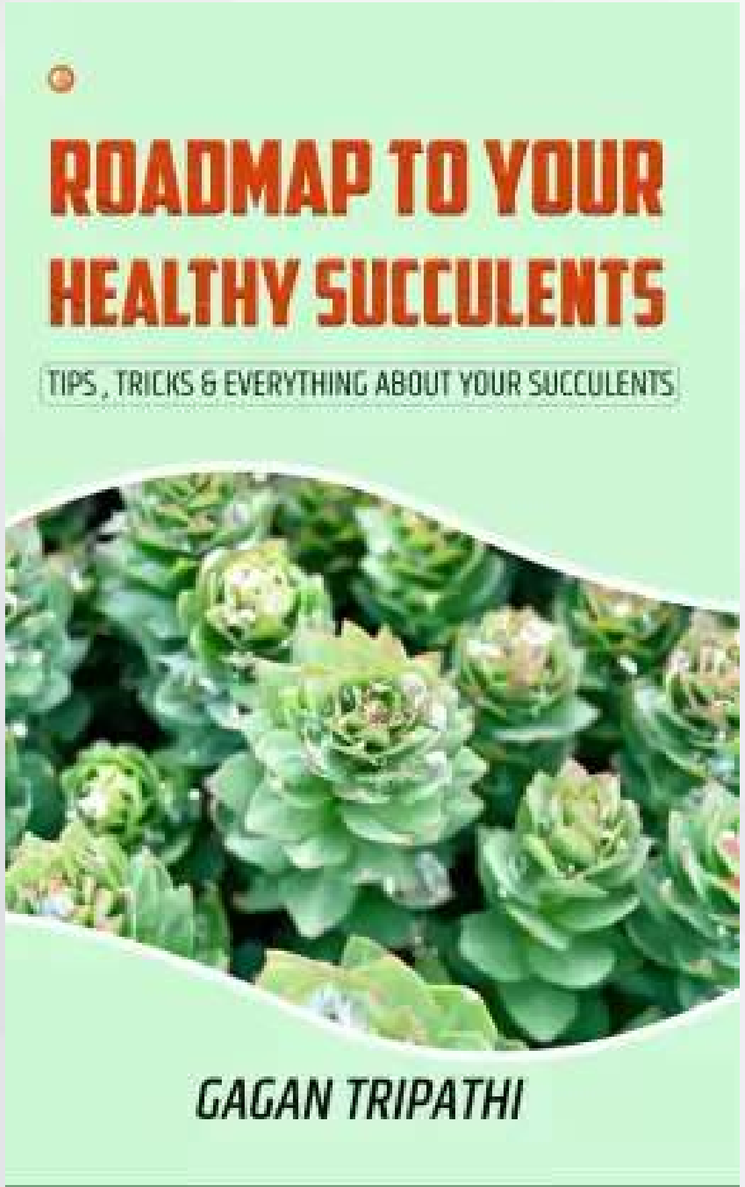
जारी करने की तिथि : 18/12/2025
Date of Issue :

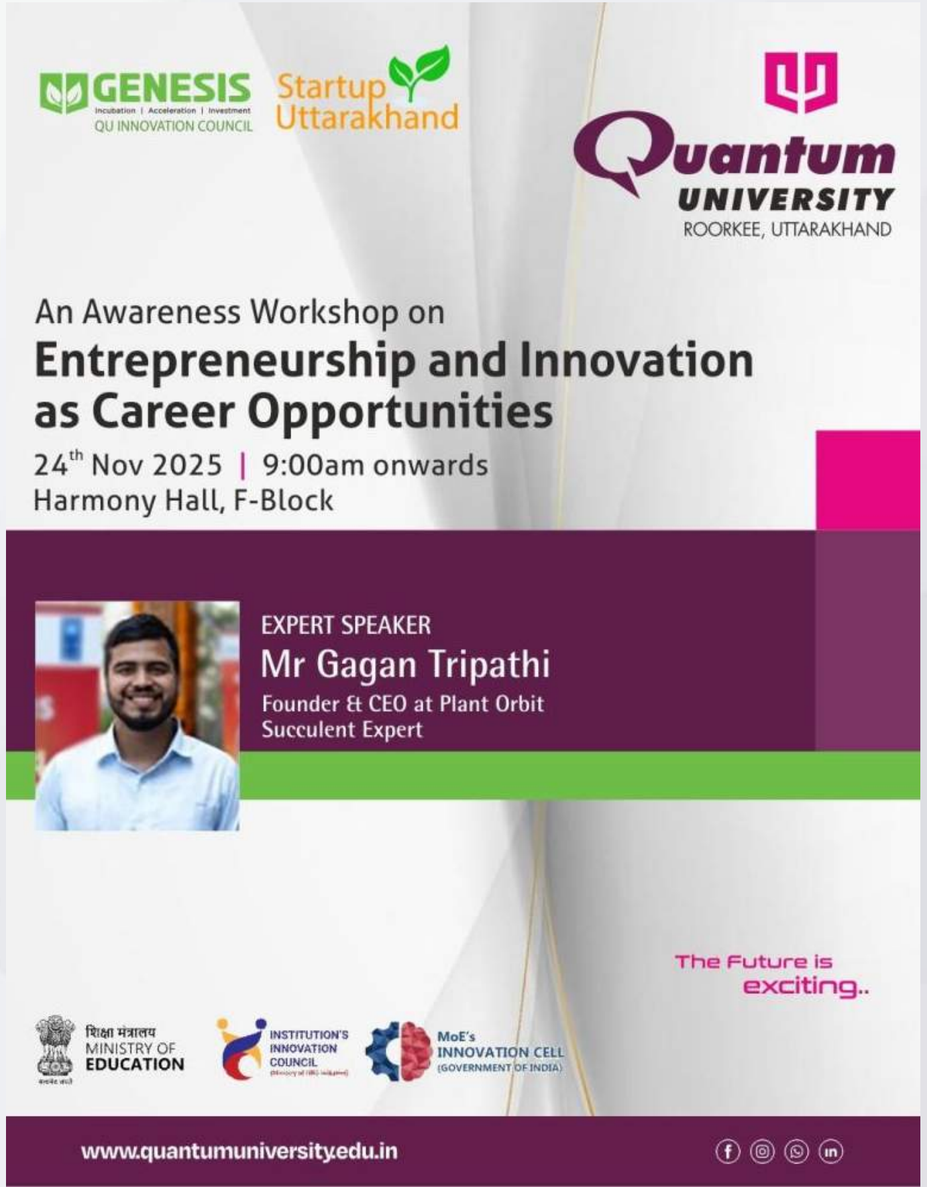
महानियंत्रक पेटेंट, डिजाइन और व्यापार चिह्न
Controller General of Patents, Designs and Trade Marks

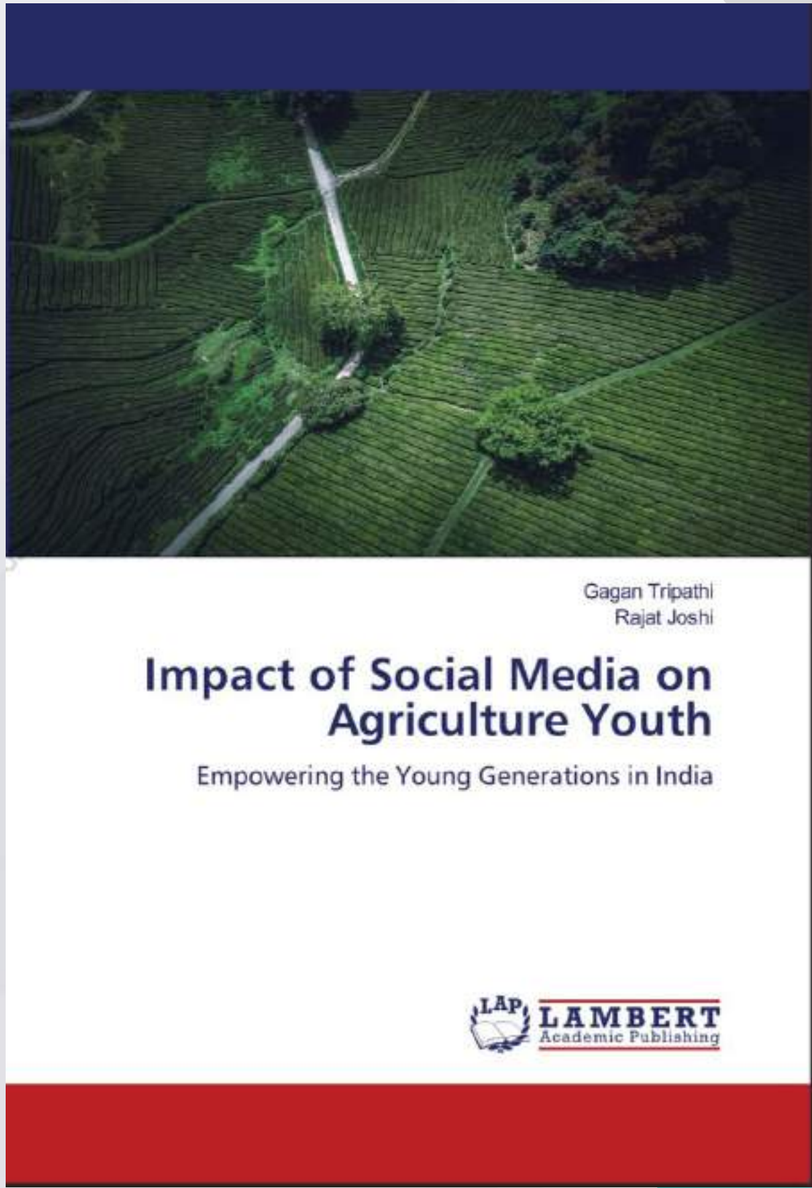
Books and Lectures

Plant Orbit

Krishi Ujala







Grants and scholarships

Plant Orbit Krishi Ujala

डॉ. सरवणन राज
निदेशक (कृषि विस्तार)

Dr. Saravanan Raj
Director (Agricultural Extension)

MNG-20/RKVY-RAFTAAR-04/2020
April 5, 2024

To,

Gagan Tripathi
M/s Plant Orbit Pvt. Ltd.
Mitra Colony Choti Mukhani
Near sai Hospital
Haldwani Nainital - 263139

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Cont...2

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(कृषि एवं किसान कल्याण मंत्रालय, भारत सरकार का संगठन, राजेन्द्रनगर, हैदराबाद - 500 030. ती.एच. भारत)
NATIONAL INSTITUTE OF AGRICULTURAL EXTENSION MANAGEMENT (MANAGE)
(An organization of Ministry of Agriculture and Farmers Welfare, Government of India)
Rajendranagar, Hyderabad – 500 030, Telangana, INDIA
Ph. : +91-40-24016693, Mobile : +91-8465007799
saravanan.raj@manage.gov.in / saravananraj@hotmail.com
www.manage.gov.in



Plant Orbit

Krishi Ujala

Thank You

Building agri-solutions today that empower farmers and protect tomorrow’s ecosystems.



www.plantorbit.com
www.krishiujala.in