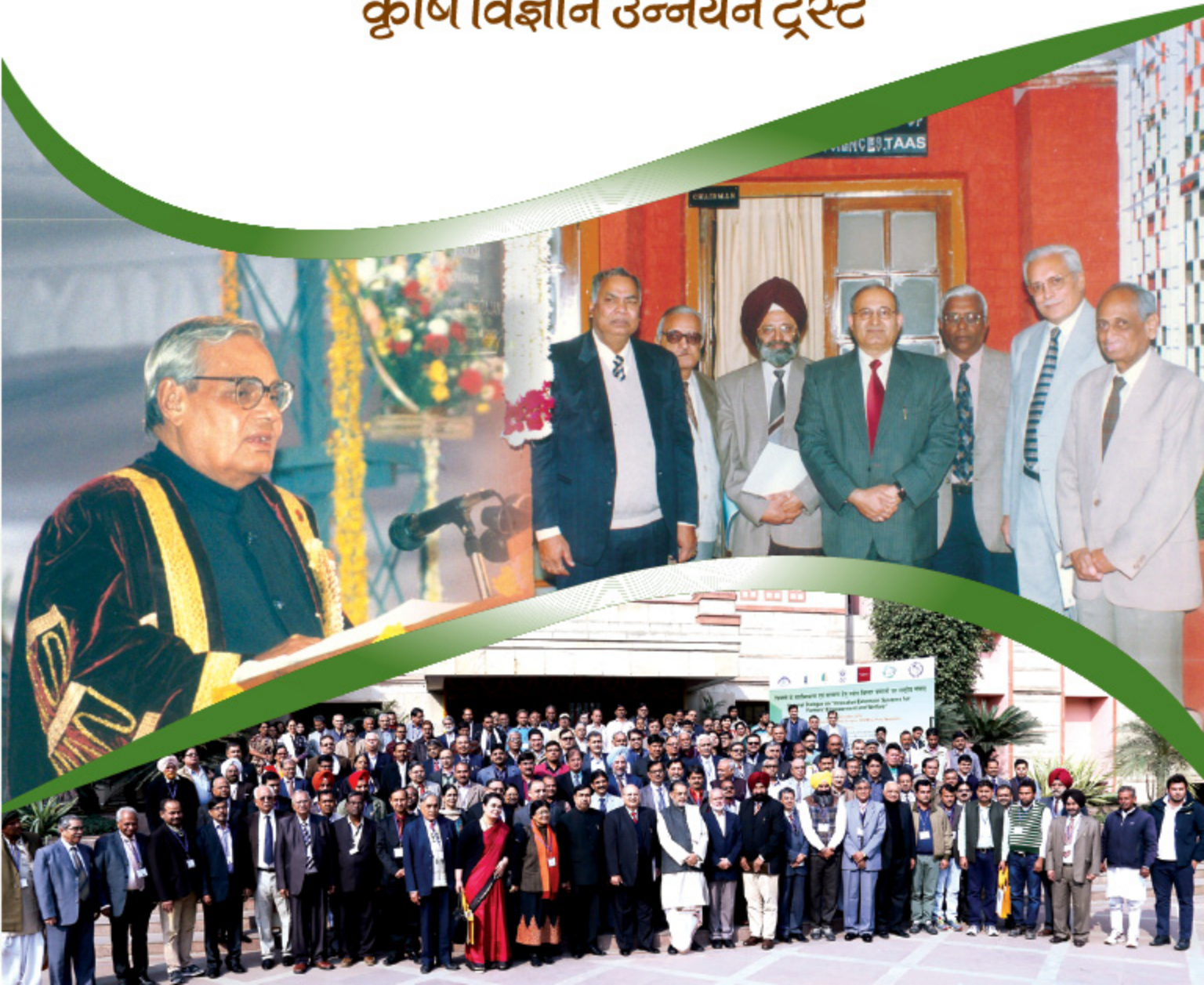




# Trust for Advancement of Agricultural Sciences

कृषि विज्ञान उन्नयन ट्रस्ट



## Genesis, Vision, Mission & Goal

### Genesis

The Trust for Advancement of Agricultural Sciences (TAAS) is an outcome of the 88th Session of Indian Science Congress held under the General Presidentship of Dr RS Paroda at the Indian Agricultural Research Institute (IARI), New Delhi on 3-6 January, 2001. The theme of the Congress was "Food, Nutrition and Environmental Security". During the Congress, former Hon'ble Prime Minister of India, Shri Atal Bihari Vajpayee released the following Vision Statement:

*"By 2020, India will be free of poverty, hunger and malnutrition, and become an environmentally safe country. This, we believe, will be possible to achieve through accelerated social and economic development by harnessing the advances in science, and blending them with our indigenous knowledge, wisdom and unique socio-cultural ethos. We believe India can banish poverty and emerge as a developed nation by promoting growth through efficient and sustainable use of our human, natural and other resources". The Vision Statement concluded stating: "Hunger free India is an idea whose time has come. Let us launch a science-based crusade for elimination of hidden hunger and malnutrition".*

Also, the Prime Minister exhorted the scientists by stating "Our goal to make India a leading nation in the world in the new century hinges critically on how successfully we take science to the people and create a stronger scientific temper in our society".

In response to the above, and considering the fact that the Congress should not be seen as an end in itself and that there is need for a movement for harnessing, in particular, the agricultural science for the welfare of the people, the National Organizing Committee of the Congress decided to form a Trust for Advancement of Agricultural Sciences (TAAS). Accordingly, the Trust was established on 17 October, 2002 with its Headquarters at the Indian Agricultural Research Institute (IARI), New Delhi.

### Vision

India becomes prosperous nation through agricultural science based crusade for elimination of poverty, hunger and malnutrition

### Goal

Harnessing the potential of agricultural science for the welfare of the people

### Mission

Promoting growth and advancement of agriculture through scientific partnerships, policy advocacy and public awareness

### Strategy

The TAAS acts a neutral and vibrant "Think Tank" for strengthening agricultural research and innovation for development (ARI4D). It executes its programs and activities through collaboration and innovative partnerships with other national, regional and international organizations and networks. Its major strategic thrusts are: policy advocacy, technology transfer, information dissemination/ knowledge sharing, human resource development/capacity building.

### Objectives

- To act as a "Think Tank" to deliberate on key issues relating to agricultural research and innovation for development (ARI4D) and influence policy decisions
- To organize workshops, conferences, brainstorming sessions, seminars, policy dialogues and special lectures on emerging issues and new developments in agricultural sciences
- To disseminate knowledge among stakeholders through publication of proceedings, policy papers and success stories
- To confer awards to the scientists of Indian and foreign origin for their outstanding contributions to Indian agriculture
- To facilitate the scientific interactions and partnership building of non-resident Indian agricultural scientists with Indian scientists

### Current Activities

- Organizing Expert Consultations/Brainstorming Sessions/Symposia/Conferences/Workshops/Dialogues/Seminars on important themes
- Bringing out proceedings of the above events
- Publishing Strategy Papers/Policy Briefs/Success Stories
- Organizing Foundation Day Lectures/Special Lectures
- Conferring awards in Agriculture

### Membership

TAAS has a provision of Institutional Membership, Corporate Membership, Life Membership and Reciprocal Membership of scientists, research institutes, universities and private sector organizations/ institutions engaged in agricultural activities. Currently, TAAS has 13 Corporate Members, 18 Institutional Members, 1 Reciprocal Member and 134 Life Members.

## Dr MS Swaminathan Award for Leadership in Agriculture



- Sixth Award was presented to Dr MC Saxena by Dr Balram Jakhar, former Union Minister of Agriculture & HE Governor of Madhya Pradesh on 25th January, 2012.
- Seventh Award was presented to Dr William D Dar by Dr K Kasturirangan, Member, Planning Commission (now NITI Aayog), GoI on 24th June, 2013.
- Eighth Award was presented to Dr Thomas A Lumpkin by Dr MS Swaminathan, Founder Chairman, MSSRF on 28th September, 2015.



- First Award was presented to Nobel laureate, Dr Norman E Borlaug by Hon'ble President of India, Dr APJ Abdul Kalam on 15th March, 2005.
- Second Award was given to Dr Gurdev S Khush by Hon'ble Prime Minister of India Dr Manmohan Singh on 9th October, 2006.
- Third Award was presented to Dr Surinder K Vasal by Prof MGK Menon on 3rd May, 2008.
- Fourth Award was given to Prof Rattan Lal by Dr Montek Singh Ahluwalia, Dy Chairman, Planning Commission (now NITI Aayog) on 11th August, 2009.
- Fifth Award was presented to Dr Sanjay Rajaram by former Hon'ble President of India, Dr APJ Abdul Kalam on 18th December, 2010.

- Ninth Award was presented to Dr Uma Lele by Dr YK Alagh, Former Minister of State for Planning, Science & Technology, GoI on 30th October, 2017.
- Tenth Award was presented to Dr John Dixon by Dr Ismail Serageldin, Former Chairman, CGIAR and Vice-President, World Bank on 13th February, 2019.
- Eleventh Award was presented to Dr Shenggen Fan by Dr K Vijay Raghavan, Former Principal Scientific Adviser to GoI on 30th November, 2021.
- Twelfth Award was presented to Dr Adel El-Beltagy by Dr K Vijay Raghavan, Former Principal Scientific Adviser to GoI on 30th November, 2021
- Thirteenth Award will be conferred on Dr Suri Sehgal sometime during the year 2023.



## *Important TAAS Publications*

A large number of publications/reports have been brought out by TAAS based on various activities organized. The recent publication on Two Decades of TAAS Journey includes various activities and achievements by TAAS for the period of twenty years (2001-2021). Different activities of TAAS including publications are also posted on its website: [www.taas.in](http://www.taas.in). A list of important TAAS publications is given below:

1. Accelerating Science-Led Growth in Agriculture: Two Decades of TAAS, April, 2021.

## *National and International Conferences/Symposia/Consultations, etc.*

2. National Symposium on "Food, Nutrition and Environmental Security - Towards achieving SDGs", 29 - 30 August, 2022.
3. National Dialogue on Innovations in Agricultural Extension: A Way Forward, 8-9 April, 2022.
4. Expert Consultation on Promoting Efficient Irrigation Technologies for Water Saving Across Scales and Sectors, 25 February, 2022.
5. Expert Consultation on Accelerating Export of Seed Spices: Challenges & Opportunities, 22 November, 2021.
6. National Workshop on Bridging the Yield Gaps to Enhance Foodgrain Production: A Way Forward, 26 August, 2021 (December 2021).
7. Brainstorming Session on Regenerative Agriculture for Soil Health, Food and Environmental Security, 26 August, 2021.
8. Stakeholders Dialogue on Enabling Policies for Harnessing the Potential of Genome Editing in Crop Improvement, 17 March, 2021 (June, 2021).
9. A Road Map on Stakeholders Dialogue on Strategies for Safe and Sustainable Weed Management, January, 2021.
10. A Road Map on Stakeholders Dialogue on Current Challenges and Way Forward for Pesticide Management, September, 2020.
11. A Road Map on Stakeholders Dialogue on the Indian Seed Sector, June, 2020.
12. National Dialogue on Land Use for Integrated Livestock Development, 1-2 November, 2019.
13. Access and Benefit Sharing – Striking the Right Balance, October 22, 2016.

## *Policy Briefs/Status Reports/Declarations*

14. Harnessing Genome Editing for Crop Improvement - An Urgency, May, 2021
15. Report on Policies and Action Plan for a Secure and Sustainable Agriculture in Hindi, October, 2021
16. A Road Map on Policy Framework for Increasing Private Sector Investments in Agriculture and Enhancing the Global Competitiveness of Indian Farmers, December, 2019.
17. Policy Brief on Efficient Potassium Management in Indian Agriculture, August 28-29, 2017.

## *Strategy Papers*

18. Towards Secure and Sustainable Agriculture - Dr. R.S. Paroda, August, 2022.
19. Crop Biotechnology for Ensuring Food and Nutritional Security – Dr JL Karihaloo and Dr RS Paroda, December, 2019.
20. Horticulture for Food and Nutritional Security - Dr KL Chadha and Dr VB Patel, October, 2019.
21. Urgency for Scaling Agricultural Innovations to Meet Sustainable Development Goals (SDGs) – Dr RS Paroda, April, 2019.
22. Motivating and Attracting Youth in Agriculture - Dr RS Paroda, November, 2018.
23. Women Empowerment for Agricultural Development - Dr RS Paroda, May, 2018.
24. Strategy for Doubling Farmers' Income - Dr RS Paroda, February, 2018.
25. Livestock Development in India - Dr AK Srivastava, Member, ASRB & Trustee, TAAS, February, 2018.
26. Indian Agriculture for Achieving Sustainable Development Goals - Dr RS Paroda, October, 2017.
27. Retrospect and Prospect of Doubling Maize Production and Farmers' Income – Dr NN Singh, September 10, 2017.

## *Success Stories*

28. Resilience in Dairy Farming – A Success Story, Nikki Pilonia Chaudhary, November 2022.
29. Fish Farming in North India – A Success Story, Sultan Singh, December 2020.
30. Biofertilizers and Biopesticides for Enhancing Crop Production – A Success Story, Dr. Basavaraj Girenavar, June, 2020.

## Board of Trustees

### CHAIRMAN

#### Dr RS Paroda

Former Secretary, DARE and Director General, ICAR, Govt. of India, Avenue-II, IARI Campus, New Delhi-110 012  
 Telefax: +91-11-25843243 (O); +91-8130111237  
 Email: raj.paroda@gmail.com; taasiri@gmail.com

### VICE-CHAIRMAN

#### Dr Gurbachan Singh

Former Chairman, Agricultural Scientists Recruitment Board (ASRB); Presently, Chairman, Gurbachan Singh Foundation for Research Education Development, Beant Villa Building, Adjacent Adarsh Public School Campus, Kunjpara Road, Karnal - 132001, Haryana, India  
 Tel.: +91 9996271170; +91 9991113600  
 Email: dr.gurbachan@gmail.com

### SECRETARY

#### Dr Bhag Mal

Former South Asia Coordinator, Bioversity International and Former Director, IGFRI, Jhansi Avenue-II, IARI, Pusa Campus, New Delhi-110 012  
 Telefax: +91-11-25843243 (O); +91-8130111237  
 Email: bhagmal@gmail.com

### TREASURER

#### Dr JL Karihaloo

Former Director, ICAR-NBPGR; Former Coordinator, Asia-Pacific Consortium on Agricultural Biotechnology (APCoAB), APAARI B-1/15, Agrasen Apartments, Plot 10, Sector 7, Dwarka, New Delhi-110 075  
 Mob.: +91-9818872624  
 Email: jlkarihaloo@gmail.com

### MEMBERS

#### Dr Himanshu Pathak

Secretary (DARE) & DG (ICAR), Ministry of Agriculture & Farmers' Welfare 105 Krishi Bhawan, Dr. Rajendra Prasad Road, New Delhi-110 114  
 Tel.: +91-11-23382629, 23386711 (O);  
 Email: dg.icar@nic.in

#### Dr (Mrs) Rita Sharma

Former Secretary, Dept of Rural Development, Govt. of India  
 1/462 Vardhan Khand, Gomi Nagar Extension, Lucknow - 226 010, Uttar Pradesh  
 Email: ritasharma@gmail.com

#### Dr AK Srivastava

Vice-Chancellor, U.P. Pt. Deen Dayal Upadhyaya Pashu Chikitsa Vigyan Vishwavidyalaya Evam Go-Anusandhan Sansthan (DUVASU) Mathura-281001 (Uttar Pradesh)  
 Tel.: +91-565-2470199 (O)  
 Email: aksrivastava.asrb@gmail.com

#### Mr Raju Barwale

Chairman, Mahyco Hybrid Seeds Co. Ltd.  
 Resham Bhawan, 4th Floor, 78 Veer Nariman Road, Mumbai-400 020, Maharashtra  
 Tel.: +91-22-67573007 (O)  
 Email: raju.barwale@mahyco.com

#### Dr AK Singh

Director, ICAR-Indian Agricultural Research Institute Pusa Campus, New Delhi-110 012  
 Tel.: +91-11-25843375; +91-11-25733367  
 Email: director@iari.res.in

## Corporate Members

#### National Dairy Development Board

Anand-388 001, Gujarat  
 Tel.: +91-2692-260148/149,  
 Email: anand@nddb.coop

#### Rasi Seeds (P) Ltd.

273, Kamarajar Road, P.O. Box No: 30, Attur-636 102, Salem District, Tamilnadu  
 Tel.: +91-4282-241007, 242007  
 Email: rasimail@rasiseeds.com; ramasami@rasi.in

#### National Seed Association of India

909, Surya Kiran Building, Kasturba Gandhi Marg, New Delhi - 110 001  
 Tel.: +91-11-43533241-47  
 Email: rk.trivedi@nsai.co.in

#### Bayer CropScience Ltd.

PS 14 & 15, Coworks India Pvt. Ltd., Worldmark-1, Tower A, Aerocity Hospitality District, New Delhi - 110 037  
 Tel.: +91-11-49296766; Mob.: +91-9910472728  
 Email: rajvir.rathi@bayer.com

#### Nuziveedu Seeds Pvt. Ltd.

NSL ICON, 4th Floor, #8-2-684/2/A, Road No. 12, Banjara Hills, Hyderabad-500 034, Telangana  
 Tel.: +91-40-30514444  
 Email: mpermd@nslindia.com

#### Sehgal Foundation

Plot No. 34, Sector-44, Institutional Area, Gurgaon-122 003, Haryana  
 Tel.: +91-124-4744100  
 Email: smsf@smsfoundation.org

#### Bioseed Research India

Plot No 234, B Block, Kavuri Hills, Phase II, Hyderabad-500 033, Telangana  
 Tel.: +91 40 67066666, 67066604  
 Email: paresh.verma@bioseed.com

#### Emeritus PI Industries Ltd.

5th floor, Vipul Square, B Block, Sushant Lok, Phase-1, Gurgaon-122 009, Haryana  
 Tel.: +91-124-6790200, +91-124-6790000  
 Email: sis@piind.com

#### Maharashtra Hybrid Seeds Co. Ltd.

Resham Bhawan, 4th Floor, Road, 78, Veer Nariman Road, Mumbai - 400 020, Maharashtra  
 Tel.: +91-22-67573007 (O)  
 Email: raju.barwale@mahyco.com

#### Semillas Fito India Pvt. Ltd.

MM Complex, 971/29, 2nd Floor, A Sector, 15th A Cross, Yelahanka, New Town, Bengaluru - 560 064, Karnataka  
 Tel.: +91-80-40903852/9655  
 Email: fito.india@semillasfito.com

#### Federation of Seed Industry of India (FSII)

10A, 10th Floor, Vandhana Building 11 Tolstoy Marg, New Delhi-110 001  
 Tel.: 011- 23731127; +91-9000474719  
 Email: ram@kaundinya.in

#### Sumitomo Chemical India Ltd

13/14, Aradhana Industrial Development Corp., Near Virwani Industrial Estate, Goregaon (East), Mumbai-400 063, Maharashtra  
 Phone: + 91-22-42522200  
 Email: anil.lakkar@sumichem.co.in



**Kaira District Co-operative Milk Producers' Union Limited**

Amul Dairy, Anand - 388001, Gujarat, India  
Tel.: +91-2692-240225  
Email: amuldairy@amuldairy.com

**Institutional Members**

**University of Agricultural Sciences**

Yeltingudda Campus, Krishinagar,  
Dharwad-580 005, Karnataka  
Tel.: +91-836-2447783  
Email: vc@uasd.in

**Bioversity International (Erstwhile IPGRI)**

G1-B Block, NASC Complex, DPS Marg  
Pusa Campus, New Delhi-110 012  
Tel.: +91-11-25849000; Email: j.nasa@cgiar.org

**Professor Jayashankar Telangana State Agricultural University**

Admn. Office, Rajendranagar-500 030,  
Hyderabad, Telangana  
Tel.: +91-40-24015122; Email: vc@jstau@gmail.com

**Chaudhary Charan Singh Haryana Agricultural University**

Hisar - 132 001, Haryana  
Tel.: +91-1662-231238/231640; Email: vc@hau.ernet.in

**International Crops Research Institute for the Semi-Arid Tropics (ICRISAT)**

NASC Complex, New Delhi - 110 012  
Tel.: +91-11-25840294  
Email: s.agarwal@cgiar.org

**International Maize and Wheat Improvement Center (CIMMYT)**

NASC Complex, DPS Marg, New Delhi - 110012  
Tel.: +91-11-25842940; Email: a.k.joshi@cimmyt.org

**Rajasthan University of Veterinary & Animal Sciences**

Bijay Bhawan Palace Complex, Nr Pt Deen Dayal Circle,  
Bikaner-334 001, Rajasthan  
Tel.: +91-151-2543419; Email: vc@rjuvas@gmail.com

**Sam Higginbottom Institute of Agriculture, Technology and Sciences**

P.O. Agric. Inst., Allahabad-211 007, Uttar Pradesh  
Tel.: +91-532-2684290  
Email: vicechancellor@shiats.edu.in

**Maharana Pratap University of Agriculture & Technology**

Udaipur-313 001, Rajasthan  
Tel.: +91-294-24711010  
Email: vc@mpuat.ac.in, vc\_mpuat@yahoo.co.in

**International Center for Agricultural Research in the Dry Areas South Asia (ICARDA)**

NASC Complex, DPS Marg, New Delhi - 110 012  
Tel.: +91-25847500/7505; Email: sk.agrawal@cgiar.org

**Sardar Vallabhbhai Patel University of Agriculture & Technology**

Meerut-250 110, UP  
Phone: +91-121-2888522  
Email: vc2016svpuaat@gmail.com

**U.P. Pt. Deen Dayal Upadhyaya Pashu Chikitsa Vigyan Vishwavidyalaya Evam Go-Anusandhan Sansthan (DUVASU)**

Mathura-281001 (Uttar Pradesh)  
Tel.: +91-565-2470199 (O); Email: duvasuvc@gmail.com

**Central Agricultural University**

P.B. No. 23, Lamphel,  
P.O. Imphal-795 004, Manipur  
Tel.: +91-385-2415933  
Email: vc@cofficeau@yahoo.in

**Birsa Agricultural University**

Ranchi-834 006, Jharkhand  
Tel.: +91-651-2450500  
Email: vc@bauranchi.org

**Bihar Animal Sciences University**

Veterinary College Campus,  
Patna-800 014, Bihar  
Tel.: +91-612-2222221; Email: vc-basu-bih@gov.in

**International Food Policy Research Institute (IFPRI)**

NASC Complex, DPS Marg, New Delhi-110012  
Tel.: +91-11- 66166565; Email: srashid@cgiar.org

**Agriculture Skill Council of India**

GNG Building, Plot No.10, Sector 44,  
Gurgaon - 122004, Haryana  
Tel.: +91-124-4670029 / 4814659/73  
Email: ceo@asci-india.co

**Guru Angad Dev Veterinary And Animal Sciences University**

Ferozpur Road, Ludhiana - 141 004, Punjab  
Tel.: +91- 161-2553320; Email: vc@gdvau@gmail.com

**Reciprocal Member**

**Asia-Pacific Association of Agricultural Research Institutions (APAARI)**

182 Larn Luang Road, Bangkok, Thailand 10100  
Tel.: +66 80-8499985; Email: ravi.khetarpal@apaari.org

**Life Members**

**One hundred thirty four Eminent Scientists as Life Members (till 15 February, 2023)**

*The names of life members can be seen on TAAS website: www.taas.in*



*Progress Through Science*

**TRUST FOR ADVANCEMENT OF AGRICULTURAL SCIENCES (TAAS)**

Avenue-II, Indian Agricultural Research Institute (IARI) Campus, New Delhi - 110 012, India

Phone: +91-11-25843243; +91-8130111237

E-mail: taasiari@gmail.com; Website: www.taas.in