ANNUAL REPORT 2020-21



INDIAN AGRICULTURAL UNIVERSITIES ASSOCIATION

G-5, Office Block-A, N.A.S.C. Complex Dev Prakash Shastri Marg, Pusa Campus New Delhi - 110012

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Guidance: Executive Committee Indian Agricultural University Association

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Correct Citation:

Annual Report 2020-21. Indian Agricultural University Association New Delhi-110012, pp-24.

Published by:

Indian Agricultural University Association

G-5, Block-A, NASC Complex, DPS Marg, Pusa Campus, New Delhi-110012, India Telephone: 011-21520075, 011-25842422 Website: www.iauaindia.org

Printed by:

Venus Printers and Publishers New Delhi-110028. Phone: 98100 89097

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INTRODUCTION

Indian Agricultural Universities Association (IAUA) was established on 10 November, 1967 (Registration no. 3498). There were only 9 founder member agricultural universities; and their Vice Chancellors were: founder president Dr P.N. Thapar, VC, PAU, Chandigarh (now Ludhiana); and members Shri V. Pulla Reddy, VC, APAU (now ANGRAU), Guntur; Dr J.S. Patel, VC, JNKVV, Jabalpur; Dr D.P. Singh, VC, UPAU (now GBPUAT), Pantnagar; Dr K.C. Nair, VC, UAS, Bengaluru; Dr S.N. Das Gupta, VC, KU, Kalyani (now BCKV, Mohanpur); Dr K. Ramaiya, VC, OUAT, Bhubaneswar; Dr G.S. Mahajani, VC, UU (now MPUAT), Udaipur; and Dr M.S. Swaminathan, Director, IARI, New Delhi.

Presently, the IAUA has 70 member universities, viz; 62 SAUs, 4 DUs (IARI, New Delhi; IVRI, Izatnagar; NDRI, Karnal; and CIFE, Mumbai), and 4 CAUs (CAU, Imphal; BHU, Varanasi; Dr RPCAU, Pusa, and RLBCAU, Jhansi). On specialization, there are 44 Agricultural, 6 Horticultural; 17 Veterinary and Animal, and 3 Fishery Science Universities.

State-wise bifurcation of universities is as: Andhra Pradesh, 3; Assam, 1; Bihar, 3; Chhattisgarh, 2; Delhi, 1; Gujarat, 5; Haryana, 3; Himachal Pradesh, 2; Jammu & Kashmir, 2; Jharkhand, 1; Karnataka, 6; Kerala, 3; Madhya Pradesh, 3; Maharashtra, 6; Manipur, 1; Odisha, 1; Punjab, 2; Rajasthan, 5; Tamil Nadu, 3; Telangana, 3; Uttarakhand, 2; Uttar Pradesh, 9; and West Bengal, 3.

Since its establishment in 1967, the IAUA have organized 75 events like Vice Chancellor's conventions (44), National Symposium (13), Brain Storming Sessions (10), and Regional Meetings (8). Recommendations emerged out of these events played important role in shaping the research and education at member institutions.

The main objective of the Association is to promote agricultural research, education and extension in the universities. It also acts as a bureau of information to facilitate communication, coordination and mutual consultation among agricultural universities. The Association also acts as a liaison between member universities and concerning government departments to facilitate communication and expedite the needed action in matters of importance.

All the SAUs and institutions (deemed-to-be universities and Central Agricultural Universities) in India, which provide an integrated programme of teaching, research and extension education in agricultural sciences, are qualified to become regular members of the Association.

The Vice Chancellors of member universities constitute the Association's General Body. The General Body meets once a year to decide the agenda for the next convention and other events and also to adopt the audited accounts of the year besides approval of the budget estimates for the next financial year and the election of the Executive Committee (EC) for the following calendar year. The EC of the Association consists of *President, Vice-President, Secretary-General, Treasurer and three members.* The Executive Committee meets quarterly.

The office of the Association is operated by the *Executive Secretary* who implements the decisions of General Body and Executive Committee on behalf of the Association. A quarterly Newsletter is also being published by the Association since 2000, giving important news, events and achievements by member universities for the information of all the members and other interested stakeholders. An *Annual Report* is published, documenting all the main activities of the year. *Telephone directory and monthly planner* (all contact details of VCs and other main concerning officials) is also printed and circulated during beginning of each year to all the VCs of member universities and other stakeholders.

The information on events and proceedings are published through the host universities, and the recommendations are also uploaded on website (www.iauaindia.org) and circulated to all the VCs of member universities and other main stakeholders.

The main source of revenue of the Association is the annual subscription from member universities. The DARE also provides a nominal grant annually.

MANAGEMENT

Executive Committee

The Executive Committee of the Association takes decisions in its quarterly meetings, regarding its day-to-day functioning. Its directions on activities, events and policy matters are referred to the General Body for final approval and ratification. The composition of the Executive Committee during the year 2020 was as follows:

EXECUTIVE COMMITTEE

President:	Dr B.S. Dhillon, VC, PAU, Ludhiana	10-10-2019 to 31-12-2020
Vice President:	Dr S.K. Patil, VC, IGKV, Raipur	01-01-2020 to 31-12-2020
Secretary General:	Dr R.K. Singh, VC, IVRI, Izatnagar	01-01-2020 to 31-07-2020
	Dr M. Premjit Singh, VC, CAU, Imphal	07-08-2020 to 26.09.2020
	Dr Nazeer Ahmed, VC, SKUAST(K), Srinagar	05-10-2020 to 22-10-2020
	Dr R.C. Srivastava, VC, Dr RPCAU, Pusa	23-10-2020 to continuing
Treasurer:	Dr M. Premjit Singh, VC, CAU, Imphal	01-01-2020 to 31-07-2020
	Dr Nazeer Ahmed, VC, SKUAST(K), Srinagar	07-08-2020 to 31-08-2020
	Dr K.P. Vishwanatha, VC, MPKV, Rahuri	01-09-2020 to 03-11-2020
	Dr C. Chattopadhyay, VC, UBKV, Coochbehar	04-11-2020 to 31-12-2020
Members:	Dr Nazeer Ahmed, VC, SKUAST(K), Srinagar	01-01-2020 to 31-07-2020
	Dr K.P. Vishwanatha, VC, MPKV, Rahuri	01-01-2020 to 31-08-2020
	Dr Ajoy Kumar Singh, VC, BAU, Sabour	01-01-2020 to 31-12-2020
	Dr R.C. Srivastava, VC, Dr RPCAU, Pusa	05-08-2020 to 22-10-2020
	Dr C. Chattopadhyay, VC, UBKV, Coochbehar	28-09-2020 to 03-11-2020

Special Invitee from ICAR:

Dr R.C. Agarwal, DDG (Edn), ICAR 01-01-2020 to continuing

During the year 2020-21, **four** Quarterly Executive Committee meetings were held, viz. **No. 1** of 2020 on **15 June, 2020** through virtually; **No. 2** of 2020 on **24 August, 2020** through virtually; **No. 3** of 2020 on **23 September, 2020** through virtually; and **No. 4** of 2020 on **19 December, 2020** through virtually.

GENERAL BODY

In the year 2020, two General Body Meetings (GBMs) were held on 18 October, 2020 and 29 December, 2020, on virtual mode. The agenda items discussed in these GBMs were:

18 October, 2020:

- 1. Confirmation of the proceedings of General Body Meeting held on 12 December, 2019 at Indira Gandhi Krishi Vishwavidyalaya, Raipur.
- 2. Action taken Report on the resolutions of the General Body Meeting of 2019.
- 3. Recommendations of the VCs Convention- held at IGKV, Raipur on "Rethinking undergraduate agricultural education in SAUs for making the undergraduate education sustainable".
- 4. Formation of Common Score Card for CAS of Assistant Professor, Associate Professor and Professors in SAUs.
- 5. Reduction in number of positions/downgrading of the positions in various AICRPs in SAUs.
- 6. Inclusion of VCs of SAUs who are members of the Governing Body of ICAR, as special invitees in EC of IAUA.
- 7. Starting the IAUA Network on Nanotechnology.
- 8. Ranking of AUs by ICAR.
- 9. NAAS-ICAR Awards/NAAS fellowships won by AUs, VUs and other Institutions.
- 10. National Education Policy and AUs.
- 11. Credit to SAUs for patents received through collaborative research with ICAR.
- 12. Financial Management and proposed Financial Expenditure for the year 2021-22.
- 13. Adoption of Association's audited accounts for the year 2019-20.
- 14. Proposed Executive Committee of IAUA (Election of the new Executive Committee for the year 2021; with effect from 1 January to 31 December, 2021).
- 15. Contractual engagement of Executive Secretary.

29 December, 2020 (Special GBM):

1. Discuss and finalize the qualifications, tenure and emoluments of Executive Secretary of IAUA.

New Executive Committee

The following members were elected:

- 1. Dr S.K. Patil, VC, IGKV, Raipur
- 2. Dr R.K. Mittal, VC, SVPUAT, Meerut
- 3. Dr R.C. Srivastava, VC, Dr RPCAU, Pusa
- : President
- : Vice President
- : Secretary General



Dr S.K. Patil



Dr V. Praveen Rao



Dr R.K. Mittal



Dr R.C. Srivastava



Dr Arvind Kumar



Dr Gopal Krishna



Dr Parvinder Kaushal

4.	Dr V. Praveen Rao, VC, PJTSAU, Hyderabad	:	Treasurer
5.	Dr Arvind Kumar, VC, RLBCAU, Jhansi	:	Member
6.	Dr Gopal Krishna, VC, CIFE, Mumbai	:	Member
7.	Dr Parvinder Kaushal, VC, YSPUHF, Solan	:	Member

INTERNATIONAL LINKAGES & COLLABORATIONS

The IAUA expanded and maintained its linkages with international sister associations and other international organizations in India and abroad, like:

- Asian Pacific Association of Agricultural Research Institute (APAARI), Bangkok
- Asian Association of Agricultural College and Universities (AAACU), Manila
- International Livestock Research Institute (ILRI), CG Centers, NASC, New Delhi
- University of the Philippines, Los Banos College, New Laguna, Philippines
- International Association of Universities (IAU), UNESCO House, France
- Global Consortium of Higher Education and Research for Agriculture (GCHERA), France
- Kazakh National Agrarian University, Kazakhstan, Republic of Kazakhstan
- The Regional Universities Forum for Capacity Building in Agriculture (RUFORUM), Uganda
- National Chung Hsing University, Taichung, Taiwan
- National University of life and Environmental Sciences of NUL&ES, Ukraine
- Association of Public and Land Grant Universities (APLU), the USA
- Florida Agricultural and Mechanical University (FAMU), the USA

This will facilitate global exchange of views and knowledge in the field of agricultural research, extension and education.

IAUA MEMBER AGRICULTURAL UNIVERSITIES

State Agricultural Universities: 40

- 1. Acharya Narendra Deva University of Agriculture & Technology, Kumarganj, Ayodhya 224229 (U.P.)
- 2. Acharya N.G. Ranga Agricultural University, LAM, Guntur 522034 (A.P.)
- 3. Agricultural University, Kota 324001 (Rajasthan)
- 4. Anand Agricultural University, Anand 388110 (Gujarat)
- 5. Assam Agricultural University, Jorhat 785013 (Assam)
- 6. Banda University of Agriculture & Technology, Banda 210001 (U.P.)
- 7. Bidhan Chandra Krishi Vishwavidyalaya, Mohanpur (Dist. Nadia) 741252 (W.B.)
- 8. Bihar Agricultural University, Sabour 813210 (Bihar)
- 9. Birsa Agricultural University, Ranchi 834006 (Jharkhand)
- 10. CCS Haryana Agricultural University, Hisar 125004 (Haryana)
- 11. Ch. Sarwan Kumar H.P. Krishi Vishwavidyalaya, Palampur 176062 (H.P.)
- 12. C.S. Azad University of Agricultural & Technology, Kanpur 208002 (U.P.)
- 13. Dr Balasaheb Sawant Konkan Krishi Vidyapeeth, Dapoli 415712 (Maharashtra)
- 14. Dr Panjabrao Deshmukh Krishi Vidyapeeth, Akola 444104 (Maharashtra)
- 15. Govind Ballabh Pant University of Agriculture & Technology, Pantnagar 263145 (Uttarakhand)

- 16. Indira Gandhi Krishi Vishwa Vidyalaya, Raipur 492012 (Chhattisgarh)
- 17. Jawaharlal Nehru Krishi Vishwavidyalaya, Jabalpur 482004 (M.P.)
- 18. Junagadh Agricultural University, Junagadh 362001 (Gujarat)
- 19. Kamdhenu University, Gandhinagar 382010 (Gujarat)
- 20. Kerala Agricultural University, Thrissur 680656 (Kerala)
- 21. Maharana Pratap University of Agriculture & Technology, Udaipur 313001 (Rajasthan)
- 22. Mahatma Phule Krishi Vidyapeeth, Rahuri 413722 (Maharashtra)
- 23. Navsari Agricultural University, Navsari 396450 (Gujarat)
- 24. Odisha University of Agriculture & Technology, Bhubaneswar 751003 (Odisha)
- 25. Professor Jaya Shankar Telangana State Agricultural University, Rajendranagar 500030 (Hyderabad)
- 26. Punjab Agricultural University, Ludhiana 141004 (Punjab)
- 27. Rajmata Vijyaraje Scindia Krishi Vishwa Vidyalaya, Gwalior 474002 (M.P.)
- 28. Sam Higginbottom University of Agriculture, Technology & Sciences, Prayagraj 211007 (U.P.)
- 29. Sardarkrushinagar Dantiwada Agricultural University, Sardarkrushinagar 385506 (Gujarat)
- 30. Sardar Vallabhbhai Patel University of Agriculture & Technology, Meerut 250110 (U.P.)
- 31. Sher-e-Kashmir University of Agricultural Sciences & Technology, Jammu 180009 (J&K)
- 32. Sher-e-Kashmir University of Agricultural Sciences & Technology of Kashmir, Srinagar 190025 (J&K)
- 33. Sri Karan Narendra Agricultural University, Jaipur 303329 (Rajasthan)
- 34. Swami Keshwanand Rajasthan Agricultural University, Bikaner 334006 (Rajasthan)
- 35. Tamil Nadu Agricultural University, Coimbatore 641003 (T.N.)
- 36. University of Agricultural Sciences, Bangalore 560065 (Karnataka)
- 37. University of Agricultural Sciences, Dharwad 580005 (Karnataka)
- 38. University of Agricultural Sciences, Raichur 584104 (Karnataka)
- 39. Uttar Banga Krishi Vishwavidyalaya, Coochbehar 736165 (W.B.)
- 40. Vasantrao Naik Marathawada Krishi Vidyapeeth, Basmat Road, Parbhani 431402 (Maharashtra)

Central Agricultural Universities: 4

- 41. Banaras Hindu University, Varanasi 221005 (U.P.)
- 42. Central Agricultural University, Imphal 795004 (Manipur)
- 43. Dr Rajendra Prasad Central Agricultural University, Pusa 848125 (Bihar)
- 44. Rani Lakshmi Bai Central Agricultural University, Jhansi 284003 (U.P.)

State Horticultural Universities: 6

- 45. Dr Y.S. Parmar University of Horticulture & Forestry, Nauni 173230 (H.P)
- 46. Dr Y.S.R. Horticultural University, Venkataramannagudem 534101 (A.P.)
- 47. Sri Konda Laxman Telangana State Horticultural University, Mulugu, Telangana 502279 (Hyderabad)

- 48. University of Agricultural and Horticultural Sciences, Shivamogga 577225 (Karnataka)
- 49. University of Horticultural Sciences Udyanagiri, Bagalkot 587104 (Karnataka)
- 50. Veer Chandra Singh Garhwali Uttarakhand University of Horticulture & Forestry, Bharsar 246123 (Uttarakhand)

State Veterinary/ Animal Sciences & Fisheries Universities: 16

- 51. Bihar Animal Sciences University, Patna 800014 (Bihar)
- 52. Dau Shri Vasudev Chandrakar Kamdhenu Vishwavidyalaya, Durg 491001 (Chhattisgarh)
- 53. Guru Angad Dev Veterinary and Animal Sciences University, Ludhiana 141004 (Punjab)
- 54. Karnataka Veterinary Animal & Fisheries Sciences University, Bidar 585401 (Karnataka)
- 55. Kerala University of Fisheries and Ocean Studies, Kochi 682506 (Kerala)
- 56. Kerala Veterinary & Animal Sciences University, Wayanad 673576 (Kerala)
- 57. Lala Lajpat Rai University of Veterinary & Animal Sciences, Hisar 125001 (Haryana)
- 58. Maharashtra Animal & Fishery Sciences University, Nagpur 440001 (Maharashtra)
- 59. Nanaji Deshmukh Veterinary Science University, Jabalpur 482001 (M.P.)
- 60. Pt. Deen Dayal Upadhyaya Pashu Chikitsa Vigyan Vishwa Vidyalaya Evam Go Anusandhan Sansthan, Mathura 281001 (U.P.)
- 61. P.V. Narsimha Rao Telangana Veterinary University, Rajendra Nagar, Hyderabad 500030 (Telangana)
- 62. Rajasthan University of Veterinary and Animal Science, Bikaner 334001 (Rajasthan)
- 63. Sri Venkateshwara Veterinary University, Tirupati 517502 (A.P.)
- 64. Tamil Nadu Dr J. Jayalalithaa Fisheries University, Nagapattinam 611002 (T.N.)
- 65. Tamil Nadu Veterinary & Animal Sciences University, Chennai 600051 (T.N.)
- 66. West Bengal University of Animal and Fishery Sciences, Kolkata 700037 (W.B.)

Deemed Universities: 4

- 67. Central Institute of Fisheries Education, Mumbai 400061 (Maharashtra)
- 68. Indian Agricultural Research Institute, New Delhi 110012
- 69. Indian Veterinary Research Institute, Izatnagar 243122 (U.P.)
- 70. National Dairy Research Institute, Karnal 132001 (Haryana)

AWARDS & RECOGNITION

ICAR AWARDS

CENTRAL AGRICULTURAL UNIVERSITY, IMPHAL, MANIPUR

Jawaharlal Nehru Award

Dr Nangsol Dolma Bhutia, Assistant Professor, Department of Vegetable Science, College of Horticulture and Forestry, Central Agricultural University, Pasighat, Arunachal Pradesh, has been awarded Jawaharlal Nehru Award for P.G. Outstanding Doctoral Thesis Research in Agricultural and Allied Sciences 2019 in the category of Horticulture for her thesis on "Assessment of Heterosis for Yield and Quality Traits and Molecular Mapping of Cluster Bearing Habit in Luffa". Dr Nangsol has studied the inheritance and molecular mapping of cluster bearing habit and sex form in Luffa. Through molecular mapping the ME 10 EM4-280 (SRAP marker) linked at the distance of 4.6cM from the fruiting locus was identified. This marker could be used for marker assisted selection in backcross populations to identify the genotypes possessing cluster fruiting gene thereby speeding the time duration involved in transfer of recessive trait (cluster fruiting) in Luffa.

DR YSR HORTICULTURAL UNIVERSITY, VENKATARAMANNAGUDEM, ANDHRA PRADESH

Pandit Deen Dayal Upadhyay Rashtriya Krishi Vigyan Protsahan Puruskar

Krishi Vigyan Kendra (KVK), Venkataramannagudem, Andhra Pradesh has been awarded Pandit Deen Dayal Upadhyay Rashtriya Krishi Vigyan Protsahan Puraskar-2019 at National level which it shares with KVK, Datia, Madhya Pradesh. The KVK under Dr YSR Horticultural University has taken up various activities for agriculture, horticulture, fisheries, animal husbandry and home science with a focus on transfer of technology through extension activities. Thirty-six villages including eleven tribal villages were



adopted in the district to conduct location specific extension activities i.e., OFTs, FLDs, Trainings, demonstrations, etc. The KVK is successful in creating sustainable employment and economic security to tribal families apart from that conducted many programs for the benefit of tribal rural people. The KVK has started Youtube video channel KVK, Venkataramannagudem and a website www.kvkrgudem. ac.in to increase the outreach for effective dissemination of technology.

GOVIND BALLABH PANT UNIVERSITY OF AGRICULTURE AND TECHNOLOGY, PANTNAGAR, UTTARAKHAND

Sardar Patel Outstanding ICAR Institution Awards

Govind Ballabh Pant University of Agriculture & Technology (GBPUAT), Pantnagar has been awarded Sardar Patel Outstanding ICAR Institution Award 2019 in the category of University in an ICAR- Award function held on 16 July 2020. GBPUAT has contributed significantly for excellence in agricultural research, teaching and extension through innovative efforts and endeavours in all possible fronts



which is visible through its significant achievements. The University has the credit to rear significant number of students who qualified JRF, SRF, ARS, and ICAR-NET successfully. The rigorous and systematic efforts taken by the University to up-bring excellence in the system has been remarkable with feedback system, awards and recognitions for students and faculty at College and University level. The efforts made at the research front has also been spectacular with large number of improved varieties of crops developed and breeder seed of these varieties spread across the country among different universities and institutions which has supported meticulously in food and nutritional security efforts.

INDIRA GANDHI KRISHI VISHWAVIDYALAYA, RAIPUR, CHHATTISGARH

Fakhruddin Ali Ahmed Award for Outstanding Research in Tribal Farming Systems 2019

Dr Adikant Pradhan (Team Leader), Chief Scientist, AICRPDA, S.G. CARS, IGKV, Bastar (C.G.) together with Dr S.K. Nag, Sr. Scientist and Head, KVK, IGKV, Bastar (C.G), Dr Abhinav Sao, Scientist, IGKV, Raipur (C.G.) and Dr Anil Dixit, Principal Scientist ICAR-NIBSM, Raipur (C.G.) has been awarded Fakhruddin Ali Ahmed Award for Outstanding Research in Tribal Farming Systems 2019. The team has worked in the region having more than 60% tribal population out of which 70% completely depends on agriculture which is characterized with low productivity, low water retention capacity, lower fertility, rainfed condition, etc. On station experiments were conducted that focused on the themes viz., rain water management, crops and cropping system, evaluation of improved varieties, energy management, integrated nutrient management and alternate land use system. The outcomes of research and technological applied under the project have been taken for up-scaling through MGNERA; Watershed; ATMA; Ram Krishna Mission-Narayanpur, AgroCrat Society-Kanker, NABARD; Pragati Prayas- Dantewada; Amar Jyoti: The Rural Development Society- Gunpur; PARDS-Jagdalpur; and Bastar Sewak Mandal Adawal' flagship programs in across 9 rainfed farming districts of Chhattisgarh. Landless people and marginal farmers were advised to undertake poultry and goat rearing to stop migration. Within one year, they were fully engaged with rearing of goats at own villages earning Rs 30,000/-40,000/- annum, that is why goat and poultry rearing is now called by people as ATM business in the region.

JUNAGADH AGRICULTURAL UNIVERSITY, JUNAGADH, GUJARAT

Jawaharlal Nehru Award for P.G. Outstanding Doctoral Thesis Research in Agricultural and Allied Sciences

Dr Hirpara Darshna Gordhanbhai, Department of Biotechnology, College of Agriculture, Junagadh Agricultural University, Junagadh, Gujarathas been awarded Jawaharlal Nehru Award for P.G. Outstanding Doctoral Thesis Research in Agricultural and Allied Sciences 2019 in the category of Biotechnology for her thesis on "Micro RNA Profiling, Anti-fungal and Nano-formulation Characterizations of Multi Stress Tolerant *Trichoderma* Fusants for Biocontrol Activity Against *Sclerotium Rolfsii* Sacc, Causing Stem Rot in Groundnut." She developed first time diverse inter-fusant (heterozygous-Fu-21) from *Trichoderma* virens Tvs12* *Trichodema koningii* MTCC796 having characteristics of multi stress tolerant (drought, salt and fungicides) with enhancing antagonistic activity against *Sclerotium rolfsii* under changing climate. Green synthesis of nanoparticles based bioformulation (Fu21) derived having immense potential in agricultural uprising, high reactivity, better bioavailability, bioactivity, and the surface effect of nano-product for smart protection of pathogen.

KERALA VETERINARY & ANIMAL SCIENCES UNIVERSITY, WAYANAD, KERALA

Jawaharlal Nehru Award for P.G. Outstanding Doctoral Thesis Research in Agricultural and Allied Sciences

Dr Jess Vergis, Assistant Professor, Department of Veterinary Public Health, College of Veterinary and Animal Sciences, KVASU, Kerala has been awarded Jawaharlal Nehru Award for P.G. Outstanding Doctoral Thesis Research in Agricultural and Allied Sciences 2019 in the category of Animal Sciences for his thesis entitled "Efficacy of Antimicrobial Peptides (AMPs) Against Multi-drug Resistant Enteroaggregative *Escherichia coli* (MDR-EAEC)". The findings of this study suggested that the AMPs tested had the antimicrobial and antibiofilm efficacy either equal to or even better than the antibiotics tested as well as exhibit prominent immune modulatory effect. The findings of the research have opened new avenues for research to find solutions against the growing menace of antimicrobial resistance.

PUNJAB AGRICULTURAL UNIVERSITY, LUDHIANA, PUNJAB

Pandit Deen Dayal Upadhyay Rashtriya Krishi Vigyan Protsahan Puruskar

Krishi Vigyan Kendra, Amritsar, Punjab has been awarded Pandit Deen Dayal Upadhyay Rashtriya Krishi Vigyan Protsahan Puraskar-2019 for Zone-I together with Krishi Vigyan Kendra, Leh-II, Ladakh on 16 July 2020. The Crop Residue Management program by the KVK has resulted in wheat crop sown in 20,000 ha acre with Happy Seeder and the adoption of PAU recommended varieties has become more than 96 % in paddy and 99% in wheat. The KVK work



in alliance with State Department of Agriculture and Horticulture, Agriculture Technology Management Agency, IFFCO, NFL, Nehru Gyan Kendra, and participates as experts in camps and training programs organized by these departments. The KVK organized sixteen vocational and sixty-two short duration trainings every year for skill enhancement and knowledge up-gradation of the farming community. KVK has also organized ten in-service trainings for extension functionaries for their capacity building. There are fourteen self-help groups and one FPO functioning in the district with KVK assistance. Sixteen success stories of progressive farmers associated with KVK have been published in various publications in the year 2018-19.

Fakhruddin Ali Ahmed Award for Outstanding Research in Tribal Farming Systems

Dr. Sanjeev Kumar Chauhan, Professor and Head, Department of Forestry and Natural Resources, PAU, Ludhiana has been awarded Fakhruddin Ali Ahmed Award for Outstanding Research in Tribal Farming Systems 2019. He shared the award with Team Leader Dr Anurag Saxena, Head I/C, CAZRI, RRS, Leh, Ladakh and Dr Mahendra Singh Raghuvanshi, Principal Scientist (Agronomy), ICAR-NBSSLUP, Nagpur. In Ladakh more than 2 lakh tribal people spread over 59,146 sq. km area constitute >80 of the population of Leh-Ladakh. The team focused on improving livelihood of these people through scientific interventions, transfer of modern but socially acceptable technologies for enhanced productivity, and to widen the basket of food crops. Farmers were trained on package of practices of cereal and fodder crops, weed management, crop diversification, quality fruit production and plant protection measures. Awareness camps for orchard management, sanitation, animal health, and community seed bank were organized. To improve the vegetables production poly-houses were developed and to reduce drudgery in farming different tools were distributed to 196 families.

UNIVERSITY OF HORTICULTURAL SCIENCES, BAGALKOT, KARNATAKA

Bharat Ratna Dr C. Subramaniam Award for Outstanding Teachers

Dr Narayana Kashi Hegde, Professor of Horticulture & Dean (I/C), College of Horticulture, Sirsi, Karnataka of UHS, Bagalkot, has been awarded Bharat Ratna Dr C. Subramaniam Award for Outstanding Teachers 2019 in the field of Crop and Horticultural Sciences. Dr Hegde is involved in teaching courses of Spices and Plantation Crops for 28 years to undergraduate, post graduate and Ph.D. students. He underwent Leadership for Academicians Programme (LEAP) in the Ross School of Business, University of Michigan, USA for one week on methodologies of academic governance, leadership, student engagement, teaching and learning, need of innovation and mind set change in education, etc. He acted as Major Advisor (Chairman) for 25 M.Sc (Horticulture) and three Ph.D. students and Member of Advisory Committee for 75 M.Sc / Ph.D. students. Fifty-eight research papers have been published out of students' theses.

OTHER / AWARDS & RECOGNITION

CHAUDHARY CHARAN SINGH HARYANA AGRICULTURAL UNIVERSITY, HISAR

CCS HAU Professor on the Expert Panel of the World Meteorological Organization

Principal Scientist and former Prof. & Head, Department of Agricultural Meteorology, CCS HAU Dr Surendra Singh Dhankhar, was selected as an expert member in the Standing Committee on New Reform Commission based Agriculture of World Meteorological Organization based in Switzerland (Geneva). His name was approved by the Ministry of Earth Sciences, Government of India, for selection in this commission. Dr Surendra Singh Dhankar is the only Agricultural Meteorologist from Agricultural Universities across the country, who has been selected in this commission.



Prof. Surender Singh Dhankhar

Scientists of CCSHAU Honored with Dr A.P.J. Abdul Kalam Award 2020

Two scientists of CCS HAU, Hisar were awarded Dr A.P.J. Abdul Kalam Award 2020.

The Dean, College of Basic Sciences & Humanities said that this award was given at the 11 International Conference on Agriculture, Horticulture and Plant Sciences held in New Delhi. He informed that Dr Rashmi Tyagi and Dr Jatesh Kathpalia of Sociology Department, COBS&H, have been

given this honor on behalf of the Society of Tropical Agriculture.

CCS HAU Student Honoured

CCS HAU Volunteer Ankit Yadav has been honored by Hon'ble Governor, Haryana, Shri Satyadev Narayan Arya at Raj Bhavan in Haryana. Mr Ankit Yadav had represented the University and Haryana State in the 26 January parade held at Rajpath in New Delhi. On his achievement, the Governor honored him with a cash prize of Rs 21,000 besides a citation and a memento.





Governor Shri Satyadev Narayan Arya honoring student Ankit Yadav

GURU ANGAD DEV VETERINARY AND ANIMAL SCIENCE UNIVERSITY, LUDHIANA

Associateship of National Academy of Dairy Sciences

Dr Harsh Panwar, Assistant Professor, Dairy Microbiology, GADVASU has been conferred Associateship of National Academy of Dairy Sciences - India for 2021.

JUNAGADH AGRICULTURAL UNIVERSITY, JUNAGADH

Life Time Achievement Award

Former Vice Chancellors of Junagadh Agricultural University Dr A.R. Pathak and Dr N.C. Patel were felicitated with "Life Time Achievement Award" on 27 February 2021 by reputed National Magazine Agriculture Today in ceremony "Agri-Education Awards 2021". The event was organized to felicitate the contributors in Agricultural Education Development in India. The award ceremony was held virtually in auspicious presence of Dr Trilochan Mohapatra, Secretary, DARE & Director General, ICAR and other dignitaries.

Dr A. R. Pathak

Dr N. C. Patel

PROFESSOR JAYASHANKAR TELANGANA STATE AGRICULTURAL UNIVERSITY, RAJENDRANAGAR

State Best Teachers Awards

Six educators of the PJTSAU namely, Dr M. Balram, Professor & Head, Department of Genetics & Plant Breeding; Prof. K. Vijayalakshmi, Professor (Entomology), Agricultural College, Palem; Dr K. Suresh, Additional Controller of Examination; Dr M. Sreenivasulu, Coordinator, Electronic Wing; Dr R. Vijaya Kumari, Professor (Economics), College of Agriculture, Rajendranagar and Dr K. Srinivasa Kumar, Associate Dean, College of Agricultural Engineering, Kandi were awarded the Meritorious Teacher-2020 award from Higher Education Department, Government of Telangana on the occasion of Teachers' Day.

Women in Education Leadership Award

Dr D. Ratna Kumari, Dean of College of Community Science received 'Women in Education Leadership Award' presented by Asian Confederation of Businesses with World Education Congress as its Strategic Partner and Stars of the Industry Group as a research partner on 20 November, 2020 in a virtual programme.

Samruddhi Krishi Siksha Samman Award

PJTSAU was conferred the prestigious Samruddhi Krishi Siksha Samman Award for effective implementation of Alternate Wetting and Drying technology in Rice among the farming community of the State by Mahindra Samruddhi India Agri Awards -2020 constituted by M/s Mahindra & Mahindra Ltd. on 10 February 2021.

Best AICRP Centre Award

The Rajendranagar center of AICRP on 'Integrated Farming Systems' of the university was bestowed with Best Centre award under the on-station main centre category in the sixth biennial workshop







organized, virtually by ICAR – Indian Institute of Farming Systems Research, Modipuram from 15 to 18 December, 2020. The award was given to the centre for the best performance out of 25 centres competed at national level for the same from SAU's for the period 2018-2020.

One District One Green Champion Award

The NSS unit, College of Agricultural Engineering, Kandi, Sangareddy has been conferred with "One District One Green Champion Award" by Mahatma Gandhi National Council of Rural Education (MGNCRE), Department of Higher Education, Ministry of Education, Government of India under *Swachhta* Action Plan 2020-21.

First Prize in Photo Competition

Ms K. Rachanasri, IV year B.Sc. (Hons.) Community Science student, College of Community Science, Saifabad, Hyderabad has won 1st Prize in Healthy Meal Photo Competition conducted by Brats Research Centre for Women's Health (Brats) and WHO Global collaborative center for women's health, Birmingham Queen Mary University, London, UK on 13 March, 2021.

First Prize in Poem Writing

Ms Navyashree Sangam, student from College of Food Science Technology, Rudrur received Merit Certificate and First Prize in poem writing in Hindi during "Connect – Chancellor Programme" held on Telangana Formation Day at Raj Bhavan, Hyderabad.

Best Article

Dr Aparna Kuna and Dr Lakshmi Prasanna Kata from Quality Control Laboratory, PJTSAU, Rajendranagar received "Best Article Award" for their article on "Fight COVID-2019 with Healthy Diet" in Agriculture & Food e-Newsletter (August 2020).

ISO 9001:2015 Certification

The University administrative office has acquired ISO 9001:2015 certification after duly submitting all required documentation with a quality policy and quality manual for improving the efficiency, traceability in administration. The certificate is valid up to March 2023.

NABL Accreditation of PJTSAU's Premier Labs

Accreditation has been renewed by NABL as per ISO: IEC 17025: 2017 standard till July 2022 for the two premier laboratories of the university *viz.,* Pesticide Resid ues and Quality Control laboratories located at PJTSAU, Campus, Rajendranagar, Hyderabad.

TAMIL NADU AGRICULTURAL UNIVERSITY, COIMBATORE

Best Vice-Chancellor Award

Dr N. Kumar, Vice-Chancellor, TNAU was conferred with the 'Best Vice-Chancellor Award 2020' in Sixth National Youth Convention on 'Innovation and Agricultural Reforms towards Farmers' Prosperity' jointly organized by Professor Jayashankar Telangana State Agricultural University, Hyderabad and All India Agricultural Students Association, New Delhi on 20.02.2021. This is conferred for his outstanding contribution in bringing frugal innovation and creating pedagogy in an academic environment. Since his joining as the 13th Vice-Chancellor of TNAU, he had streamlined the educational and research activities of the University which had reflected in the increased number of students clearing ICAR-AIEEA 2020 (589 students including Under -graduate and Post graduate programme), internationalizing education through execution of MoUs with several International Universities and Institutes, increase in the International Adjunct faculty to 17, conduct of eight Grantsmanship workshops for young Assistant Professors numbering more than 330, harnessing solar energy and clean and green initiatives through native tree planting and seed balls sowing, redefined research especially on drones utilization, sensors, remote sensing based crop loss assessment, addressing the pest and disease problems on a war-footing manner, enhanced seeds and seedlings production (about 1.7 times of 2017-18) to meet the demands of farmers. All these contributed in elevation of the University in the ICAR ranking to 8th position from 33. Besides, more number of publications with NAAS rating of more than six resulted in an upsurge of H-index of the University to 78 in 2020 from 52 during 2018.

VICE-CHANCELLORS

Relinquishments

S.No.	Name	University	Retirement date
1.	Dr D.D. Patra	BCKVV, Mohanpur	09.06.2020
2.	Dr K.P. Singh	CCS HAU, Hisar	14.07.2020
3.	Prof. R.K. Singh	IVRI, Izatnagar	31.07.2020
4.	Dr M. Premjit Singh	CAU, Imphal	26.09.2020
5.	Dr Nazeer Ahmed	SKUAST (K), Srinagar	22.10.2020
6.	Dr K.P. Vishwanatha	MPKV, Rahuri	04.11.2020
7.	Dr R.Chandra Babu	KAU, Thrissur	26.12.2020
8.	Dr C. Chattopadhyay	UBKV, Coochbehar	15.01.2021
9.	Dr Ajoy Kumar Singh	BAU, Sabour	20.01.2021
10.	Prof. Rakesh Bhatnagar	BHU, Varanasi	16.03.2021

Appointments

S.No.	Name	University	Appointment date
1.	Dr K.M. Indiresh	UHS, Bagalkot	28.05.2020
2.	Dr Inder Jeet Singh	GADVASU, Ludhiana	11.06.2020
3.	Dr J.P. Sharma	SKUAST (J), Jammu	15.06.2020
4.	Dr Janakiram Tolety	Dr YSRHU, Venkataramannagudem	30.06.2020
5.	Dr V. Padmanabha Reddy	SVVU, Tirupati	05.08.2020
6.	Dr A. Vishnuvardhan Reddy	SKNAU, Jobner	14.08.2020
7.	Dr H.K. Chaudhary	CHSKHPKV, Palampur	22.08.2020
8.	Dr G. Sugumar	TNJFU, Nagapattinam	10.09.2020
9.	Dr Onkar Nath Singh	BAU, Ranchi	19.09.2020
10.	Dr Z.P. Patel	NAU, Navsari	13.10.2020
11.	Dr Anupam Mishra	CAU, Imphal	17.10.2020
12.	Dr Bidyut Chandan Deka	AAU, Jorhat	22.10.2020
13.	Dr R.M. Chauhan	SDAU, Sardarkrushinagar	07.12.2020
14.	Prof. B.S. Mahapatra	BCKV, Mohanpur	12.12.2020
15.	Dr B. Neeraja Prabhakar	SKLTSHU, Mulugu	15.01.2021
16.	Dr V. Ravinder Reddy	PVNRTVU, Hyderabad	18.01.2021
17.	Dr Swarup Kumar Chakrabarti	UBKV, Coochbehar	20.01.2021
18.	Dr K. Riji John	KUFOS, Kochi	23.01.2021
19.	Dr Prashant Kumar Gulabaro Patil	MPKV, Rahuri	02.03.2021
20.	Dr K.B. Kathiria	AAU, Anand	03.03.2021

PUBLICATIONS

- 1. Annual Report 2019-20
- 2. Newsletter: Five Issues- Vol.20 No.1, Vol.20 No.2, Vol.20 No.3, Vol.20 No.4 Vol.20 (A)
- 3. Telephone Diary and Monthly Planner, 2021

PROGRAMME FOR 2021-22

- 1. 11th Brain Storming Session: July-2021, IGKV, Raipur
- 2. 9th Regional Committee Meeting: August-2021, CIFE, Mumbai
- 3. 14th National Symposium: Oct/Nov-2021, PJTSAU, Hyderabad
- 4. 45th VCs Convention: December, 2021, BAU, Ranchi

ACKNOWLEDGEMENTS

The Association thanks the outgoing Executive Committee for commendable contribution to IAUA. The Association place on record its gratitude to all Vice Chancellors of member universities for guidance, support and advice. The Association is also grateful to Dr B.S. Dhillon, Vice Chancellor, PAU, Ludhiana the former President, IAUA and his team of Executive Committee for carrying out the mandate of the Association to its new heights for greater visibility through national and international collaborations.

Sd/-(**Dr S.K. Patil**) President, IAUA & VC, IGKV, Raipur

FINANCE, BUDGET AND AUDIT REPORT

The main source of revenue of the Association is the subscription from member universities. In addition, the ICAR also provides a good assistance of Rs 20 lakh annually for organizing national - level events like Annual Conventions, National Symposia and Brain-storming sessions etc.

The audited Statement of Accounts for the Year 2020-21 is given in **Auditor's Report.** It shows that **total income** of the Association is **Rs. 1,19,57510** (i.e., **Rs. 68,00,000** as membership subscription, **Rs. 31,57,510** as interest on FD and Saving from bank) and **Rs. 20,00,000** as Contribution from ICAR, **total expenditure Rs. 50,38,684.** At the close of the financial year 2020-21, the Association has **fixed deposits of Rs.4,64,84,642** (Rupees Four crore sixty-four lakh eighty-four thousand six hundred forty-two only).

INDIAN AGRICULTURAL UNIVERSITIES ASSOCIATION

BALANCE SHEET AS AT 31st MARCH 2021

Liabilities		Amount	Assets	Amount
Capital Fund:			Fixed Assets	1221764
Opening Balance	43395027		Cash & Bank balances	
Add: ICAR Grant (Corpus) Add: surplus for the year	13200000		Canara Bank a/c-33643	5331397
as per income and expenditure			Canara Bank a/c-55638	931434
account	6918825	63513852	(Imprest executive secretary a/	/c)
			Bank A/c- Golden Jubilee	1004115
Building fund		2909439	Cash	4859
Current liabilities			Fixed Deposit	46484642
Audit fees payable		28320	Int accured on FDR'S	4134031
Advance membership fee I	Received	100000	Others	
			TDS	1428298
			TCS	11071
			Contribution to ICAR	600000
			(Building Fund)	
		66551611	-	66551611
Sd/-		Sd/-	Sd/-	

Sd/-22.10.2021 **DR. S.K. ATIL** (PRESIDENT)

Auditor's Report:

As per our separate report of even date annexed to the Balance Sheet.

Bhasin Raghavan & Co

Chartered Accountants FRN 000197N

Place: New Delhi Dated: 18.11.2021 Sd/-(Vikram Singh) Partner Ms. No 093458

Sd/-18.10.2021 **DR. V. PRAVEEN RAO** (TREASURER)

12.10.2021 DR. DINESH KUMAR (EXECUTIVE SECRETARY)

INDIAN AGRICULTURAL UNIVERSITIES ASSOCIATION

INCOME & EXPENDITURE ACCOUNT FOR THE YEAR ENDED 31.03.2021

Particulars	Amount 31.03.2021	Particulars	Amount 31.03.2021
Salary	1165055	Membership Fee Subscription	6800000
Conveyance	200055	Bank interest	241738
Postage, telephone & internet	82046	Interest on FD	2915772
Printing	426457	Contribution from ICAR	200000
Printing-Golden Jubilee conference Accou	nt 498078		
Stationery	19810		
Office maintenance	777100		
Computer maintenance	80181		
Electricity	186490		
Brain storming session	150000		
Bank charges-General	4681		
Bank charges-Golden Jubilee			
conference Account	144		
Newsletter editing	13250		
Membership fees Paid	381750		
Vehicle running & maintenance	13062		
Meeting expenses	601135		
Newspaper & Periodicals	1385		
Audit fee	14160		
Website expenses	105079		
Car insurance	26317		
Network expenses	40000		
Legal and professional charges	35000		
Depreciation	217450		
Excess of income over expenditure	6918825		

11957510

Sd/-22.10.2021 **DR. S.K. PATIL** (PRESIDENT) Sd/-18.10.2021 **DR. V. PRAVEEN RAO** (TREASURER) Sd/-12.10.2021 **DR. DINESH KUMAR** (EXECUTIVE SECRETARY)

11957510

Auditors' Report:

As per As per our separate report of even date annexed to the Balance Sheet

Bhasin Raghavan & Co Chartered Accountants FRN 000197N

Place: New Delhi Dated: 18.11.2021 Sd/-(Vikram Singh) Partner Ms. No 093458

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IAUA Annual Report 2020-21

INDIAN AGRICULTURAL UNIVERSITIES ASSOCIATION

RECEIPTS & PAYMENT ACCOUNT FOR THE YEAR ENDED 31.03.2021

Particulars	Amount	Particulars	Amount
Opening Balance:		Salary	1165055
Cash at Bank 4597872		Conveyance	200055
Imprest Executive A/c-Bank 2013811		Postage, telephone & internet	82046
Fixed Deposit 39324837		Printing -General	426457
Golden Jubilee A/c-Bank 1502337	47438857	Printing -Golden Jubilee conference	e Account 498078
Members subscription Received	6800000	Stationery	19810
Bank interest	241738	Office maintenance	777100
Grant from ICAR	2000000	Computer maintenance	80181
Income tax refund	225008	Electricity charges	186490
Interest on FDR	1159807	Brain storming session	150000
Advance membership fee received	100000	Bank charges-General	4681
		Bank charges-Golden Jubilee confe	rence Account 144
		Newsletter editing	13250
		Membership fees paid	381750
		Vehicle running & maintenance	e 13062
		Meeting expenses	1135
		Newspaper & periodicals	1385
		Website expenses	105079
		Car insurance	26317
		Network expenses	40000
		Legal and professional charges	
		Purchase of furniture & fixtures	s 1888
		Closing balance:	
			4859
			1397
		Imprest executive a/c-Bank 93	
		Golden Jubilee A/c-Bank 100	
		Fixed deposit 4648	34642 53756447
	57965410		57965410
Sd/-	Sd/-	c	Sd/-
22.10.2021	18.10.202		2.10.2021
DR. S.K. PATIL	DR. V. P	RAVEEN RAO	DR. DINESH KUMAR
(PRESIDENT)	(TREASU	RER) (EXECUTIVE SECRETARY)
Auditors' Report:	ion data anno int	l to the Balance Chart	
As per As per our separate report of ev	en date annexed Bhasin Rag		

Bhasin Raghavan & Co Chartered Accountants FRN 000197N

Place: New Delhi Dated: 18.11.2021 Sd/-(Vikram Singh) Partner Ms. No 093458