

ANNUAL REPORT

2019-20



INDIAN AGRICULTURAL UNIVERSITIES ASSOCIATION

G-5, Office Block-A, N.A.S.C. Complex
Dev Prakash Shastri Marg
Pusa Campus, New Delhi - 110012
Telefax: 011-21520075, 25842422
Website: www.iauaindia.org

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INTRODUCTION

Indian Agricultural Universities Association (IAUA) had completed 50 years during the year 2017-18. It 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.

During the period, there has been phenomenon increase in the number of agricultural universities. Till date, we have 70 regular member universities, viz; 62 SAUs, 4 DUs (IARI, IVRI, NDRI and CIFE) and 4 CAUs (Imphal, BHU, DRPCA and RLBCAU). On specialization, there are *44 Agricultural, 6 Horticultural, 17 Veterinary and Animal Sciences and 3 Fishery Science Universities*.

State wise bifurcation of universities: 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; West Bengal: 3.

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

IAUA also celebrated the occasion of completing the 50 years of its existence, along with all the regular activities, by organizing a flagship ***"IAUA Golden Jubilee International Conference- "Sharing Global Experience" during 23-25 November 2018 at its headquarters, NASC, Pusa Campus, New Delhi. During which 4 publications were brought out: Fifty Glorious Years of IAUA: A Compendium; IAUA Member Universities: At a Glance; Proceedings: IAUA Golden Jubilee International Conference; Compendium: Bio-Data of Authors and Papers presented.***

The main objective of the Association is to promote agricultural research, education and extension in the universities and the states, and thereby rural development in the country. 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, 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 others interested. 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 stake holders.

The information on events and proceedings are published through the host universities, and the recommendations are also included in **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 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 2019 was as follows:

EXECUTIVE COMMITTEE

President:	Dr A.R. Pathak , VC, JAU, Junagadh	1-1-2019 to 06-10-2019
Acting President:	Dr B.S. Dhillon , VC, PAU, Ludhiana	7-10-2019 to 31-12-2019
Vice-President:	Dr B.S Dhillon , VC, PAU, Ludhiana	1-1-2019 to 31-12-2019
Secretary-General:	Dr S.K. Patil , VC, IGKV, Raipur	1-1-2019 to 31-12-2019
Treasurer:	Dr R.K. Singh , VC, IVRI, Izatnagar	1-1-2019 to 31-12-2019
Members:	Dr A.S. Nanda , VC, GADVASU, Ludhiana	1-1-2019 to 31-12-2019
	Dr Ashok A. Patel , VC, SDAU, Sardarkrushinagar	1-1-2019 to 27-07-2019
	Dr C.J. Dhangria , VC, NAU, Navsari	1-1-2019 to 31-12-2019
	Dr M. Premjit Singh , VC, CAU, Imphal	29-8-2019 to 31-12-2019
Special Invitee from ICAR:		
	Dr N.S. Rathore , DDG (Edn), ICAR	31-07-2015 to 23-08-2019
	Dr R.C. Agarwal , DDG (Edn), ICAR	continuing

During the year 2019-20, **four** Quarterly Executive Committee meetings were held, viz. **No. 1** of 2019 on **5 April, 2019** at JAU, Junagarh, Gujrat; **No. 2** of 2019 on **27 June, 2019** at CHSKHPKV, Palampur; **No. 3** of 2019 on **18 September, 2019** at CCSHAU Hisar and **No. 4** of 2019 on **11 December, 2019** at IGKV, Raipur.

GENERAL BODY

The General Body Meeting was held on 12 December, 2019, at Indira Gandhi Krishi Vishwavidyalaya Krishak Nagar, Labhandi, Raipur (Chhattisgarh). The agenda items for the meeting were:

- Adoption of Association's audited accounts for the year 2018-19.
- Election of new Executive Committee for the calendar year 2020.

The following members were elected:

1. Dr B.S. Dhillon, VC, PAU, Ludhiana	-	President
2. Dr S.K. Patil, VC, IGKV, Raipur	-	Vice President
3. Dr R.K. Singh, VC, IVRI, Izatnagar	-	Secretary- General
4. Dr M. Premjit Singh, VC, CAU, Imphal	-	Treasurer

- | | | | |
|----|--|---|--------|
| 5. | Dr Nazeer Ahmed, VC, SKUAST(K), Srinagar | - | Member |
| 6. | Dr K.P. Vishwanatha, VC, MPKV, Rahuri | - | Member |
| 7. | Dr Ajoy Kumar Singh, VC, BAU, Sabour | - | Member |

New Executive Committee Members of 2020



Dr B.S. Dhillon



Dr S.K. Patil



Dr R.K. Singh



Dr M. Premjit Singh



Dr Nazeer Ahmed



Dr K.P. Vishwanatha



Dr Ajoy Kumar Singh

Editorial Board of IAUA Newsletter

1. Dr R.P. Singh, Executive-Secretary, IAUA
2. Dr Kirti Singh, Ex-Chairman, ASRB
3. Dr C.S. Chakraborty, Ex- President, IAUA (2013) & Ex-VC, WBUAFS, Kolkata
4. Dr Aruna T. Kumar, Ex-Editor, ICAR

EVENTS

- 1) **8th IAUA Regional Meeting of Vice Chancellors on “Sharing Experiences and Strategies about Changing Paradigm of Agriculture University Governance Systems” held at GBPUAT, Pantnagar during 9– 10 May, 2019.**

Recommendations

The 8th IAUA Regional Meeting was held during 9-10 May 2019 at G B Pant University of Agriculture and Technology, Pantnagar. At the end of two days deliberations the participants of the workshop came up with the following recommendations:

1. In order to improve the quality and relevance of agricultural education, there is a need for fundamental change of approach in governance and control, financial sustainability, accountability, autonomy, transparency and meritocracy.
2. There is an ardent need to check the establishment of new agricultural university(ies) by bifurcating the existing one(s) in the state and also the mushrooming of private colleges as that will cause major damage to education and employment sectors. Instead, the idea of ‘broad farm universities’ need to be strengthened.
3. The SAUs and colleges affiliated to general universities, engaged in teaching agriculture and allied subjects, need institutional changes, which include changes in statutes and governance towards academic independence and excellence and to enlarge the scope of providing education and learning.
4. The SAUs, despite being funded by State Governments and ICAR, face shortage of funds. There is, thus, a need to explore new ways of income generation and funding and adopting them for strengthening the funds in the universities. Management of universities should thrive for provisions of fund raising through innovative ideas of technology and knowledge that can be sold to rich farmers as well as industrialists, and at the same time attracts good students and hardworking staff. Entire syntax of university administrative set up needs change of perspective and purpose.
5. The underperformance of the graduating students when they face the real-world farming situation as well as in marketing themselves for jobs, is a major concern and must be addressed urgently. The delivery approaches and methods of classroom teaching and hands on training/practice in equipping the graduates with necessary skill must match the requirements of farming systems/situations.
6. Conceptual and perceptual changes are needed in skill development of all components of the university, be it students, administrator or supporting staff. Quality research with academic background support and worthy extension provisions including functional help of KVKs and KGKs, and entire paradigm of scientific development of agricultural science should be raised.
7. Future farm universities must have excess and ability to utilize new trans-disciplinary knowledge such as biotechnology, nanotechnology, information and communication technologies (ICTs), space technologies and material sciences and become central to developing new technologies and innovations.
8. State oriented restricted admission regulations are not in line with the future aspirations of making the university global. Provisions have to be made for open nation-wide admissions and for international students.
9. Integration of SAUs and ICAR institutes for teaching and research could be a futuristic step and

may address the rural, peri-urban and urban needs in a better way. Moreover, SAUs should be permitted to admit foreign students directly.

10. IAUA should hold series of dialogues on **envisioning future pathways**, including inviting experts to give valuable inputs. Also, 50 years long documented history of past experiences should be studied to learn lessons from it, especially to understand specificities of the agricultural education ecosystem.

2) 10th Brainstorming session on “ICAR Model Act Revision” held at Ch. Sarwan Kumar H.P. Krishi Vishvavidyalaya, Palampur from 28-29 June, 2019.

Recommendations

1. ICAR Model Act (2009) has been adopted by 28% State Agricultural Universities (SAUs) and the State Veterinary Universities (SVUs), while its provisions have been adopted by 48% Universities. It was suggested that by and large all the SAUs/SVUs should follow the need- based provisions after making necessary amendment in the Act/Statutes.
2. The SAUs have been established by State Legislative Assembly Act. The ICAR Model Act and Statutes governing SAU/SVUs should be complementary. The required sections of ICAR Model Act can be implemented through amendment in the University Act/Statutes with proper justification.
3. The subject of Agricultural Education and Research should be put in the concurrent list or List III (Seventh Schedule) of the Constitution to ease out the administrative issues and to bring quality changes for improving the standards of agricultural education and research in the country.
4. The University governance should be through a mechanism of autonomy, accountability, transparency and participatory approach involving all stake holders.
5. The UGC guidelines are to be followed with respect to qualifications for appointment of Vice-Chancellor. It should include a person with Ph.D. degree in any branch of Agricultural/Veterinary and Animal Sciences having outstanding academic record with a minimum of 10 years' experience as professor/equivalent, out of which 3 years as Dean/Director in a University system or in an equivalent position in a reputed research/ academic organization related to agriculture/veterinary and animal sciences.
6. The search committee for the appointment of Vice Chancellor should include the Director General of ICAR or his nominee not below the rank of DDG or Vice Chancellor of SAUs/CAUs, one nominee of the Chancellor and State Government each of the rank of Vice-Chancellor. The search committee should recommend the names in alphabetical order.
7. There is no uniformity for the age limit and the tenure of Vice Chancellor. The tenure of the Vice Chancellor should uniformly be of 5 years with age limit of 70 years as per UGC norms.
8. Interim Charge of Vice - Chancellor should be given to an academician i.e., the senior most Dean /Director or Vice Chancellor of other SAUs in the State for a period not exceeding six months and the position should be filled within this period.
9. The Board of Management should comprise the concerned Secretaries of the line departments of the State Government. Besides, it should include (i) an outstanding rural woman social worker, (ii) a progressive farmer from the jurisdiction of university, (iii) one member from agricultural industry, (iv) two eminent educationists in the field of Agriculture/Veterinary and Animal Sciences /Allied Sciences, (v) member from ICAR to be nominated by the Director General, ICAR not below the rank of ADG and the Registrar as the Member Secretary. All the members from I to IV will be recommended by the Vice Chancellor and nominated by the Chancellor. There should be no member from State Legislative Assembly/Member of *Zila Parishad*, etc.
10. Academic, Research and Extension Councils are statutory bodies for regulating and overseeing

academic, research and extension activities in that order. Its functioning and composition need to be revised from time to time to make it more dynamic in view of the changing market demand of expertise/human resource/ products/technologies from the SAUs/SVUs.

11. The positions of Registrar and Finance Officer/Comptroller are important for smooth functioning and implementation of respective statutory provisions. These officials should be appointed from within the University system or appointed on deputation by the State governments.
12. The Controller of Examination should not be below the rank of Professor and the post of Director Extension should be designated as the Director of Extension Education.
13. Deans and Directors should be appointed through an open advertisement following uniform procedure. Principals of the off-campus colleges should be re-designated as the Deans. The SAUs/SVUs must maintain optimum faculty student ratio. The strength and the composition of the faculty of the Departments of the constituent Colleges should follow the Fifth Deans' Committee recommendations. Faculty positions lying vacant since long should be filled up to meet this criterion.
14. The faculty should have flexibility for undertaking consultancy services, short term assignments, participation in the industrial R&D programmes and crafting both National and International projects / collaborations for the resource generation.
15. The highest-ranking Universities should be given autonomy in designing and starting new courses / programmes, admission criteria including foreign students, fee structure and hiring globally competent faculty.
16. Indian Council of Agricultural Research should have a position of ADG dealing with 'Skill Development and Entrepreneurship' in the Education Division, who may co- ordinate and facilitate development to entrepreneurial skill and employability among the graduates.
17. Agricultural education under the domain of UGC in private colleges and general universities must be accredited by the ICAR. The recommendations of the Fifth Deans' Committee should be followed in letter and spirit in these Colleges/Universities.
18. The Universities should generate their resources such as self-financing degree programmes, short term training programmes, consultancy services, payment seats, fee structure, sale of university produce/seed/planting materials, testing and licensing of technologies, other outreach programmes, etc. Faculty should be given benefit sharing on the pattern of the guidelines of ICAR already in vogue.
19. Universities/Colleges should have internal quality assurance system to meet the diverse needs of the stakeholders for planning, guiding and monitoring quality assurance and quality enhancement activities.
20. The MoUs in State Agricultural Universities with National and International Institutes/Organizations should be in specific areas and within the guidelines already approved by ICAR/DARE.

3) 13th National Symposium on "Ranking of Agricultural Education" held at Chaudhary Charan Singh Haryana Agricultural University, Hisar during 19–20 September, 2019.

Recommendations

1. The draft of National Agricultural Education Policy should be deliberated in detail in all the universities, and suggestions after in-house discussion of different universities/ICAR institutes should be compiled. A committee comprising Prof. K.P. Singh, VC, CCSHAU, Hisar; Dr S.K. Patil, VC, IGKV, Raipur; Dr S.K. Rao, VC, RVSKVVU, Gwalior and Dr M.B. Chetti, VC, UAS, Dharwad was constituted to work out the detailed joint response of Agricultural Universities to be submitted to the MHRD through MoA and MoAH.

2. A committee was constituted to work out the common criteria and suggest improvements in the existing criteria regarding ranking adopted by ICAR, which will be acceptable to all universities/institutions. Dr B.S. Dhillon, VC, PAU, Ludhiana was nominated as Chairperson, while committee members nominated were Prof. K.P. Singh, VC, CCSHAU, Hisar; Dr R.K. Singh, Director cum VC, IVRI Bareilly; Dr Gopal Krishna, Director cum VC, CIFE, Mumbai; Dr Parvinder Kaushal, VC, Dr YSPUH&F, Nauni and Dr M.K. Naik, VC, UAHS, Shivamogga.
3. All the universities were asked to prepare a brief note (4-5 pages) on their contributions during last 5 years quantifying impacts on society so that the information can be uploaded on IAUA website and updated regularly.
4. Ranking of Institutes/Universities should be carried out based on performance of last three years against the present process based on performance during one year, as research is a long process. Institutes/Universities should be ranked separately based on the programmes being offered such as PG only; and UG and PG both for ICAR. However, considering the contribution of agriculture towards feeding the country and upliftment of rural economy, there is a need for separate ranking of SAUs in NIRF to maintain separate identity of agricultural education.
5. Universities should develop partnership and collaboration with other universities, countries states, Government agencies, NGOs and civil societies for transfer of technologies and schemes run by government for farmers and rural development; and community partnership to bring together different pieces of research puzzle i.e., expertise, knowledge and equipment.
6. Agri Business Incubation Centers should be established in all the universities so that graduates can be motivated for Agri-business startups. Vocational training centers should be strengthened for imparting skills in agriculture for employment generation for the unemployed rural youths. Development of outreach programme through online courses and distance education in agricultural sciences in regional languages would also help in improving the perception of the university.
7. Faculty exposure to the international laboratories, tuning of soft skills, etc. should be facilitated with provision of Sabbatical leave for the teaching faculty. Credit transfer for the students should be encouraged so that benefit of excellent facilities and courses in one university can be availed by others.
8. Independence of university and industry partners must be protected and their differing missions be respected. University must not lose sight of their prime academic mission and performing basic scientific and engineering inquiry while working in synergy with industry.
9. Collaboration for students in getting the fellowship and scholarships from the industries should be explored. Skill requirement of industry must be fulfilled and mid-term reviews of curriculum are also required. Flexibility in courses is required for international collaboration.
10. To develop sustainable agricultural practices, encouragement for use of ICT based technologies and demonstration programmes for transfer of knowledge and skill to farmers should be encouraged.
11. There is a need to develop a corpus fund in the institutes which can be used for funding international joint projects which will enhance quality publication, patenting, etc. Matching funds can be earmarked by respective participating Institutes/Universities.
12. To convert agricultural universities into global institutions, good quality students are to be attracted. Restrictions for admission of students in the ratio of 75:25 (State: ICAR) is a limiting factor and there is a need to modify this ratio to 50:50. Some mechanism may be evolved to increase the strength of international students through direct admission.

4) 44th Vice Chancellors Convention: “Rethinking under-Graduate Agricultural Education” held at Indira Gandhi Krishi Vishwavidyalaya, Raipur (Chhattisgarh) during 12– 13 December, 2019.

Recommendations

1. A change in undergraduate curriculum design from agriculture to agri-business should be brought in with focus towards developing entrepreneurship, agri-business aptitude, skills and confidence of profession. It is recommended to develop a graduate who is more of practice oriented.
2. In view of the diversified agricultural crisis and new challenges of not only increasing production but improving profitability, employment, sustainability, environmental security, livelihood, safe and nutritious food production and role of market, the universities should diversify their role as technology development alone may not help the stakeholders now. It is recommended that agricultural universities should reorient their activities from technology and production based present approach to commerce, business management, entrepreneurship, industry and market-based approach.
3. In view of fast changing scenario of agricultural sector, workplaces and decreasing life of knowledge products, curriculum should be revised in every three years making it dynamic and responding to continuously changing scenario of agricultural sector. A mechanism/ model of continuous curriculum up-gradation may also be evolved.
4. Curriculum design should be more decentralized. More freedom to universities up to a level of 50% should be given. There can be basic/foundation courses common in all universities designed by Dean's committee and 50% courses should be as per the local needs, designed by universities. Curriculum should be different as per the local conditions, so that students can be exposed to local systems while being exposed to global and national systems. The technologies of regional importance should also be included in course curricula. Many KVKs/ATMAs and private sectors have developed appropriate technologies and functional institutional mechanism at regional levels. These case studies should be incorporated in our teachings.
5. The pedagogy of undergraduate education needs a change. A way of teaching that enhances learning and develops skill of profession may be adopted where students can work with the farmer for sufficiently longer period of time in real world, or on their own farms, and can help in transforming these farms in a modern farm during the degree program.
6. A two year on-campus (theory + on campus practical) and two year on-farm work with farmers may be adopted. In on campus teaching, basic courses (50% common courses; 2+1 type) may be offered. The university designed courses as per local needs may be offered along with farm attachment (0+2 type). In 0+2 type courses student should be taught to work with farmers and perform various operations to learn farming. One student can be attached with one farmer during the entire degree program or in last two years where (0+2) type courses can be offered. Student performance may also be evaluated from base line of farmer and improvement by the end of their degree program. The present course load may appropriately be reduced.
7. The innovative/successful farmer, agri-businesspersons, industry experts should be equally involved in curriculum design and teaching. The farmer's innovation/success stories should be adequately covered in syllabus. Government, banks and financial schemes and developmental programs, should also be included in syllabus. Introduction to Indian agriculture should be given more focus so that students become aware of who the Indian farmer is and how the Indian farming is changing.
8. Students should be empowered in earning profits from farming. More portion of commerce and management should be included for this purpose in curriculum. The curriculum should also give an idea of possible earnings from agri-business and teach how to earn higher income than

present salary packages. The possibility of profit by using on shelf technologies at expected yield and given level of price should be part of syllabus. Hence, it is required to include perspective of income enhancement by use of relevant technologies of production and strategies of marketing in syllabus.

9. Review and redesign the Rural Agricultural Work Experience and Experimental Learning programs for improving the effectiveness. The universities may undergo MoUs with successful farmers, agro-industrialist to link up with RAWE and ELP programs to make them more effective. The present ELPs are not able to build enough confidence and skills in students, required to run a business. It is mainly due to lack of exposure to complete production cycles, marketing, and inexperienced faculty in agri- business. The ELP/incubation throughout the degree program in collaboration with private sector may be a good idea.
10. Students should be promoted to initiate start-ups during UG education. Venture platforms by students should be promoted to link innovation, investment and enterprises. Creation of more incubation centers and facilities, in collaboration with the private sector may be helpful. Along with the individual entrepreneurship a group, or collective entrepreneurship should be focused duly backed up by the technological solutions and in situational reforms for running it as professional business model.
11. Recognizing small and marginal farmers and agricultural workers as our stake-holders, and agrarian transformation to bring them out of present crises as our one of the mandates, the curriculum should be oriented towards transforming the farm so marginal and small farmers into a profitable and viable enterprise.
12. The research base of universities should be widened. The teachers need to diversify their research on new aspects like agri-business, entrepreneurship, and farmer producer organizations. It is required to integrate participatory research, farmer-based research, research for diversified values, and livelihood research with the conventional research going on in universities.
13. The relevance of agricultural sector in the society continues and hence agriculture and agricultural education needs continuous policy and funding support by state and central government. It is also required that universities tap support from CSR and other funds. It is required to empower SAUs to enable them to respond to present needs.

Declaration

We the Representatives from State Agricultural Universities, assembled at Indira Gandhi Krishi Vishwavidyalaya, Raipur on 12 and 13 December 2019 to rethink undergraduate agricultural education;

- *Recognize that the whole exercise on undergraduate agricultural education need to be reoriented and the focus on shifting towards transforming the students into entrepreneurs and agri-business person.*
- *We also recognize that IAUA needs to play a pivotal role in rapidly changing workplace in agriculture and allied sectors, nationally and globally, and serve as the think-tank to develop suitable model of undergraduate agricultural education, which should be dynamic enough to deal with the opportunities and crises that may arise in future agriculture.*
- *Evidence-based research and advocacy are important functions of think-tanks, and we are expected to provide advice and encourage partnerships between key stakeholders. We recognize to work in partnership with experts in SAUs, ICAR, CGIAR, international/foreign universities, other organizations engaged in transforming rural life, practitioners, entrepreneurs, successful agri-businesses, progressive and innovative farmers in order to design course and curriculum/curricula and create a knowledge, innovation and entrepreneurial support system, and maintain repository of good governance and best educational practices in order to make undergraduate education system sustainable.*

INTERNATIONAL LINKAGES AND 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) in 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), USA
- Florida Agricultural and Mechanical University (FAMU), USA

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

Visit of the Scientists for International participation during the year 2019-20.

- President, IAUA Dr A.R. Pathak visited Bangkok, Thailand during 13 -14 June 2019 to attend APAARI Executive Committee Meeting.



Dr A.R. Pathak at ECM of APAARI, Bangkok

- Executive Secretary (ES), IAUA Dr R.P. Singh visited Florida Agriculture & Mechanical University, USA from 3 – 8 November, 2019 to give the presentation on “From Begging Bowl to Food and Nutritional Security through Agricultural Education, Research and Extension: The Indian Way of Feeding the Millions.”

AWARDS

AGRICULTURAL UNIVERSITY, KOTA (RAJASTHAN)

Best Centre Award

The ICAR-Indian Institute of Pulse Research, Kanpur (Uttar Pradesh) adjudged and conferred the "Best Centre Award 2019" to All India Coordinated Research Project on MULLaRP of Agricultural Research Station, Kota, of Agricultural University, Kota, Rajasthan, for developing high yielding varieties of lentil, urdbean and rajma.



Best Centre Award 2019 to ARS Kota

CHAUDHARY CHARAN SINGH HARYANA AGRICULTURAL UNIVERSITY, HISAR (HARYANA)

Haryana Kisan Ratna Award to CCSHAU

The Haryana Government awarded the CCSHAU, Hisar its first Haryana Kisan Ratna Puraskar for its outstanding and commendable contribution in the field of agriculture.



Shri Ramnath Kovind, President of India presented the award to VC of CCS HAU Prof. K.P Singh

Krishi Shiksha Samman Award

The prestigious Krishi Shiksha Samman Award was awarded to the CCSHAU, Hisar by Mr Amitabh Kant, CEO, Niti Ayog. Prof. K.P Singh, VC, received the award (on behalf of the university). This is the second occasion when the CCSHAU was given this award. Earlier it was presented to the university in 2015.



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

First Rank among SAUs in India

The GBPUAT, Pantnagar was ranked as the Best State Agricultural University among all the 67 State Agricultural Universities of India in the ranking of ICAR. Dr Tej Pratap, Vice Chancellor, was presented the award by Shri Narendra Singh Tomar, Union Agricultural & Farmers Welfare Minister, during a function held on the occasion of 91st Foundation Day of the ICAR, and the Union Ministers of State, Shri Parshottam Rupala and Shri Kailash Choudhary, were also present at NASC Complex Pusa Campus, New Delhi, on 16 July 2019. The university was also ranked overall third amongst all the ICAR institutions, including deemed-to-be universities, in this ranking of the ICAR.



Shri Narendra Singh Tomar, handing over Best University Award to Dr Tej Pratap

National Award to Community Radio Service

The Community Radio Service of the University, Janvani, got National Community Radio Award for its on-Community Engagement and Empowerment. Shri Pakash Javadekar, Union Minister of Information and Broadcasting, and Shri Amit Khare, Secretary in the ministry presented the award. Dr S.K. Kashyap, Joint Director of CRS and Professor and Head, Department of Agricultural Communication, received the award during the Seventh National Community Radio Sammelan, held at Dr B.R. Ambedkar Bhawan, New Delhi during 26–27 August 2019. The function was organized by the Ministry of Information and Broadcasting, Government of India.



Shri Prakash Javadekar, presenting the award to Dr. Shivendra Kashyap

Award to Scientists

Dr Jai Prakash Jaiswal, Professor and In-charge, Wheat and Barley Programme of the University was honoured with prestigious Padma Shri Dr M.V. Rao Memorial Award-2019 on 26 August 2019 during 58th All-India Wheat and Barley Research Workers' Meet at IARI Regional Centre, Indore. Dr Trilochan Mahapatra, Director General, ICAR, New Delhi, honoured him for his outstanding contributions in the field of Wheat Breeding. Besides, Certificate of Land-Mark Variety was given to Dr P.K. Shrotria, Senior Sorghum Breeder, by Indian Society of Genetics and Plant Breeding for the development of sorghum hybrid CSH 24 MF.



Dr J.P. Jaiswal receiving the award from Dr Trilochan Mahapatra

Dr Shefali Massey, Assistant Professor, College of Home Science, received Women Scientist Award in the 4th International Conference on 'Innovative Approaches in Applied Sciences and technologies, held at Mahsa University, Kuala Lumpur (Malaysia) during 25-29 June 2019. She presented her research paper entitled, 'Comfort-related properties of organic cotton fabric finished with herbal oils'.



Dr Shefali Massey receiving Women Scientists Award

Award to Dr J.P. Jaiswal

Dr J.P. Jaiswal, senior wheat scientist of Department of Genetics and Plant Breeding, College of Agriculture of the university was awarded with 'Dr R.B. Ekbote Award' in recognition to his significant research contribution in the area of Genetics and Plant Breeding. This award instituted by R.N. Nagarkar Foundation of Pune was administered by Maharashtra Association for the Cultivation of Science (MACS). The award was given by Dr J.R. Bapat, President of the association on the occasion of Prof. S.P. Agharkar Memorial Oration.



Dr J.P. Jaiswal receiving the award

INDIRA GANDHI KRISHI VISHWAVIDYALAYA, RAIPUR (CHATTISGARH)

Plant Genome Saviour Award

The woman farmer's group 'Adarsh Mahila Atma Samuh' of Durg District of Chhattisgarh, was felicitated with "Plant Genome Saviour Award" at New Delhi. This national award was entrusted by the Government of India's Protection of Plant Varieties and Farmers' Rights Authority (PPVFRA). Rs. 10 lakh was given to 'Adarsh Mahila Atma Samuh' for preserving and promotion of rare traditional rice varieties. Moreover, progressive farmer Leelaram Sahu of Dhamtari district of Chhattisgarh was awarded with cash prize of Rs. 1.50 lakh under 'Plant Genome Saviour Award' for preservation of Niranjana Brinjal by KVK Dhamtari. These prestigious awards were conferred by Shri Narendra Singh Tomar, Union Minister, Ministry of Agriculture and Farmers Welfare. During the award ceremony, Dr S.K. Patil, Vice-Chancellor and Dr Deepak Sharma, Principal Scientist, Department of Genetics and Plant Breeding were present.



Shri Narendra Singh Tomar presenting award to Zeelaram Sahu- Farmer

Hansa Award

Dr S.K. Patil, Vice-Chancellor was awarded with prestigious Hansa Award 2019 entrusted by Astha Foundation, Meerut, Uttar Pradesh, during an International Conference on Global Research Initiative for Sustainable Agriculture and Allied Sciences (GRIASS) 2019 held at National Academy of Agricultural Research Management (NAARM), Hyderabad. Dr S.K. Patil, was awarded for his outstanding contribution for promoting and encouraging agricultural education, research and extension work.



Dr S.K. Patil receiving Hansa Award from Astha Foundation

Best AICRP Cashew Centre Award

Shaheed Gundaadhar College of Agriculture and Research Station (SGCARS), Jagdalpur, has bagged award of best performing center in research on cashew. The award has been conferred upon by the ICAR in the plenary session of the three-day annual group meeting of the All-India Coordinated Research Project (AICRP) on Cashew held at University of Horticultural Sciences, Bagalkot. The award was presented to scientists Dr Vikas Ramteke and Dr Yaspal Singh Nirala working in the project by Dr W. S. Dillion, Assistant Director General (Horticultural Science), ICAR, and Dr M. G. Mayak, Director of Directorate, Cashew Research, Puttur.



Best AICRP Cashew Centre Award to IGKV, Raipur

The IGKV's centre won the best award among 14 centres of the country. The centre was recognized for the establishment of new fields, evaluation of germplasm accessions, conduct of various trials, field maintenance, timely submission of data and reports, responsiveness to various queries and fund utilization.

Outstanding Award

Dr Ratna Nashine, Dean, College of Agriculture, Narayanpur, Chhattisgarh received "Outstanding Achievement Award 2019" in the field of Extension Education. The award was presented by Shri Rajendra Singh Yadav, Minister for Planning (Manpower), Social Justice & Empowerment, Disaster Management, Rajasthan in presence of Dr N.S. Rathore, former DDG, IMD and Dr A.K. Gupta, Director Research, SKANU, Jaipur, Rajasthan, at International conference IPASSARD 2019 at Jaipur.



Dr Ratna Nashine receiving the award

MAHARASHTRA ANIMAL AND FISHERY SCIENCES UNIVERSITY, NAGPUR (MAHARASHTRA)

Honorary Rank of Colonel to Prof. A.M. Paturkar

The Ministry of Defence, Government of India granted Prof. A.M. Paturkar, Vice Chancellor, the honorary rank of Colonel in the National Cadet Corps, and appointed him as Colonel Commandant of NCC, MAFSU. This rank was conferred on 30 April 2019 by Major General Gajendra Prasad, Additional Director-General, Maharashtra Directorate, in a modest ceremony at Rajat Jayanti Sabhagraha, Nagpur Veterinary College, Nagpur. On this occasion senior officers of the university, students and NCC cadets were present.



Conferment of Honorary Rank of Colonel to Prof. A.M. Paturkar

Honors to Dr Adhiti K. Bhanotra

Dr Adhiti K. Bhanotra, Assistant Professor, Department of Veterinary and Animal Husbandry Extension, Mumbai Veterinary College was conferred with "Women Extension Scientist Award" and "Best Poster- Presentation Award" for the paper entitled "Documentation and validation of indigenous technical knowledge on animal health care and treatment". The authors were Dr Adhiti Bhanotra, Ms Jancy Gupta, Shri Manish Sawant and Ms Mrunal Warthi. The paper was presented during the third National Conference of Society for Veterinary and Animal Husbandry Extension, held on 'Livestock Development for Societal Needs: Extension and Allied Sectors Initiatives' organized by G.B. Pant University of Agriculture and Technology, Pantnagar, Uttarakhand during 3-5 April, 2019.



Dr Adhiti K. Bhanotra, receiving "Women Extension Scientist Award"

Best Teacher Award to Dr S.P. Waghmare

Dr S.P. Waghmare, Professor, Department of Veterinary Clinical Medicine, Post Graduate Institute of Veterinary and Animal Sciences, Akola, received the prestigious "Best Teacher Award" for his contribution in teaching, research and extension. The award was given on behalf of Senior Veterinary Foundation, Pune on 26 May 2019 by Shri Dipak Maisekar, Divisional Commissioner, Pune, Maharashtra.



Dr S.P. Waghmare receiving Best Teacher Award

Best Poster Award to Dr V.M. Vaidya

Dr V.M. Vaidya received the Best Poster Award (Second Position) during the 'Zoonosis and Public Health Session' in Sixteenth Annual Symposium of the Indian Association of Veterinary Public Health Specialists (IAVPHS) and National Conference for the paper entitled "Serodiagnosis of Hydatidosis in Buffaloes by Flow through Assays". The authors were Drs V.M. Vaidya, A.M. Paturkar, R.J. Zende, S. Sankpal and S.S. Bhawe. Dr A.M. Paturkar, VC, MAFSU, and Dr J.P.S. Gill, General Secretary of IAVPHS, as well as other respected members of the IAVPHS presented this award.



Dr V.M. Vaidya receiving Best Poster Award

Reviewer Excellence Award-2019 to Dr D.N. Bajad

Dr D.N. Bajad, Professor, Department of Dairy Chemistry, College of Dairy Technology, Warud (Pusad) was honoured with the Reviewer Excellence Award-2019 for his outstanding contribution to the Asian Journal of Dairy & Food Research by Agricultural Research Communication Centre, Haryana.



Dr D.N. Bajad

Dr Shital Chopde Commissioned as Lieutenant in NCC

Dr Shital Chopde, Assistant Professor, Department of Animal Nutrition, Nagpur Veterinary College, Nagpur was commissioned as Lieutenant on 13 April 2019 after undergoing a rigorous training of three months at NCC Officers' Training Academy, Gwalior. Lt. Shital Chopde joined as Associate NCC Officer at Maharashtra and Remount and Veterinary Squadron NCC, Nagpur. The only NCC unit in Maharashtra Animal & Fishery Sciences University Nagpur, where the training of Horse riding is being imparted to the Senior Division and Senior Wing NCC cadets. This Unit is also playing a key role in shaping the career of cadets and inculcating discipline and patriotism in them.



Dr Shital Chopde

Upgraded Rank to MAFSU in ICAR Agricultural University Ranking

The Division of Agricultural Education of Indian Council of Agricultural Research, New Delhi published the list of rankings of Agricultural Universities in India, where MAFSU, Nagpur ranked 28th in all sixty Agricultural universities across India. Among State Agricultural Universities in Maharashtra, MAFSU stands second.

CLFMAU Award to Col. (Prof.) A.M. Paturkar

Col.(Prof.) A.M. Paturkar, Vice Chancellor, received Compound Livestock Feed Manufacturers Association CLFMA Award considering his excellence of service in the field of Livestock Sector. The award was conferred on the occasion of 52nd Annual General Meeting and 61st National Symposium-2019, held during 22-23 August 2019 at New Delhi.



Prof. A.M. Paturkar, receiving CLFMA Award

Fellow of IMSA Award to Dr Ravindra Zende

Dr Ravindra Zende, Professor, Department of Veterinary Public Health, Mumbai Veterinary College, Mumbai, received the prestigious Fellow of Indian Meat Science Association (IMSA) Award at the 9th IMSACON & International Symposium on "Advances in Production, Processing and Quality Assurance of Muscle Foods for Improved Health and Nutritional Security" during 6 -8 November 2019 organized by Department of Livestock Products Technology, DGCN College of Veterinary & Animal Sciences, CSK HPKV, Palampur (Himachal Pradesh) in collaboration with Indian Meat Science Association.



Dr Ravindra Zende receiving the prestigious Fellow of IMSA Award

Young Scientist Award for Best Oral Presentation

Dr Megha Kaore, Assistant Professor, Veterinary Pathology, NVC, Nagpur, received Young Scientist Award for Best oral presentation and First Prize for Best case presentation award of Indian College of Veterinary Pathologists at XXXVI Annual Conference of Indian Association of Veterinary Pathologists at Aizawl, 6 -8 November 2019.



Dr Megha Kaore receiving Young Scientist Award

Veterinary Medicine, COVAS, Udgir, Bags Awards

Dr P.B. Hase, Assistant Professor, Department of Veterinary Medicine, College of Veterinary and Animal Science (COVAS), Udgir, received First Best Oral Presentation Award for "Snake envenomation and successful recovery in cattle: a review" guided by Dr A.U. Bhikane and also Best Participation Award in the Annual convention of Veterinary Internal and Preventive Medicine Society (VIPM), and national symposium organized during 8-9 November 2019 at College of Veterinary Science, Mathura (DUVASU), Uttar Pradesh. The PG student of the department Dr Y.M.



Dr P.B. Hase receiving award

Wankhede presented poster on "An overview on successful recovery of hepatic jaundice in cattle" authored by Y.M. Wankhede, P. B. Hase, A.U. Bhikane, R. K. Jadhav and K.S. Kedar, and received the Second-Best poster presentation award.

Dr A.U. Bhikane Conferred with Arogya Sevaratna Award

Dr A.U. Bhikane, Professor and Head, VCM was conferred with Arogya Seva Ratna by the Saptafere foundation, Latur on 20 November 2019 from Mr Nagnath Nidawade, Vice Chairman, Marathwada Irrigation Board in presence of Dr Rajesh Darade and Sanjay Rajule for the dedicated services in the field of veterinary science as well as social work.



Dr A.U. Bhikane honored with Arogyaratana Puraskar

Model Veterinarian Award to Dr S.M. Durge

Dr S.M. Durge, Subject Matter Specialist (Animal Nutrition), Department of Livestock Farm Complex, COVAS, Udgir, received 'Model Veterinarian Award' in the Category of 'Innovative Young Agriculture Scientist' in Krishithon – Yuva Sanman 2019 on 21 November 2019 at Nashik, Maharashtra.



Dr S.M. Durge receiving Award

First Prize in Poster Presentation to Dr P.V. Patil

Dr P.V. Patil received First prize for poster presentation on 'Assessing the chemical composition of azolla during different stages of growth and effect of feeding azolla+ DDGS on body weight gain of Deoni calves' in National Symposium organized during 26 to 27 November 2019 at PGIVAS, Akola.



Dr P.V. Patil receiving first prize

Best Teacher Award to Dr S.V. Kuralkar

Dr S.V. Kuralkar, Professor and Head, Department of Animal Genetics and Breeding, Post Graduate Institute of Veterinary and Animal Sciences, Akola, received the "Best Teacher Award" in recognition of significant contribution in teaching, research and extension from Vice Chancellor, MAFSU, Nagpur on 26 November 2019 during the inaugural function of National Symposium cum 3rd Alumni Meet organized by PGIVAS, Akola Alumni Association at Akola.



Dr S.V. Kuralkar receiving Best Teacher Award

Best Research Award 2018 to Dr V.M. Vaidya

Dr V.M. Vaidya, Assistant Professor, Department of Veterinary Public Health, Mumbai Veterinary College, Mumbai, received the MAFSU Best Research Award 2018 for the article 'Cystic echinococcosis in animals and humans of Maharashtra state, India' published in Acta Parasitologica (authored by- V.M. Vaidya, R.J. Zende, A.M. Paturkar, M.L. Gatne, D.G. Dighe, R.N. Waghmare, S.L. Moon, S.S. Bhawe, K.G. Bengale and N.V. Nikhale) on the occasion of 19th Foundation Day of MAFSU at Nagpur by Vice Chancellor, MAFSU, Col. (Prof.) A.M. Paturkar on 3 December 2019.



Dr V.M. Vaidya receiving Award 2018

IPSA Fellow Award to Dr S.J. Manwar

The Indian Poultry Science Association appreciated Dr S.J. Manwar, Professor of Poultry Science, PGIVAS, Akola, for his outstanding contributions to Poultry Science Research, Education and Extension and was conferred with the Fellowship of IPSA on 11 December 2019 on the occasion of XXXVI Annual Conference & National Symposium of Indian Poultry Science Association i.e. IPSACON-2019 held at Kamdhenu Vishwavidyalaya, Durg, Chhattisgarh, by Shri Ravindra Choubhe, Minister for Agricultural and Animal husbandry, Chhattisgarh in presence of the Dr A.K. Misra, Chairman, ASRB, New Delhi and Dr N.P. Dakshinkar, Vice Chancellor, Kamdhenu Vishwavidyalaya, Durg, Chhattisgarh.



Dr S.J. Manwar receiving the Award

First Prize in Poster Presentation

Dr Deepashree N. Desai, Sectional Head of Poultry Science, Mumbai Veterinary College, Mumbai, bagged the First prize in the Poster Presentation in Poultry Nutrition session during the XXXVI Conference of Indian Poultry Science Association (IPSACON 2019) held at Kamdhenu Vishwavidyalaya, Durg, Chhattisgarh during 11 – 13 December 2019 for the M.V.Sc. research work completed in the Department of Poultry Science, Mumbai Veterinary College, Mumbai.



Dr Deepashree N. Desai

Gold Medal to Dr Shahir

Momentous occasion for the Department of Surgery and Radiology, Mumbai Veterinary College, Mumbai, as gold medal for the best oral presentation on “Laproscope Assisted Diagnosis and Diaphragmatic Herniorrhaphy in Dogs” was awarded to Dr Shahir, SMS, Mumbai Veterinary College, Mumbai, at the 43rd Indian Society for Veterinary Surgery (ISVS) conference at College of Veterinary Sciences (COVS), Hisar.



Dr Shahir receiving gold medal

Dr S.B. Akhare Awarded Fellowship of ISVS

Dr S.B. Akhare, Professor, Department of Surgery & Radiology, Nagpur Veterinary College, Nagpur, has been awarded the Fellowship by the Indian Society for Veterinary Surgery for his contribution in the field of Veterinary Surgery & Radiology. The Fellowship was conferred on him during the inaugural session of 45th National Symposium of the ISVS held at College of Veterinary Science, Lala Lajpat Rai University of Veterinary and Animal Sciences (LUVAS), Hisar, Haryana on 14 November 2019. The Fellowship was awarded by the President, ISVS, Dr Gajraj Singh.



Dr S.B. Akhare receiving Fellowship of ISVS

Best Poster Presentation Award to Dr Mahesh Rangnekar

Dr Mahesh Rangnekar, Assistant Professor, Department of Animal Reproduction, Gynaecology and Obstetrics, KNPCVS, Shirwal, received the Best Poster Presentation Award-2019 in the Scientific Session of XXXV Annual Convention of the Indian Society for Study of Animal Reproduction (ISSAR) and International Symposium on “Global Perspective to Enhance Livestock Fertility through Modern Reproductive Techniques for Doubling Farmers’ Income” organized by Department of Veterinary Gynecology and Obstetrics, Veterinary College and Research Institute, Namakkal, Tamil Nadu Veterinary and Animal Science University, Tamil Nadu during 18 -20 December 2019.

Best Ph.D. Thesis Award to Dr Atul Dhok

Dr Atul Dhok, Assistant Professor, Department of Animal Nutrition, Nagpur Veterinary College, Nagpur, received prestigious Dr S.K. Ranjhan Award for the best Ph.D. thesis. He completed Ph.D. work under the guidance of Dr A.D. Deshmukh, Professor and Head, Department of Animal Nutrition on “Studies on Methane Production Potential of



Different Feedstuffs and Mitigation through Feed Supplements in Buffaloes". The award was conferred during the International Conference of Animal Nutrition at Kolkata on 17 December 2019 by the Stalwart in Animal Nutrition Dr S.K. Ranjhan in presence of other dignitaries.

Best Paper Presentation Award to Dr. Atul Dhok

Dr Atul Dhok, Assistant Professor, Department of Animal Nutrition, Nagpur Veterinary College, Nagpur, received the Best paper presentation award for his paper entitled "Supplementation of Linseed Oil for Methane Mitigation *in-vitro*, *in-vivo* and Its Effect on Production Performance of Buffaloes" at the International Conference of Animal Nutrition held at Kolkata during 17-19 December 2019.



ODISHA UNIVERSITY OF AGRICULTURE AND TECHNOLOGY, BHUBANESWAR (ODISHA)

Award to KVK, Angul

Krishi Vigyan Kendra, Angul under the OUAT, Bhubaneswar, was awarded Pandit Deendayal Upadhyay Rashtriya Krishi Vigyan Protsahan Puraskar-2018 for Zone V (ICAR-ATARI, Kolkata) of the ICAR. Shri Narendra Singh Tomar, Union Minister of Agriculture and Farmers' Welfare, Government of India presented the award to Dr P. K. Agrawal, Vice Chancellor, and Dr Bineeta Satapathy, Senior Scientist & Head, KVK, Angul. It was given on the occasion of 91st ICAR Foundation Day at New Delhi in the presence of Shri Parshottam Rupala and Shri Kailash Choudhary, Ministers of State (Agriculture and Farmers' Welfare) and Dr Trilochan Mohapatra, Secretary DARE&DG, ICAR, was also present on this occasion.



Shri Narendra Singh Tomar, giving away the Award

PUNJAB AGRICULTURAL UNIVERSITY, LUDHIANA (PUNJAB)

Honour to Dr Praveen Chhuneja

Dr Parveen Chhuneja, Director, School of Agricultural Biotechnology, was conferred the national level "Panjabrao Deshmukh Outstanding Woman Scientist Award" by the Indian Council of Agricultural Research for her excellent scientific contributions to Agricultural Biotechnology. This award was handed over to her at the ICAR Foundation Day, 16 July 2019 and Award Ceremony, held at New Delhi.



Dr Praveen Chhuneja, receiving the Panjabrao Deshmukh Outstanding Woman Scientist Award

MS Randhawa Library gets ICAR Award

Mohinder Singh Randhawa Library, PAU, has been conferred with the ICAR award for the J-Gate@CeRA Best User Profile Registrations 2019 in the North Zone, during the "J-gate@CeRA Regional Programme 2019," held for the libraries of North Zone Agricultural Universities and Institutes of ICAR at the National Agricultural Science Centre Complex, New



Delhi, for creating maximum number of user profiles in Consortium for e-Resources in Agriculture (CeRA).

Appreciation Award for AICRP on Fodder Crops

The All India Coordinated Research Project on Fodder Crops and Utilization in the Forage and Millet Section, Department of Plant Breeding and Genetics, PAU, has been conferred with the Appreciation Award during the Annual Group Meet held at Central Agricultural University, Imphal, Manipur during 2019. Drs Rahul Kapoor, Ashlesha Singla, Maninder Kaur and Meenakshi Goyal participated in the National Group Meet Rabi 2019-20, and received this award.



PAU Conferred the Appreciation Award

Best Organic Farming Centre Award

The Punjab Agricultural University Centre of 'All-India Network Programme on Organic Farming' has been awarded the "Best Centre Award" for the year 2018-19 during the Annual Group Meeting, held at Port Blair. Dr B.S. Dhillon, Vice-Chancellor, PAU congratulated Dr C.S. Aulakh, Principal Investigator and Director, School of Organic Farming and his team for this award.

Individual Scientist's Contributions

Dr A.S. Dhatt, Head (Vegetable Science)-cum-Additional Director of Research (HSF) received Dr Kirti Singh Gold Medal from Horticultural Society of India, New Delhi on 29 November, 2019.



Dr A.S. Dhatt



Dr Kumari Neelam

Dr Kumari Neelam, Assistant Biotechnologist, School of Agricultural Biotechnology, has been selected for the prestigious Indo-U.S. Fellowship for Women in STEMM (WISTEMM - Overseas Fellowship program,) supported by the Department of Science and Technology, Government of India, for conducting the research on 'Multiplex genome editing for translational research aimed at designing novel resistance against bacterial blight in rice', at the University of Maryland, USA.

PROFESSOR JAYASHANKAR TELANGANA STATE AGRICULTURAL UNIVERSITY, HYDERABAD (TELANGANA)

Honors to Dr V. Praveen Rao

Dr V. Praveen Rao, VC, PJTSAU received the "Leader with Strategic Vision Award" at Agribusiness Summit & Agri Awards- 2019, held at Hotel Park Hyatt, Hyderabad on 27 April 2019 from Shri Singireddy Niranjan Reddy, Agriculture Minister, Government of Telangana. Dr Rao was lauded for his efforts in bringing about innovative academic reforms in agricultural education, research and extension that has catapulted the PJTSAU the youngest agricultural university to 6th position at the national level as per the ICAR ranking-2018.



Dr V. Praveen Rao, VC, PJTSAU receiving the Award

Awards to Miss V. Manasa Reddy

Miss V. Manasa Reddy, student from Agricultural College, Jagtial, received one silver and one bronze medal in Fourth International Turkish Open Kick-boxing Tournament- 2019, held at Antalya, (Turkey) during 4-7 April, 2019 under senior musical forms (19 - 40 years) in category Soft Style weapon and Soft Style.

SARDARKRUSHINAGAR DANTIWADA AGRICULTURAL UNIVERSITY, SARDARKRUSHINAGAR (GUJARAT)

Achiever's Veterinarian Award

Prof. Veer Singh, Professor & Head, Department of Veterinary Parasitology, Sardarkrushinagar Dantiwada Agricultural University, Sardarkrushinagar was honored with "Achiever's Veterinarian Award" for Visionary Leadership in Veterinary Profession, in 'International Conference on Emerging Challenges to Veterinary Profession' Organized by Indian Veterinary Association. It was held at NASC Complex, New Delhi during 26-27 July 2019. He had presented a lead paper on 'Contemporary issues in veterinary profession for augmenting animal health; and also chaired a session 'Challenges to Veterinary Profession'.



Prof. Veer Singh, honored with the Achiever's Veterinarian Award

VASANTRAO NAIK MARATHWADA KRISHI VIDYAPEETH, PARBHANI (MAHARASHTRA)

Awards to AICRP on Dryland Research

AICRP on Dryland Research of VNMKV, Parbhani bagged the ICAR's Vasantao Naik National Award for the year 2018 during the ICAR's 91st Foundation Day celebrations. These were held at the National Agricultural Science Centre Complex, Pusa Campus, New Delhi on 16 July, 2019. Dr A.S. Dhawan, Vice-Chancellor; Dr D.P. Waskar, Director of Research; and Dr B.V. Asewar, team leader of the scientists of AICRP for Dryland Research, received the coveted award. Shri Narendra Singh Tomar, Union Minister of Agriculture and Farmers' Welfare was President of the award ceremony.



Award Ceremony Celebrations

The Union Ministers of State for Agriculture and Farmers' Welfare, Shri Parshottam Rupala and Shri Kailash Choudhary, along with Shri B.D. Sharma, Member of Parliament, and Dr Trilochan Mohapatra, Secretary (DARE) & DG (ICAR) were present during the occasion.

The research centre was conferred with this award for its commendable scientific contributions made in dryland agriculture. The project on 'Development of climate resilient technology to cope with drought situations in Marathwada region of Maharashtra' was executed at the AICRP for Dryland Agriculture, Parbhani (main centre) and at three villages of Parbhani districts in about 1,250 farmers' fields through participatory mode. Fourteen out of 19 technologies were included into the university package. Further, these technologies were adopted by the Government of Maharashtra in its flagship programme on Jalyukta Shiwar and Project on 'Climate Resilient Agriculture'. The dryland technologies like farm pond, open well and bore well-recharging technology, conservation furrow, broad bed and

furrow (BBF), tied ridging, intercropping, contingency crop planning and stress management practices were implemented on farmers' field. The weather forecasting and the agro advisory were timely provided to the farmers of the National Initiative on Climate Resilient Agriculture-adopted village. Custom-hiring centres were established. Further, the centre is imparting training to the officials of the State Department of Agriculture, and line department, KVKs, NGOs, Agricultural Technology Management Agency officials as well as farmers. The centre is playing a key role in providing technical inputs to the mission mode projects like Dryland Farming Mission and Project on Climate Resilient Agriculture of Government of Maharashtra for drought proofing of Marathwada region. The team of scientists of AICRP for Dryland Research Station includes Drs B.V. Asewar, Madan Penke, Surendra Choulwar, Dr Anil Gore, Megha Jagtap, Ganesh Gaikwad, Papita Gourkhede, Ravindra Chary of CRIDA, Hyderabad were recipients of the award.

IAUA MEMBER AGRICULTURAL UNIVERSITIES

State Agricultural Universities: 40

1. Acharya Narendra Deva University of Agriculture & Technology, Kumarganj, Ayodhya – 224229 (Uttar Pradesh)
2. Acharya N.G. Ranga Agricultural University, LAM, Guntur – 522034 (Andhra Pradesh)
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 (Uttar Pradesh)
7. Bidhan Chandra Krishi Vishwavidyalaya, Mohanpur (District Nadia) – 741252 (West Bengal)
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 Vishwa Vidyalaya, Palampur – 176062 (Himachal Pradesh)
12. C.S. Azad University of Agriculture & Technology, Kanpur – 208002 (Uttar Pradesh)
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 (Madhya Pradesh)
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 Jayashankar Telangana State Agricultural University, Hyderabad– 500030 (Telangana)
26. Punjab Agricultural University, Ludhiana – 141004 (Punjab)
27. Rajmata Vijayaraje Scindia Krishi Vishwa Vidyalaya, Gwalior – 474002 (Madhya Pradesh)
28. Sam Higginbottom University of Agriculture, Technology & Sciences, Prayagraj – 211007 (Uttar Pradesh)
29. Sardarkrushinagar Dantiwada Agricultural University, Sardarkrushinagar – 385506 (Gujarat)
30. Sardar Vallabh Bhai Patel University of Agriculture & Technology, Meerut – 250110 (Uttar Pradesh)
31. Sher-e-Kashmir University of Agricultural Sciences & Technology, Jammu – 180009 (Jammu & Kashmir)

32. Sher-e-Kashmir University of Agricultural Sciences & Technology of Kashmir, Srinagar – 190025 (Jammu & Kashmir)
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 (Tamil Nadu)
36. University of Agricultural Sciences, Bengaluru – 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 (West Bengal)
40. Vasantrya Naik Marathawada Krishi Vidyapeeth, Parbhani – 431402 (Maharashtra)

Central Agricultural Universities: 4

41. Banaras Hindu University, Varanasi – 221005 (Uttar Pradesh)
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 (Uttar Pradesh)

State Horticultural Universities: 6

45. Dr Y.S. Parmar University of Horticulture & Forestry, Nauni – 173230 (Himachal Pradesh)
46. Dr Y.S.R. Horticultural University, Tadepalligudem – 534101 (Andhra Pradesh)
47. Sri Konda Laxman Telangana State Horticultural University, Mulugu – 502279 (Telangana)
48. University of Agricultural and Horticultural Sciences, Shivamogga – 577225 (Karnataka)
49. University of Horticultural Sciences, Udyanagiri, Bagalkot – 587104 (Karnataka)
50. 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 (Madhya Pradesh)
60. Pt. Deen Dayal Upadhyaya Pashu Chikitsa Vigyan Vishwa Vidyalaya Evam Go Anusandhan Sansthan, Mathura – 281001 (Uttar Pradesh)
61. P.V. Narsimha Rao Telangana Veterinary University, Hyderabad – 500030 (Telangana)
62. Rajasthan University of Veterinary and Animal Science, Bikaner – 334001 (Rajasthan)

63. Sri Venkateswara Veterinary University, Tirupati – 517502 (Andhra Pradesh)
64. Tamil Nadu Dr J. Jayalalithaa Fisheries University, Nagapattinam – 611002 (Tamil Nadu)
65. Tamil Nadu Veterinary & Animal Sciences, University Chennai – 600051 (Tamil Nadu)
66. West Bengal University of Animal and Fishery Sciences, Kolkata – 700037 (West Bengal)

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 (Uttar Pradesh)
70. National Dairy Research Institute, Karnal – 132001 (Haryana)

* Central University with agricultural faculty

VICE-CHANCELLORS

Relinquishments

S.No.	Name	University	Retirement date
1	Dr H.C Sharma, VC	Dr YSPUH&F, Nauni	08.07.2019
2	Dr Gaya Prasad, VC	SVBPUAT, Meerut	14.07.2019
3	Dr Ashok. A. Patel, VC	SDAU, Sardarkrushinagar	27.07.2019
4	Dr K.M Bujarbaruah, VC	AAU Jorhat	31.07.2019
5	Dr N.C. Patel, VC	AAU, Anand	06.08.2019
6	Dr A.R. Pathak, VC	JAU, Junagadh	06.10.2019
7	Dr S. Solomon	CSAU&T, Kanpur	12.12.2019
7	Dr C.J. Dangaria, VC	NAU Navsari	02.01.2020
8	Prof. Purnendu Biswas	WBUAF&S, Kolkata	10.02.2020
9	Dr P.D. Juyal	NDVSU, Jabalpur	25.02.2020

Appointments

S.No.	Name	University	Appointment date
1	Dr Pawan Kumar Aggarwal, VC,	OUA&T, Bhubaneswar	14.05.2019
2	Dr Prof. M R Saseendranath , VC,	KVASU, Wayanad	24.07.2019
3	Dr D.C. Joshi, VC,	AU, Kota	22.08.2019
4	Dr R.P. Singh, VC,	SKRAU, Bikaner	23.08.2019
5	Dr Narendra Singh Rathore, VC,	MPUAT, Udaipur	24.08.2019
6	Dr Jeet Singh Sandhu, VC,	SKNAU, Jobner	28.09.2019

7	Dr Ashok Kumar Singh, Director	IARI, New Delhi	18.01.2020
8	Dr M.S. Chauhan, Director	NDRI, Karnal	30.01.2020
9	Dr D.R. Singh, VC	CSAUA&T, Kanpur	11.02.2020
10	Prof. Chanchal Guha, VC	WBUAF&S, Kolkata	02.03.2020
11	Dr S.P. Tiwari, VC	NDVSVU, Jabalpur	02.03.2020

PUBLICATIONS

1. *IAUA Newsletter*, 2020 (Quarterly): 4 issues
2. Proceedings:
 - a. 8th IAUA Regional Meeting of Vice-Chancellors on "Sharing Experiences and Strategies About Changing Paradigm of Agriculture University Governance Systems" held at GBPUAT, Pantnagar during 9 - 10 May, 2019.
 - b. 10th Brain-storming session on "Emerging Issues to Reform, Perform and Transform State Agricultural Universities for Sustainable Agricultural Development" held at Ch. Sarwan Kumar H.P. Krishi Vishwavidyalaya, Palampur, from 28 - 29 June, 2019.
 - c. 13th National Symposium on "Ranking of Agricultural Education" held at Chaudhary Charan Singh Haryana Agricultural University, Hisar during 19 - 20 September, 2019.
 - d. 44th Vice Chancellors Convention on "Rethinking Under-Graduate Agricultural Education" held at Indira Gandhi Krishi Vishwavidyalaya, Raipur during 12 - 13 December, 2019.
3. Telephone Diary and Monthly Planner, 2020

FUTURE PROGRAMME FOR 2021-22

1. 9th Regional Committee Meeting: June-2021, CIFE, Mumbai
2. 11th Brain Storming Session: May-2021, IGKV, Raipur
3. 14th National Symposium: Oct/Nov-2021, TNAU, Chennai
4. 45th VCs Convention: December, 2021, KUFOS, Kochi

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 assistance of 20 lakhs annually for organizing national - level events like Annual Conventions, National Symposia and Brain-storming sessions, etc.

The audited Statement of Accounts for the Year 2019-20 is given in **Auditor's Report**. It shows that total income of the Association is **Rs. 1,06,68,368** (i.e., Rs.7325000 as membership subscription, and **Rs. 31,18,368** as interest from bank) and **total expenditure Rs. 58,77,543**. At the close of the financial year 2019-20 the Association has **fixed deposits of Rs. 3,93,24,837** (Rupees Three crore Ninety-three lakhs twenty-four thousand eight hundred thirty-seven only).

ACKNOWLEDGEMENTS

The Association thanks Dr Tej Pratap, Vice Chancellor, Govind Ballabh Pant University of Agriculture and Technology, Pantnagar, for hosting **8th IAUA Regional Committee Meeting**; Dr A.K. Sarial, Vice Chancellor, Ch. Sarwan Kumar H.P. Krishi Vishwavidyalaya, Palampur, for organizing **10th Brainstorming Session**; Dr S.K. Patil, Vice Chancellor, IGKV, Raipur for hosting **44th VCs Convention**; and Dr K.P. Singh, Vice Chancellor, Chaudhary Charan Singh Haryana Agricultural University (Hisar) for hosting **13th National Symposium**.

The Association is also grateful to Dr A.R. Pathak, Vice Chancellor, JAU, Junagadh 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 B.S. Dhillon)

President, IAUA &

VC, PAU, Ludhiana, Punjab

AUDITOR'S REPORT (2019-20)

BHASIN RAGHVAN and CO.

CHARTERED ACCOUNTANTS

F-48, Bhagat Singh Market

(near Gole Market)

New Delhi- 110001

Ph: 23364607, 23361808, 23347845

Fax: 23348381

Email: bhasinraghavan@gmail.com

We have audited the attached Balance Sheet of INDIAN AGRICULTURAL UNIVERSITIES ASSOCIATION, PUSA CAMPUS, NEW DELHI as at 31st March 2020 together with Income & Expenditure Account and Receipts & Payment Accounts for the year ended as on that date. We certify that the said accounts are true and correct in terms of the books of account produced before us and explanations given during the year.

Bhasin Raghavan and Co

Chartered Accountants

FRN 000197N

Sd/-.

(Vikram Singh)

Partner

MS No. 093458

Place: New Delhi

Dated:

INDIAN AGRICULTURAL UNIVERSITIES ASSOCIATION

BALANCE SHEET AS AT 31ST MARCH 2020

Liabilities	Amount	Assets	Amount
Capital Fund:		Fixed Assets	1437326
Opening Balance	38604202		
(+) Surplus	4790825	Cash & Bank	
	43395026.76	Bank a/c-33643	4597872
Building Fund	2909439	Bank a/c-55638	2013811
Current Liabilities:			
		(Imprest Executive Secretary)	
		Bank A/c- Golden Jubilee	1295010
Advance Subscription Received		Fixed Deposit	39324837
Grant From ICAR	13200000	Int Accrued on FD	2602839
		Advance for Meeting	600000
Audit Fees Payable	14160	Others	
		TDS	1428532
		TCS	11071
		Contribution to ICAR	6000000
	59518626		59518625

Sd/-
26.03.2021
DR. S.K. ATIL
(PRESIDENT)

Sd/-
15.03.2021
DR. V. PRAVEEN RAO
(TREASURER)

Sd/-
05.03.2021
DR. DINESH KUMAR
(EXECUTIVE SECRETARY)

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:

Sd/-
(Vikram Singh)
Partner
Ms. No 093458

INDIAN AGRICULTURAL UNIVERSITIES ASSOCIATION

INCOME & EXPENDITURE ACCOUNT FOR THE YEAR ENDED 31.03.2020

Particulars	Amount	Particulars	Amount
Salary	1150945	Membership Fee & Subscription	7300000
Conveyance	349915	Bank interest	
Postage, telephone & internet	148700	Interest on FD	2787299
Printing	445981	Grant received from NABARD	250000
Stationery	19135		
Office maintenance	798879		
Computer maintenance	74436		
License fees	10000		
Electricity	211579		
Convention	1401769		
Brain storming session	450205		
Bank charges	5402		
Newsletter editing	16500		
Membership fees	349250		
Fish aquarium	3400		
Vehicle running & maintenance	51093		
Meeting expenses	5200		
Miscellaneous	25063		
Short and excess	1558		
Newspaper	2948		
Audit fee	49211		
Website expenses	46788		
Depreciation	259586.243		
Surplus for the year	4790824.76		
	10668368		10668368

Sd/-
26.03.2021
DR. S.K. PATIL
(PRESIDENT)

Sd/-
15.03.2021
DR. V. PRAVEEN RAO
(TREASURER)

Sd/-
05.03.2021
DR. DINESH KUMAR
(EXECUTIVE SECRETARY)

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:

Sd/-
(Vikram Singh)
Partner
Ms. No 093458

INDIAN AGRICULTURAL UNIVERSITIES ASSOCIATION

RECEIPTS & PAYMENT ACCOUNT FOR THE YEAR ENDED 31.03.2020

Particulars	Amount	Particulars	Amount
Opening Balance :		Salary	1150945
Cash at Bank	16289313	Conveyance	349915
Imprest executive a/c	71048	Postage, telephone & internet	internet
Fixed deposit	26617125	Printing	445981
Golden Jubilee A/c	1295010	Stationery	19135
	44272496	Office maintenance	798879
		Computer maintenance	74436
Subscription	7100000	License fees	0
		Electricity	211579
Bank interest		Convention	1401769
Main a/c	283103	Brain storming session	450205
ES a/c	47966	Bank charges	5402
	331069	Newsletter editing	16500
Grant in aid	245000	Membership fees	349250
		Fish aquarium	3400
Sale of car	200000	Vehicle running & maintenance	51093
		Meeting expenses	5200
Grant From ICAR	200000	Miscellaneous	25063
		Short and Excess	1558
Interest on FD	2707712	Newspaper	2948
		Audit fee	73750
		Website expenses	46788
		Purchase of car	1374924
		License fees	10000
		Advance for meeting	600000
		Closing Balance:	
		Cash at Bank	4597872
		Imprest executive a/c	2013811
		Golden Jubilee A/c	1502337
		Fixed deposit	39324837
			47438857
	55056277		55056277

Sd/-
26.03.2021
DR. S.K. PATIL
(PRESIDENT)

Sd/-
15.03.2021
DR. V. PRAVEEN RAO
(TREASURER)

Sd/-
05.03.2021
DR. DINESH KUMAR
(EXECUTIVE SECRETARY)

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:

Sd/-
(Vikram Singh)
Partner
Ms. No 093458

