

Evaluation Proforma for Ranking of Agricultural Universities for the year 2018

Brief Profile of the University:

1. Full Name and Address of the College: Rajasthan University of Veterinary and Animal Sciences, Bikaner
Bijey Bhawan Palace Complex,
Near Pt. Deen Dayal Upadhayay Circle,
Bikaner (Raj.) – 334001
vcrajuvas@gmail.com, www.rajuvas.org

2. Contact details of ICAR Nodal Officer :
Name : Prof. Sunil Maherchandani
Email : nodalrajuvas@gmail.com
Mobile : 09351205627
Landline No. :

3. Number of Students Passed out (2018):
UG : 96
PG : 85
Ph.D. : 21

4. Faculty Position as on 01.01.2018:

| | Sanctioned | In Position | % of Filled |
|------------------|------------|-------------|--------------|
| Colleges | 258 | 128 | 49.61 |
| Research Centres | 11 | 07 | 63.63 |
| AICRP | 04 | 04 | 100 |
| KVKs | 07 | 00 | 00 |
| Total | 280 | 139 | 49.64 |

5. University budget of Financial Year 2018-19 (in Lakhs)

i) State Government : 8290.78
ii) Central Government : 615.68
iii) Private Sector : 0
Total : 8906.46

| Parameters | Score | Score awarded |
|--|----------------|---------------|
| (A). TEACHING OUTCOME (IMPACT/QUALITY WEIGHTAGE 40% OR 40 MARKS) | | |
| A1. Number of students got ICAR-PG Scholarships (erstwhile JRF) during 2018/Number of UG students passed out (List to be enclosed as Annexure A1) (Maximum 1 mark) | 3.13 % | |
| If more than 5% of UG students got ICAR PG Scholarships (The students who cleared the exam but not awarded ICAR PG Scholarships not to be included.) | 1 mark | 00 |
| A2. Number of students got admission in Master's program during 2018 through ICAR entrance examination/Number of UG students passed out (List to be enclosed as Annexure A2) (Maximum 1 mark) | 12.50 % | |
| If more than 10% of UG students got admission at Masters level through ICAR entrance examination | 1 mark | 01 |
| A3. Students Performance at M.Sc. Level (List to be enclosed as Annexure A3) (Maximum 2marks) | 2.35 % | |
| If more than 5% of students got ICAR-JRF/SRF (erstwhile SRF) or equivalent (The students who cleared the exam but not awarded ICAR-JRF/SRF not to be included.) | 2 marks | 01 |
| A4. Students Performance at M.Sc. Level (List to be enclosed as Annexure A4) (Maximum 1mark) | 3.52 % | |
| If more than 10% of students got admission in Ph.D. through ICAR entrance examination | 1 mark | 00 |
| A5. ICAR Jawaharlal Nehru Award for Ph. D. thesis in 2018 (List to be enclosed as Annexure A5) (Maximum 2 marks) | NIL | 00 |
| If number is 1 | 1 mark | |
| If number is more than 1 | 2 marks | |
| A6. Percentage of ARS selections in the disciplines offered by University against available seats advertised by ASRB during 2018 (List to be enclosed as Annexure A6) (Maximum 3 marks) | NIL | 00 |
| Up to 5 per cent | 1 mark | |
| More than 5 per cent | 3 marks | |
| A7. Percentage of students qualified NET Exam in the disciplines of Agriculture and allied Sciences during 2018 (List to be enclosed as Annexure A7) (Maximum 3 marks) | 31.13 % | |
| Up to 5 per cent | 1 mark | |
| More than 5 per cent | 3 marks | 03 |
| A8. Percentage of faculty positions filled in teaching, research, extension, KVK, AICRP and at regional stations (with details of Positions filled and sanctioned cadre strength for each category) (List to be enclosed as Annexure A8) (Maximum 4 marks) | 49.64 % | |
| 60 to 70 % | 1 mark | 00 |
| 70 to 80 % | 2 marks | |
| If more than 80 % | 4 marks | |
| A9. Number of students admitted from overseas for Ph.D. during 2018 (List to be enclosed as Annexure A9) (Maximum 2 marks) | NIL | 00 |

| | | |
|---|--------------------------------|-----------|
| If number is up to 2 | 1 mark | |
| If it is more than 2 | 2 marks | |
| A10. National and International awards (such as those conferred by the National Organizations like ICAR, CSIR, DBT, DST, Government of India, international Bodies of repute like FAO, UN, CG Centres and Recognized National Sciences/ Engineering Academies) (earned by Faculty) in 2018 (List with only top 10 awards to be enclosed as Annexure A10) (Maximum 3 marks) | 10 | |
| If Number is 1 | 1 mark | |
| If Number is 2-4 | 2 marks | |
| If Number is more than 4 | 3 marks | 03 |
| A11. Best Institution/University Awarded by ICAR in 2018 in any field (Proof to be enclosed as Annexure A11) (Maximum 1 mark) | 1 mark | 00 |
| A12. Award in All India Youth Festival or All India Agri. University Sports Meet in 2018 (Proof to be enclosed as Annexure A12) (Maximum 1 mark) | NIL | 00 |
| 1 st , 2 nd or 3 rd Position in 2018 | 1 mark | |
| A13. Fellowship or Associateship of National Science Academies (NAAS, INSA, NAS, NAMS, INAE achieved during 2018 (List not more than five to be enclosed as Annexure A13) (Maximum 2 marks) | 01 | |
| Upto 1 | 1 mark | 01 |
| 2 or more | 2 marks | |
| A14. Percentage of Faculty with Ph.D. degrees obtained from universities from outside of the state where employed (List along with proof to be enclosed as Annexure A14) (Maximum 2 marks) | 17.98 % | |
| If less than 15 % | No marks | |
| 15 to 25 % | 1 mark | 01 |
| More than 25 % | 2 marks | |
| A15. Percentage of Faculty from the State other than the State in which university situated (List along with proof to be enclosed as Annexure A15) (Maximum 2marks) | 8.63 % | |
| Less than 20 % | No marks | 00 |
| 20 – 30 % | 1 mark | |
| More than 30 % | 2 marks | |
| A16. Percentage of Faculty with 3 months or more of Post-doctoral/Visiting scientist experiences abroad in 2018 (Maximum 1 mark) | NIL | |
| More than 3% of faculty strength | 1 mark | 00 |
| A17. Average footfall in library (Maximum 2 marks) | | |
| Up to 15 % of students/faculty in position visiting library daily | 1 mark | |
| More than 15 % of students/faculty in position visiting library daily | 2 marks | 02 |
| A18. CERA utilization in 2018 (Maximum 2 marks) | | |
| *CERA Utilization (number of hits/total number of students and faculty) (to be awarded for top 10 universities) * information will be collected from DKMA, ICAR | 2 marks 10102/341= 29.62 | |

| | | |
|--|---------|-----------|
| A19. Accreditation on 01.01.2018 (by ICAR) (copy of accreditation letter/certificate to be enclosed as Annexure A19). (Maximum 3 marks) | | |
| Accreditation granted for up to 2 years to the University | 2 marks | |
| Accreditation granted for up to 5 years to the University | 3 marks | 03 |
| A20. Implementation of recommendation of Fifth Deans, Committee/BSMA Committees. (copy of proceedings of Academic Council/ Board of Management, in which decision of implementation was taken, to be enclosed as Annexure A20) (Maximum 2 marks) | | |
| Fifth Deans Committee/BSMA Committees recommendations partially implemented (If not implemented in all the faculties / Colleges). | 1 mark | |
| Fifth Deans Committee/BSMA Committees recommendations fully implemented. | 2 marks | 02 |
| (B). RESEARCH (WEIGHTAGE 30 % OR 30 MARKS) | | |
| B1. Research Product – (No. of research articles including review articles per faculty member having NAAS rating of over 6.0 in 2018) (List of papers along with NAAS rating 2019 to be enclosed as Annexure B1). <u>Listing of publications below NAAS rating of 6.0 should not be made.</u> (Maximum 9 marks) | | 00 |
| Less than 0.5 papers per faculty member - | | |
| 0.6 – 1.0 papers per faculty member | | |
| 1.1 – 1.5 papers per faculty member | | |
| 1.6 – 2.0 papers per faculty member | | |
| More than 2.0 papers per faculty member | | |
| B2. Research Impact (Maximum 5 marks) NIL | | 00 |
| Percentage of faculty having h-index as 10 or more than 10 (to be obtained from Google Scholar) | | |
| If 2 to 5 Percent | | |
| If 6 to 10 Percent | | |
| If 10 to 20 Percent | | |
| If more than 20 Percent | | |
| B3. Research Excellence | | |
| (i) Patents granted during 2018 (Only patents granted along with proof to be listed as Annexure B3 (i)) (Maximum 6marks) | | 00 |
| Per patent granted 2 Marks (limited to 6 marks) | | |
| (ii) Varieties released (Maximum 6 marks) (Varieties released by the centre/State Government and notified in Gazette to be listed. (Copy of gazette notification to be enclosed as AnnexureB3(ii)) or breeds/technologies/vaccines developed/new strains of bacteria/virus/ parasite identified (Maximum 6 marks) (Appropriate proof for development and adoption of technology to be enclosed as Annexure B3 (ii)) or new farm machinery & tools developed during the year 2018 (Maximum 6 marks) (Appropriate proof for development and adoption of machinery & tools to be enclosed as AnnexureB3(ii)) | | 06 |
| (iii) Funds received through external competitive grants (excluding ICAR development and KVK and AICRP grants) (Total amount) (Maximum 3 | | |

| | |
|---|----------------------------------|
| marks) | |
| 2 -3 Crores | |
| 3 to 5 Crores | |
| More than 5 Crores | 03 |
| (iv) If PME Cell Established and Functional (Maximum 1 mark) | 01 |
| (C). EXTENSION AND OUTREACH (WEIGHTAGE 30% OR 30 MARKS) | |
| C1. KVK Awards during 2018 (Maximum 4 marks) (Attach Proof as Annexure C1) | |
| Zonal Award (one mark for each award) - 03 | 03 |
| National Award (two marks for each award)- | |
| C2. Extension workers Award at State/National Level (by Government Agency) during 2018. (Proofs to be enclosed as Annexure C2) (Maximum 4 marks) | |
| State level Awards | |
| 1-5 Awards – 1 Mark | |
| More than 5 awards – 2 Marks | |
| National level awards | |
| 1-3 Awards – 1 Mark | |
| More than 3 awards – 2 Marks | 02 |
| C3. Quality input supplied by University (Seed, Semen, planting material etc.) during 2018 (Maximum 2 marks) | |
| More than 50,000– 1,50,000 planting material - 1341 | |
| More than 1,50,000 planting material | |
| Or | |
| Semen up to 10,000 doses - 2512 | 01 |
| Semen 10001 to 50,000 doses | |
| Or | |
| Breeder Seed (Cereals and Pulses) upto 200 quintals | |
| More than 200 quintals | |
| Or | |
| Fish Seed / fingerlings supplied | |
| 10 Lakh to 1 Crore | |
| More than 1 Crore | |
| C4. If one lakh soil samples are analyzed per year (Maximum 1mark) | 00 |
| C5. Revenue generated through consultancies, certification, testing, tuition fee, licensing, training, sale of inputs and commercialization of technologies during FY2018-19. The details of revenue, head (item) wise, duly certified and signed by comptroller of the University need to be listed as Annexure C5. The list should exclude the items listed in B3(iii) (Maximum 10marks) | 2085.42 Lakhs 23.41 % |
| 5-10 % of University Budget- 01 Mark | |
| 10-20 % of University Budget – 04 Mark | |
| 20-30 % of University Budget – 07 Mark | 07 |
| More than 30 % of University Budget – 10 Marks | |
| C6. Number of inter-institutional collaborative projects obtained during 2018 (Proof to be enclosed as Annexure C6) (Maximum 2 marks) | |
| One project – 1 Marks | 01 |
| Two or more – 2 Marks | |

| | |
|--|---------------------------------|
| C7. Partnership with Private Sector made during 2018 (Proof to be enclosed as Annexure C7) (Maximum 1 mark) | 01 |
| C8. Exchange of faculty (Sabbatical, Visiting Scientist, Adjunct Faculty) during 2018 (Proofs to be enclosed as Annexure C8)(Guest lecturers not to be included) (Maximum 2 marks) | 00 |
| Faculty coming from outside University (Minimum 1) | |
| Faculty of University going to other University (Minimum 1 faculty) | |
| C9. Number of Enterprises / start-ups promoted by the University (List is to be provided as Annexure C9) (Maximum 2 marks) | 02 |
| 1 - 2 | |
| More than 2 | |
| C10. Percentage of Students employed in Public/Private/Banking Sectors (List is to be provided as Annexure C10) (Maximum 2 marks) | 51/106 48.11 % |
| 10 – 20 percent | |
| More than 20 percent | 02 |
| Total | 46/100 |

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(Annexure A1): Number of students got ICAR-PG Scholarships (erstwhile JRF) during 2018

| S.No. | Number of students got ICAR-PG Scholarships in 2018 | Total number of UG students passed out in 2018 | Percentage (%) |
|---|---|--|----------------|
| 1 | 3 | 96 | 3.13 |
| List of the students got ICAR-PG Scholarships in 2018 | | | |
| S. No. | Name of the student | | |
| 1. | Kavipriya Jaiswal | | |
| 2. | Kavita Kumari | | |
| 3. | Sahista Sareen Lodhi | | |

(Annexure A2) Number of students got admission in Master's program during 2018 through ICAR entrance examination

| S.No. | Number of students got admission in Masters program in 2018 | Total number of UG students passed out in 2018 | Percentage (%) |
|---|---|--|----------------|
| 1 | 12 | 96 | 12.50 % |
| List of the students got admission in Masters program in 2018 | | | |
| S. No. | Name of the student | | |
| 1. | Aditya Kumari | | |
| 2. | Rahul Kumar | | |
| 3. | Pradeep Makawana | | |
| 4. | Shalu Swami | | |
| 5. | Nistha Yadav | | |
| 6. | Deepak Chopra | | |
| 7. | Ankita Pal | | |
| 8. | Kavita Kumari | | |
| 9. | Apeksha Jangir | | |
| 10. | Anita Tanwar | | |
| 11. | Sahista Sareen Lodhi | | |
| 12. | Kavipriya Jaiswal | | |

(Annexure A3) Students Performance at M.Sc. Level

| S.No. | Number of students got ICAR-JRF/SRFs in 2018 | Total number of Masters students passed out in 2018 | Percentage (%) |
|--|---|---|----------------|
| | 2 | 85 | 2.35% |
| List of the students got ICAR-JRF/SRF Scholarships in 2018 | | | |
| S.No. | Name of the student | | |
| 1 | Sumnil Marwaha, Veterinary Medicine, LUVAS, Hisar | | |
| 2 | Sanjay Singh, LPT, DUVASU, Mathura | | |

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(Annexure A4) Students Performance at M.Sc. Level

| S.No. | Number of students got admission in Ph.D. in 2018 through ICAR entrance | Total number of Masters students passed out in 2018 | Percentage (%) |
|--|---|---|----------------|
| | 3 | 85 | 3.52 % |
| List of the students got admission in Ph.D. in 2018 through ICAR entrance exam | | | |
| S.No. | Name of the student | | |
| 1. | Neelam Dinodiya | | |
| 2. | Abhishek Joshi | | |
| 3. | Renu | | |

(Annexure A6) Percentage of ARS selections in the disciplines offered by University against available seats advertised by ASRB during 2018

| S.No. | Number of students got ARS in the disciplines offered by the university in 2018 | Total number of seats available in such disciplines advertised by ASRB | Percentage (%) |
|---|---|--|----------------|
| | NIL | | |
| List of the students got ARS selections | | | |
| S.No. | Name of the student | ARS Discipline | |
| | NIL | | |
| | | | |

(Annexure A7) Percentage of students qualified NET Exam in the disciplines of Agriculture and allied Sciences during 2018

| S.No. | Number of students qualified NET in the disciplines of agriculture and allied sciences | Total number of PG and PhD students | Percentage (%) |
|------------------------------------|--|---------------------------------------|----------------|
| 1 | 33 | 106 | 31.13 % |
| List of the students qualified NET | | | |
| S.No. | Name of the student | Discipline | |
| 1. | Vijay Prakash Saini | Animal Nutrition | |
| 2. | Reenu Tanwar | Animal Nutrition | |
| 3. | Puroshottam | Animal Nutrition | |
| 4. | Umesh Kumar Prajapat | Animal Nutrition | |
| 5. | Mangesh Kumar | Animal Nutrition | |
| 6. | Subhash Kumar | Animal Nutrition | |
| 7. | Shyam Sunder Siyag | Animal Nutrition | |
| 8. | Renu Kumari | Animal Nutrition | |
| 9. | Sudarshan Mahala | Animal Genetics & Breeding | |
| 10. | Garima Choudhary D/O Dhoora Ram | Animal Genetics & Breeding | |
| 11. | Garima Choudhary D/O Aja Ram | Animal Genetics & Breeding | |

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| | | |
|-----|-----------------------|---|
| 12. | Govind Dhakar | Animal Genetics & Breeding |
| 13. | Manoj Kumar | Animal Genetics & Breeding |
| 14. | Sunita Meena | Animal Genetics & Breeding |
| 15. | Yamini | Animal Genetics & Breeding |
| 16. | Priyanka Meena | Livestock Products Technology |
| 17. | Devendra Saran | Veterinary Anatomy |
| 18. | Sashi Kumar | Veterinary Anatomy |
| 19. | Satish | Animal Reproduction, Gynecology, Obstetrics |
| 20. | Dharma Ram Choudhary | Veterinary Anatomy |
| 21. | Devendra Singh | Veterinary Anatomy |
| 22. | Lokesh Tak | Livestock Products Technology |
| 23. | Mahender Kumar Saini | Veterinary Anatomy |
| 24. | Mamta Meena | Veterinary Pharmacology & Toxicology |
| 25. | Manisha Champawat | Veterinary Pharmacology & Toxicology |
| 26. | Pankanj Kumar Mangal | Veterinary Public Health |
| 27. | Parma Ram Gorachiya | Livestock Products Technology |
| 28. | Poonam Rani | Veterinary Anatomy |
| 29. | Sanjay Singh | Livestock Products Technology |
| 30. | Sumnil Marwaha | Veterinary Clinical Medicine |
| 31. | Tarachand Nayak | Veterinary Clinical Medicine |
| 32. | Gyatri Gujar | Livestock Production & Management |
| 33. | Narendra Kumar Poonia | Livestock Production & Management |

(Annexure A8) Percentage of faculty positions filled in teaching, research, extension, KVK, AICRP and at regional stations

Faculty Position as on 01.01.2018

| | Sanctioned | In Position | % of Filled |
|------------------|------------|-------------|-------------|
| Colleges | 258 | 128 | 49.61 |
| Research Centres | 11 | 07 | 63.63 |
| AICRP | 04 | 04 | 100 |
| KVKs | 07 | 00 | 00 |
| Total | 280 | 139 | 49.64 |

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(Annexure A10) National and International awards (such as those conferred by the National Organizations like ICAR, CSIR, DBT, DST, Government of India, international Bodies of repute like FAO, UN, CG Centres and Recognized National Sciences/ Engineering Academies)

| S.No. | Name of the faculty member |
|-------|--|
| 1. | Prof. Vishnu Sharma, CLFMA Award, 7-8 September, 2018, Goa |
| 2. | Prof. Tribhuvan Sharma, E-Gov Rajasthan Award, Govt. of Rajasthan, 21 March, 2018 |
| 3. | Dr. Vikas Galav, Best Scientist Award, Society for Science and Nature & FDDI, 23-24 December, 2018, Jodhpur, Rajasthan |
| 4. | Dr. Neeraj Sharma, Young Scientist Award, Society of Extension Education, 15-17 November, 2018, CAEPHT, Ranipool, Sikkim |
| 5. | Dr Sakar Palecha, IVRA Travel Fellowship by International Veterinary Radiology Association to attend conference in Fort Worth, USA on 14-19 October, 2018. |
| 6. | Dr. Vikas Galav, Best Oral Paper Award, Society for Science and Nature & FDDI, 23-24 December, 2018, Jodhpur, Rajasthan |
| 7. | Dr. Sheela Choudhary, Best Poster Award, International Goat Association in Asian Regional Conference on Goats, 22-26, October, 2018 at Jaipur, Rajasthan. |
| 8. | Dr. Sandhya Morwal, Best Poster Award, Society for Veterinary Science & Biotechnology, 13-14 December, 2018 at Udaipur, Rajasthan |
| 9. | Dr. Abhishek Gupta, Appreciation Award by International Journal of Livestock Research. |
| 10. | Dr. Suresh Jhirwal, Gold Medal, Indian Society of Veterinary Surgery, LUVAS, Hisar |

(Annexure A13) Fellowship or Associateship of National Science Academies (NAAS, INSA, NAS, NAMS, INAE achieved during 2018)

| S.No. | Name of the faculty member |
|-------|---|
| 1. | Prof. Vishnu Sharma, Fellow Award of NAVS |

(Annexure A14) Percentage of Faculty with Ph.D. degrees obtained from universities from outside of the state where employed

| S.No. | Number of faculty with Ph.D. degrees obtained from universities from outside of the state where employed | Total number of faculty | Percentage (%) |
|-------|--|-------------------------|----------------|
| 1 | 25 | 139 | 17.98 |

List of the faculty members

| S.No. | Name of the faculty member |
|-------|----------------------------|
| 1. | Dr. Samita Saini |
| 2. | Dr. Prakash Chandra Sharma |
| 3. | Dr. Anurag Pandey |
| 4. | Dr. Rashmi Singh |
| 5. | Dr. Sanjay Kumar Rewani |
| 6. | Dr. Balwant Meshram |

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| | |
|-----|-------------------------|
| 7. | Dr Abhishek Gaurav |
| 8. | Dr. Arun Kumar |
| 9. | Dr. Kamal Purohit |
| 10. | Dr. Mamta Kumari |
| 11. | Dr. R. K. Singh |
| 12. | Dr. Akbar Ali Gauri |
| 13. | Dr. Virendra Kumar |
| 14. | Dr. Raj Kumar Berwal |
| 15. | Dr. Abhishek Gupta |
| 16. | Dr. Praveen Bishnoi |
| 17. | Dr. Anil Kumar Bishnoi |
| 18. | Dr. Amita Ranjan |
| 19. | Dr. Neeraj Kumar Sharma |
| 20. | Dr. Sunil Maherchandani |
| 21. | Dr. Nalini Kataria |
| 22. | Dr. Rakesh Rao |
| 23. | Dr. Devi Singh Rajput |
| 24. | Dr. Vijay Kumar |
| 25. | Dr. R S Pal |

(Annexure A15) Percentage of Faculty from the State other than the State in which university situated

| S.No. | Number of faculty from the States other than the State in which university is located | Total number of faculty | Percentage (%) |
|-----------------------------|---|-------------------------|----------------|
| 1 | 12 | 139 | 8.63 |
| List of the faculty members | | | |
| S.No. | Name of the faculty member | | |
| 1. | Dr. Rashmi Singh | | |
| 2. | Dr. Anurag Pandey | | |
| 3. | Dr. Sanjay Kumar Rewani | | |
| 4. | Dr. Balwant Meshram | | |
| 5. | Dr. Hina Ashraf Waiz | | |
| 6. | Dr Abhishek Gaurav | | |
| 7. | Dr. Dinesh Manoharrao Chavhan | | |
| 8. | Dr. Arun Kumar | | |
| 9. | Dr. Sanweer Khatoon | | |
| 10. | Dr. Hakim Manzer Alam | | |
| 11. | Dr. Amita Ranjan | | |
| 12. | Dr. Abhishek Gupta | | |

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(Annexure A16) Percentage of Faculty with 3 months or more of Post-doctoral/Visiting scientist experiences abroad in 2018

| S.No. | Number of faculty with 3 months or more of Postdoctoral/Visiting scientist experiences abroad in 2018 | Total number of faculty | Percentage (%) |
|-----------------------------|---|-------------------------|----------------|
| | NIL | | |
| List of the faculty members | | | |
| S.No. | Name of the faculty member | | |
| | NIL | | |
| | | | |

(Annexure A18) CERA utilization in 2018
Attached

(Annexure A19) copy of accreditation letter/certificate from ICAR

Attached

(Annexure A20) proceedings of Academic Council/ Board of Management, in which decision of implementation was taken

Attached:

Copy of Board of Management Minutes and copy of order issued for adoption of Minimum Standard of Veterinary Education (MSVE) 2016 for UG courses which are governed by the Veterinary Council of India, New Delhi

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(Annexure B1)

| S.No. | Total number of research articles having NAAS rating of over 6.0 published in 2018 | Total number of faculty | Number of research papers per faculty |
|--------------------------------|--|-------------------------|---------------------------------------|
| | 06 | 139 | |
| List of the research articles* | | | |
| S.No. | Details of publication | NAAS Rating | |
| 1. | AmitaRanjan, V K Dhumka and RakeshRanjan (2018). Chronic flubendiamide exposure induces oxidative stress in water buffalo calves. <i>Current science</i> , 114 (8):1610-12. | 6.88 | |
| 2. | Ram Kumar, NitinKhandelwal, RiyeshThachamvally, BhupendraNathTripathi, Sanjay Barua, Sudhir Kumar Kashyap, Sunil Maherchandani and Naveen Kumar (2018). Role of MAPK/MNK1 signaling in virus replication. <i>Virus Research</i> , 253 : 48-61. | 8.48 | |
| 3. | Singh, S., Bais, B., Singh, R., Tak, L., Gorachiya, P. R., & Kumari, R. (2018). Determination of the bioactive potential (Antioxidant activity) of camel milk during fermentation process. <i>Journal of Camel Practice and Research</i> , 25 (1): 131-134. | 6.17 | |
| 4. | YogeshSoni, T.R. Talluril, Ashok Kumar, S.K. Ravii, J.S. Mehta, B.N. Tripathi (2019). Effects of different concentration and combinations of cryoprotectants on sperm quality, functional integrity in three Indian horse breeds. <i>Cryobiology</i> , 86 : 52-57. | 8.05 | |
| 5. | N S Rathore, S K Kashyap, AnupamaDeora, Pankaj Kumar, J Singh, B N Tripathi And T RTalluri (2018). Isolation and culture of putative mesenchymal stem cells from equine umbilical cord Wharton's jelly. <i>Indian Journal of Animal Sciences</i> , 88 (9): 1025-1029. | 6.28 | |
| 6. | Abhishek Gupta, N. K. Singh, Harkirat Singh and S.S. Rath (2018). Assessment of risk factors associated with prevalence of gastrointestinal helminths in buffaloes from Punjab state. <i>Buffalo Bulletin</i> , 37 (3): 279-290. | 6.12 | |

* List only research articles (including review articles) published in print or online with page number, volume number for publications in year 2018 only. Publications of faculty members based on the work carried erstwhile may also be included.

(Annexure B2) Research Impact

| S.No. | Number of faculty members having h-index as 10 or more | Total number of faculty | Percentage of faculty with h-index as 10 |
|--|--|-------------------------|--|
| | NIL | | |
| List of faculty members having h-index as 10 or more | | | |
| S.No. | Name of the faculty | h-index | |
| | NIL | | |
| | | | |

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(Annexure B3(ii)) breeds/technologies/vaccines developed/new strains of bacteria/virus/ parasite identified

| S. No. | Type | Proof | Remark |
|--------|--|--|--|
| 1. | 12 New Strains of Bacteria | National Centre for Veterinary Type Culture (NCVTC), ICAR-NRCE, Hisar | Accession No. VTCCBAA1266 to VTCCBAA1277 |
| 2. | Technology for host directed antiviral drug discovery against buffalo pox virus | Research Paper Published entitled "VARIABILITY OF MYOSTATIN GENE AND ITS ASSOCIATION WITH GROWTH TRAITS IN MALPURA SHEEP". <i>Indian Journal of Small Ruminants</i> 2018, 24(2): 230-238 | The advantage of this technique lies in the fact that vaccines may lead to evolution of mutants in the population. But using this approach mitigates the problem of mutants causing disease in the population. |
| 3. | Technique for identifying double muscling phenomenon in Malpura sheep through identification of two-point mutation of T replacing C at c.-958 and c.-1128 positions in the myostatin gene promoter region developed. | Research Paper Published entitled "MNK1 inhibitor as an antiviral agent suppresses buffalopox virus protein synthesis". <i>Antiviral Research</i> 160 (2018) 126–136 | The advantage of this technique is that lambs can be identified having double muscling phenomenon and can be adventitious as they will have more daily weight gain as compared to other lambs. |
| 4. | Non-enzymatic isolation technique to recover MSCs | Research Paper Published entitled "Isolation and culture of putative mesenchymal stem cells from equine umbilical cord Wharton's jelly" <i>Indian Journal of Animal Sciences</i> 88 (9): 1025–1029, September 2018/Article | It would potentially be less affected and damaged than by an enzymatic isolation technique |
| 5. | Technology for animal disease diagnosis through Computed Tomography (CT | Letter from Director Clinics, Rajasthan University of Veterinary and Animal Sciences, Bikaner | Scanning of various structures of the axial and appendicular skeletal system for the diagnosis of fractures, dislocations, degenerative and aggressive changes in the bones like |

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| | scan). | | hip dysplasia, osteopathies, dystrophic changes where the diagnosis. A Data Base of the 15 marine species of fishes has also been prepared with the help of this technology for future references. |
| 6. | M-RAJUVAS Android Educational Mobile Application | Letter from Director Research, RAJUVAS, Bikaner and Google Play Store Screen Shot | M-RAJUVAS (Android Educational Mobile Application for Veterinary and Animal sciences and Kiosk Information System for Farmers/Livestock Owners) is developed by The Rajasthan University of Veterinary and Animal Sciences (RAJUVAS), Bikaner (launched on 5 th Sep. 2018) to provide effective and free Learning with ease anywhere, anytime to the students of Veterinary and Animal Sciences and to make Information system for Farmers/Livestock Owners to provide essential and required information to enhance and improve Animal Husbandry practices. |
| 7. | Teaching Technological Tools | Letter from Dean, College of Veterinary and Animal Science, Navania, Vallabhnagar, Udaipur | Teaching technological tools for graduating students to develop and operate this tool at the campus. Preservation and Articulation of Bones of Different Species of Animal was motto and objective of this project while Enhancing the Teaching Quality of Veterinary Education. Now, the developed tools are not being utilized by the students of Udaipur Campus only, but the prepared and articulated skeletons are handy to meet out the thrust of students for different states. |
| 8. | Technology Developed for vascularity of reproductive structures to time insemination and predict the fetal well-being. | A part of this technology developed has been published in <i>Reproduction in Domestic Animals</i> 2019; 54:585-594. (DOI: 10.1111/rda.13400) | The use of Color Doppler Ultrasonography during different reproductive stages and pregnancy the effect of vascularity of follicles during estrus and that of corpus luteum post insemination showed that higher the vascularity of these ovarian structures greater were the chances of conception. Thus, the vascularity of reproductive structures can be used to time insemination and predict the fetal well-being. |

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(Annexure C1) KVK Awards during 2018

| S.No. | Name of Institute's | Name of the Central government agency from where award has been received | Year of receiving award |
|-------|--|--|-------------------------|
| 1. | Directorate of Extension Education, RAJUVAS, Bikaner | ICAR -CIAH, Bikaner Regional Arid Horticulture Fair | 2018 |
| 2. | Directorate of Extension Education, RAJUVAS, Bikaner | ICAR – NRCC, Bikaner Krishifest - 2018 | 2018 |
| 3. | VUTRC, Suratgarh | KVK, Gramothan Vidhyapeeth, Sangaria | 2018 |

(Annexure C2) Extension workers Award at State/National Level

| S.No. | Name of Faculty members | Name of Award | Name of the Central government agency from where award has been received | Year of receiving award |
|-------|--|-------------------------------|--|-------------------------|
| 1. | Mr. Akshaya Ghintala | Best KVK Scientist Award-2018 | Indian Society of Extension Education, New Delhi & WBUAF, Kolkata, West Bengal. | 2018 |
| 2. | Mr. Akshaya Ghintala Teaching Associate | Excellence in Extension Award | National Agriculture Development Co-operative Ltd. & University of Kashmir, Hazartbal, Srinagar, J&K | 2018 |
| 3. | Mr. Bheiru Singh | Best KVK Scientist Award-2018 | Agro Environmental Development Society (AEDS), Majhar Ghat, Rampur, UP, India | 2018 |
| 4. | Mr. Akshaya Ghintala | Best KVK Scientist Award-2018 | Agro Environmental Development Society (AEDS), Majhar Ghat, Rampur, UP, India | 2018 |

(Annexure C3) Quality input supplied by University (Seed, Semen, planting material etc.) during 2018

Attached

(Annexure C5) Revenue generated through consultancies, certification, testing, tuition fee, licensing, training, sale of inputs and commercialization of technologies during FY2018-19.

Attached

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(Annexure C6) Number of inter-institutional collaborative projects obtained during 2018

Project Entitle “Monitoring of Nutritional Value and Pesticide Residues in Milk of Lactating Mothers from Various Regions of Rajasthan” sanctioned by Indian Council of Medical Research (ICMR) as collaborative project with Swai Man Singh Medical College Jaipur. Worth Rs. 22.47 lakh for the period of two years.

(Annexure C7) Partnership with Private Sector made during 2018

1. M/S Ayurvet Limited, 6th Floor, Sagar Plaza, Distt. Centre, Laxmi Nagar, Vikas Marg, Delhi - 92
2. M/S Reliance Industries Ltd., 3rd Floor, Market Chambers – IV. 222, Nariman Point, Mumbai- 400021, INDIA

(Annexure C9) Number of Enterprises / start-ups promoted by the University

1. Krimanshi Technologies feeds, Vaibhav Vasishta, Manager - Startup Oasis, 9591873983
2. M/S Vinayak Organic Dairy Farm, R.D. 489, Kanwarsen Lift, Beechwal, Bikaner
3. JAIPUR PET HOSPITAL, A-297, KARDHANI SCHEME, KALWAR ROAD, JHOTWARA (BEHIND KARDHANI THANA) JAIPUR, Rajasthan - 302012
Dr. Sunil Kumawat, Contact No. - 082392 44888
www.jaipurpethospital.com
4. Dr. Kshitiz's DOG Clinic, 8/78 M. P. NAGAR BIKANER, Rajasthan, 334001
Dr. Kshitiz Goswami, Contact number -8619395344, 9636279601
5. Shri Krishna Balram Seva Trust, Hingonia Cattle Rehabilitation Centre, Jaipur

(Annexure C10) Percentage of Students employed in Public/Private/Banking Sectors

| S. No. | Name | Designation | Posting Place |
|--------|------------------------------|---------------------|--|
| 1. | Dr. Devendra Saran | Teaching Associate | College of Veterinary & Animal Science, Navania, Vallabhnagar, Udaipur |
| 2. | Dr. Shantnu Kumar Kuldeep | Teaching Associate | College of Veterinary & Animal Science, Navania, Vallabhnagar, Udaipur |
| 3. | Dr. Shashi Kumar | Assistant Professor | Apolo College of Veterinary Medicine, Jaipur |

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| 4. | Dr. Puroshattam | Assistant Professor | Mahatma Jyotiba Fule Veterinary College, Chomu, Jaipur |
| 5. | Dr. Devendra Singh | Teaching Associate | College of Veterinary & Animal Science, Navania, Vallabhnagar, Udaipur |
| 6. | Dr. Rahul Swarnkar | Teaching Associate | College of Veterinary & Animal Science, Navania, Vallabhnagar, Udaipur |
| 7. | Dr. Mahendra Meena | Assistant Professor | Apolo College of Veterinary Medicine, Jaipur |
| 8. | Dr. Tripti Gurjar | Teaching Associate | Post Graduate Institute of Veterinary Education & Research, Jaipur |
| 9. | Dr. Ruhi Meena | Teaching Associate | Post Graduate Institute of Veterinary Education & Research, Jaipur |
| 10. | Dr. Raj Kumar Gameti | Assistant Professor | Animal Husbandry Diploma Institute, Dungurpur |
| 11. | Dr. Jitendra Kant Nagar | Teaching Associate | Post Graduate Institute of Veterinary Education & Research, Jaipur |
| 12. | Dr. Uma Ram | Assistant Professor | International Institute of Veterinary Education and Research (IIVER), Rohtak, Haryana |
| 13. | Dr. Pooja Patel | Assistant Professor | Apolo College of Veterinary Medicine, Jaipur |
| 14. | Dr. Vinay Kumar | Assistant Professor | Veterinary University Training & Research Centre, Churu |
| 15. | Dr. Harshita Bumrah | Assistant Professor | Apolo College of Veterinary Medicine, Jaipur |
| 16. | Dr. Poonam Latta | Veterinary Officer | Veterinary Officer, Department of Animal Husbandry, Uttar Pradesh |
| 17. | Dr. Hansraj Mundoliya | Assistant Professor | Mahatma Jyotiba Fule Veterinary College, Chomu, Jaipur |
| 18. | Dr. Abhishek Choudhary | Teaching Associate | College of Veterinary & Animal Science, Navania, Vallabhnagar, Udaipur |
| 19. | Dr. Shyamlal Garg | Teaching Associate | Livestock Research Station, Chandan, Jaisalmer, RAJUVAS (Bikaner) |
| 20. | Dr. Rajesh Saini | Teaching Associate | College of Veterinary & Animal Science, Navania, Vallabhnagar, Udaipur |
| 21. | Dr. Neeraj Kumar | Teaching Associate | Livestock Research Station, Beechwal, RAJUVAS, Bikaner |
| 22. | Dr. Rakesh Saini | Teaching Associate | Livestock Research Station, Kodemdesar, RAJUVAS, Bikaner |

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|-----|-------------------------|---------------------|--|
| 23. | Dr. Pratikshit Sanel | Teaching Associate | College of Veterinary and Animal Science, RAJUVAS, Bikaner |
| 24. | Dr. Rajnish Kumar | Teaching Associate | College of Veterinary and Animal Science, RAJUVAS, Bikaner |
| 25. | Dr. Rakesh Pooniya | Veterinary Officer | Private Trust Hospital, Gujrat |
| 26. | Dr. Preeti S | Project Associate | KVK, Kanyakumari |
| 27. | Dr. Manish Songra | Teaching Associate | Veterinary University Training & Research Centre, Loonkaransar |
| 28. | Dr. Budhi Prakash Meena | Veterinary Officer | Department of Animal Husbandry, Raj Govt. |
| 29. | Dr. Narendra Poonia | Teaching Associate | College of Veterinary and Animal Science, RAJUVAS, Bikaner |
| 30. | Dr. Nupur Chandel | Veterinary Officer | Department of Animal Husbandry, Raj Govt. |
| 31. | Dr. Shyamlal Garg | Teaching Associate | Livestock Research Station, Chandan, Jaisalmer, RAJUVAS (Bikaner) |
| 32. | Dr. Prerna Yadav | Assistant Professor | Mahatma Jyotiba Fule Veterinary College, Chomu, Jaipur |
| 33. | Dr. Kishan Sahay Yadav | Veterinary Officer | Department of Animal Husbandry, Raj Govt. |
| 34. | Dr. Brijesh Nanda | Assistant Professor | Apolo College of Veterinary Medicine, Jaipur |
| 35. | Dr. Sudahshan Mahala | Project Associate | CSWRI, Avikanagar, jaipur |
| 36. | Dr. Manish Singodia | Assistant Professor | Mahatma Jyotiba Fule Veterinary College, Chomu, Jaipur |
| 37. | Dr. Brajesh Kumar | Assistant Professor | Apolo College of Veterinary Medicine, Jaipur |
| 38. | Dr. Ravi Raman | Teaching Associate | College of Veterinary and Animal Science, RAJUVAS, Bikaner |
| 39. | Dr. Asman Singh Gurjar | Assistant Professor | Mahatma Jyotiba Fule Veterinary College, Chomu, Jaipur |
| 40. | Dr. Priyanka Meena | Assistant Professor | Apolo College of Veterinary Medicine, Jaipur |
| 41. | Dr. Reenu Tanwar | Assistant Professor | Mahatma Jyotiba Fule Veterinary College, Chomu, Jaipur |
| 42. | Dr. Mahendra Saini | Teaching Associate | College of Veterinary and Animal Science, RAJUVAS, Bikaner |
| 43. | Dr. Shikha Saini | Teaching Associate | Post Graduate Institute of Veterinary Education & Research, Jaipur |
| 44. | Dr. Jitendra Tanwar | Teaching Associate | College of Veterinary and Animal Science, RAJUVAS, Bikaner |
| 45. | Dr. Gaurav Jain | Teaching Associate | Veterinary University Training & Research Centre, Ladnu |
| 46. | Dr. Ravindra Kumar | Veterinary Officer | Animal Birth Control, New Delhi |
| 47. | Dr. Peer Rayees Aziz | Teaching Associate | College of Veterinary & Animal Science, Navania, Vallabhnagar, |

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| | | | Udaipur |
| 48. | Dr. Arvind Kumar | Teaching Associate | Livestock Research Station, Kodemdesar, RAJUVAS, Bikaner |
| 49. | Dr. Garima Choudhary D/O Aja Ram | Veterinary Officer | Animal Husbandry Department, Govt. of Hariyana |
| 50. | Dr. Yamini | Assistant Professor | Mahatma Jyotiba Fule Veterinary College, Chomu, Jaipur |
| 51. | Dr. Sunita Meena | Teaching Associate | College of Veterinary & Animal Science, Navania, Vallabhnagar, Udaipur |