

Uniform BIODATA format below as prescribed by SKUAST-Jammu

1. Name:	Dr. ANAND KUMAR PATHAK
2. Designation:	Associate Professor
3. Contact Address:	Division of Animal Nutrition, Faculty of Veterinary Sciences and Animal Husbandry, SKUAST-J, R. S. Pura, Jammu-181102 (UT of J&K), India
4. E-Mail:	dranandpathak1974@gmail.com
5. Mobile:	+91-9682126981
6. Professional Experience:	<ul style="list-style-type: none"> i. Teaching: More than 13 years & 10 Months ii. Research: More than 18 years & 10 Months iii. Extension: More than 18 years & 10 Months
7. Awards/ Scholarship:	<p>Honours/ Scholarship:</p> <p><i>Distinction</i></p> <ul style="list-style-type: none"> ✓ MVSc: First rank with Honours in Animal Nutrition ✓ PhD: Recipient of IVRI Senior Research Fellowship ✓ Fellow of Animal Nutrition Association, Izatnagar, Bareilly (UP), India ✓ Fellow of National Academy of Veterinary Nutrition and Animal Welfare, Bareilly ✓ Fellow of Bose Science Society, Tamil Nadu, India ✓ Fellow of International Society for Research and Development. <p>Awards and recognition:</p> <ol style="list-style-type: none"> 1) CLFMA Award-2023 from CLFMA of India. 2) Dr. Varghese Kurien Best Scientist Award (2017-2018) from BSS. 3) Best Innovator Award-2019 from SIDAVES for <i>Manually operated MNB and DCFB making Machines</i>. 4) ANA-Dr MS Rahal ANFT Best Paper Published Award 2021-22. 5) Distinguished Scientist Award from SBBS, Allahabad, 2015. 6) Outstanding Scientist Award-2022 by VDGGOOD Professional Association. 7) Publons Peer Review Awards 2018 from Publons' Global Reviewer Database, UK. 8) Best Reviewer Award from Journal of Animal Research, 2015. 9) Award for Excellence in Research-2016 (4th Academic Brilliance Awards-16), Delhi. 10) Conferred NAVS (I) Associate on 19/12/ 2018 at OUAT, Bhubaneswar. 11) Commendation Certificate-2019 Awarded from NAVNAW (PPKS, Bareilly). 12) Presidential Appreciation Award-2022 from MOBILIZATION Society, New Delhi. 13) Best MVSc Thesis to Dr Saheem Goni under my guidance as Makor Advisor. 14) Best MVSc Thesis to Dr Ghulam Mustafa under my guidance as Makor Advisor.

	15) Best Oral Presentation Awards: 13 16) Best Poster Presentation Awards: 09 17) Certificate of Excellence in Reviewing of Papers: 16
8. Area of Specialization:	Clinical Animal Nutrition and Environmental Pollution
9. Research Interest:	Locally available alternative conventional and unconventional feed resources having functional feed properties for livestock and poultry.
10. Total No. of Publication (Referred Journals):	77
11. Selected Publications (best five):	<ol style="list-style-type: none"> 1) Pathak, A. K., Dutta, N., Pattanaik, A. K., Sharma, K., Banerjee, P. S. and Goswami, T. K. (2017). Effect of condensed tannins supplementation through <i>Ficus infectoria</i> and <i>Psidium guajava</i> leaf meal mixture on erythrocytic antioxidant status, immune response and gastrointestinal nematodes in lambs (<i>Ovis aries</i>). <i>Veterinarski Arhiv</i>, 87 (2): 139-156. 2) Pathak, A. K., Dutta, N., Pattanaik, A. K., Chaturvedi, V. B. and Sharma, K. (2017). Effect of condensed tannins from <i>Ficus infectoria</i> and <i>Psidium guajava</i> leaf meal mixture on nutrient metabolism, methane emission and performance of lambs. <i>Asian-Australian Journal of Animal Science</i>, 30 (12): 1702-1710. 3) Zargar M. A., Pathak, A. K. and Daing, M. I. (2017). Screening and evaluation of antioxidants and anticoccidial properties of condensed tannins containing tree leaves of Jammu province. <i>Indian Journal of Animal Research</i>, 51 (6): 1105-1112. 4) Khan, Muzaffer, Pathak, A. K. and Singh, Surender (2019). Nutrient metabolism, blood Indices and Immunity in <i>Haemonchus contortus</i> infected goats fed condensed tannins enriched densified complete feed blocks. <i>Animal Nutrition and Feed Technology</i>, 19: 417-430. 5) Daing, M. I., Pathak, A. K., Sharma, R. K. and Zargar, M. A. (2021). Growth performance, nutrient utilization, blood indices and immunity of broiler chicks fed diets with graded level of Condensed Tannins containing <i>Psidium guajava</i> leaf meal. <i>Animal Nutrition and Feed Technology</i>, 21: 327-340.
12. Student advisory:	As Major Advisor: MVSc (11); Completed: 09, Ongoing: 03 Ph.D. (01); Completed: Nil, Ongoing: 01 As Minor Advisor: MVSc (18); Completed: 17, Ongoing: 01 Ph.D. (03); Completed: 03, Ongoing: Nil
13. Books/ Manuals/Monographs:	Books: 10, Book chapters: 58; Technical Bulletins: 12; Manuals: 10, Monographs: 01
14. Seminar/ Workshop/ Conference attended:	27
15. Extension trainings associated with:	25
16. Research projects as PI/Nodal Officer:	Establishment and Popularization of densified functional feed block technology to develop entrepreneurs and small scale self sustainable business for unemployed youth at Panchayat level of District Jammu. JKST&IC-DST Project for the period of one year (2023-2024) as Innovator/Principal Investigator .
17. Other Achievements if any (Please Specify):	Invention and/or Innovation/ Technology developed: 05 ➤ Designed, developed and fabricated economically viable manually operated Multi nutrient brick making machine. ➤ Designed, developed and fabricated economically viable

	<p>manually operated Densified complete feed block making machine.</p> <ul style="list-style-type: none"> ➤ Formulated and designed Condensed tannins (CT) enriched multi nutrient blocks (MNB-CT). ➤ Formulated and designed Condensed tannins (CT) fortified densified complete feed blocks (CT-DCFB). ➤ Designed, developed and fabricated economically viable manually operated densified functional feed block making machines (03 Numbers) under JKST&IC-DST Project. <p>Technology Commercialized: 01</p> <ul style="list-style-type: none"> ➤ Developed and Commercialized Condensed Tannins Enriched Multi-nutrient Block Technology (MNB-CT), the first one in SKUAST-J and agreement signed with the purchaser of the technology. As Innovator and Principle Investigator. ➤ Manually operated MNB and DCFB block making machines were supplied, installed and demonstrated at IFSR Centre, SKUAST-J, Chatha. <p>Developed Entrepreneurs and self sustainable small scale DFFB making business enterprises: 03 Units</p> <ol style="list-style-type: none"> 1) Out of 29 trainees, 03 rural unemployed youths have been educated and trained as DFFBs making entrepreneurs and started their DFFBs making business enterprises after establishing DFFB making units by installing manually operated DFFB making machines under JKST&IC-DST Project, Govt. of UT of J&K under my supervision as Innovator and Principal Investigator of the project. 2) Executive member of ANA (ANFT), Izatnagar for the year 2012-2014 and 2016-2018. 3) Member of Chief Executive Committee, ANSI, IJAN, Karnal, for the year 2016-2018. 4) Executive member of PPKS (NAVNAW), Bareilly for the year 2019-2021. 5) Vice President, North Zone of ANA (ANFT), Izatnagar for the year 2022-2024.
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