

APPLICATION FOR THE POST OF PROFESSOR
IN DEPARTMENT OF ANIMAL NUTRITION

Date: 28.9.2024

To,

The Dean,
Arawali Veterinary College,
Sikar, Rajasthan.

Sir,

I am writing to express my enthusiastic interest in the post of Professor in Department of Animal Nutrition at Arawali Veterinary College, Sikar, as advertised in your website. I am a Veterinary Doctor (B.V.Sc. & A.H., Bombay Veterinary College) with M.V.Sc. (Central Agricultural University, Mizoram) and Ph.D. (National Dairy Research Institute, Karnal) in **Animal Nutrition**. At present, I am working as Associate Professor in Department of Animal Nutrition, Apollo College of Veterinary Medicine, Rajasthan University of Veterinary & Animal Sciences, Jaipur, India.

The opportunity presented by your esteemed institute is very interesting and I believe that my academic excellence, teaching and research experience will make me a competitive candidate for this post. The key strengths that I possess include:

- I have **Excellent Academic Background** (M.V.Sc. with Gold Medal and Ph.D. with Subject Topper Certification) from renowned Central Agricultural University (CAU) and National Dairy Research Institute, respectively.
- I have diverse **Teaching Experience** (more than 12 years) of students with respect to region and country (4 universities of India and one university of Ethiopia).
- I have successfully handled and completed **Research Projects** in INDIA and ETHIOPIA.
- I am known as **Snake Rescue Expert** with eco-friendly and environmental saving activities.
- I have provided exceptional contributions to **Extracurricular Activities** of students at my previous job locations along with academic curriculum.

I have keen interest in teaching, student oriented programmes and challenging assignments in academics and research. I can work efficiently with faculty staff, researchers, extension workers and management officials. I request your good self to give me an opportunity to prove my capability in your institute. I assure you that I shall give my best in getting the jobs accomplished. Please refer to the attached curriculum vitae and academic credentials.

Thanking you,

Sincerely,
Dr. Shivaji Pandurang Pawar

CURRICULUM VITAE

DR. SHIVAJI PANDURANG PAWAR M.V.Sc., Ph.D

OVERVIEW

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3) PERSONAL DETAILS & CONTACT INFORMATION

Full Name: SHIVAJI PANDURANG PAWAR
Father's Name: Late. Shri. PANDURANG LAXMAN PAWAR
Mother's Name: VATSALA PANDURANG PAWAR
Gender: Male
Date of Birth: 15th October, 1984
Nationality: Indian
Passport No. N2265365

Permanent address: Dr. Shivaji Pawar, At/Post: Pawarwadi near Udhav village, Sansar-Kurawali Road, Taluka: Indapur, District: Pune. Maharashtra (MH), India – 413104.

Present/ Current address: Dr. Shivaji Pandurang Pawar, Associate Professor, Department of Animal Nutrition, Second Floor, Apollo College of Veterinary Medicine, NH-11, Agra Road, Jamdoli, Jaipur, India 302031.

Contact No. +91 - 63778 90618 & +91 – 96606 57324

E-Mail: shivshiv24@gmail.com

4) EDUCATIONAL QUALIFICATION

| Exam/Degree | Year | College & University | OGPA | Division |
|--------------------------------|----------------|----------------------------------------------------------------------------------------------------------------|-------------|----------------------------------|
| Ph. D. (Animal Nutrition) | August 2012 | National Dairy Research Institute (NDRI), Haryana, India | 8.00/10 | Subject Topper |
| M.V. Sc. (Animal Nutrition) | July 2009 | College of Veterinary Sciences & Animal Husbandry, Central Agricultural University (CAU), Mizoram, India | 8.87/10 | University Gold Medal |
| B. V. Sc. & A.H. | July 2007 | Bombay Veterinary College, MAFSU, Maharashtra, India | 7.90/10 | 1st Class |

5) EXPERIENCE

(A) RESEARCH EXPERIENCE & PUBLICATION

THESIS

(i) **M.V.Sc. Research Title:** Studies on mineral status of soil-plant-animal system for augmenting livestock productivity of Aizawl district of Mizoram.

(ii) **Ph.D. Research Title:** Supplementing rumen protected choline to dairy cattle during transition period: Effect on milk production and reproductive performance.

PUBLICATIONS

| | |
|-------------------------|------------------------|
| ✓ Research Paper: 4 | ✓ Bulletins: 2 |
| ✓ Scientific Article: 2 | ✓ Poster: 1 |
| ✓ Practical Manual: 7 | ✓ Leaflets: 3 |
| ✓ Pamphlet: 1 | ✓ Book: 1 (in process) |

Research Papers

- 1) Amrutkar SA, **Pawar SP**, Thakur SS, Kewalramani NJ and Mahesh MS (2015). Dietary Supplementation of Rumen-Protected Methionine, Lysine and Choline Improves Lactation Performance and Blood Metabolic Profile of Karan-Fries Cows. Agric Res., 4: 396-404. DOI 10.1007/s40003-015-0178-2.
- 2) **Pawar SP**, Kewalramani NJ, Thakur SS, and Jasmine Kaur (2015). Effect of Dietary Rumen Protected Choline Supplementation on Milk Choline Content in Crossbred Cows. Indian J. Anim. Nutr., 32 (1): 30-35.
- 3) Amrutkar SA, Thakur SS and **Pawar SP** (2014). Economics of Supplementing Rumen Protected Methionine and Lysine in the Ration of Lactating Crossbred Cows. Indian J. Anim. Nutr., 31 (1): 14-19.
- 4) Amrutkar SA, Thakur SS and **Pawar SP** (2014). Influence of Rumen Protected Methionine and Lysine Supplementation on Milk Production, Composition and Nutrient Utilization in Periparturient Dairy Cows. Indian J. Anim. Nutr., 31 (2): 110-118.

Scientific articles

- 1) Suhas Amrutkar, **Shivaji Pawar**, Sachin Shelake, Rujusmita Sarma Deka and Suraj Amrutkar (2012). Managing reproductive disorders in dairy animals with rumen protected nutrients. In 54th National Symposium, Kolkata, by CLFMA of India.
- 2) **Shivaji Pawar** (2016). Snake Venom. KCVAS, College Annual Magazine-2016, Amritsar, Punjab.

Practical Manuals

- 1) Principles of Animal Nutrition and Feed Technology, ANN - 111 (2 + 1)
- 2) Applied animal nutrition - I (Ruminants), ANN - 121 (2 + 1)
- 3) Applied Animal Nutrition - II (Non-ruminants, Poultry and Laboratory Animals), ANN - 211 (2 + 1)
- 4) Animal Nutrition Manual – I
- 5) Animal Nutrition Manual – II
- 6) Applied Animal Nutrition & Feed Processing
- 7) Range Ecology and Management

Bulletins

- 1) Water and its Management in Poultry Production
- 2) Complicating Respiratory Pathogens in Poultry

Poster

Entitled "Livestock sector in relation to global warming and environmental concern" presented at ILDEX (INDIA) 2009 at Pragati Maidan, New Delhi.

Pamphlet

Entitled "Common Snakes of Karnal" distributed to Karnal district of Haryana.

Leaflets

- 1) Toxin Binder Feed Additive
- 2) Dioxin Free Toxin Binder Feed Additive
- 3) Feed Acidifier

(B) RESEARCH PROJECTS

(1) **Title:** Manufacturing and marketing of Area Specific Mineral Mixture in Amritsar area of Punjab, India.

- Position: In-charge of project
- Funded by KCVAS, Punjab, India
- Duration: 2013 to 2016.
- Under the scheme of Entrepreneur Training Programme

(2) **Title:** Evaluation of Different Feed Ingredients of Livestock in Kaffa, Bench Maji and Sheka Zones, South Western Ethiopia.

- Position: Principal Investigator
- Duration: 2017 to 2018
- Budget: 2,05,296 ETB
- Country: MTU, Ethiopia

(3) **Title:** Assessment of dairy Cattle Feed Resources: Chemical composition and Digestibility of Major Feeds in Benchi - Maji zone of southern Ethiopia.

- Position: Co-Investigator
- Duration: 2017 to 2018
- Budget: 69,000 ETB
- Country: MTU, Ethiopia

(4) Community Project

Title: Developing appropriate pure breeding plans and establishing community based breeding scheme for conservation and improvement of sheko cattle breed in Bench Maji zone, south-western Ethiopia.

- Position: Member of project committee
- Duration: 2017 to 2021
- Budget: 273249.9 ETB
- Country: MTU, Ethiopia

(C) TEACHING EXPERIENCE

| Position | College & University | Country | Duration | Period |
|---------------------|------------------------------------------------------------------------------------|---------------------------|-----------------|----------|
| Associate Professor | Apollo College of Veterinary Medicine, Rajasthan Uni. of Vety & Animal Sciences | Jaipur, INDIA | 2018 till date | > 6 year |
| Assistant Professor | College of Agriculture and Natural Resources (CANR), Mizan Tepi University | Mizan, ETHIOPIA | 2016 to 2018 | 2 years |
| Assistant Professor | Khalsa College of Veterinary & Animal Science (KCVAS), Amritsar | Punjab, INDIA | 2013 to 2016 | 3 years |
| Product Manager | Pfizer Animal Health India Ltd. | Mumbai, INDIA | 2012 to 2013 | 1 year |
| Total experience | | More than 12 years | | |

COURSES IN HAND (since July, 2018 till date)

- Currently working as Associate Professor, Department of Animal Nutrition, Apollo College of Veterinary Medicine, Jaipur, India since July, 2018.
- Credit Courses to Professional **Veterinary Students** (B.V.Sc. & A.H.) of IInd year as per the MSVC rules & regulations governed by Veterinary Council of India (VCI).
 - ✓ Unit 1: Principles of Ani. Nutri. & Feed Tech. ✓ Unit 3: Applied Ruminant Nutrition - II
 - ✓ Unit 2: Applied Ruminant Nutrition - I ✓ Unit 4: Applied Non-Ruminant Nutrition

CURRENT ACTIVITIES

- Chief Hostel Warden, ACVM
- Officer In-charge, Sport & Games, ACVM
- Member Secretary, Student Welfare, Hostel Management & Discipline Committee (SWHM & DC), ACVM
- Chairman, Tree plantation Committee, ACVM
- In-charge, Flag Hoisting Ceremony of Independence Day and Republic Day, ACVM
- Member, Organizing committee, 20th Annual Sports & Cultural Meet - 2023
- Member, Organizing committee, College Annual Day, Oasis – 2018
- Member, Organizing committee, Zonal (West) Level SAPI Veterinary Physiology Quiz Competition – 2018 at ACVM

- Chairman, Registration-cum-stage committee, One day Symposium on Veterinary Laboratory Diagnosis 2019
- In-charge, Security Section, ACVM
- Member, Institute & Hostel Level Anti-Ragging Squad
- External Examiner/ Dean representative, Annual Practical Examination
- Member Secretary, Resume Analysis Committee, ACVM
- Member, Educational Visits Committee, ACVM
- In-charge, Student Advisors
- Member, Welfare of Disable Students Committee, ACVM
- Speaker, Institutional/ motivational/ technical seminar
- Member, Animal Health & Treatment Camp committee, Jaipur
- Co-Chairman, Bird Treatment Camp, ACVM
- Member, Annual Physical Verification Committee (Instruments & Records), ACVM
- Member, ACVM Website Committee

COURSES HANDLED (from 2016 to 2018, ETHIOPIA)

- Teaching to **Undergraduate (B.Sc.) and Postgraduate (M.Sc.) students.**
- Courses to regular as well as summer-season students.
- Successfully handled Parallel, Blocked and Face to Face mode of delivery of courses.
- **Teacher's Performance Evaluation Score: > 8.5 = A+**

| Programme | Course code | Credit Hours | Course title |
|-------------------------|--------------------|---------------------|--------------------------------------------|
| Post graduate programme | AnSc 6361 | 3 (2 + 1) | Advances in Animal Nutrition |
| Undergraduate programme | AnSc 2042 | 3 (2 + 1) | Principle of Animal Nutrition |
| | AnSc 2043 | 3 (2 + 1) | Applied Animal Nutrition & Feed Processing |
| | VetM 3103 | 3 (2 + 1) | Animal Health & Disease Control |
| | AnSc 3092 | 2 (2 + 0) | Swine Production |
| | AnSc 4141 | 1 (0 + 1) | Senior seminar |
| | Plsc2081 | 2 (2 + 0) | Introduction to Animal Science |

COURSES HANDLED (2013 - 2016, INDIA)

- Credit Courses to Professional Veterinary Students (B.V.Sc. & A.H.)

| Academic Year | Credit hours | Course title |
|-------------------------------------------|---------------------|--------------------------------------------------------------------|
| 1 st year/ 1 st sem | ANN - 111; 3(2 + 1) | Principles of Animal Nutrition & Feed Technology |
| 1 st year/ 2 nd sem | ANN - 121; 3(2 + 1) | Applied animal nutrition- I (Ruminants) |
| 2 nd year/ 3 rd sem | ANN - 211; 3(2 + 1) | Applied Animal Nutrition- II (Non-ruminant & Lab Animal Nutrition) |

- Course In-charge of Non-credit courses viz.,
 - ✓ Study Circle
 - ✓ National Service Scheme (NSS)
 - ✓ Tracking Programme
 - ✓ Entrepreneurial Training
- Successfully assisted in teaching of practical classes to **Post-graduate Veterinary** students (M.V.Sc.) of Animal Nutrition.

| Academic Year | Credit hours | Course title |
|------------------------------------------------------|---------------------|--------------------------------------------------------|
| M.V.Sc. Animal Nutrition 1 st semester | AN 612 3 (2 + 1) | Ruminant Nutrition |
| M.V.Sc. Animal Nutrition 2 nd semester | AN 621 4 (3+1) | Animal Nutrition - Minerals, Vitamins & Feed Additives |

POSTS & POSITIONS IN INDIA

- Assistant Controller of Examination (COE) at KCVAS, Amritsar
- Secretary of Alumni Association of KCVAS, Amritsar
- Editor of KCVAS News letter
- Member of KCVAS Magazine Editorial Board
- College website design, maintenance and update (www.kcvas.com; from 2013 to 2016)
- In-charge of Fodder Demonstration Plot at KCVAS
- Preparation of College Status Report & PPT for Veterinary Council of India (VCI) recognition visit at KCVAS

ACTIVITIES

- Demonstration of urea-molasses-mineral block preparation, urea treatment of straw and DORB to students and training participants
- Organizer of Volley Ball and Cricket Tournament (2014)
- Positioned as a Judge in Livestock Championship and Milk Yield Competition held at Taran Taran District of Punjab (2014)

- Organizer of NSS Special Camp (2015 & 2016)
- Organizer of Educational Tour of Second Year of BVSc & AH professional (2015)
- Sport In-charge of KCVAS students in Intercollegiate Annual Athletic Meet (2015 and 2016) at GADVASU, Ludhiana

(D) CORPORATE EXPERIENCE

Worked as Product Manager in Poultry Division of **Pfizer Animal Health India Limited** at Head Quarter, Mumbai, India during 2012-2013.

- Core committee member of inauguration event of Transition of Pfizer to Zoetis held at Hyderabad, INDIA.
- Conducted "Induction Program" for new Pfizer Employees of 15 days each at Mumbai, New Delhi and Hyderabad
- Strategy making for marketing of Nutritional and Medicated Feed Additive (MFA) product portfolio in INDIA
- Poultry Feed Formulation for broiler, layer and breeder as per requirement
- In-charge of Feed analysis services
- Technical support to field sales officers
- Technical advice on New Product Development
- Problem solving on field quarries and quality issues
- Development of Poultry Technical Bulletin (TOPICS)

(E) FIELD WORK EXPERIENCE

- Worked as an assistant to Livestock Development Officer or Veterinary Doctor at Bhagyalakshmi Dairy Farm, Manchar (Pune); Kolhapur Veterinary Polyclinic (Kolhapur); Miraj Veterinary Polyclinic (Sangali) and Institute of Poultry Management & Technology, Urali-kanchan (Pune) of Maharashtra state, India
- Different Pigeon vaccination camps in Mumbai and suburbs (Maharashtra state)
- Large animal FMD and HS vaccination camps, Bhiwandi, Thane (Maharashtra state), India.
- College Extension Education Program for 2 years (Maharashtra state)
- Vaccination and Treatment Camps for pigs organized in Aizwal, (Mizoram state)
- Large animal FMD and HS vaccination camps, Aizawl, (Mizoram state), India
- Community Project and activities in Ethiopia.

6) ACHIEVEMENTS & SCHOLARSHIPS

- 2024: Appointed as **Paper setter and Examiner** (External) for Animal Nutrition subject by the one of the Indian universities.
- 2023: Appointed as **Member of Reviewer Panel** for a peer-reviewed publication for Journal of World's Poultry Research (ISSN 2322-455X).
- 2020: Awarded "**Best Teacher Award – 2019**" on the occasion of Republic Day of India on 26th January 2020 at ACVM, Jaipur.
- 2019: Selected as **Assistant Professor** in Department of Animal Nutrition, College of Veterinary Sciences & Animal Husbandry, Jalukie, Nagaland, India.
- 2017: Selected for interview by **State University of New York**, USA for academic position as Assistant Professor in Animal Science.
- 2015: Appointed as **External Examiner** for Animal Nutrition – II at DGCN College of Veterinary & Sciences, Palampur, Himachal Pradesh, India.
- 2014: **Appreciation Letter** for the environment saving activities about snake rescue and rehabilitation by the Central Minister of Agriculture & Food Processing Industry, **Government of India**.
- 2013: Selected as **Assistant Professor** in Department of Animal Nutrition, College of Veterinary Sciences & Animal Husbandry, Tripura, India.
- 2012: Dairy Cattle Nutrition (DCN) Division **Subject Topper/ Merit Holder** during Ph.D. program at National Dairy Research Institute (NDRI), Haryana, India.
- 2011-12: Awarded "Innovation in Science Pursuit for Inspired Research (**INSPIRE**) Fellowship by Department of Science & Technology (DST), New Delhi for Ph.D. program at NDRI, Haryana, India.
- 2009-10: Awarded **Institute Fellowship** during Ph.D. program at National Dairy Research Institute (NDRI), Haryana, India.
- 2010: Scored **Highest marks** (100/100) in non-credit course "Technical Writing" during Ph.D. program at National Dairy Research Institute (NDRI), Haryana, India.
- 2009: **University Topper/ Gold Medalist** at Central Agricultural University, C.V.Sc. & A.H., Mizoram, during M.V.Sc. program.
- 2007: Awarded **University Merit Scholarship** during M.V.Sc. program at Central Agricultural University, C.V.Sc. & A.H., Mizoram.
- 2006: Awarded "**Eco-Friendly Decorator**" by Dean, Bombay Veterinary College, Parel, Mumbai.

- ☛ 2002: Awarded "**Subhas Bhende Puraskar/Award**" for Marathi Literature by Kirti M. Doongursee College, Dadar, Mumbai.
- ☛ 2001: Awarded "**Best Student Award**" by Indian Education Society, Nabar Guruji Vidyalaya, Worli Branch, Mumbai.
- ☛ 1991-1999: **School Topper** for consecutive Nine years in Mumbai.
- ☛ 1994: Scored **Third Rank** in Maharashtra state for Mathematics Examination held by Indian Education Society, Navhind Vidyapith, Mumbai.

7) TECHNICAL EXPERTISE

Feed Formulation

- Cattle feed formulation according to NRC (2001) software
- Poultry feed formulation with the help of Brill™ (Feed Management System, USA) Software

Nutrition Laboratory Techniques

- In-vivo technique, In-vitro technique, In-sacco technique, RUSITEC technique
- Digestion, metabolic and lactation trials
- Antinutritional factors estimation and Macro and micro-mineral Estimation
- Milk composition analysis
- Proximate principles estimation, Feed analysis by Van Soest method, Total Digestible Nutrient (TDN) Estimation (As per NRC, 2001 and AOAC methods)

Instrument handled with ease

- AAS, HPLC, GLC, Spectrophotometer, ELISA Plate reader, Kel-Plus, Sox-Plus, Rusitech, Lacto-Star

Computer Knowledge

- Computer skills: MS Word, MS Excel, MS PowerPoint, Tally 6.3, MS-Office, Internet Browsing and all online work
- Data processing techniques: SPSS, SysStat, GrapPad Prism

8) PROFESSIONAL TRAININGS

- Participated online trainings related with Animal Nutrition and allied subject.
- Pfizer Enterprise Records & Information Management (e-RIM), The International Anti-Bribery & Anti-Corruption Procedure, International Blue Book Training at Pfizer Animal Health India Ltd., Mumbai.
- Training on "**Bioinformatics - Concept and Application**", held at Bioinformatics Infrastructural Facility (BIF) at C.V.Sc. & A.H., CAU, Aizawl, Mizoram.
- Internship training at different places in Maharashtra, India as a compulsory part of Undergraduate program for the duration of 6 months.
- Successfully completed the computer course of "**Tally-6.3**" at St. Angelo's Computers Ltd. under Police Computer Academy, Mumbai, Maharashtra.
- Successfully completed the computer course of "**MS-Office 2K**" at ACE Computers, Worli, Mumbai, Maharashtra.

9) EXTRA CURRICULAR ACTIVITIES

- **Snake Rescue & Rehabilitation Seminars** were delivered at various colleges and universities of India and Ethiopia during awareness activities in society as Extension Work.
 - ABC of Snake
 - Snake - The Beauty of Nature
 - The Mysterious World of Snake
 - Snake Identification
 - Snake Handling
 - Snake Rehabilitation
 - Snake Bite: First Aid & Medical Assistance
- Successfully rescued **more than 500 snakes** (venomous and non-venomous) from different locations of India.
- **Juggling shows** (Total No. 4) were performed at **State and National** level events.
- 2013: Design and constructed an "**Antique Fort**" as a decoration scene for the Ganesh Festival organized at National Dairy Research Institute (NDRI), Haryana.
- 2010: Founder member of **Snake Rescue Circle** - Helping hands towards snakes, in National Dairy Research Institute (NDRI), Haryana, in year 2010.

- 2004-2006: **Stage Decoration** during Annual Function "Spandan" held at Bombay Veterinary College, Parel, Mumbai.
- 2006: **BVC Representative** during All Maharashtra Veterinary Student Union held at Nagpur, Maharashtra.
- 2007: Successfully completed "National Service Scheme" and N.S.S. Special Camping Programme held at Kalyan, Dist. Thane, Maharashtra.
- 2002-2006: **Cricket and Football Team Captain** of Sainath Sports Club, Mumbai.
- 1999: Participated in various schemes and camps under Maharashtra Cadet Corps (M.C.C.), Mumbai, Maharashtra.
- 1998: Work as volunteer to help illiterate in "**Project - Sahas**" organized by Saksharata Hakka Samiti, Mumbai.

10) MEMBERSHIPS IN PROFESSIONAL ORGANIZATIONS

- Animal Nutrition Society of India: Reg. No. 55/2008
- Veterinary Council of India: Reg. No. 003349
- Maharashtra State Veterinary Council: Reg. No. 7739
- Snake Rescue Circle, NDRI, Karnal: Founder member
- Apollo Wildlife Club, ACVM, Jaipur: Advisor

11) REFERENCES

1) Dr. Satish Kumar Jand (Ph.D, FISVIB, FNAVS)

Former Dean, Post Graduate Studies (PGS) & Registrar, Guru Angad Dev Veterinary and Animal Sciences University, (GADVASU), Ludhiana.

Ex. Dean, Khalsa College of Veterinary & Animal Science, Amritsar, Punjab

Email: jandsatish@gmail.com, (M): +91-9815661745

2) Dr. S. K. Nagpal. (Ph.D, FNAVS, FIAVA)

Managing Director, Khalsa College of Veterinary & Animal Sciences, Ram Tirath Road, Amritsar, Punjab-143001, India.

Former Dean, College of Veterinary Science, Hisar.

E-mail: drsknagpal@gmail.com, (M): + 91-9779048400

3) Dr. Arup Kumar Samanta (Ph.D)

Head, Department of Animal Nutrition, College of Veterinary Sciences & Animal Husbandry, Central Agricultural University, Selesih, Aizawl, Mizoram, India

E-mail: aksamanta73@gmail.com, (M): +91-9862335446

DECLARATION

I hereby declare that the information furnished above is true to the best of my knowledge.

Date: 28.9.2024

Place: Jaipur, Rajasthan

Dr. Shivaji Pandurang Pawar