



Maina Kumari d/o Sukhdev  
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Rajasthan  
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**DR. MAINA KUMARI**

(Assistant Professor; Veterinary and Animal Husbandry Extension Education, CVAS, Bikaner)

**Job Objective:**

- ❖ As Vergehes Kurian once said, “Help a student and you have helped generations to come; what more can a nation need if not this”. I will take this visionary thought as a guiding torch in my professional career. I will strive hard to develop and flourish young minds so they can contribute to fields like research & development, teaching and extension.
- ❖ Apart from teaching, I am wholeheartedly willing to provide guidance, counselling and mentoring that will contribute to the overall development of the students.
- ❖ I will work for the institution's betterment and I am sure that my sincerity and dedication to academics and inclination towards teaching, research and extension services will always contribute to my university flag being held high.

**Educational Qualification:**

Qualification	School/College/ University/Board	Passing year	OGPA/ Percentage
NET (ICAR)	Agricultural Scientists Recruitment Board	2021	70.00
NET (ICAR)	Agricultural Scientists Recruitment Board	2019	49.78
NET (UGC)	University Grant Commission	2017	62.00
PhD (Vet. Extension Education)	Indian Veterinary Research Institute (IVRI), Izatnagar, Bareilly, (UP)	2020- 2023	88.20
M. V. Sc. (Vet. Extension Education)	Indian Veterinary Research Institute (IVRI), Izatnagar, Bareilly, (UP)	2017-19	8.29

B. V. Sc & A.H.	Rajasthan University of Veterinary and Animal Sciences (RAJUVAS), Bikaner	2011-16	8.30
12 <sup>th</sup>	Veer Teja Girls Senior Secondary School, Mundawa, Nagour, (Rajasthan)	2009	78.00
10 <sup>th</sup>	Veer Teja Girls Senior Secondary School, Mundawa, Nagour, (Rajasthan)	2007	69.00

### **Work Experience:**

- Currently working as an Assistant Professor in the Department of Veterinary and Animal Husbandry Extension Education, CVAS, Bikaner.
- Serving as the coordinator for the University Social Responsibility (USR) program at RAJUVAS, Bikaner.
- Worked as Assistant Professor in the Department of Veterinary and Animal Husbandry Extension Education at Apollo College of Veterinary Medicine, Jaipur (02.08.2019-02.03.2021) (1 year, 7 months 6 days)

### **Research:**

- Doctorate research work completed on “*Multidimensional analysis of parasitic infestation in dairy animals and its management using an ICT tool*”
- Master’s thesis work done on “*Impact Assessment of Training Programs on Layer Farmers of Uttar Pradesh*”.

### **Seminar/Symposium/Conference Attended:**

- 1<sup>st</sup> First International Extension Education Congress 2023 (IEEC-2023) of Society of Extension Education on the theme Rural transformation and sustainable agri-food system through CBO-based extension strategy organised by RARI Durgapura (SKNAU Jobner) Jaipur Rajasthan during December 18-20, 2023.
- 5<sup>th</sup> National Conference of Society for Veterinary and Animal Husbandry Extension (SVAHE) on the theme “Smart Livestock Extension for Enhancing Farmers Income-An Extension Bounty” Organised by Khalsa College of Veterinary and Animal Sciences (KCVAS), Amritsar, Punjab during October 12-14, 2023.
- 5<sup>th</sup> Annual Convention and National Conference of the National Academy of Veterinary Nutrition and Animal Welfare on the theme “Coordinated nutrition, health, and extension approach for sustainable livestock production” organized by Nanaji Deshmukh Veterinary Science University, Jabalpur (Madhya Pradesh) during September 21-22, 2022.
- 4<sup>th</sup> National Conference of Society for Veterinary and Animal Husbandry Extension Education (SVAHE) on the theme “Pluralistic Approaches for Livestock Development-An Extension Call” organized by DGCN College of Veterinary & Animal Sciences, CSK HPKV, Palampur (Himachal Pradesh) during May 06-08, 2022.

- National Seminar of Indian Society of Extension Education (ISEE) on the theme Holistic Approach for Enhancing Agriculture Growth in Changing Rural Scenario, by Swami Keshwanand Rajasthan Agriculture University, Bikaner (Rajasthan) during November 14-16, 2019.
- 3<sup>rd</sup> National Conference of Society for Veterinary and Animal Husbandry Extension Education (SVAHE) on the theme “Livestock Development for Societal Needs: Extension and Allied Initiatives” organized by G.B. Pant University of Agriculture & Technology, Pantnagar (Uttarakhand) during April 03-05, 2019.
- 19<sup>th</sup> Organic World Congress of IFOAM Animal Husbandry Alliance (IAHA) on the theme “Role of Livestock in Sustainable Agriculture” organised by National centre of Organic Agriculture Ghaziabad, India on 7 & 8<sup>th</sup> November 2017.

### **Workshop/Bootcamps:**

- Certificate of participation in Australia-India Council International Workshop on “Sustainable Livestock Production under Impending Climate Change” during 21-22 December 2022, organized by IVRI, Izatnagar, India in collaboration with University of Melbourne, Australia.
- Certificate of participation in Agripreneurship Bootcamp Cum Ideathon on September, 5-9, 2022 organized by NAU, Navsari (Gujrat).
- Certificate of participation in Innocity Entrepreneurship Bootcamp on 22, 23 and 24 January 2020 organized by Startup Oasis and Livestock Innovation, Knowledge & Entrepreneurship Skill (LIKES) Cell, PGIVER, Jaipur.
- Certificate of participation in WING Workshop for Women Entrepreneur on 24-25 February 2020 organized by Startup Oasis in Jaipur on 24-25 February 2020.
- Certificate of the attended workshop on Wildlife Management and Health on 13 August 2013 organized by RAJUVAS, Bikaner.

### **Publications:**

#### **Research Papers**

1. Maina Kumari, Rupasi Tiwari, Ashutosh Fular, Amol Patil, Pratikshya Panda, and Triveni Dutt. (2024) Assessing the utilization patterns of antiparasitic drug and farmer’s perception: implications for resistance in India's dairy farming sector. *International Journal of Tropical Insect Science*, Volume 44, pages 913–930, (2024). <https://doi.org/10.1007/s42690-024-01195-8>.
2. Pratikshya Panda, Rupasi Tiwari, Amandeep Singh, Maina Kumari, Kaushlendra Singh and Triveni Dutt (2024). Awareness and adoption of farm biosecurity practices in commercial dairy, pig and poultry farms of Uttar Pradesh (India). *Tropical Animal Health and Production*, 56:203-216.
3. Patil, A. P., Chander, M., Singh, B. P., Verma, M. R., Kumari, M., & Johnson, D. C. (2024). Perceived Constraints in Goat Rearing: Insights from the Goat Banking Attempt in Maharashtra. *Ind J Vet Sci and Biotech*. 20(1), 61-65.

4. Patil, A. P., Chander, M., Verma, M. R., Kumar, S., Kumari, M., & Johnson, D. C. (2024). E-readiness Evaluation and Training Needs Assessment among Goat Bank Pashusakhis in Maharashtra. *Indian Journal of Extension Education*. 60(1), 85-90.
5. Pratikshya Panda, Rupasi Tiwari, Amandeep Singh, Maina Kumari and Triveni Dutt (2023). Utilization pattern and perceived utility of IVRI-biosecurity and biosafety app. *International Journal of Veterinary Sciences and Animal Husbandry*, 8(2): 18-21.
6. Maina Kumari, Rupasi Tiwari, Pratikshya Panda, Sankar Muthu and Triveni Dutt. (2023). Test to Measure Farmers' Knowledge on Management of Parasitic Infestation in Dairy Animals. *Indian Journal of Extension Education* 59 (2): 113-117.
7. Bhumra, H., Goyal, T. C., Rajoria, S., Kumar, S. and Kumari, M. (2021). Constraints Perceived by Women Dairy Farmers in Scientific Management of Dairy Animals in Rajasthan. *Indian Journal of Extension Education*. 57(2): 122-128.
8. Dhawal, K., Rajput, D., Sharma, N., Mishra, P., & Kumari, M. (2020). Socio-economic profile and knowledge level of camel owners about scientific management practices in arid zone of Rajasthan. *Ruminant science* 9(1): 107-112.
9. Kumari, M., Sagar, M.P., Dhawal, K. and Bhumra, H. (2019). Extension Agency Contact and Technology Sharing among Trainee and Non-Trainee Layer Farmers. *Indian Journal of Extension Education* 55(2): 31-34.

#### **Popular articles:**

1. Maina Kumari and Manish Kumar (2024). "Garmiyan me pashuo ko tapghat se kaise bchaye" *Krishakaradhana*, May 2024, 12(9): 5.
2. Maina Kumari and Manish Kumar (2024). *Parjeevi Virodhi Partirodh-Ek Nayi Chunoti*, September, 2024:7.
3. Maina Kumari and Manish Kumar (2024). "Pashuo me Pica Rog" *Pashu Palan Naye Aayam* 2024, 11(10): 5.
4. Maina Kumari and Manish Kumar (2024). "Barsat ke Mausam me pashuo ka parbhandhan" *Pashu Palan Naye Aayam*, 2024, 11(12): 6.
5. Maina Kumari and Kamlesh Kumar Dhawal (2023). "Vaighanik trike se machhli palan" *Kheti*, July 2023, 33-35.
6. Kumari, M. and Dhawal, K. (2022). "Parasitic Infestation in Dairy Animals: Management and Related Issues" *Vigyan Varta* 3(7): 106-112.
7. Kumari, M. and Dhawal, K. (2022). "E-Pashuhaat: Online Portal for Livestock Trading" *The Agriculture Magazine* 1(9): 162-164.
8. Kumari, M. and Dhawal, K. (2022). *Dudharoo paasho ka parajeevee rog kito se bachaav*. *Karshi Gold Line* 14(24):7.
9. Dhawal, K. and Kumari, M. (2022). *Biosecurity in Dairy Industries: Measures and Limitations*. *Vigyan Varta* 3(7): 113-117.

10. Kumari, M. and Kumawat, M. (2021). Dairy Udhoyog ke liye bahut bada Aarthik sankat hai Theleriosis. *Karshi Gold Line* 13(12):8.
11. Kumari, M. and Kumawat, M. (2021). Dairy, Pashupalan and Karshi me aishe bnaye carrier. *Karshi Gold Line* 13(14):4.
12. Kumari, M. and Dhawal, K. (2021). "Application of Artificial Intelligence (AI) in Animal Husbandry" *Vigyan Varta* 2(2): 27-29.
13. Kumawat, M. and Kumari, M. (2021). Role of Phosphorus in Rumen Fermentation. *Vigyan Varta* 2(1): 77-80.
14. Kumari, M. and Kumawat, M. (2021). Blockchain Technology: A Game Changer of Dairy Industry. *Indian Farmer* 8(2): 191-194.
15. Kumari, M. and Kumawat, M. (2021). "Impact of COVID-19 on the Livestock Sector: Overview". *Vigyan Varta* 2(1): 48-50.
16. Harshita Bumrah and Maina Kumari (2021). Pashuaahar. *Karshi Smarika*, 118-119.
17. Kumari, M. (2020). "Urea Poisoning in Ruminants". *Pashudhan Praharee*, 31.
18. Kumari, M. and Dhawal, K. (2020). "Utilization Patterns of Livestock Waste: Waste is Wealth!" *Vigyan Varta* 1(2): 63-65.
19. Kumari, M. and Dhawal, K. (2019). "Rogaanurodhee Pratirodh: Khatare avum Bachaav". *Pashu Sandesh*, 4.
20. Kumari, M. and Dhawal, K. (2019). Pashudhan Kshetr me Chunotiya aur Sujhaav. *Pashupalan Naye Aayam*. 4(11): 4.
21. Joshi, P., Kumari, M., Yadav, D., Das, A. and Mishra, A. (2018). "Vaigyanik Tareeke se Pashupalan ka Mahatv avum Pashudhan ka Raashtreey Vikas me Yogadaan". *Swabhiman Yug*, 20.
22. Dhawal, K., Kumari, M. and Rajput, D. (2017). "Bhamashah Pashu Bima Yojna". *Pashupalan Naye Aayam*. 7(2): 5.

## Abstracts

1. Maina Kumari, Rupasi Tiwari, Pratikshya Panda and Triveni Dutt (2023). Knowledge regarding the management of parasitic infestation in dairy animals. 1<sup>st</sup> First International Extension Education Congress 2023 (IEEC-2023) of Society of Extension Education on the theme Rural transformation and sustainable agri-food system through CBO-based extension strategy organised by RARI Durgapura (SKNAU Jobner) Jaipur Rajasthan during December 18-20, 2023.
2. Shikhakrati Negi, Rupasi Tiwari and Maina Kumari (2023). Utilizing user engagement and viewer preference to create relevant content for livestock farmers. 1<sup>st</sup> First International Extension Education Congress 2023 (IEEC-2023) of Society of Extension Education on the theme Rural transformation and sustainable agri-food system through CBO-based extension strategy organised by RARI Durgapura (SKNAU Jobner) Jaipur Rajasthan during December 18-20, 2023.
3. Maina Kumari, Rupasi Tiwari, Pratikshya Panda and Triveni Dutt (2023). Knowledge regarding the management of antiparasitic resistance in dairy animals. 5<sup>th</sup> National Conference of Society for Veterinary and Animal Husbandry Extension (SVAHE) on the theme "Smart Livestock Extension for Enhancing Farmers Income-

An Extension Bounty” 146.

4. Pratikshya Panda, Rupasi Tiwari, Maina Kumari, Amandeep Singh and Triveni Dutt (2023). Perception of Commercial Livestock and Poultry Farmers Regarding Various Farm Biosecurity Measures. 5<sup>th</sup> National Conference of Society for Veterinary and Animal Husbandry Extension (SVAHE) on the theme “Smart Livestock Extension for Enhancing Farmers Income-An Extension Bounty” 99.
5. Kumari, M., Sagar, M.P., Dhawal, K. and Panda, P. (2022). Economic Analysis of Income in Layer Farms of the State Uttar Pradesh. 4<sup>th</sup> National Conference of Society for Veterinary and Animal Husbandry Extension Education (SVAHE) on the theme “Pluralistic Approaches for Livestock Development-An Extension Call”, 99.
6. Kumari, M., Tiwari, R., Panda, P., Muthu, S., and Dutt, T. (2022). Perception of Animal Health Care Professionals Towards Development of Parasiticide Resistance in Dairy Animals. 5<sup>th</sup> Annual Convention and National Conference of the National Academy of Veterinary Nutrition and Animal Welfare on the theme “Coordinated nutrition, health, and extension approach for sustainable livestock production”, 137.
7. Panda, P., Tiwari, R., Singh, A., Kumari, M. and Dutt, T. (2022). Knowledge about farm biosecurity among commercial livestock and farmers. 5<sup>th</sup> Annual Convention and National Conference of the National Academy of Veterinary Nutrition and Animal Welfare on the theme “Coordinated nutrition, health, and extension approach for sustainable livestock production”, 212.
8. Dhawal, K., Rajput, D. and Kumari, M. (2022). Utilization and Marketing Pattern of Camel in Arid Zone of Rajasthan. 4<sup>th</sup> National Conference of Society for Veterinary and Animal Husbandry Extension Education (SVAHE) on the theme “Pluralistic Approaches for Livestock Development-An Extension Call”, 333.
9. Bharti, R., Sagar, M.P., Singh, D. and Kumari, M. (2019). Performance of Backyard Poultry Reared by Rural Women in Bundelkhand Region of Uttar Pradesh. 3<sup>rd</sup> National Conference on Livestock Development for Societal Needs: Extension and Allied Initiatives. Society for Veterinary and Animal Husbandry Extension Education (SVAHE), India, 165.
10. Kumari, M., Sagar, M.P., Dhawal, K. and Bhumra, H. (2019). Average Employment Generation Through Layer Farming in State Uttar Pradesh. ISSE National Seminar on Holistic Approach for Enhancing Agriculture Growth in Changing Rural Scenario. Indian Society of Extension Education, India, 354.
11. Sagar, M.P. and Kumari, M. (2019). Impact Assessment of Layer Farming Training Programs. ISSE National Seminar on Holistic Approach for Enhancing Agriculture Growth in Changing Rural Scenario. Indian Society of Extension Education, India, 91.
12. Singh, A., Tiwari, R., Kumar, P., Panda, P., Kumari, M. and Dutt, T. (2019). Development and Assessment of a mobile App for Organic Waste Management. ISSE National Seminar on Holistic Approach for Enhancing Agriculture Growth in

Changing Rural Scenario. Indian Society of Extension Education, India, 46.

13. Dhawal, K., Rajput, D., Sharma, N., Mishra, P., & Kumari, M. (2019). Extension Agencies Utilized by Camel Owners in Arid Zone of Rajasthan. ISSE National Seminar on Holistic Approach for Enhancing Agriculture Growth in Changing Rural Scenario. Indian Society of Extension Education, India, 96.

**Achievements:**

- Merit position in Rajasthan University of Veterinary and Animal Sciences:
  - B. V. Sc. & A. H. III (2013-14) 4<sup>th</sup> rank
  - B. V. Sc. & A. H. IV (2014-15)- 2<sup>nd</sup> rank
  - B. V. Sc. & A. H. V (2015-16)- 3<sup>rd</sup> rank
- The certificate of participated in National Service Scheme (NSS)-2011-12 & 2012-13
- ICAR's PGS scholarship (With AIR rank GEN-22, OBC-11)- 2016

**Awards:**

- Awarded with **Best Poster Presentation award** in technical session KEIEGS-III (24) in 5<sup>th</sup> National Conference of Society for Veterinary and Animal Husbandry Extension (SVAHE) on the theme "Smart Livestock Extension for Enhancing Farmers Income-An Extension Bounty" Organised by Khalsa College of Veterinary and Animal Sciences (KCVAS), Amritsar, Punjab during October 12-14, 2023.
- Awarded **Gold Medal & Certificate** for merit Position (3<sup>rd</sup> rank) in B. V. Sc. & A. H. in Rajasthan University of Veterinary and Animal Sciences by 30<sup>th</sup> batch Alumni.
- Awarded with **third prize in the technical session CANHM-VI in 5th Annual Convention and National Conference of the National Academy of Veterinary Nutrition and Animal Welfare** on the theme "Coordinated nutrition, health, and extension approach for sustainable livestock production", organized by Nanaji Deshmukh Veterinary Science University, Jabalpur (Madhya Pradesh) during September 21-22, 2022.
- Awarded with **third prize in Ideathon session in Agripreneurship Bootcamp Cum Ideathon** on September, 5-9, 2022 organized by NAU, Navsari (Gujrat).
- Awarded with **second prize in a leaflet competition** on World Animal Day on 4 October, 2021 organized by ICAR-IVRI, Bareilly, UP.
- Awarded with **first prize in Quiz competition** on world veterinary day on 29 April, 2023 organized by ICAR-IVRI, Bareilly, UP.

**Book Published**

1. **Extension Education at a glance** by Maina Kumari, Manish Kumawat, Kamlesh Kumar Dhawal, Amit Sharma, First Edition -2021, ISBN: 978-93-5445-649-7.
2. **Animal Nutrition Brief Understanding** by Manish Kumawat, Maina Kumari Amit Sharma, First Edition -2021, ISBN: 978-93-5445-135-5.

**Book Chapters published**

1. **Modern Extension Management through ICT Tools** by Kumari, M. and Dhawal, K. AkiNik Publication-2022, ISBN: 978-93-5570-276-0.

### **Farmer literature developed**

1. Training manual on title oSKkfud cdjh ikyu ,oa m|ferk
2. Folder on uotkr eseuksa dk izcU/ku
3. Folder on oSKkfud ,oa O;kolkf;d cdjh ikyu

### **Manual Published**

1. Practical Manual of Veterinary and Animal Husbandry Extension Education 2020 (As per MSVE-2016), UNIT-I: Third professional B.V.Sc & A.H. By Dr. Selvam S., Dr. Harshita Bhumra and Dr. Maina Kumari.
2. Practical Manual of Veterinary and Animal Husbandry Extension Education 2020 (As per MSVE-2016), UNIT-II: Third professional B.V.Sc & A.H. By Dr. Selvam S., Dr. Harshita Bhumra and Dr. Maina Kumari.
3. Practical Manual of Veterinary and Animal Husbandry Extension Education 2019 (As per MSVE-2016), UNIT-I: Third professional B.V.Sc & A.H. By Dr. Selvam S., Dr. Harshita Bhumra and Dr. Maina Kumari.
4. Practical Manual of Veterinary and Animal Husbandry Extension Education 2019 (As per MSVE-2016), UNIT-II: Third professional B.V.Sc & A.H. By Dr. Selvam S., Dr. Harshita Bhumra and Dr. Maina Kumari.
5. Compendium on Online mode lectures, 2019 for Third professional B.V.Sc & A.H. By Dr. Selvam S., Dr. Harshita Bhumra and Dr. Maina Kumari.

### **Paper Reviewed**

1. Certificate of reviewing paper of Journal of Scientific Research and Reports
2. Certificate of reviewing Uttar Pradesh Journal of Zoology
3. Certificate of reviewing Journal of Experimental Agriculture International

### **Professional membership:**

Registered Veterinary Practitioner under Veterinary Council of India, New Delhi, (Reg. No. 11189).

Registered Veterinary Practitioner under Rajasthan State Veterinary Council, Tonk road, Jaipur (Reg. No. 4686).

Life Member of Indian Society of Extension Education, New Delhi, (Membership id: Rajasthan/2021/10.2.21)

### **Training Experience:**

### **Training Conducted**



- Conducted 31 training programmes at Pashu Vigyan Kendra, Suratgarh as directed by the Directorate of Extension Education, RAJUVAS, Bikaner.
- Organised a 7 day training programme on Scientific goat farming and entrepreneurship as Officer Incharge of PVK, Suratgarh.
- Organised a 7 day training programme on Scientific and commercial goat farming as Officer Incharge of PVK, Suratgarh.

### **Participated in training**

- Participated in 10 days NEP 2020 Orientation & Sensitization Programme training under Malaviya Mission Teacher Training Programme (MM-TTP) of University Grants Commission (UGC) organized by MMTTC of Shri Lal Bahadur Shastri National Sanskrit University (Central University), New Delhi from 05.06.2024 to 14.06.2024.
- International Training Programme on “Advances in Pharmacology: Addressing the Paradigm Shift in Clinical and Para-Clinical Sciences” organized by College of Veterinary and Animal Husbandry, Rewa, N.D.V.S.U., Jabalpur (M.P.)- 21 Day from 28 December 202 to 21 January 2021.
- The National Level Higher Training on “Sustainable Development of Secondary Agriculture: Economical, Food-Nutritional and Livelihood Perspective” Sponsored by National Agriculture Higher Education Project (NAHEP) and organized by Navasari Agriculture University, Navasari, Gujarat. - 21 Day from 16 January to 05 February 2021.
- The National Level Higher Training on “Entrepreneurship Development in Veterinary Science and Livestock Product Industry” organized by ICAR- National Research Centre on Meat, Hyderabad-10 days from 8 March to 17 March 2022.

### **Radio Talk:**

1. Veganic Vidhi se Bakri Palan on Akash Wani on date 29.1.2024

### **Mobile App development:**

1. IVRI-Parasitic Management Guide App

### **Copyright obtained**

1. Mobile Application (IVRI-Parasitic Management Guide App) Literary Work English-Certificate number-L145660/2024.

### **MOOC courses attended:**

Certificate of successfully completed course with distinction “Conservation Agriculture-based Sustainable Intensification” a six-week online course, 31 March 2020.

Certificate of successfully completed course “Employment Generation among Rural Youth through Agripreneurship” a six-week online course, 14 June 2020.

Certificate of successfully completed course “Fundamentals of Agricultural Extension” an eight-week online course, 30 June 2020.

**Professional Skills:**

- Interactive communication skills with students and farmers
- Effectively conduct ICT tools.
- Good organisational skills.
- Radio talk for broadcast information on all India radio stations.
- Ability to work alone or as a part of a team.
- Great time management skills and can deliver work with utmost accuracy.
- Can conduct classes on subjects such as nutrition, home management, and farming techniques.
- Data base operation: Microsoft Office Access, MS-Excel access
- Statistical operation: SPSS

**Personal Details:**

Date of Birth	May 1, 1991
Father’s Name	Sukhdev
Marital Status	Married
Nationality	Indian
Languages Known	Hindi & English (Written & Spoken)
Category	OBC
Blood group	O+

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DECLARATION- I hereby solemnly declare that the above-mentioned information is correct to the best of my knowledge & belief.  
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**Dr. Maina Kumari**

Assistant Professor (CVAS, RAJUVAS, Bikaner)