


## Faculty Member Details

<b>Name:</b> Dr. Anil Kumar Chhangani		
<b>Date of Birth:</b>	29-01-1969	
<b>Date of joining:</b>	07-06-2011	
<b>Present Position:</b>	Associate Professor	
<b>Department:</b>	Environmental Science	
<b>Pay Scale + Grade Pay:</b>	37400-67000 (9000)	

### Mailing Address:

<b>Office:</b> Academic Block Maharaja Ganga Singh University N.H. 15, Jaisalmer Road, Bikaner-334004	<b>Residence:</b> D-270, Murlidhar Vyas Nagar, Bikaner- 334001 (Rajasthan)
<b>Telephone No.:</b> 0151-2212041 <b>Fax No.:</b> 0151-2212042	<b>Mobile No.:</b> 098291-89263 <b>E-mail:</b> chhanganiak@yahoo.com chhanganiak@mgsbikaner.ac.in

### Qualifications:

**D.Sc.** (Zoology), **Ph.D.** (Zoology), **M.Sc.** Zoology (Environment), **M.A.** Psychology (Educational).

### Specialization:

Biodiversity conservation and management, Environment impact assessment, Climate change impact studies, Eco-behavioral studies of mammals and birds, Field survey of natural resources in village institutions and people's science, Genetic and virological studies.

### Research and Teaching Experience (Ph.D. onwards):

Research	From	To
<b>S.R.F.</b> , Indo-US Primate Project, Department of Zoology, J.N.V. University, Jodhpur	December, 2000	January 2001
<b>Research Coordinator</b> , Indo-US Primate Project, Department of Zoology, J.N.V. University, Jodhpur	February 2001	July 2001

<b>Research Associate</b> , (CSIR) Council of Scientific & Industrial Research, New Delhi at Department of Zoology, J.N.V. University, Jodhpur	July, 2004	July, 2009
<b>Scientist (Pool Scheme)</b> , (CSIR) Council of Scientific & Industrial Research, New Delhi at Department of Zoology, J.N.V. University, Jodhpur	1 <sup>st</sup> August, 2009	5 <sup>th</sup> June, 2011
<b>Teaching Experience</b>		
Department of Zoology, J.N.V. University, Jodhpur	2000-2001 Session	
Department of Zoology, J.N.V. University, Jodhpur	2001-2002 Session	
Department of Zoology, J.N.V. University, Jodhpur	2002-2003 Session	
Department of Zoology, J.N.V. University, Jodhpur	2003-2004 Session	
Department of Zoology, J.N.V. University, Jodhpur	2004-2005 Session	
Department of Zoology, J.N.V. University, Jodhpur	2005-2006 Session	
Department of Zoology, J.N.V. University, Jodhpur	2008-2009 Session	
Department of Zoology, J.N.V. University, Jodhpur	2010-2011 Session	
<b>Department of Environmental Science, Maharaja Ganga Singh University, Bikaner.</b>	<b>7-6-2011</b>	<b>till date</b>

## Publications:

### I. Books published:

### II. Research Papers Published:

#### A. International

1. Mohnot, S.M.; Rajpurohit, L.S. and **Chhangani, A.K.** (1996). Solar eclipse interrupts circadian rhythms of Hanuman langurs: A natural experiment. *Asian Primates, USA*. 5 (1&2): 19-20.
2. Rajpurohit, L.S. and **Chhangani, A.K.** (1997). Males' number decreasing in Langurs (*Presbytis entellus*) around Jodhpur (India). *Primate Report, Germany*. 48 (2): 30.
3. **Chhangani, A.K.** (1999). Hanuman langur increases survival of large cat family members: A study in Kumbhalgarh Wildlife Sanctuary. *Proceeding of Asian Science Seminar on*

*Biodiversity, Primate Research Institute Japan*. Pp. 151-163.

4. **Chhangani, A.K.** (2002). Food and feeding of sloth bear (*Melursus ursinus*) in Aravalli Hills of Rajasthan, India: *Tigerpaper, Thailand*. 29 (2): 1-6.
5. **Chhangani, A.K.** (2002). Sleeping trees and survival of langurs in Kumbhalgarh Wildlife Sanctuary in Aravalli Hills, India. *Asian Primates, USA*. 8 (182): 14-17.
6. **Chhangani, A.K.** (2002). Ecology of vultures of different species in and around Jodhpur (Rajasthan), India. *Tigerpaper, Thailand*. 29(2): 28-32.
7. **Chhangani, A.K.** (2003). Population ecology of Hanuman langurs (*Semnopithecus entellus*) in the Aravalli Hills of Rajasthan, India. *Tigerpaper, Thailand*. 30(1): 1-7.
8. Rajpurohit, L.S; **Chhangani A.K;** Rajpurohit, Ram Singh and Mohnot, S.M. (2003). Observation of a sudden resident male replacement in a unimale bisexual troop of Hanuman langur, *Semnopithecus entellus* around Jodhpur, India. *Folia Primatologica, Germany*. 74(2): 85-87.
9. Nandi, J.S; Tikute, S.K; **Chhangani A.K;** Potdar V.A; Walimbe Atul; Mishra, M.T; Ashtekar, R.A; Kumari, J; Walimbe, A. and Mohnot, S.M. (2003). Natural infection by simian retrovirus-6 (SRV-6) in Hanuman langurs (*Semnopithecus entellus*) from two different geographical regions of India. *Virology, USA*. 311(1): 192-201.
10. **Chhangani, A.K.** & Mohnot, S.M. (2004). Crop raid by Hanuman langur *Semnopithecus entellus* in and around Aravallis, (India) and its management. *Primate Report, Germany*. 69: 35-47.
11. **Chhangani, A.K.** (2004). Killing of Hanuman langur (*Presbytis entellus*) in road accidents in Kumbhalgarh Wildlife Sanctuary, Rajasthan, India. *Primate Report, Germany*. 69:49-57.
12. Rajpurohit, L.S.; **Chhangani, A.K;** Rajpurohit, R.S. and Rajpurohit, Durg Singh. (2004). Isolated solitary male Hanuman langurs in a semi-arid region. *Primate Report, Germany*. 69 : 29-34.
13. **Chhangani, A.K.** (2004). Status of breeding population of Long-billed vulture (*Gyps Indicus indicus*) in and around Jodhpur (Rajasthan), India. *Vulture News, South Africa*. 50: 15-22.
14. **Chhangani, A.K.** (2004). Crop raid by Wild Boar, *Sus scrofa* in and around Aravalli's, and its management in Rajasthan, India *Tigerpaper, Thailand* . 31(2): 1-5.
15. **Chhangani, A.K.** (2004). Frequency of avian road-kills in Kumbhalgarh Wildlife Sanctuary, Rajasthan, India. *Froktail, UK*. 20: 110-111.
16. **Chhangani, A.K.** (2004). Foods of the Indian Flying Fox (*Pteropus giganteus*) in the Aravalli Hills, Rajasthan, India, *Bat Research News, USA*. 45(2): 42-45.
17. Nandi, J.S; Dooren, S.V; **Chhangani, A.K.** and Mohnot, S.M. (2006). New Simian  $\beta$  Retroviruses from Rhesus monkeys (*Macaca mulatta*) and langurs (*Semnopithecus entellus*) from Rajasthan, India. *Virus Genes, USA*, **33**: 107-116.
18. **Chhangani, A.K.** and Mohnot, S.M. (2006). Ranging behavior of Hanuman langur (*Semnopithecus entellus*) living in three different ecosystems. *Primate Conservation, USA*. 21: 171-177.

19. Robbins, P.F; **Chhangani, A.K**; Rice, J; Trigosa, E. and Mohnot, S.M. (2007). Enforcement Authority and Vegetation Change at Kumbhalgarh Wildlife Sanctuary, Rajasthan, India. *Environmental Management, USA*, 40 (3): 365-378.
20. **Chhangani, A.K**; Robbins, P. and Mohnot, S.M. (2008). Status of Raptors with special reference to vultures in and around Kumbhalgarh Wildlife Sanctuary. *Tigerpaper, Thailand*. 34(3): 16-21.
21. Waite, T.A; **Chhangani, A.K**; Campbell, Lesley G; Rajpurohit Lal S. and Mohnot, Surendra M. (2007). Sanctuary in the city: Urban monkeys buffered against catastrophic die-off during an ENSO-Related drought. *Eco-Health, USA*. 4(3): 278-286.
22. Waite, T.A; Campbell, L.G; **Chhangani, A.K.** and Robbins, P.: (2007) La Niña's signature: synchronous decline of the mammal community in a 'protected' area in India. *Diversity and Distributions, USA*. 13(6): 752-760.
23. Rajpurohit, L.S; **Chhangani A.K**; Rajpurohit, R.S; Bhaker, N.R; Rajpurohit, D.S. & Sharma, G. (2008). Recent observation on resident male change followed by infanticide in Hanuman langurs (*Semnopithecus entellus*) around Jodhpur. *Primate Report, Germany*. 75: 33-40.
24. **Chhangani, A.K.** and Mohnot, S.M. (2008). Demography of Migratory Vultures in and Around Jodhpur, India. *Vulture News, South Africa*. 58: 23-34.
25. Mohnot, S.M; Winkler, P; Sommer, V; Agoramoorthy, G; Rajpurohit, L.S; Srivastava, A; Borries, C; Ross, C; Stephen, D; **Chhangani, A.K**; Suhulke, O; Bhaker, N.R; Little, C; Rajpurohit, R.S; Sharma, G; Rajpurohit, D.S; Devilal, Vijay, P. and Swami, B. (2008). A 30-Years History of Kailana-I (K-I or B-19) bisexual troop of Hanuman Langur, *Semnopithecus entellus* at Jodhpur (India). *Primate Report, Germany*. 76: 55-61.
26. **Chhangani, A.K**; Robbins, P. and Mohnot, S.M. (2008). Crop raiding and livestock predation at Kumbhalgarh Wildlife Sanctuary, Rajasthan, India. *Human Dimension of Wildlife, USA*. 13: 1-12.
27. Waite, T.A; Corey, S.J; Campbell, L.G; **Chhangani, A.K**; Rice, J. and Robbins, P. (2008). Satellite sleuthing: does remotely sensed land-cover change signal ecological degradation in a protected area? *Diversity and Distributions, USA*. 15(2): 299-309.
28. **Chhangani, A.K.** (2009). Present status of the vultures in the Great Indian Thar Desert. *Book "Faunal Resources in the Great Indian Desert" Ed. by C. Sivaperuman et.al., Springer, Germany*. 65-83.
29. Robbins, Paul; McSweeney, Kendra; **Chhangani, A.K.** and Jennifer Li Rice. (2009). Conservation as It Is: Illicit Resource Use in a Wildlife Reserve in India. *Human Ecology, USA*. 37: 559-575.
30. Jonathan H.; **Chhangani A.K.**; Tom AW; Ian H. (2011). The impacts of La Niña-induced drought on Indian Vulture *Gyps indicus* populations in Western Rajasthan. *Bird Conservation International, USA*, (2011) 0:1-13.
31. Jayashree S Nandi, **Chhangani A.K.**, Mohnot SM (2011). Novel Simian Foamy Virus infection of wild Indian rhesus macaque (*Macaca mulatta*), *Retrovirology, USA*

	<p>8(Suppl1):A215 <a href="http://www.retrovirology.com/content/8/S1/A215">http://www.retrovirology.com/content/8/S1/A215</a></p> <p>32. Jayashree S Nandi, <b>Chhangani A.K.</b>; Mohnot SM, Felipe Diaz-Griffer (2011). Unique lentivirus infecting feral simians from forests of Rajasthan, India <i>Retrovirology, USA</i>, 8(Suppl 1):A212 <a href="http://www.retrovirology.com/content/8/S1/A212">http://www.retrovirology.com/content/8/S1/A212</a>.</p> <p>33. <b>Chhangani, A.K.</b>; Robbins P., and Mohnot, S.M. (2012) Threats to Faunal Diversity of the Aravalli Hills with Special Reference to Kumbhalgarh Wildlife Sanctuary. B.K. Sharma et al. (eds.), <b>Faunal Heritage of Rajasthan, India: Ecology and Conservation of Vertebrates. Springer Science, New York.</b> pp: 1- 21</p> <p>34. Rajpurohit, L.S.; <b>Chhangani, A.K.</b>, Mohnot S.M. and Sharma, B.K. (2013) Non-human Primates of Rajasthan. B.K. Sharma et al. (eds.), <b>Faunal Heritage of Rajasthan, India: Ecology and Conservation of Vertebrates. Springer Science, New York.</b> pp: 427-452.</p>
<p><b>B. National</b></p>	<ol style="list-style-type: none"> <li>1. <b>Chhangani, A.K.</b>; S.M. Mohnot and L.S. Rajpurohit (1997). A field experiment in wild on Hanuman langur, <i>Presbytis entellus</i> during solar eclipse. <i>Asian Journal of Experimental Sciences</i>, 11 (1 &amp; 2): 61-65.</li> <li>2. Purohit, A.K. and <b>Chhangani, A.K.</b> (1997). Neem (<i>Azadirachta indica</i>, A. juss) Bark: A Potent Anitandrogenic agent <i>Asian Journal of Experimental Sciences</i>, 11 (1 &amp; 2): 85-87.</li> <li>3. Rajpurohit, L.S. and <b>Chhangani, A.K.</b> (1998). Observation on resident male change and post-take over situation in a unimale bisexual group of Hanuman langur (<i>Presbytis entellus</i>) at Beriganga near Jodhpur (India). <i>Cheetal</i>, 37 (1-2): 13-17.</li> <li>4. <b>Chhangani, A.K.</b> and S.M. Mohnot. (1998). Hematological values of <i>Sarcoptic mange</i> infected Hanuman langurs and its comparison with the normal values. <i>Asian Journal of Experimental Sciences</i>, 12 (1 &amp; 2): 09-12.</li> <li>5. <b>Chhangani, A.K.</b> (1999). Hanuman langur: Badaltee Paristhetile Tantra Ka Kushal Zatu (in Hindi) <i>Paryavaran</i>, 11 (4): 47-49.</li> <li>6. <b>Chhangani, A.K.</b> (2001). The Hanuman langur. <i>Science Reporter</i>, 38: (8): 52-54.</li> <li>7. <b>Chhangani, A.K.</b> (2001). Introduction of Kumbhalgarh Wildlife Sanctuary in the Aravalli Hills of Rajasthan. <i>Cheetal</i>, 40 (3 &amp; 4): 19-27.</li> <li>8. <b>Chhangani, A.K.</b> (2001). Threats to Kumbhalgarh Wildlife Sanctuary in relation to flora and fauna. <i>Journal of Nature Conservation</i>, 13 (2): 177-185.</li> <li>9. <b>Chhangani, A.K.</b>; Mathur, B.R.J. and Mohnot, S.M. (2001). First record of mange (<i>Sarcoptic mange</i>) in free ranging Hanuman langur (<i>Semnopithecus entellus</i>) and its treatment around Jodhpur, (Rajasthan), India. <i>Intas Polivet</i>, 2 (2): 261-265.</li> <li>10. <b>Chhangani, A.K.</b>; Purohit, A.K. and Mohnot, S.M. (2002). Status survey and ecology of Nilgai, (<i>Boselaphus tragocamelus</i>) around Jodhpur, Rajasthan. <i>Cheetal</i>, 41 (2): 7-14.</li> <li>11. <b>Chhangani, A.K.</b> (2002). Avifauna in and around Jodhpur, Rajasthan, India. <i>Newsletter for birdwatchers</i>, 42 (2): 24-26.</li> <li>12. <b>Chhangani, A.K.</b> (2002). Avifauna of Kumbhalgarh Wildlife Sanctuary in the Aravalli Hills of Rajasthan, India. <i>Zoos Print Journal</i>, 17(5) 764-768.</li> <li>13. <b>Chhangani, A.K.</b>; Mohnot, S.M. and Purohit, A.K. (2002). Population status of vultures in</li> </ol>

and around Jodhpur with special reference to Long billed vulture (*Gyps indicus*). **Journal of Nature Conservation**, 14(i): 141-150.

14. **Chhangani, A.K.**; Mohnot, S.M. and Purohit, A.K. (2002). Breeding ecology of Egyptian vulture (*Neophron Percnoperus*) in and around Jodhpur (Rajasthan), India. **Flora and Fauna**, 8(1): 29-32.
15. **Chhangani, A.K.** (2002). Major threats to the floral diversity of Kumbhalgarh Wildlife Sanctuary in the Aravalli Hills of Rajasthan. **Flora and Fauna**, 8 (2): 104-106.
16. Purohit, A.K; Gaur, B.S; Senacha, K.R; Vantipalli, V. and **Chhangani, A.K.** (2002). Rare observation of puppies preying upon a Greater Mouse-tailed Bat, *Rhinopoma microphyllum kinneari* **Flora and Fauna**, 8 (2): 77-78.
17. **Chhangani, A.K.**; Pandey, R.P. and Mohnot, S.M. (2002). Consumption of different plant parts by wild Hanuman langur and their known medicinal practice by local people in the Aravallis of Rajasthan, India. **Journal of Economic and Taxonomic Botany**, 26(2): 419-439.
18. **Chhangani, A.K.** (2002). Prakarti Ka Sreshtha Safai Karme - Giddh (*in Hindi*). **Vigyan Prgati**, 51 (9) : 9-17.
19. **Chhangani, A.K.** (2002). Group composition and sex ration in Hanuman langurs (*Semnopithecus entellus*) in the Aravalli Hills of Rajasthan, India. **Zoos Print Journal**, 17(8): 848-852.
20. **Chhangani, A.K.**(2002). Vultures the most eco-friendly bird. **Science Reporter**,39(10):56-59.
21. **Chhangani, A.K.** (2002). Successful rescue and rearing of Indian Long-billed vulture (*Gyps benghalensis*) at Jodhpur Zoo, India. **Zoos Print**, 17(7): 20-22.
22. **Chhangani, A.K.** (2002). Recurrence of Wild Boar (*Sus scrofa*) around Jodhpur (Rajasthan, India) after 50 years. **Zoos Print Journal**, 17(9): 887.
23. **Chhangani, A.K.** (2002). Birds of different sub-habitats in and around Jodhpur, Rajasthan, India **Cheetal**, 41(3 & 4): 37-42.
24. Rajpurohit, L.S; **Chhangani, A.K**; Rajpurohit, Ram Singh; Bhaker, N.R. and Rajpurohit, D.S. (2002). Use of non-human primates in biomedical and behavioral researches **Cheetal**, 41(3 & 4): 62-68.
25. **Chhangani, A.K.** (2003). Predation on vultures, their eggs and chicks by different predators in and around Jodhpur, Rajasthan, India. **Newsletter for birdwatchers**, 43(3): 38-39.
26. **Chhangani, A.K.** (2003). Dog (*Canis Familiaris*) hunting the Indian porcupine (*Hystrix indica*) in wild at Jodhpur, Rajasthan. **J. Bombay Natural History Society**, 100 (2 & 3): 617.
27. **Chhangani, A.K.** (2003). Thar Marusthal-Giddho ki sankatgrast prajatiyon ka ashary sthal. (In Hindi). **Paryavaran**, 16(2): 44-47.
28. **Chhangani, A.K**; Mohnot, S.M. and Chadha, B. (2003). Treatment of Indian Long-billed vulture (*Gyps indicus*) at Jodhpur, Rajasthan. **Intas Polivet**, 4(1): 102-104.
29. **Chhangani, A.K.** (2004). Ecology and socio-behaviour of Blackbuck (*Antilopecer vicapra*) in Thar Desert. **Cheetal**, 42(3&4): 19-21.
30. **Chhangani, A.K.** (2004). Present status of wild taxa of Kumbhalgarh Wildlife Sanctuary in the Aravalli Hills and its conservation and management. **Protected Habitats and**

*Biodiversity*, Nature Conservators, Publications. 8: 161-180.

31. Vardhan, H; Rishbrough, R.R; Sangha, H.S. and **Chhangani, A.K.** (2004). Gyps vultures conservation strategies, 2004. *Tourism & Wildlife Society of India*. Pp. 1-34.
32. **Chhangani, A.K.** (2004). Water birds of Kumbhalgarh Wildlife Sanctuary, Rajasthan, India. *Newsletter for Birdwatchers*, 44(3): 41-42.
33. **Chhangani, A.K.** (2004). Death of a Blue Bull (*Boselaphus tragocamalus*) due to snakebite. *Journal Bombay Natural History Society*, 101(1): 150.
34. **Chhangani, A.K.**(2004). Mortality of wild animals in road accidents in Kumbhalgarh Wildlife Sanctuary, Rajasthan, India. *Journal Bombay Natural History Society*, 101(1): 151-154.
35. **Chhangani, A.K.** (2004). Flowering and fruiting phenology of plants of a dry-deciduous forest in the Aravalli Hills of Rajasthan, India. *Indian Forester*, 130(7): 771-784.
36. **Chhangani, A.K.** (2004). Geophagy by three species of crows near carcass dumping ground at Jodhpur, Rajasthan. *Newsletter for Ornithologists*, 1(5): 71-72.
37. **Chhangani, A.K.** (2004). Laughing Dove nest predated by blue rock Pigeon. *Newsletter for Birdwatchers*, 44(5): 78-79.
38. **Chhangani, A.K.** (2004). Leaf phenology of plants of a dry-deciduous forest in the Aravalli Hills of Rajasthan, India. *Indian Forester*, 130(10): 1095-1104.
39. **Chhangani, A.K.** (2004). First Record of Indian Grey Hornbill (*Ocyrceros birostris*) in Thar Desert, at Jodhpur (India). *Newsletter for Birdwatchers*, 44(6):
40. **Chhangani, A.K.** & S.M. Mohnot (2004). Is Diclofenac the only cause of vulture decline. *Current Science*, 87(11): 1496-1497.
41. **Chhangani, A.K.** (2004). Rufous Tree Pie, *dendrocitta vagabunda* feeding on dead rufous tree pie, *d. vagabunda* in the Aravallis, Rajasthan *Newsletter for Birdwatchers*, 44(5): 79.
42. Mohnot, S.M; **Chhangani, A.K.** and Rajpurohit, L.S. (2005). India a unique primate resource country: The need for primate research centers with a visionary approach. National Centre for primate breeding and research: Vision, challenges and opportunities C.P. Puri and N.K. Ganguly, (Edits'). pp. 13-28.
43. **Chhangani, A.K.** (2005). Jackal (*Canis aureus*) feeding on artificial food made by wheat grains in Thar Desert. *Zoos Print*, 20(4): 10.
44. **Chhangani, A.K.** (2005). House crow (*Carvus splendens*) feeding on gum of *Acacia nilotica* at Jodhpur, Rajasthan. *Newsletter for Birdwatchers*, 45(1): 14.
45. **Chhangani, A.K.** (2005). Unusual sighting of Saras crain (*Grus antigone*) in summer during drought around Jodhpur, Rajasthan. *Newsletter for Birdwatchers*, 45(1): 15.
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47. Robbins, P. and **Chhangani, A.K.** (2005). Protecting Wolves from Sheep? People and Wildlife in the Indian Aravalli. *Proceedings of Fifth International Conference on Rajasthan*, Institute of Rajasthan Studies, Jaipur, pp. 1-12.
48. **Chhangani, A.K.** (2005). Snake hunting fish at Kumbhalgarh Wildlife Sanctuary, Rajasthan. Newsletter of the South Asian Reptile Network, *REPTILERAP*, 7, pp. 03.

49. Rajpurohit, L.S; **Chhangani, A.K.** and S.M. Mohnot (2006). Crop damage by Blue bull (*Boselaphus tragocamelus*) and its management. *In Vertebrates Pest in Agriculture-An Indian Scenario* (ed. S. Sridhara) pp. 441-451.
50. **Chhangani, A.K.**; Rajpurohit, L.S. and Mohnot, S.M. (2006). Crop damage by Hanuman langur (*Semnopithecus entellus*) and its management. *In Vertebrates Pest in Agriculture-An Indian Scenario* (ed. S. Sridhara) pp. 477-495.
51. Rajpurohit, L.S; **Chhangani, A.K.** and Mohnot, S.M. (2006). Population dynamics of Hanuman langur, *Semnopithecus entellus* around Jodhpur (India) during 1995-2000. *Proceedings of the National Academy of Sciences, India*, 76(B), II, 2006, 141-147.
52. **Chhangani, A.K.**; Robbins, Paul and Mohnot, S.M. (2006). Kumbhalgarh Wildlife Sanctuary: A representative of Aravalli ecosystem. *Proc. of the National Conference on Conservation and Management of Faunal Diversity of Rajasthan*, Jaipur, pp. 21-24.
53. **Chhangani, A.K.** and Mohnot, S.M. (2006). Present status of the Vultures in the Great Indian Thar Desert. *Proceedings of the National Conference on Conservation and Management of Faunal Diversity of Rajasthan*, Jaipur, pp. 30-32.
54. Mohnot, S.M. and **Chhangani, A.K.** (2006). Thar's biodiversity and its village institutions. *Proceedings of the National Conference on Conservation and Management of Faunal Diversity of Rajasthan*, Jaipur, pp. 15-19.
55. Rajpurohit, L.S. and **Chhangani, A.K.** (2006). Observation on male change and infanticide in free-ranging unimale bisexual troop of Hanuman langur (*Semnopithecus entellus*) around Jodhpur (India). *Him. J. Env. Zool.*, 20(1): 17-25.
56. **Chhangani, A.K.**: (2007). Flights of infancy: Vulture Conservation Hamstrung by Lack of Expertise, *Down to Earth*, 16(15): 53.
57. Rajpurohit, L.S; **Chhangani, A.K.**; Rajpurohit, R.S; Bhaker, N.R; Rajpurohit, D.S. and Sharma, G. (2007). Eco-ethology and conservation of Hanuman langur, *Semnopithecus entellus*. *Journal of Current Science*, 9(2): 827-830.
58. **Chhangani, A.K.** (2007). Sightings and nesting sites of Red-headed Vulture, *Sarcogyps calvus* in Rajasthan, India, *Indian Birds*, 3(6): 218-211.
59. **Chhangani, A.K.** (2008). Biodiversity of Ranthambhore Tiger Reserve, Rajasthan (V. Singh and A.K. Srivastava, Scientific Publishers (India). Jodhpur 2007, pp. 415). Book Review. *Current Sciences*, 94(10): 1320.
60. **Chhangani, A.K.** (2008). and Paul Robbins. Population and feeding ecology of Blue bull, *Boselaphus tragocamelus* in and around Kumbhalgarh Wildlife Sanctuary (KWS), Rajasthan, India. *Annals of Forestry*, 16(1): 152-164.
61. Robbins, P. and **Chhangani, A.K.** (2009). Protecting Wolves from Sheep. People and Wildlife in the Rajasthan Aravalli. In Varsha Joshi and Surjit Singh ed. Book '*Culture Policy and Economy*'. Rawat Publishing, 211-224.
62. **Chhangani, A.K.** (2009). Status of Vulture Population in Rajasthan, India. *Indian Forester* 135(2): 239-251.
63. **Chhangani, A.K.**, (2010). Food & Feeding of Vultures in Rajasthan, India *Indian Forester*



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64. **Chhangani, A.K.**, Paul Roobins & S.M. Mohnot. (2010). Major Threats to the faunal diversity of Kumbhalgarh Wildlife Sanctuary in the Aravalli Hills of Rajasthan. *Indian Forester* 136: 1410-1421.
65. **Chhangani, A.K.**; (2010). La Niña Induced Drought and Vulture Population Dynamics in Western Rajasthan. *Proceedings of National Seminar* (ed. by Ramakrishna et al.) DRC, ZSI, Jodhpur pp: 62-72.
66. **Chhangani, A.K.** and Mohan D. (2010). Role of Common Property Resources in the Conservation of Floral and Faunal Diversity in the Thar Desert. *Proceedings of National Seminar* (ed. by Ramakrishna et al.) DRC, ZSI, Jodhpur pp: 229-244.
67. **Chhangani, A.K.** (2012) Wildlife Week Celebration at Maharaja Ganga Singh University, Bikaner, Rajasthan. ZOO's PRINT, Volume XXVII, pp. 29-30.
68. **Chhangani, A.K.** (2012) Antecedents of Locomotor Disorders in Wild Animals and its Impact - An Insight. *Intas Polivet* Vol. 13 (II): 170-179.
69. **Chhangani, A.K.** (2014) Wildlife Week Celebration at Maharaja Ganga Singh University, Bikaner, Rajasthan. *ZOO's PRINT*, Volume XXIX, (No.1) pp. 35.
70. **Chhangani, A.K.** (2014) Dermatological disorders in free ranging primates *Intas Polivet* , Vol. 14 (II): pp. 314-316.
71. **Chhangani, A.K.** (2014) Challenges in Vulture Conservation and Management. Serajuddin, M. ; Tripathi, M.; Kanaujia, A.; Arshad, M. (eds.) **Biodiversity and Environment Department of Zoology, University of Lucknow**. Pp. 212-216.

#### Visits Abroad:

1. Seminar on "Present status of vultures in India" on May 06, 2007 at Condor Breeding Centre, **Ventura, California, USA**.
2. Seminar on "Present status of vultures in India" on May 02, 2007 at National Zoological Park, Smithsonian Institution, **Washington, D.C., USA**.
3. Seminar on "Vulture conservation efforts in India" on 1<sup>st</sup> May 2007 at Patuxent Wildlife Research Centre, **Virginia, Washington, D.C., USA**.
4. Seminar on "Vulture conservation efforts in India" on 30<sup>th</sup> April 2007 at U.S. Fish & Wildlife Service, Division of International Conservation, Virginia, **Washington, D.C., USA**.
5. Participated in American Association of Geographers (AAG) Annual Meeting, April 16<sup>th</sup> to 22<sup>nd</sup> 2007 at **San Francisco, USA**.
6. Participated as an expert at the IUCN/SSC Global Mammal Assessment-IUCN/SSC Primate Specialist Group (PSG), Asian Primate Red List Workshop, September 8-12, 2006, **Phnom Penh, Cambodia**.
7. Asian Science Seminar on Biodiversity: Messages from Primatology. 26 July to 6 August 1999. Workshop on population genetics at Primate Research Institute, Kyoto University, **Inuyama, Japan**.
8. International Conservation Biology and Wildlife Management Training Course conducted, September 16 - October 21, 1998 by the Smithsonian Institution, Washington, D.C. at **Shanghai, China**.

Research Supervised - Ph.D./M.Phil. (Name of student and title): NIL

Other activities:

**Seminars and  
Conferences  
(organized/attended)**

**International:**

1. Asian Science Seminar on Biodiversity: Messages from Primatology. 26 July to 6 August 1999. Workshop on population genetics at Primate Research Institute, **Kyoto University, Inuyama, Japan.**
2. International Primate Core Group Meeting, Jodhpur, 1996. Department of Zoology, JNV University, Jodhpur.
3. International Primate Core Group Meeting, Jodhpur, October 8-9, 1997. Department of Zoology, JNV University, Jodhpur.
4. International Primate Core Group Meeting. Department of Zoology, JNV University, Jodhpur, October 21–23, 1999.
5. "Workshop for Indian Primates" September 12th - 14th 2005, organized by Indo-US Science & Technology Forum, New Delhi at Jodhpur.
6. Fifth International Conference on Rajasthan, December 29-31, 2005, Institute of Rajasthan Studies, Jaipur.
7. International conference on the vulture conservation, 31 January and 1 February, 2006 Ministry of Environment and forest, New Delhi.
8. IUCN/SSC Global Mammal Assessment-IUCN/SSC Primate Specialist Group (PSG), Asian Primate Red List Workshop, September 8-12, 2006, **Phnom Penh, Cambodia.**
9. 4th CMS Vatavaran Environment & Wildlife Film Festival, 12-16th September 2007 CMS, New Delhi.
10. Annual Meeting of Association of American Geographers, 17-21 April, 2007 organized by **American Association of Geographers, San Francisco, USA.**
11. Indo-US Bilateral Workshop on 'Geospatial Technology, Wildlife Conservation, and Community' at Jodhpur, Rajasthan, India from December 12th - 15th 2008 supported by Indo-US Science & Technology Forum, New Delhi at Jodhpur.
12. International Conference on Advances in Ecological Research" 19-21 December, 2011 Maharaja Ganga Singh University, Bikaner.
13. Climate change: Impact and Response Invitation for 7th Indo-Japan Symposium-2 ; 20 Sept., 2012 Biyani Girls College, Jaipur.
14. National Workshop on "Zoos as a tool for scientific management of endengerd animals with special focus on research and publication, 25-28 June, 2013. Central Zoo Authority and Jaipur Zoo. Jaipur.
15. International Conference on "Faunal Biodiversity and their Conservational Strategies" on 22-23 March, 2014 organised by Department of Zoology, University of Lucknow, Lucknow (UP).

**National:**

1. 84<sup>th</sup> Indian Science Congress, Delhi University, Delhi. January 1997. Indian Science Congress, India.
2. National Symposium on Public Participation in Environmental Protection. 22-23 December 1997. Department of Zoology, JNV University, Jodhpur.
3. 85<sup>th</sup> Indian Science Congress, Hyderabad, January 1998. Indian Science Congress, India.
4. 87<sup>th</sup> Indian Science Congress January, 2000, Pune, Indian Science Congress, India.
5. 89<sup>th</sup> Session of Indian Science Congress, Lucknow (January, 2002), Indian Science Congress, India.
6. 73<sup>rd</sup> Annual Session of the National Academy of Science, India on October 2003 at Ahmadabad. Indian Science Congress, India.
7. 90<sup>th</sup> Indian Science Congress 2003, Bangalore, Indian Science Congress, India.
8. 91<sup>st</sup> Indian Science Congress at Chandigarh in January 2004. Indian Science Congress, India.
9. Seminar on Rehabilitation of Mined Lands, Protection of Environment and Helping livelihood, 18-19 June 2004, Department of Zoology, JNV University, Jodhpur.
10. 92<sup>nd</sup> Session of the Indian Science Congress, Ahmadabad. January 2005. Indian Science Congress, India
11. "Drought and scarcity of water" 2 August, 2005 SDS and Save the Children UK, Jodhpur.
12. 93<sup>rd</sup> Indian Science Congress to be held at Hyderabad in January 2006. Indian Science Congress, India.
13. National Conference on Conservation and Management of Faunal Diversity of Rajasthan, August 11-13, 2006, Jaipur, Rajasthan, Department of Zoology, R.L.S. Government P.G. College, Jaipur.
14. One-Day National Seminar on "Recent Advances in Animal Disease Diagnosis" 18th February 2006. State Veterinary & Animal Husbandry Department o, Government of Rajasthan, Jodhpur.
15. National Workshop on 'Forestry for Food Security in Dry Zone' October 5-6, 2006, Arid Forest Research Institute, Jodhpur.
16. 94<sup>th</sup> Session of the Indian Science Congress, Annamalinagar, 2007 Indian Science Congress, India.
- 17<sup>th</sup> थार में पर्यावरण संरक्षण की परम्परागत व्यवस्थाएँ पर्यावरण संरक्षण – भारतीय परिपेक्ष में 4 जून 2008 , बुधवार मारवाड़ इंजिनियरिंग कॉलेज एंव रिसर्च सेन्टर, जोधपुर
18. 96<sup>th</sup> Indian Science Congress, Part II, January 3-7, 2009, Shillong, Meghalaya Indian Science Congress, India.
19. Environmental Awareness Generation Programme for the community-2010 CECOEDCON Jaipur.
20. "Consultation on State Biodiversity Board, Rajasthan" 21 August 2010 Swaraj,

	<p>Cecoedecon, Jaipur.</p> <p>21. Wildlife conservation in the Aravalli hills One day seminar on wildlife 10<sup>th</sup> July, 2010 WWF- India, Udaipur.</p> <p>22. National Seminar on "Desert: its Biodiversity and Conservation" on 9th February, 2010 at Department of Zoology, JNV University, Jodhpur.</p> <p>23. La Niña Induced Drought and Vulture Population Dynamics in Western Rajasthan. pp: 73-74. "Impact of Climate Change on Biodiversity and Challenges in Thar Desert" on 9th July, 2010 DRC, ZSI, Jodhpur.</p> <p>24. Rescue and Care of Vultures: A Successful Conservation and Management Model. National Conference on Animal Science Innovation Prospective, 29<sup>th</sup> January, 2011 Department of Zoology, JNV University, Jodhpur.</p> <p>25. Use of geospatial sciences in biodiversity conservation and management. "National Seminar on various dimensions' in zoological sciences, February 8, 2011. Department of Zoology and Environmental Science, Lachoo Memorial College, Jodhpur</p> <p>26. Identification and Mapping of Vultures population and Breeding Sites in Rajasthan. DST-SERC Interaction Meeting in Bird Biology 5-7 August 2011, DST and SACON Coimbatore, Tamil Nadu.</p> <p>27. La Niña Induced Drought and Vulture Population Dynamics in Western Rajasthan. "National Seminar on biodiversity and intangible Natural heritage" on 28<sup>th</sup> Sept. 2011 DRC, ZSI, Jodhpur.</p> <p>28. Workshop on Vulture Studies and Rescue on the International Vulture Awareness Day on 1<sup>st</sup> September, 2012 at DST, Kota Department of Wildlife Science, University of Kota, Kota.</p> <p>29. "Workshop and training for wildlife studies" (1-7, October, 2012 Wildlife Week) at Department of Environmental Science, Maharaja Ganga Singh University, Bikaner.</p> <p>30. National Workshop on "Zoos as a tool for scientific management of endangered animals with special focus on research and publication, 25-28 June, 2013. Central Zoo Authority and Jaipur Zoo. Jaipur.</p>
<p><b>Membership</b></p>	<ul style="list-style-type: none"> <li>● <b>Honorary Member IUCN (International Union for Conservation of Nature) SSC Conservation Mammals &amp; Birds Breeding Specialist Group (Since, 2005).</b></li> </ul> <p><b>Membership:</b></p> <ol style="list-style-type: none"> <li>1. Advisory Committee of Jodhpur Zoo, Jodhpur.</li> <li>2. American Association of Geographers, USA.</li> <li>3. Birdwatchers Society of Andhra Pradesh.</li> <li>4. Bombay Natural History Society, India.</li> <li>5. Ethological Society of India, Bangalore.</li> </ol>

	<ol style="list-style-type: none"> <li>6. Flora &amp; Fauna International, Jhansi.</li> <li>7. Indian Academy of Applied Psychology, Chennai.</li> <li>8. Indian Academy of Sciences, Bangalore.</li> <li>9. Indian Science Congress Association, India.</li> <li>10. International Primatological society, USA</li> <li>11. International Primatological Society, USA.</li> <li>12. National Academy of Sciences India, Allahabad.</li> <li>13. Nature Conservators, India, Muzafarnagar.</li> <li>14. Wildlife Preservation Society of India, Dehra Dun.</li> <li>15. World Wildlife Fund, (WWF) India.</li> <li>16. Zoo Outreach Organization, Coimbatore.</li> </ol>
<p><b>Awards and Honours</b></p>	<ol style="list-style-type: none"> <li>1. <b>"Chaturwadi Award"</b> by Indian forester, Indian council of forestry research and education, Dehra Dun. 12-12-2012.</li> <li>2. <b>Felicitated</b> by the organizers of the 7<sup>th</sup> Indo-Japan International Symposium, 20<sup>th</sup> September, 2012. Jaipur.</li> <li>3. <b>Felicitated</b> by Honorable Vice Chancellor, University of Kota on the International vulture Awareness Day 1<sup>st</sup> September, 2012.</li> <li>4. <b>Felicitated</b> by Honorable Vice Chancellor, Maharaja Ganga Singh University, Bikaner on the Republic Day 26 January, 2012 for the Services provided during the Honorable President of India and Chancellor of the Maharaja Ganga Singh University visit on the first convocation 18<sup>th</sup> November, 2011.</li> <li>5. <b>Best Paper presentation Award</b> on National Seminar on "Desert: its Biodiversity and Conservation" on 9<sup>th</sup> February, 2010 at Department of Zoology, JNV University, Jodhpur.</li> <li>6. <b>Best Poster presentation Award</b> in the "National Seminar on Impact of Climate Change on Biodiversity and Challenges in Thar Desert" to be held at Desert Regional station, Zoological Survey of India, Jodhpur on 9<sup>th</sup> July, 2010</li> <li>7. <b>Felicitated</b> by Jodhpur National University, Jodhpur at the Seminar on "Quality education in the New Emerging Globalize scenario " 9<sup>th</sup> May, 2010.</li> <li>8. <b>2<sup>nd</sup> Prize</b> in the National seminar on "Desert: It's Biodiversity and Conservation" on 9<sup>th</sup> February, 2010 at Department of Zoology, Jodhpur</li> <li>9. <b>Felicitated</b> on 14<sup>th</sup> December, 2008 by Honorable Vice Chancellor, J.N.V. University, Jodhpur during Indo-US Bilateral Workshop, for Best Collaborative Field Researches.</li> <li>10. <b>3<sup>rd</sup> Prize:</b> Animal Conservation Poster Award, By the Editors of Animal Conservation and the Zoological Society of London, Poster Competition at the Society for Conservation Biology Annual Meeting in Chattanooga, Tennessee, in July 2008.</li> <li>11. <b>Felicitated</b> by Patuxent Wildlife Research Centre, Virginia, Washington, D.C., USA</li> </ol>

	<p>on 1<sup>st</sup> May 2007.</p> <ol style="list-style-type: none"> <li>12. <b>State Award</b> for Conservation, Education &amp; Awareness of Forest &amp; Wildlife by State Forest &amp; Environment Department, Govt. of Rajasthan, 26<sup>th</sup> March 2007.</li> <li>13. <b>Marwar Ratna Award</b> on Jodhpur Foundation Day, 12 May 2006 on the Jodhpur Foundation Day.</li> <li>14. Selected as <b>IUCN Member</b> of The World Conservation Union and Conservation International (IUCN), Birds &amp; Mammals Species Survival Commission, Breeding Specialist Group <b>2005</b>.</li> <li>15. <b>Conservation Award</b> for the year 2003 by Ashoka Trust for Research in Ecology &amp; the Environment (<i>ATREE</i>), Bangalore.</li> <li>16. Selected by International Bio Geographical Research Foundation, India as <b>Eminent Personalities of India: 2003</b>.</li> <li>17. Felicitated on the <b>World Veterinary Day</b> in 2001 by the State Veterinary Department for the veterinary care of Wildlife.</li> <li>18. <b>1<sup>st</sup> Prize</b>: Jodhpur Foundation Day, 12 May 1999 for Nature Photography.</li> <li>19. <b>Merit Award</b> in all India Solon Photography 1998.</li> <li>20. <b>State Award</b> on the Golden Jubilee Year of Independence Day for Wildlife Protection and Langur Studies: 15<sup>th</sup> August, 1998.</li> <li>21. <b>International Travel Award</b> for the year 1998 by Conservation International, U.S.A. for attending Wildlife Management and Conservation Training Programme.</li> </ol>
<p><b>Others</b>  <b>(Wildlife Films Made and Advised)</b></p>	<ol style="list-style-type: none"> <li>1. "Land of the Tiger" The Natural History World. <i>BBC. London</i>. Scientific Advisors: Dr. S.M. Mohnot &amp; <b>Anil Kumar Chhangani</b> (1996).</li> <li>2. Tribal's camels of Aravalli: Living on the edge: <i>Star TV</i> Scientific Advisors: Dr. S.M. Mohnot &amp; <b>Anil Kumar Chhangani</b> (1997).</li> <li>3. Wild Things: Langurs. WT Productions Inc. <i>Hollywood, CA, USA</i>. Scientific Advisors: Dr. S.M. Mohnot and <b>Anil Kumar Chhangani</b> (1998).</li> <li>4. World Gone Wild: Weight Watched for Monkeys. China Train Productions Inc. Los Angeles, CA, USA. Dr. S.M. Mohnot &amp; <b>Anil Kumar Chhangani</b> (1998).</li> <li>5. The Natural World: Langurs. <i>BBC. London</i>, Producer: Phil Chapman Scientific Advisors: Dr. S.M. Mohnot, Dr. Lal Singh Rajpurohit, Dr. Arun Srivastava and <b>Anil Kumar Chhangani</b> (1999).</li> <li>6. The Arid Heart: Langurs Confronting Urban Life. Natural History, <i>New Zealand Television</i>. Scientific Advisors: Dr. S.M. Mohnot and <b>Anil Kumar Chhangani</b> (1999).</li> <li>7. We have Right to Survive. Education Media Research <i>Centre (EMRC)</i>, Jodhpur. Subject Experts: Dr. S.M. Mohnot and <b>Anil Kumar Chhangani</b> (1999).</li> <li>8. Langurs Treated. Education Media Research Centre (EMRC), Jodhpur. Subject Experts: Dr. S.M. Mohnot and <b>Dr. Anil Kumar Chhangani</b> (2000).</li> </ol>

9. "Langurs Treated" was also produced by the Education Medical Research *Centre (EMRC)* Jodhpur. Dr. S.M. Mohnot and Dr. **Anil Kumar Chhangani** (2001).
10. "We have right to survive". It was produced by the Education Medical Research *Centre (EMRC)* Jodhpur. Dr. S.M. Mohnot and **Dr. Anil Kumar Chhangani** (2001).
11. "Holy Animals of Rajasthan" for *German TV* (Bavarian TV) Producer: Phalix. Scientific Advisors: Dr. S.M. Mohnot and **Dr. Anil Kumar Chhangani** (2002).
12. "Safari India Series "Born Wild Langurs of Jodhpur" By NDTV India Subject Experts: Dr. S.M. Mohnot and **Dr. Anil Kumar Chhangani** (2005)
13. "Safari India Series "Born Wild Chinkara of the Thar Desert" By NDTV India Subject Experts: Dr. S.M. Mohnot and **Dr. Anil Kumar Chhangani** (2005)
14. "Daily Planet: Goes to India" Discovery Channel. Subject Experts: Dr. S.M. Mohnot and **Dr. Anil Kumar Chhangani** (2007).
15. "Vultures of Thar Desert" Education Media Research Centre (EMRC), Jodhpur. Subject Experts: **Dr. Anil Kumar Chhangani** (2007).
16. "Vulture Dynamics: A New Insight" Made by **Dr. Anil Kumar Chhangani** (2007).
17. "Monkey Thieves", *Animal Planet*, U.K. Subject Experts: **Dr. A. K. Chhangani** (2008).
18. "Caught in the Moment", *Tigress Production, London*. Subject Experts: **Dr. Anil Kumar Chhangani** (2009).
19. "Television Series Earthflight", *John Downer Production Ltd., Bristol*. Scientific Advisor: **Dr. Anil Kumar Chhangani** (2010).
20. Animal behavior series 'SURVIVAL' *BBC, London*. Scientific Advisor: **Dr. Anil Kumar Chhangani** (2012).
21. WILDERNESS DAYS a weekly series on DD National.
22. Scientific Advisor: **Dr. Anil Kumar Chhangani** (2013).