

CURRICULUM-VITAE



Full Name of Applicant : **Dr G. S. SOLANKI**
(block letters)

Designation : Professor in zoology
Complete postal address Dean, School of Life science
Mizoram University, Tanhril Campus,
(Accredited by Grade-A by NAAC, 2014)
Aizawl – 796 009, Mizoram
Ph. No. 0389 2330724 (o), 9436374596 (M)
E-mail: gssolanki02@yahoo.co.in

Field of specialization : Wildlife Ecology, Conservation Biology, & Resource Management

Date of birth : 22nd February, 1955

Nationality : Indian

Educational / Professional qualifications

Examination	Year	Subjects taken	Name of the Univ./Board
High School	1971	Hindi, English Maths., Science, Biology	U.P. Board, Allahabad
Intermediate	1974	Hindi, English Biology, Physics, Chemistry	U.P. Board, Allahabad
B.Sc.	1976	Chemistry, Botany, Zoology	Agra University Agra
M.Sc.	1979	Zoology (Entomology)	Agra University Agra
Ph.D.	1987	Zoology (Ecology & Wildlife)	Saurashtra University, Rajkot
Core Course	1988	Remote Sensing & Photogrammetry	Indian Institute of Remote sensing, Dehra Dun
Appraisal Course	1997	Remote Sensing	National Remote Sensing Agency, Hyderabad

Title of thesis: Studies on desertification: Ecology of goat populations of arid to marginal semi-arid regions of western India.

Post doctoral research: 1.Ecology of wildlife in Gir wildlife sanctuary
2. Evaluation of tree plantation for control of salinity and water table.

Field of specialization : Environmental biology; Animal behaviour, Ecology of Wildlife & Conservation, Natural Resource Management, Forestry, & Biodiversity conservation.

Prescribe the specific experience gained during employment :

<i>Sl. No</i>	<i>Name of post</i>	<i>Employer</i>	<i>Period of employment</i>	
			<i>From</i>	<i>To</i>
1	Research Associate	Saurashtra, University, Rajkot	1987	1991
2.	Research Associate	Centr. Inst. For Research on Goats, Makhdoom, Farah (Mathura)	1991	1996
3	Lecturer	North Eastern Regional Institute of Science & technology (NERIST), Itanagar	1996	2000
4	Sr. Lecturer	NERIST, Itanagar, Arunachal Pradesh	2000	-2005
5	Reader	Mizoram University, Aizawl, Mizoram	2005-	2008
6	Associate professor	Mizoram University, Aizawl, Mizoram	2008-	2011
7	Professor	Mizoram University, Aizawl, Mizoram	2011-	Conti...

1. Teaching Experience : 21 years

2. Total research experience: 30 yrs

Research supervision:

UG & PG level : 20 years

Number of students guided at UG and PG level projects :27

Number of students supervised for Ph.D. degree : 06

Number of student registered for Ph.D. degree ; 05

International Research Collaboration: Tribhuvan University, Kathmandu,Nepal

Refresher course organized in Life science as co-coordinator: 2

National level seminar organized: 2

Details of Published Work :

No. of Books/ field guide published: 3

Number of research paper published in national & international journals: 100

Citations index of publication

Total citation: 147

h index : 7

i 10 index : 5

Number of seminar/symposia/conferences attended: 31

Research Projects handled: 4

1. Habitat evaluation and ecological study on same wildlife species in Pakhui wildlife sanctuary, Arunachal Pradesh.

Funded by: Ministry of Environment, Forests & wildlife, GOI

Cost of the project : Rs 6,69,070.00

PI of the project

2. Diversity of use pattern of faunal resources in Arunachal Pradesh.

Funded by G.B.Pant Institute of Himalayan Environment & Development

Cost of the Project : Rs 3,99,420.00

PI of the Project

3. Modernization of remote sensing laboratory for remote sensing application in forestry.

Funded by Ministry of Human Resource Development, GOI, New delhi

Cost of project : 16 lakhs

PI of the project

4. Providing durability of ACCRA-WALLING system and its performance evaluation of NDT Methods.

Funded by Ministry of Human Resource Development, GOI, New delhi

Cost of project : 14 lakhs

Co-PI of the project

RESEARCH PROJECTS IN HAND: 2

“Ecological studies on primates and evaluation of their habitat”. Funded by Department of Science and Technology, Government of India. Cost of the project: Rs 18,08,000.00

PI of the project

“Diversity, distribution and habitat selection by pheasants in Mizoram, India” Funded by Department of Science and Technology, Government of India.

Cost of the project: Rs 18,60,000.00

Co-PI of the project

PROFESSIONAL MEMBERSHIP, MEMBER OF ACADEMIC SOCIETIES AND OTHER DISTINCTIONS

FELLOWSHIPS: Research Fellowship: 1980-86 (UGC & state Govt.)

Research Associate ship: 1987-91 (UGC), 1991-1996 (ICAR)

VISITING FELLOWSHIP : SERC visiting Fellowship,1999 (sponsored by DST, Govt. of India)

FELLOW OF PRESTIGIOUS ACADEMIC SOCIETIES:

Fellow, Academy of Zoology (FAZ)

Fellow, Zoological Society of India (FZSI)

Fellow, Nature Conservators (India) (FNC))

Fellow,National Institute of Ecology (FNIE)

Fellow, Action for Sustainable Efficacious Development & Awareness (FASEA).

MEMBER, PROFESSIONAL /ACADEMIC SOCIETIES IN INDIA:

Indian Science Congress, Calcutta

Academy of Zoology, Agra

The Arid Zone Research Association of India, Jodhpur

National Institute of Ecology, New Delhi

Bombay Natural History Society, Mumbai

Zoo Outreach organization, Coimbatore, Tamil Nadu.

Zoological society of India, Bodh-Gaya,Bihar.

Nature Conservators (India), Muzaffarnagar, U.P.

MEMBER OF INTERNATIONAL SOCIETY:

International Primatological Society, USA

South East Asia Primate Association, Indonesia

IUCN/ Species Survival Commission, Switzerland

IPS- Community Assistance task force committee, USA

AWARD OF DISTINCTION:

"Promising Zoologist Gold Medal" awarded by ZSI, 2000

“Prof. D. K. Belsare Gold Medal” award by ZSI, 2006

“Prof. E.P.Odum Gold Medal” awarded by Int. Society for Ecological Communications, Poland, 2009

MEMBER OF INTERNAL COMMITTEES OF THE UNIVERSITY

Member steering committee: Department of Biotechnology, Mizoram University.

Member, Board of Studies: Department of Geology, Mizoram university.

Member, Board of Studies: Department of Biotechnology, Mizoram university.

Member, School of Life Science: Mizoram University.

Member, School of Earth Science: Mizoram University.

Member, Academic Council, Mizoram University,
Member, University Court, Mizoram university

Member, Editorial Board: (i) National J. Life science, Satna, M.P.
(ii) Flora & Fauna, Jhansi.
(iii) Biojournal, Bihar

It is certified that the particulars given above are true to the best of my knowledge and belief.



Signature of candidate

LIST OF PUBLICATIONS

Books : 3

1. **Status of south Asian primates: one of the Authors of CAMP Workshop.** Published by Zoo Outreach organization, Coimbatore and Conservation breeding specialist Group, South Asia. **2003.**
2. **Guide to South Asian Primates for teachers and students of all ages.** Compiled & Edited by S. Sally and S. Molur. Published by Zoo outreach and South Asian Primate Specialist Group, Coimbatore, Tamil Nadu, India. 2007.
3. **Environment, Biodiversity and Traditional system.** Editors: **D.R.Khanna, G.S.Solanki, S.K.Pathak.** Published by Biotech Books, New Delhi. 2014.

Ph.D. Thesis

1. Solanki,G.S. (1987) : Studies on Desertification : Ecology of goat populations of arid to marginal semi-arid regions of Western India. Submitted to Saurashtra University, Rajkot, Gujarat, India

Ph.D.Thesis guided: 6

1. Studies on ecological and behavioural aspects of capped langur, *Trachypithecus pileatus* (Blyth,1843) in Pakhui wildlife sanctuary, Arunachal Pradesh. (2005)
2. Ethnozoological studies on Nyshi, Apatani, and Monpa tribes of Arunachal Pradesh. (2006)
3. Socio-ecology and breeding behaviour of stump-tailed macaque (*Macaca arctoides*) in Mizoram. (2013).
4. Wildlife and their habitat in low lying areas of Chitwan National Park's buffer zone in Nepal: Two decades of community conservation approach. (2013).
5. Studies on changes in butterfly fauna in different altitudinal levels in central Nepal. (2013)
6. Biodiversity of lizards (Reptile:Sauria) with reference to altitudinal gradients in Mizoram. (2015)

PG/UG Dissertations guided: 21

1. Ecological studies on elephants in Pakhui Wildlife sanctuary, Arunachal Pradesh. Submitted for Part fulfilment of Bachelor Degree in Forestry, 1999
2. Studies on feeding ecology of mithun (*Bos frontalis*) in Nagaland. Submitted for Part fulfilment of Bachelor Degree in Forestry , 2000
3. Studies of spiders in and around NERIST campus, Arunachal Pradesh. Submitted for Part fulfilment of Bachelor Degree in Forestry,2001.

4. Ethno zoological studies of Nishi tribe in Arunachal Pradesh. Submitted for Part fulfillment of Bachelor Degree in Forestry,2001.
5. The Application of Remote sensing in Forestry-Forest Mapping of the Doimara Reserve Forest. Submitted for Part fulfilment of Bachelor Degree in Forestry,2002.
6. Morphometric study of Asia Elephants. Submitted for Part fulfilment of Bachelor Degree in Forestry, 2003.
7. Ethnology and Management Practices of Mithun (*Bos frontalis*) by Adi tribe of Arunachal Pradesh. Submitted for Part fulfillment of Bachelor Degree in Forestry, 2004.
8. Studies on impact of disturbances on the secondary productivity of forest ecosystem with special reference to surface, subsurface, litter insects and other non-insect groups. Submitted to fulfilment of M.Sc. degree in Forest Ecology, Biodiversity & Environmental science. 2006
9. Water quality analysis of spring water/stream water in eastern Aizawl city. Submitted to fulfilment of M.Sc. degree in Forest Ecology, Biodiversity & Environmental science. 2006
10. Study of Down syndrome in Aizawl population. Submitted for fulfilment of M.Sc. degree in Zoology, 2012.
12. Diversity of birds in natural and monoculture forest in Sialsuk, Mizoram. Submitted for fulfilment of M.Sc. degree in Zoology, 2012.
13. Diversity of herpato fauna in Mizoram University campus. Submitted for fulfilment of M.Sc. degree in Zoology, 2012.
14. Ethnozoology and use animal resources for therapeutic activities and it impact on biodiversity. Submitted for fulfilment of M.Sc. degree in Zoology, 2013.
15. Ethnozoology and use animal resources for commercial activites and it impact on biodiversity. Submitted for fulfilment of M.Sc. degree in Zoology, 2013.
16. Social behaviour in different species of primates. Submitted for fulfilment of M.Sc. degree in Zoology, 2013.
17. Time budget activities of three species of macaques: Pig-tailed macaques, Assamese macaque, and Rhesus macaque. Submitted for fulfilment of M.Sc. degree in Zoology, 2013.
18. Comparative study on vocal communication in three species of captive macaques: Pigtailed macaques, Assamese macaques and Rhesus macaques. Submitted by Rinkey Gurung for fulfilment of M.Sc. degree in Zoology, 2014.

19. A study on gestural communication in captive macaques: Pigtailed macaques, Assamese macaques and Rhesus macaques. Submitted by Vansawmkimi for fulfilment of M.Sc. degree in Zoology, 2014.
20. Time budget and activities pattern of *Trachypithecus phatrei* and *Trachypithecus pileatus*. Submitted by H.lalringheta for fulfilment of M.Sc. degree in Zoology, 2014.
21. Evaluation of habitat for Phayre's leaf monkey and Capped langur in reference to their feeding habits and sleeping site selection in Dampa tiger reserve. Submitted by HT. Decemson for fulfilment of M.Sc. degree in Zoology, 2014.
22. Food preference by adult males of stump-tailed macaque (*Macaca arctoides*) in captivity and their nutritional contents. Submitted by Lalruatdiki for fulfilment of M.Sc. degree in Zoology, 2015.
23. Food preference by adult females (dry females) of stump-tailed macaque (*Macaca arctoides*) in captivity and their nutritional contents. Submitted by Zirsangzeli for fulfilment of M.Sc. degree in Zoology, 2015.
24. Food preference by lactating females of stump-tailed macaque (*Macaca arctoides*) in captivity and their nutritional contents. Submitted by Phoebe Lalremruati for fulfilment of M.Sc.degree in Zoology, 2015.
25. Studies on daily activities and the growth pattern in *Manorua emyes* (Schlegel and Muller, 1844). Submitted by Maria L.N.Thuami for fulfilment of M.Sc. degree in Zoology, 2015.
26. Studies on breeding behaviour in captive Burmese brown tortoise (*Manorua emyes*). Submitted by Maria L.N.Thuami for fulfilment of M.Sc. degree in Zoology, 2015.
27. Food and feeding behaviour of Assamese macaque (*Macaca assamensis*) in Dampa tiger Reserve. Submitted by K.lawmthangpuia for fulfilment of M.Sc. degree in Zoology, 2015.

Participated in preparation of technical reports (Unpublished).

1. MAN AND BIOSPHERE (MAB) project on grazing land of western India. Submitted to Department of Environment, Govt. Of India.
2. Environmental biology based programme on DESERTIFICATION. Submitted to University Grants Commission, New Delhi.
3. Ecology of Wildlife in Gir Wildlife Sanctuary. Submitted to University Grants Commission, New Delhi.
4. Evaluation of tree plantation for control of salinity and water table. Submitted to National Wasteland Development Board, New Delhi.

Project Reports as Principal Investigator

1. Habitat Evaluation and Ecological studies on some wildlife species in Pakhui wildlife sanctuary, Arunachal Pradesh. Ist Annual & Review Report 2000-2001. Submitted to Ministry of Environment & Forest, Govt. of India, New Delhi. Pp 25.
2. Habitat Evaluation and Ecological studies on some wildlife species in Pakhui wildlife sanctuary, Arunachal Pradesh. 2nd Annual & Review Report 2001-2002. Submitted to the Ministry of Environment & Forest, Govt. of India. Pp 35.
3. Habitat Evaluation and Ecological studies on some wildlife species in Pakhui wildlife sanctuary, Arunachal Pradesh. 3rd Annual & Review Report 2002-2003. Submitted to the Ministry of Environment & Forest, Govt. of India.
4. Habitat Evaluation and Ecological studies on some wildlife species in Pakhui wildlife sanctuary, Arunachal Pradesh. 4th Annual & Review Report 2003-2004. Submitted to the Ministry of Environment & Forest, Govt. of India.
5. Diversity of use pattern of faunal resources in tribal communities in Arunachal Pradesh. 1st Annual Report 2002-2003. Submitted to G.B. Pant Institute of Himalayan Environment and Development, Almora. Pp.24
6. Diversity of use pattern of faunal resources in tribal communities in Arunachal Pradesh. 2nd Annual Report 2003-2004. Submitted to G.B. Pant Institute of Himalayan Environment and Development, Almora. Pp.34
7. Diversity of use pattern of faunal resources in tribal communities in Arunachal Pradesh. 3rd Annual Report 2004-2005. Submitted to G.B. Pant Institute of Himalayan Environment and Development, Almora. Pp.25

Final Technical Reports (as PI) :

1. Habitat evaluation and ecological studies on some wildlife species in Pakhui Wildlife sanctuary, Arunachal Pradesh, India. Submitted to Ministry of Environment & Forest, Government of India, New Delhi. 2005
2. Diversity of use pattern of faunal resources in tribal communities in Arunachal Pradesh. Submitted to G.B.Pant Institute of Himalayan Environment & Development, Almora. 2006.

RESEARCH PUBLICATIONS IN NATIONAL AND INTERNATIONAL JOURNALS :

1. SOLANKI, G.S. (1989): Physiological responses of goat under short term exposure of low ambient temperature. *Indian Natl. Sci. Acad.* B:55 (575): 361-364.
2. SOLANKI, G.S. (1990): Nomadism and migration of pastoralists and their livestock in Western India. *Annals Arid Zone.* 29 (3):203-210.
3. SOLANKI, G.S. (1990): Carrying capacity of marginal semi-arid grazing land at Rajkot. *Annals Arid Zone.* 29 (4) : 339-341.
4. SOLANKI, G.S. (1990): Nitrogen utilisation in goats using Sorghum silage as stall feed. *Range Mgmt. & Agroforestry.* 11(1) : 53-55.
5. PANDEYA, S.C. & G.S. SOLANKI (1991) : Population of goats related to climate in western India : An ecological assessment. *Int. J. Biometeorology.* 35: 225-233.
6. SOLANKI, G.S. (1992): Stall feeding Vs range feeding of goats. *Indian J. Anim. Sci.* 62 (11) : 27-33.
7. SOLANKI, G.S. & G. GOPAKUMAR (1992) : Impact of anthropogenic pressure on Motisari Nature Educational Reserve. *Range Mgmt. & Agroforestry.* 13 (1) : 27-33.
8. RAO, S.B.N., G.S. SOLANKI & R.B. SHARMA. (1993) : Bakari Poshan Ke Viyavaharic Muddhe. Written for extension officers during training on scientific aspect of Goat rearing. Organised by Central Institute of Research on Goats, Makhdoom.
9. SOLANKI, G.S. (1994) : Feeding habits and grazing behaviour in goats in marginal semi-arid region of Gujarat. *Small Ruminant Research.* 14 : 39-43.
10. SOLANKI, G.S. (1994) : Time budget and grazing behaviour in goats in semi -arid region of Gujarat. *Indian J. Anim. Sci.* 64 (11) : 1299-1302.
11. SOLANKI, G.S., J.L. OGRA, & C.P.S. CHAUHAN. (1994) : Fodder grown in saline water and its effect on feeding the goats. In : Panjab Singh, P.S. Pathak, M.M. Roy (Editors) - *Agroforestry Systems for Degraded Lands. Vol. II.* Oxford and IBH publishing Co. Pvt. Ltd. PP. 727-677.

12. SOLANKI,G.S. (1995) : Organic matter decomposition and loss of nutrients in grassland ecosystem. *Range land & Agroforestry*. 16 (2) : 59-65.
13. SOLANKI,G.S.,S.B.N.RAO,J.L.OGRA & C.P.S.CHAUHAN. (1995) : Chemical composition and nutritive value of Oat (*Avena sativa*) fodder grown under saline water. VII Animal Nutrition Research Worker's conference.7-9 December, Bombay.
14. MARY.P.P.,G.S.SOLANKI,N.K.SINGSON,&BIKASH CHAUDHARY. (1997): Observations on sociological and Eco behavioural aspects of Hoolock gibbon (*Hylobates hoolock*) in Namdapha National Park, Arunachal Pradesh. *Cheetal*. 53 : 3-4, : 40-44.
15. SOLANKI, G.S..NAWAB SINGH,& S.B.N.RAO. (1998) : Use of saline water in agro forestry systems and evaluation of the fodder. *International J. Ecology & Environment*. 24(1);59-63..
16. SOLANKI, G.S., & R.M.NAIK. (1998) : Grazing interactions between wild and domestic herbivores. *Small Ruminant Research* 27: 231-235.
17. SOLANKI, G.S.(1998):Non-timber forest product : Edible and non-edible products from animal resources. In : Proceeding of Conference on Perspectives for planning and development in North-East India, at Nirjuli, Itanagar. Pp. 15.
18. SOLANKI,G.S. & P.P.MARY. (1998) : Breeding records of barn owl (*Tyto alba*) in NERIST in Arunachal Pradesh. *Arunchal Forest News*. 16 : 1-2,46
19. MARY.P.P.,G.S.SOLANKI,D.LIMBOO, & K.UPADHAYA . (1998) : Observations on feeding and territorial behaviour of Indian rhino (*Rhinoceros unicornis*) in Kaziranga National Park, Assam, India. *Tigerpaper*. 25(4):25-28.
20. SOLANKI ,G.S.(1998) . Nutritive assessment of macrophytes in wetlands around Agra, U.P. 6th World Wilderness Congress, Bangalore ,held on 24-29Oct.,1998.
21. Singh, B., G.S.Solanki, K.K.Sood & P.Rethy (1999) : Agro-horticultural practices and suitable management of degraded lands in North east India. Proceedings of Seminar on Natural Disaster management, at Nirjuli, Itanagar. Pp.73-77
22. SOLANKI,G.S, C.P.S. CHAUHAN AND R.B.SINGH.(1999): Performance of *Acacia nilotica* in different agroforestry systems grown in saline water. *Indian J. Forestry* 22(4):295-298
23. SOLANKI, G.S. (2000) : Grazing behaviour and foraging strategy of goats in semi-arid region in India. *Tropical Ecology* 21(2):1-5.

24. SOLANKI,G.S. & R.M.NAIK. (2000) : Pastoral systems of Saurashtra region in Gujarat state. Proceedings : International conference on managing natural resource for sustainable agricultural production in 21st century, at New Delhi . pp. 1070-1072
25. SOLANKI,G.S. (2000) . Saline water and agroforestry in ravine land . In: Proceeding of National Seminar on Resource Management for self reliant Agricultural Economy in NE Region, at Guwahati. Pp.13-19.
26. SOLANKI,G.S. (2001) : Haematological profile of fresh water turtle, *Kachuga tecta*. *Zoo's Print Journal* 16(4):470.
27. SOLANKI,G.S. (2001): Aquatic ecosystem and its potential – A case study. In: A. Kumar (ds). Ecology of Polluted Water. Ashish Publishing House .New Delhi
28. SOLANKI,G.S. (2001): Diversity - Faunal and Socio-cultural, and prospects of conservation of faunal resources in Arunachal Pradesh. *Himalayan J. Environment & Zoology*. 16(2): 159-170
29. SOLANKI G.S. 2002. Morphometric Relationship of freshwater turtle, *Kachuga tecta* (Gray,1831). In : *Ecology & Ethology of Aquatic Biota*, A. Kumar (Ed) : Daya Publishing House, New Delhi. Pp 182-185
30. SOLANKI,G.S. (2002): Aquatic ecosystem & ecology of fresh water turtle with special reference to *Kachuga tecta* (Gray 1831). In : A. Kumar (Ed) : Ecology & Ethology of Aquatic Biota. Daya Publishing House, New Delhi. Pp 373-379
31. SOLANKI,G.S. & UMA MELKANIA (2002) : Namdapha Tiger Reserve – Planning for sustainable management as Biosphere Reserve. *Tigerpaper* 29(1): 21-26.
32. SOLANKI,G.S. , K. KITSHE & AWADESH KUMAR (2002) : Foraging behaviour of mithun (*Bos frontalis*) and its conservation. *Arunvet* 1(2) : 25-30.
33. SOLANKI, G.S. 2002. Eastern Himalayas : Status of Protected areas in the region with special reference to Arunachal Pradesh. (Abstract in proceedings of the National Seminar on Relevance of Biosphere Reserve, National Parks & Sanctuaries (Protected Habitat) in present context. Organized by Department of Zoology and Environmental Science, Gurukul Kangari Vishwavidyalaya, Haridwar –25-26, May
34. SOLANKI, G.S. & PRITAM BHATTACHARJEE (2002): Feeding ecology of elephant in Pakhui Wildlife Sanctuary in India. *Bulletin of the National Institute of Ecology*. 12 :1-5.
35. SOLANKI,G.S. & K. Kitshe(2002) : Foraging behaviour – An approach for conservation for the mithun (*Bos frontalis*) . In : BN Pandey, RK Choudhary,&BK Singh(Eds). Biodiversity Conservation, Environmental pollution and Ecology. A P H Publishing Corporation, New Delhi.
36. SOLANKI,G.S., A.KUMAR & PAVITRA CHUTIA (2002): Impact of ethnic diversity on primates and their conservation in Arunachal Pradesh. (Abstract) Proceedings of National

Conference on Zoology vision fore 21st Centaury. Organised at Zoology Department , Banglore University, Banglore.

37. SOLANKI G.S. 2002. Morphomertic Relationship of freshwater turtle, *Kachuga tecta* (Gray,1831). *Indian J. Environ. & Ecoplan.* 6(3): 615-618.

38. SOLANKI,G.S.(2003) : Time budget and activity pattern and food preference in Indian gazelle (*Gazella gazella benetti*) in arid region in Rajasthan, India. *Indian J. Forestry* 26(1): 30-34.

39. AWADHESH KUMAR & G.S.SOLANKI (2003): Food preference of rhesus monkey *Macaca mulatta* during pre monsoon and monsoon season, Pakhui wildlife sanctuary, Arunachal Pradesh. *Zoo's Print Journal* 18(8):1172-1174.

40. SOLANKI,G.S. (2004) : Protected habitats in Arunachal Pradesh. In: A. Kumar, Dhanze, J. R., Chopra, A. K. & Malik, D.S (Ed) Protected Habitats and Biodiversity. .Nature Conservators Publication No.8, Muzaffernagar (U.P.). Pp 409-417.

41. SOLANKI,G.S.& PAVITRA CHUTIA (2004): Ethno zoological and socio cultural aspects of Monpas of Arunachal Pradesh. *J. Human Ecology* 15(4): 251-254

42. .AWADHESH KUMAR & G.S.SOLANKI (2004) : A rare feeding observation on water lily (*Nymphaea alba*) by capped langur. *Folia Primatologica* 75(3): 157-159

43. KUMAR, A. & G.S.S.OLANKI (2004): Ethno sociological Impact on Capped langur (*Trachypithecus pileatus*), and suggestion for conservation: A study of reserve forest in Assam, India. *J. Nature Conservation* 16 (1): 107-113.

44. SOLANKI,G.S. BENGIA CHONGPI,& AWADHESH KUMAR (2004) : Ethnology of the Nishi tribes and wildlife of Arunachal Pradesh. *Arunachal Forest News* (wildlife special) 20:74-86.

45. SOLANKI, G. S., AWADHESH KUMAR & B. K. SHARMA (2004) Reproductive behaviour of Capped langur (*Trachypithecus pileatus*) in Arunachal Pradesh. (Abstract) In : (Eds) C. Giacoma, D. Formenti and M. Gamba : XX congress of the International Primatological Society(IPS), Italy. *Folia Primatologica* 75(Sp. 1): 335.

46. SOLANKI,G.S., PAVITRA CHUTIA & O.P.SINGH (2004): Headgear - A cultural artifact and its impact on biodiversity in Arunachal Pradesh. *Rajiv Gandhi University Research Journal.* 7(1) 35-44.

47. G.S. Solanki, P.Chutia & O.P. Singh, (2005). Ethnozoology of Nyishi tribe and its impacts on Biodiversity. *Rajiv Gandhi University Res. J.* 8 (1): 89-100

48. KUMAR, A. G.S.S.OLANKI & B.K.SHARMA (2005): Observations on parturition and allomothering in wild capped langur (*Trachypithecus pileatus*). *Primates* 46(3):215-217

49. P. CHUTIA & G.S. SOLANKI (2005). Ethos & culture of Nyishi tribe and use pattern of Common Indian monitor (*Varanus bengalensis*,) in Arunachal Pradesh, India. *Indian J. Forestry* 28(4): 421-424.
50. P. CHUTIA, G.S. SOLANKI & O. P. SINGH (2005). Therapeutic use of animal resources by tribal people of Arunachal Pradesh, India . In proceedings: National conference on Arunachal Pradesh: Tradition in Transition linking ecology, economics and ethics. Organized during September 13-16 at NERIST, Nirjuli , Arunachal Pradesh.
51. SOLANKI, G. S. and AWADHESH KUMAR (2005). Ethno-Zoology of certain primates in and around Pakhui wild life sanctuary. In proceedings: National conference on Arunachal Pradesh: Tradition in Transition linking ecology, economics and ethics. Organized during September 13-16 at NERIST, Nirjuli , Arunachal Pradesh.
52. SOLANKI, G. S. and AWADHESH KUMAR (2005). Livestock depredation by large carnivores and impact on conservation of Tiger in Pakke Reserve, Arunachal Pradesh, India. In proceedings: National conference on Arunachal Pradesh: Tradition in Transition linking ecology, economics and ethics. Organized during September 13-16 at NERIST, Nirjuli , Arunachal Pradesh.
53. SOLANKI, G. S. AND PAVITRA CHUTIA (2005): Traditional knowledge, use value of faunal resources and biodiversity in Arunachal Pradesh. In proceedings : Biodiversity Conservation in Asia: Current status and future Perspectives. Organized by The society for Conservation Biology, Katmandu, Nepal, 17-20 November.
54. SOLANKI, G. S., AWADHESH KUMAR & B. K. SHARMA (2006) : Social Interactions : conflicts and cooperation in the population of capped langurs (*Trachypithecus pileatus*). (Abstract) Proceedings of the XXI Congress of the International Primatological Society (IPS), June 25-30 at Entebbe, Uganda.
55. SOLANKI, G. S., AWADHESH KUMAR & B. K. SHARMA (2007) : Reproductive strategy of capped langurs (*Trachypithecus pileatus*) in Arunachal Pradesh. *International J. Primatology* 28 (5): 1075–1083
56. SOLANKI, G. S., & AWADHESH KUMAR (2007) : Study on aggressive behaviour in wild population of capped langur (*Trachypithecus pileatus*) in India. *Proc. J. Zool. Soc. India.* 6 (1): 15-30.
57. Awadhesh Kumar and G.S.Solanki (2008): Population status of capped langur (*Trachypithecus pileatus*) in and around Pakhui Wildlife sanctuary. *Primate Conservation.* 23:97-105
58. SOLANKI, G. S., AWADHESH KUMAR & B. K. SHARMA (2008): Feeding ecology of the capped langur (*Trachypithecus pileatus*) in India. *International J. Primatology* 29(1):173-182.

59. SOLANKI, G. S., and PAVITRA CHUTIA (2008). Entomotherapy in tribal communities in Arunachal Pradesh. *National journal of Life science*, 5(2): 27-32.
60. SOLANKI, G. S., AWADHESH KUMAR & B. K. SHARMA (2008) : Winter Food and diet composition of Capped langur (*Trachypithecus pileatus*) in Arunachal Pradesh. *Tropical Ecology* 49(2):155-167.
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94. C.LALRINCHHANA AND G.S.SOLANKI (2015): Lizard (Reptilia: Sauria) diversity of Dampa Tiger Reserve, Mizoram, India. *Science Vision*, 15(1):19-28.
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PARTICIPATED IN NATIONAL SEMINARS / SYMPOSIA/ CONFERENCES

1. National symposium on dynamics of energy flow in biological systems, Rajkot,1981.
2. 3rd All India Botanical conference, Rajkot,1982.
3. All India seminar on advances in Botanical Research in India during last ten years (1976-1986) Bikaner,1987.
4. National Range land Conference, Jhansi, 1987.
5. National Symposium on environment & sustainable development, Gwalior, 1989.
6. VII Animal Nutrition Research worker's conference, Bombay, 1995.
7. Ist India Ecology congress, New Delhi, 1996
8. Workshop on Remote Sensing and use of GIS in special reference to Arunachal Pradesh, Itanagar, 1997.
9. Perspectives for planning and development in North East India, Nirjuli, Arunachal Pradesh, 1998.
10. Seminar on Natural Disaster Management, held at NERIST Campus, Nirjuli. 1999
11. National Seminar on Resource Management for self reliant in agricultural economy of North East region, Guwahati. 2000.
12. National Seminar on Environment and Population Explosion, organized by Zoological Society of India ,from Nov.17-19, 2000 at B. N. Madal University Madhepura, Bihar.
13. National symposium on Status of India's faunistic diversity & Environment, Organized at Gurukul Kangari Vishwavidyalay, Hardwar from 29-31December, 2001.
14. Seminar on Conservation of indigenous livestock, mithun & yak in Arunachal Pradesh, organized by Veterinary association of Arunachal Pradesh from 18-19 January, 2002.
15. National Seminar on Relevance of Biosphere reserve, National parks & Sanctuary (protected habitats) in present context, organized by Gurukul Kangari Vishwavidyalay, Hardwar from 22-23 May, 2002
16. Conservation Assessment & Management Plan (CAMP) workshop on South Asian Primate, at Forest Service College, Coimbatore from 5-9 March,2002.

17. ISTE sponsored workshop on Power Electronic Applications from 8 July to 18 July, 2002, at NERIST.
18. Workshop on “Bird Census and IBA program” at SRI, Chimpu, Itanagar, organized by Bombay Natural History Society on September 2-3, 2002.
19. National Conference on Zoology, held at Kanya Kumari from December 21-23, 2003.
20. Workshop on “Access Rights and Benefit Sharing from Biological Resources” at Mizoram University from 23-24 May, 2006.
21. 17th All India Zoology Congress, held at Baramati (Pune) from 15-17th October, 2006
- 22.
23. ICMR workshop on Research Project and paper writings. Held at NEIGRIMHS, Shillong during 4-5 April, 2008.
24. National conferences on “Recent Concepts of Diversity and Technology” held at SRK College of Commerce and Science, Satna, M.P. during 24-25 January, 2009.
25. National symposium on Biodiversity status and Conservation strategies with special reference to North East India. Organized by CAS in Life science, Manipur University, Imphal, during 17-18, March, 2011
26. National Seminar on Emerging Trends in Biosciences and Future Prospects. November 29-30, 2011 at the Seminar Hall, Pachhunga University College, Mizoram.
27. National Seminar on “Recent Trends in Life sciences” 23-24 March, 2015. Organized by Centre for Advance study in School of Life science, Manipur University, Imphal. Manipur.
28. National conference on Environmental impact on health and its management: Eco-Friendly strategies. Organized by Department of Zoology, University of Rajasthan, Jaipur, 8-10 February, 2016.

Participated in International Conferences/workshops:

1. Asian Crane Congress, Rajkot, 1989.
2. 5th International conferences on goat, New Delhi, 1992.
3. International conference on development of wasteland through agroforestry in Asia

and Pacific. New Delhi, 1994

- 4 6th World Wilderness Congress, Bangalore, 1998.
5. International conference on Managing Natural Resources for Sustainable Agricultural Production in 21st Century, at ICAR, New Delhi. 2000.
6. International Symposium on Recent trends in Plant Ecology and Biodiversity Research, held at Department of Botany, North Eastern Hill University, Shillong from May 20-22, 2004
7. XX Congress of International Primatological Society, held during 22-28 August, 2004, at Torino, Italy.
8. Workshop on “Population and Habitat Viability Assessment (PHVA) for Western Hoolock gibbon” held during 14-18 February, 2005 at Bangladesh Institute of Administration and Management, Dhaka, Bangladesh.
9. Workshop on “Teachers for Tigers”, held during 20-22 February, 2005, at Asiatic Society of Bangladesh, Dhaka, Bangladesh.
10. International Conference on “ Biodiversity Conservation in Asia: Current Status and Future Perspectives” organized by The Society for Conservation Biology, Asia Section Regional Conference at Katmandu, Nepal, 17-20 November, 2005.
11. International conference on “ Recent Trends in Life science researches vis-a vis Natural resources management, sustainable development and Human Welfare” at Vinoba Bhave University, Hazaribagh, during 27-29 June, 2009.
12. 3rd Asian Lepidoptera Conservation Symposium and Training Programme, at Coimbatore during 25-29 October, 2010