

## Personal Profile

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**Prof. Gibji Nimasow**  
**Professor, Department of Geography**  
**Rajiv Gandhi University, Rono Hills, Doimukh**  
**Arunachal Pradesh-791112**

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## Educational Profile

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Ph.D.	Rajiv Gandhi University, Itanagar, Arunachal Pradesh; 2008 Supervisor: Prof. Ramesh Chandra Joshi
M.Phil.	Arunachal University, Itanagar, Arunachal Pradesh; 2002 Supervisor: Dr. Sarit Kumar Chaudhari
M.A./M.Sc.	Arunachal University, Itanagar, Arunachal Pradesh; 2001 Subject: Geography Specialization: Human Geography
B.A.	Arunachal University, Itanagar, Arunachal Pradesh; 1999 Subject: Geography

## Professional Experience

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<b>Professor</b> , Department of Geography, Rajiv Gandhi University, Arunachal Pradesh, India	September, 2020 - till date
<b>Associate Professor</b> , Department of Geography, Rajiv Gandhi University, Arunachal Pradesh, India	September, 2017 - September, 2020
<b>Assistant Professor</b> , Department of Geography, Rajiv Gandhi University, Arunachal Pradesh, India	September, 2005 – September, 2017

## Administrative Experience

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<b>Member, Internal Quality Assurance Cell,</b> Rajiv Gandhi University	February, 2019 – till date
<b>Member, Market Advisory Committee,</b> Rajiv Gandhi University	April, 2019 – till date
<b>Member, Site selection Advisory Committee,</b> Rajiv Gandhi University	April, 2019 – till date

## Awards & Honours

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1. *Esomus nimasowii*, a new fish species name given in honour of contributions to Ichthyogeographical studies by combined research team from India and Italy in 2021.
2. Winner of case studies on Mountain Biodiversity Initiatives by Centre for Integrated Mountain Development, Nepal, (2011)
3. Qualified UGC-NET in, 2004
4. Qualified SLET in 2002.

## Membership of Professional Bodies

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1. Founder member of Geographical Society of Arunachal Pradesh, Itanagar
2. Member of Indian Science News Association, Kolkata (Lifetime)
3. Member of Indian Geological Congress, Roorkee (Lifetime)
4. Member of Hill Geographer, Shillong (Lifetime)
5. Member of National Geographical Society of India, BHU, Varanasi (Lifetime)
6. Indian Society of Remote Sensing, Dehradun (Lifetime)
7. Member of National Association of Geographers, India (Lifetime)

## Research Interests

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- Biogeography
- Mountain Ecology
- Human Geography
- Forest Resources
- Ichthyogeography
- Indigenous Knowledge System
- Remote Sensing & GIS

## Research Publications

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1. Assessing the tropical forest cover change in northern parts of Sonitpur and Udalguri district of Assam, India: Mahato, R.; **Nimasow, G.**; Bushi, D.; Nimasow, O. D.; *Scientific Reports*, **2021**, *11(1)*, 11170 <https://doi.org/10.1038/s41598-021-90595-8>
2. Exploring traditional food preferences over age and gender among the Monpa tribes of West Kameng district, Arunachal Pradesh (India): Bapu, T. D.; Mahato, R.; **Nimasow, G.**; Gautam, B. J.; Sharma, S.; Nimasow, O. D.; *Science and Culture*, **2021**, *87(5-6)*, 227-231.
3. Assessment of algae present in the gut of *Tariqilabeo latius* (Hamilton, 1822) from Arunachal Pradesh, India: Jongkey, K.; Bushi, D.; Abujam, S.; Nimasow, O. D.; **Nimasow, G.**; Das, D. N.; *International Journal of Ecology and Environmental Sciences*, **2021**, *47(1)*, 43-47.

4. Spatial variation of the soil and water qualities in the mountain lakes at different altitude of Arunachal Pradesh, India: Abujam, S.; Bushi, D.; Jongkey, K.; Nimasow, O. D.; **Nimasow, G.**; Das, D. N.; *Ecology, Environment and Conservation*, **2021**, *27*(Feb. Suppl. Issue): S219-S225.
5. An assessment of the population status of the threatened medicinal plant *Illicium griffithii* Hook.f. & Thomson in West Kameng district of Arunachal Pradesh, India: Bapu, T. D.; **Nimasow, G.**; *Journal of Threatened Taxa*, **2021**, *13*(1), 17504-17512.
6. GIS- and AHP-based land suitability analysis of *Malus domestica* Borkh. (apple) in West Kameng district of Arunachal Pradesh, India: Chozom, K.; **Nimasow, G.**; *Applied Geomatics*, **2021**, *13*, 349-360.
7. AHP and GIS based risk zonation of COVID-19 in North-East India: Mahato, R.; Bushi, D.; **Nimasow, G.**; *Current World Environment*, **2020**, *15*(3), 640-652.
8. Road kill of domestic animals along the national highway no. 52 (Banderdewa to Balipara), Assam (India): **Nimasow, G.**; Nimasow, O. D.; Bapu, T. D.; Bushi, D.; *Shodh Sanchar Bulletin*, **2020**, *10*(38), 360-364.
9. Potential risk zonation of COVID-19 in Assam using analytic hierarchy process and geographical information system: Mahato, R.; Bushi, D.; **Nimasow, G.**; Nimasow, O. D.; *Journal of the Social Sciences*, **2020**, *48*(4), 2072-2090.
10. Role of indigenous belief systems in conservation of animals among the Monpa and Shertukpen tribes of Arunachal Pradesh (India): Bapu, T. D.; **Nimasow, G.**; Nimasow, O. D.; *Shodh Sanchar Bulletin*, **2020**, *10*(38), 155-162.
11. Analytic hierarchy process based potential risk zonation of COVID-19 in India: Mahato, R.; Nimasow, G.; Nimasow, O. D.; Bushi, D.; *Journal of the Social Sciences*, **2020**, *48*(3), 4223-4238.
12. Tapping of resin from *Pinus roxburghii* Sargent in West Kameng district of Arunachal Pradesh (India): Handique, A.; **Nimasow, G.**; Nimasow, O. D.; *Journal of Bioresources*, **2020**, *7*(1), 11-21.
13. Population status and conservation efforts of *Bos frontalis* (Mithun) in Adi tribe inhabited areas of Arunachal Pradesh, India: Apum, N.; **Nimasow, G.**; Nimasow, O. D.; Bapu, T. D.; Bushi, D.; *National Geographical Journal of India*, **2020**, *66*(1), 59-68.
14. Impact of population growth on forest cover in Tawang District of Arunachal Pradesh, India: Tsering, G.; **Nimasow G.**; Singh, N. C.; *International Journal of Current Science*, **2019**, *22*(10), E: 1-10.
15. Species distribution modeling of tea (*Camellia sinensis*) in Lohit district of Arunachal Pradesh, India: Potom, R.; **Nimasow G.**; *International Journal of Ecology and Environmental Sciences*, **2019**, *45*(4), 333-344.
16. Pasture and grazing fee management system of the transhumant Brokpa communities of Arunachal Pradesh (India): Norbu, L.; Riba, T.; **Nimasow, G.**; *Rajiv Gandhi University Research Journal*, **2018**, *17*(1), 27-38.
17. Land cover change assessment of Pakke Tiger Reserve (PTR), East Kameng district of Arunachal Pradesh: Bapu, T. D.; **Nimasow, G.**; *Journal of Remote Sensing & GIS*, **2018**, *9*(1), 26-33.

18. Remote sensing and GIS based suitability modeling of medicinal plant (*Taxus baccata* Linn.) in Tawang district, Arunachal Pradesh, India: **Nimasow, G.**; Nimasow, O. D.; Rawat, J. S.; Tsering, G.; Litin, T.; *Current Science*, **2016**, *110(2)*, 219-227.
19. Status and constraints of tea cultivation in Lohit district of Arunachal Pradesh, India: Potom, R.; **Nimasow G.**; *International Journal of Current Science*, **2016**, *19(1)*, E: 146-155.
20. Socio-economic importance of Mithun (*Bos frontalis*) among the Adi tribes of Arunachal Pradesh, India: Apum, N.; **Nimasow, G.**; *Science and Culture*, **2015**, *81(7-8)*, 200-205.
21. Status of tea plantation in North-East India: A Review: Potom, R.; **Nimasow G.**; *Rajiv Gandhi University Research Journal*, **2015**, *14(1-2)*, 13-29.
22. Chuskor: an indigenous watermill for sustainable resource utilization by the Monpa tribes of Arunachal Pradesh: Tsering, G.; **Nimasow, G.**; Nimasow, O. D.; *Current Science*, **2015**, *109(2)*, 247-250.
23. Conservation efforts of an important medicinal plant (*Taxus baccata* Linn.) in West Kameng district of Arunachal Pradesh (India): **Nimasow, G.**; Nimasow, O. D.; Rawat, J. S.; Norbu, L.; *Earth Sciences*, **2015**, *4(3-1)*, 1-10.
24. Vanishing *Taxus baccata* L. due to unsustainable exploitation and climate change in West Kameng and Tawang districts of Arunachal Pradesh: **Nimasow, G.**; Nimasow, O. D.; Tsering, G.; *Earth Sciences*, **2015**, *4(3-1)*, 11-18.
25. Remote Sensing and GIS based suitability modeling of *Rubia cordifolia* L. in West Kameng district of Arunachal Pradesh (India): **Nimasow, G.**; Rawat, J. S.; Nimasow, O. D.; Tsering, G.; *International Journal of Advanced Remote Sensing and GIS*, **2015**, *4(1)*, 863-872.
26. Sustainable development of horticulture in West Kameng district of Arunachal Pradesh (India): A debate on food security and climate change: **Nimasow, G.**; Chozom, K.; Nimasow, O. D.; Tsering, P.; *Herald Journal of Geography and Regional Planning*, **2014**, *3(4)*, 131-139.
27. Status report of *Taxus baccata* Linn. In Jang-Thingbu areas of Tawang district, Arunachal Pradesh: **Nimasow, G.**; Litin, T.; Nimasow, O. D.; *Rajiv Gandhi University Research Journal*, **2013**, *12(1-2)*, 126-131.
28. Phytogeographical observations from Adi tribes inhabited areas of Lower Dibang Valley district, Arunachal Pradesh (India): Ngupok, R.; **Nimasow, G.**; *Science and Culture*, **2013**, *79(9-10)*, 396-402.
29. Environmental impact of Siyom hydro power project of Payum circle, West Siang district, Arunachal Pradesh: **Nimasow, G.**; Potom, R.; Yaying, T.; *International Journal of Current Science*, **2013**, *6(E)*, 117-124.
30. Ethnomedicinal knowledge among the Adi tribes of Lower Dibang Valley district of Arunachal Pradesh, India: **Nimasow, G.**; Ngupok, R.; Nimasow, O. D.; *International Research Journal of Pharmacy*, **2012**, *3(6)*, 223-229.
31. Floriculture prospects in Arunachal Pradesh with special reference to orchids: Dai, O.; **Nimasow, G.**; Bamin, S.; Chozom, K.; *Journal of Biodiversity and Environmental Sciences*, **2012**, *2(3)*, 18-32.

32. Sustainable management of *Pinus wallichiana* and *Phyllostachys bambusoides* by the Apatani tribes of Arunachal Pradesh (India): **Nimasow, G.**; Rawat, J. S.; Dai, O.; Loder, T.; *Rajiv Gandhi University Research Journal*, **2011**, 10(1-2), 61-70.
33. Effect of arbuscular mycorrhizal (AM) inoculation on growth of chili plant in organic manure amended soil: Dai, O.; Singh, R. K.; **Nimasow, G.**; *African Journal of Microbiology Research*, **2011**, 5(28), 5004-5012.
34. Remote sensing and GIS based biophysical inventory of West Kameng district of Arunachal Pradesh: **Nimachow, G.**; Rawat, J. S.; Dai, O.; *National Geographical Journal of India*, **2011**, 57(4), 83-90.
35. Vanishing anti-cancer yews: A study in West Kameng district of Arunachal Pradesh, India: **Nimachow, G.**; Rawat, J. S.; Aka; Monpa community; *Spanish Journal of Rural Development*, **2011**, 2, 43-50.
36. Ethno-medicines of Aka tribe, West Kameng district, Arunachal Pradesh (India): **Nimachow, G.**; Rawat, J. S.; Arunachalam, A.; Dai, O.; *Science and Culture*, **2011**, 77(3-4), 149-155.
37. Role of indigenous knowledge system in conservation of forest resources: A case study of the Aka tribes of Arunachal Pradesh (India): **Nimachow, G.**; Joshi, R. C.; Dai, O.; *Indian Journal of Traditional Knowledge*, **2011**, 10(2), 276-280.
38. Cancer of illegal trade threatens the anti-cancer yews: Rawat, J. S.; **Nimachow, G.**; Dai, O.; Norbu, L.; Loder, T.; *Science and Culture*, **2011**, 77(1-2), 46-51.
39. Terrain characterization for land suitability analysis of the Igo river basin, Eastern Himalaya, Arunachal Pradesh, India: Rawat, J. S.; Joshi, R. C.; **Nimachow, G.**; *Asian Journal of Geoinformatics*, **2010**, 10(4), 11-21.
40. Energy efficient *chulha* in rural Arunachal Pradesh: Rawat, J. S.; Sharma, D.; **Nimachow, G.**; Dai, O.; *Current Science*, **2010**, 98(12), 1554-1555.
41. A sustainable mountain paddy-fish farming of the Apatani tribes of Arunachal Pradesh, India: **Nimachow, G.**; Rawat, J. S.; Dai, O.; Loder, T.; *Aquaculture Asia Magazine*, **2010**, 15(2), 25-28.
42. Status report on *Phoenix rupicola* T. Anderson (Arecaceae) – an endemic and threatened wild palm in Pakhui Wildlife Sanctuary, East Kameng (Eastern Himalayas), India: Tag, H.; Mingki, T.; Dai, O.; Kalita, P.; **Nimachow, G.**; Das, A. K.; *Pleione*, **2010**, 4(1), 76-81.
43. Prospects of bamboo shoot processing in north-east India: **Nimachow, G.**; Rawat, J. S.; Dai, O.; *Current Science*, **2010**, 98(3), 288-289.
44. Status of Himalayan yews in West Kameng district of Arunachal Pradesh: **Nimachow, G.**; Rawat, J. S.; Dai, O.; *Current Science*, **2010**, 98(11), 1434-1437.
45. Linkages between bio-resources and human livelihood: A case study of Adi tribes of Mirem village, Arunachal Pradesh (India): **Nimachow, G.**; Taga, T.; Tag, H.; Dai, O.; *The Initiation*, **2008**, 1, 183-198.
46. Linkages between bio-resources and human livelihood: (A study on the Akas of Arunachal Pradesh): **Nimachow, G.**; Yadava, R. S.; *The Deccan Geographer*, **2006**, 44(2), 55-66.

## Patent

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### Book/Book Chapter published

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1. Bapu, T. D. & **Nimasow, G.:** Medicinal plants as a source of rural livelihood in Arunachal Pradesh, in *Hill economics and sustainable development in India: emerging realities*, Eds. Nayak, S. K.; Nochi, L. & Lama, M., Concept Publishing Company Pvt. Ltd., New Delhi, 2019, pp 127-136.
2. Bapu, T. D. & **Nimasow, G.:** Extraction of important medicinal plants and the need for conservation strategies in Eastern Himalayan region, in *Development of nations: an interplay of economic, politics & society*, Eds. Kaur, K. & Khan, S. A., Madaan Publishing House, Patiala, 2017, pp 179-181.
3. **Nimasow, G.:** Hrusso-Aka, in *The Languages of Arunachal Pradesh*, Eds. Devy, G. N. & Lomdak, L., Orient BlackSwan Pvt. Ltd., Hyderabad, 2017, pp 119-130.
4. **Nimasow, G. & Joshi, R. C.:** Changing identity, livelihood and biodiversity of indigenous communities of Eastern Himalaya with special reference to Aka tribe, in *Societies, social inequalities and marginalization*, Eds. Chand, R.; Nel, E. & Pelc, S., Springer International Publishing, The Netherlands, 2017, pp 145-160.
5. **Nimasow, G. & Chaudhuri, S. K.:** Predicament of the Akas: livelihood, resource management and politics of exclusion in Arunachal Pradesh, in *Anthropological impact assessment of development initiatives*, Eds. Danda, A. K.; Basa, K. K. & Mishra, K. K., Indian National Confederation and Academy of Anthropologists, West Bengal, 2012, pp 243-266.
6. **Nimasow, G.:** Linkages between the Akas and their forests: An analysis of problems and prospects for sustainable development, A. P., in *Mountain biodiversity conservation and management*, Eds. Chetry, N.; Sherchan, U.; Chaudhury, S. & Shakya, B., ICIMOD, Kathmandu, 2012, pp 44-47.
7. **Nimasow, G.:** *Linkages between Akas and their forests: towards sustainability*, Lambert Academic Publishing, GmbH & Co. KG, Saarbrücken, Germany, 2012.
8. **Nimachow, G.:** *The Akas: Land and People*, Commonwealth Publishers, New Delhi, 2011.
9. **Nimachow, G.:** Life cycle rituals in the religious life of the Akas of Arunachal Pradesh, in *Religious History of Arunachal Pradesh*, Eds. Tripathy, B. & Dutta, S., Gyan Publication, New Delhi, 2008, pp 203-210.
10. **Nimachow, G.:** Significance of rituals in Marriage system of the Akas of Arunachal Pradesh, in *Marriage in tribal societies: (cultural dynamics and social realities)*, Eds. Mibang, T. & Behera, Bookwell Publishers, New Delhi, 2007, pp 213-219.
11. **Nimachow, G.:** A Note on Marriage Practices in the Aka Community of Arunachal Pradesh, in *Marriage and culture: reflection from tribal societies of Arunachal Pradesh*, Eds. Mibang, T. & Behera, Mittal publications, New Delhi, 2006, pp 45-54.
12. **Nimachow, G.:** Sacred places, beliefs, festivals and rituals of the Akas of Palizi village, in *Dynamics of villages in Arunachal Pradesh: emerging realities*, Eds. Mibang, T. & Behera, M. C., Mittal publications, New Delhi, 2003, pp 219-225.

## Research guidance

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### Post-doc fellow

### Ph.D scholar

1. Full name of the Scholar: Ranjit Mahato  
Topic of research: A study on Ichthyogeography of Bichom river in Arunachal Pradesh, India  
Year of PhD degree: Ongoing
2. Full name of the Scholar: Dhoni Bushi  
Topic of research: Biogeographical study of major high altitude lakes of Tawang district, Arunachal Pradesh  
Year of PhD degree: Ongoing
3. Full name of the Scholar: Gektum Tangu  
Topic of research: A phytogeographical study of four economically important plants of Shi-Yomi district of Arunachal Pradesh  
Year of PhD degree: Ongoing
4. Full name of the Scholar: Nyaipho Savio Wangsu  
Topic of research: Bridging the gap between culture and conservation of forest resources: A case study of Idu Mishmi tribe of Arunachal Pradesh  
Year of PhD degree: Ongoing
5. Full name of the Scholar: Tashi Dorjee Bapu  
Title of the thesis: A phytogeographical study and species distribution modelling of *Illicium griffithii* hook. F. & Thomson in West Kameng district of Arunachal Pradesh  
Year of PhD degree: 2021  
Present occupation: Circle Officer (APCS)
6. Full name of the Scholar: Karma Chozom  
Title of the thesis: Land suitability analysis for Apple (*Malus domestica* Borkh.) cultivation in West Kameng district, Arunachal Pradesh  
Year of PhD degree: 2018  
Present occupation: Assistant Professor
7. Full name of the Scholar: Reter Potom  
Title of the thesis: A study of Tea plantation in Arunachal Pradesh with reference to Lohit District  
Year of PhD degree: 2017  
Present occupation: Vice-Principal (B.Ed. College)
8. Full name of the Scholar: Nayo Apum  
Title of the thesis: A geographical analysis of mithun distribution and their habitat: A case study of the Adi inhabited areas of Arunachal Pradesh

Year of PhD degree: 2016

Present occupation: Assistant Professor

## **Course/Conference/Workshop organized**

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## **Course/Conference/Workshop etc. attended**

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1. Delivered an oral presentation in Geopolitics and significance of water resources of Arunachal Pradesh, a National Seminar held at Department of Geography, Jawaharlal Nehru College, Pasighat, Arunachal Pradesh, India during 23<sup>rd</sup>-24<sup>th</sup> January, 2021.  
Title of the presentation: Lake as an alternative source of livelihood in Arunachal Pradesh, India
2. Delivered an invited talk in India/North East India: Issues, Dynamics and Emerging Realities, a National Seminar held at Rajiv Gandhi University, Rono Hills, Doimukh, Arunachal Pradesh, India during 13<sup>th</sup>-14<sup>th</sup> March, 2020.  
Title of the talk: Issues, dynamics and emerging realities in Arunachal Pradesh
3. Delivered an oral presentation in Contemporary research and emerging issues of Northeast India: Anthropology and Beyond, a National Seminar held at Department of Anthropology, Rajiv Gandhi University, Rono Hills, Doimukh, Arunachal Pradesh, India during 2<sup>nd</sup>-3<sup>rd</sup> March, 2020.  
Title of the talk: Socio-economic transformation of Digaru Mishimi tribes Anjaw district, Arunachal Pradesh
4. Delivered an oral presentation in Climate Change, Natural disasters and Sustainable development, an International Conference held at Department of Geography, Govt. P.G. College, Panchkula (Haryana), India during 22<sup>nd</sup>-24<sup>th</sup> February, 2019.  
Title of the presentation: Religio-cultural beliefs and conservation of animals among the Buddhists of Western Arunachal Pradesh: A study on *Zipa Saka Dawa*, a sacred month of Tibetan Buddhism
5. Delivered an oral presentation in Climate variability, vulnerability and resource management strategies for sustainable development and Geospatial technologies, a National Conference held at Department of Geography, Rajiv Gandhi University, Rono Hills, Doimukh, Arunachal Pradesh, India during 29<sup>th</sup>-31<sup>st</sup> October, 2018.  
Title of the presentation: Role of Religio-cultural beliefs in the conservation of animals among the Monpa and Shertukpen tribes of Western Arunachal Pradesh
6. Delivered an oral presentation in Climate variability, vulnerability and resource management strategies for sustainable development and Geospatial technologies, a National Conference held at Department of Geography, Rajiv Gandhi University, Rono Hills, Doimukh, Arunachal Pradesh, India during 29<sup>th</sup>-31<sup>st</sup> October, 2018.



Title of the presentation: GIS and Remote Sensing based habitat suitability modeling of *Bos frontalis* (Mithun) in Adi tribe inhabited areas of Arunachal Pradesh

7. Delivered an oral presentation in Hill economies and Sustainable Development: Challenges and Prospects, a National Conference held at Department of Economics, Rajiv Gandhi University, Rono Hills, Doimukh, Arunachal Pradesh, India during 5<sup>th</sup>-6<sup>th</sup> February, 2018.

Title of the presentation: Extraction of medicinal plants as a source of rural livelihood: A case study of West Kameng district of Arunachal Pradesh

8. Delivered an oral presentation in Issues, challenges & development of North East India: special reference to Arunachal Pradesh, a National Conference held at Department of Political Science, Rajiv Gandhi University, Rono Hills, Doimukh, Arunachal Pradesh, India during 11<sup>th</sup>-12<sup>th</sup> September, 2015.

Title of the presentation: Linking rural livelihoods and protected areas: A case study of Daying Ering Memorial Wildlife Sanctuary

9. Delivered an oral presentation in Climate change & natural resources development strategies: Risk management and governance of mountainous region, an International Conference held at Department of Geography, Rajiv Gandhi University, Rono Hills, Doimukh, Arunachal Pradesh, India during 27<sup>th</sup>-29<sup>th</sup> November, 2014.

Title of the presentation: Depletion of Oak forests: A debate on climate change and deforestation in Tawang district of Arunachal Pradesh

10. Delivered an oral presentation in Climate change & natural resources development strategies: Risk management and governance of mountainous region, an International Conference held at Department of Geography, Rajiv Gandhi University, Rono Hills, Doimukh, Arunachal Pradesh, India during 27<sup>th</sup>-29<sup>th</sup> November, 2014.

Title of the presentation: Vanishing *Taxus baccata* L. due to unsustainable exploitation and climate change in West Kameng and Tawang districts of Arunachal Pradesh

11. Delivered an oral presentation in Sustainable tribal development and NE India, a National Conference held at Department of Sociology, Rajiv Gandhi University, Rono Hills, Doimukh, Arunachal Pradesh, India during 19<sup>th</sup> September, 2014.

Title of the presentation: Chuskor: An indigenous technique for sustainability among the Monpa tribes of Arunachal Pradesh, Tawang district

12. Delivered an oral presentation in Pre-colonial history and traditions of Arunachal Pradesh with reference to Tawang and West Kameng district, a National Conference held at Department of History, Rajiv Gandhi University, Rono Hills, Doimukh, Arunachal Pradesh, India during 28<sup>th</sup> March, 2012.

Title of the presentation: Tradition and culture of the Sartang tribes of West Kameng district

13. Delivered an oral presentation in Climate Change, Development and Social transition in NE: Impact and Issues, a National Conference held at Department

of Geography, Rajiv Gandhi University, Rono Hills, Doimukh, Arunachal Pradesh, India during 10<sup>th</sup>-12<sup>th</sup> November, 2011.

Title of the presentation: Sustainable development of horticulture in West Kameng district: A debate on food security and climate change

14. Delivered an oral presentation in Climate Change, Development and Social transition in NE: Impact and Issues, a National Conference held at Department of Geography, Rajiv Gandhi University, Rono Hills, Doimukh, Arunachal Pradesh, India during 10<sup>th</sup>-12<sup>th</sup> November, 2011.

Title of the presentation: Terrace cultivation: A sustainable mountain agriculture in Upper Siang district, Arunachal Pradesh

15. Delivered an invited talk in Problems and management of environmental degradation in NE India, a National Conference held at Department of Geography, Sibsagar Girls College, Assam, India during 14<sup>th</sup>-15<sup>th</sup> October, 2011.

Title of the talk: Industrialization and Energy Consumption

16. Delivered an oral presentation in Problems and management of environmental degradation in NE India, a National Conference held at Department of Geography, Sibsagar Girls College, Assam, India during 14<sup>th</sup>-15<sup>th</sup> October, 2011.

Title of the presentation: Problems and prospects of Siyom hydro project of Payum circle, West Siang district, Arunachal Pradesh

17. Delivered an oral presentation in Problems and management of environmental degradation in NE India, a National Conference held at Department of Geography, Sibsagar Girls College, Assam, India during 14<sup>th</sup>-15<sup>th</sup> October, 2011.

Title of the presentation: Impact of shifting cultivation on forest resources: A case study of Upper Siang district, Arunachal Pradesh

18. Delivered an oral presentation in Management and utilization of resources for sustainable development ..... in NE India, a National Conference held at Department of Geography, Tezpur College, Assam, India during 21<sup>st</sup>-22<sup>nd</sup> January, 2011.

Title of the presentation: Problems and prospects of tea cultivation in Arunachal Pradesh (A case study of Chongkham circle under Lohit district)

19. Delivered an oral presentation in Management and utilization of resources for sustainable development ..... in NE India, a National Conference held at Department of Geography, Tezpur College, Assam, India during 21<sup>st</sup>-22<sup>nd</sup> January, 2011.

Title of the presentation: Floriculture prospects in Arunachal Pradesh with special reference to orchids

20. Delivered an oral presentation in 3<sup>rd</sup> International Yew Tree Workshop, an International Workshop held at University of Leon – Ponferrada Campus, Spain during March 25<sup>th</sup>-26<sup>th</sup>, 2010.

Title of the presentation: Vanishing anti cancer yews: A study in West Kameng district of Arunachal Pradesh, India

21. Delivered an invited talk in Agro based Food Processing Industry in Arunachal Pradesh, a National Workshop held at Rajiv Gandhi University, Rono Hills, Doimukh, Arunachal Pradesh, India during 10<sup>th</sup> March 2009.

Title of the presentation: Prospects of bamboo shoot industry in Arunachal Pradesh

### **Sponsored Project**

Title of the project	Funding agency	Year of sanction	Role
Water Conservation and Harvesting Strategies	NITI Aayog/ UGC, New Delhi	<b>2021</b>	<b>PI</b>
Sustaining the impact of Climate Change on Lentic wetlands of Arunachal Himalayan Region	DST, New Delhi	<b>2019</b>	<b>Co-PI</b>
Phytogeographic survey and conservation efforts for <i>T. baccata</i> Linn. in Tawang district and other suspected areas of Arunachal Pradesh	UGC, New Delhi	<b>2011</b>	<b>PI</b>
Phytogeographic survey and Conservation efforts for <i>Taxus baccata</i> Linn. and <i>Rubia cordifolia</i> Linn. in West Kameng District of Arunachal Pradesh (Eastern Himalayas)	ATREE (CEPF), Darjeeling	<b>2009</b>	<b>PI</b>
Akas and their forests: An analysis of problems and prospects for sustainable development in Arunachal Pradesh	ICSSR, New Delhi	<b>2007</b>	<b>PI</b>