

Curriculum vitae

Dr. MEHTA ABHISHEK AMBASHANKARBHAI
 ASSISTANT PROFESSOR (FOREST PRODUCTS AND UTILIZATION)
 ASPEE COLLEGE OF HORTICULTURE & FORESTRY,
 NAVSARI AGRICULTURAL UNIVERSITY,
 NAVSARI-396 450, GUJARAT (INDIA)
CONTACT : 08128699081 (M), **E-mail**: aamehta@nau.in
 Fax No: 02637- 282145, 283160, 2834520, 282554



Personal Profile:

Date of Birth	02-October-1985
Permanent Address	S/O Shri Ambashankarbhai Mehta, Ambaji nagar, Behind telephone exchange, Una. Distt.- Gir- Somnath, Gujarat, Pin - 362560

Professional profile:

Field of Specialization : Forest Products and Utilization

Educational qualification :

	Qualification	Year of passing	University/ Board
a	Ph.D. (Forestry) specialization in Agroforestry	2016	Navsari Agricultural University, Gujarat
b	M.Sc. (Forestry) specialization in Agroforestry and Ecology	2009	Navsari Agricultural University, Gujarat
c	B.Sc. (Forestry)	2006	Navsari Agricultural University, Gujarat
d	NET in Forestry	2010	ASRB, ICAR-New Delhi
e	CCC certificate	2007	DOEACC Society
f	CCC+ Examination	2011	SPIPA (Government of Gujarat)

Professional Experience:

	Post held	Name of the employer	Period		Experience
			from	to	
a	Assistant Professor (Forest Products and Utilization)	Navsari Agricultural University, Navsari	June 2010	Till date	Teaching, research and extension in the field of Forestry

Medals/ Awards/ Other:

	Name of award	Organization	Date/ Year
a	Secured University fellowship during M.Sc.	Navsari Agricultural University, Navsari	2007
b	Second prize for best poster presentation (World Biodiversity Conservation)	Navsari Agricultural University, Navsari	2006
c	First prize for best post presentation	In National seminar on intervention for environmental moderation, NAU, Navsari	2008
d	First prize for best oral presentation	In National seminar on Forest and Tree-Based Land Use Systems for Livelihood, Nutritional and Environmental Security, NAU, Navsari	2016
e	First Prize for best poster presentation	National conference on Utilization and Conservation	2020

		of Non-Timber Forest Genetic Resources for Sustainable Development, CAAST, NAU, Navsari	
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Research Projects			
a	Ad-hoc projects	:	02 as PI and 02 as Co PI
b	Departmental Research Projects	:	04 as PI and 06 as Co-PI
Research Publication/ popular articles and seminar			
	Publication		Total number
a	Research article	:	19 (national & international)
b	Papers in book/ proceedings	:	01 (national & international)
c	Book/ Book chapter	:	03
d	Popular Articles in Magazines	:	17
e	Manual	:	09
Seminar/conference/workshop/symposium attended			
a	Global/ International level	:	2
b	National level	:	8
Member of societies/ academic bodies			
a	Life member of Medicinal and Aromatic Plant Association of India (MAPAI).		
b	Life Member of the GAAS (Gujarat Association for Agricultural Sciences), Gujarat.		
Presently working on			
a	Commercial Apiculture module as Module Manager at College of Forestry, ACHF, NAU, Navsari		
b	Behaviour of Stingless bees and its rearing		
c	Value addition of wild edibles		
d	Extraction of some important gums and related aspects		

Project being handled (Externally funded):

Sr no.	Name of the project	Sponsored by	Year	Budget Amount (Rs. in Lakh)
1	Commercial Apiculture- ELP (Experiential Learning Programme)	Indian Council of Agricultural Research (ICAR), New Delhi	2011	70.00
2	Investigations of Non- Timber Forest Products of Gujarat	Indian Council of Forestry Research and Education (ICFRE), Dehra dun	2012	15.00

Training Attended:

1. ICAR sponsored Summer School: Advances in Medicinal and Aromatic Plants Research at DMAPR, Boriavi, Anand, Gujarat. (14-07-2015 to 03-08-2015)
2. ICAR sponsored CAFT training: Challenges and opportunities in food processing in context to value addition and post harvest management of agricultural products at BHU, Varanasi, Uttar Pradesh. (01-09-2017 to 21-09-2017)
3. ICAR sponsored CAFT training: Advances in Biology, conservation, rearing and management of Apis & Non-Apis bees at CCSHAU, Hisar, Hariyana . (04-10-2019 to 24-10-2019)
4. Trainings in the field of Apiculture (Two trainings sponsored by National Bee Board, New

Delhi and one training organized by Central Bee Research and Training (CBRTI), Pune).

PUBLICATION DETAILS

Publication in International Journal

1. **A.A. Mehta**, L.K. Behera, M.B. Tandel, D.B. Jadeja and B.G. Vashi (2015). Efficacy of different oils used for the extraction of annatto colour from the seeds of *Bixa orellana* L. *Journal of Applied and Natural Science*, **7** (2): 828- 831 (ISSN: 2231-5209).
2. L.K. Behera, M.R. Nayak, D.P. Patel, **A.A. Mehta**, S.K. Sinha and R.P. Gunaga (2015). Agroforestry practices for physiological amelioration of salt affected soils. *Journal of Plant Stress Physiology*, **1**(1): 12- 17.
3. L.K. Behera, M.R. Nayak, **A.A. Mehta**, S.M. Patel and D.B. Jadeja (2015). Optimization of *in vitro* culture conditions for multiplication of physic nut (*Jatropha curcas* L.). *International Journal of Usufructs Management*, **16**(2): 66-75 (ISSN 0972- 3927).
4. L.K. Behera, M.R. Nayak, **A.A. Mehta**, R.L. Sondarva and D.B. Jadeja (2016). Fibre Parameters Variation Among Twenty Clones Of *Eucalyptus* In South Gujarat. *International Journal of Usufructs Management*, **17**(1): 55-62 (ISSN 0972- 3927).
5. S.K. Sinha, J.G. pathak; **A. A. Mehta** and Behera L.K. (2016) Tapping methods in salai gugal (*Boswellia serrata* Roxb.) for sustainable yield of oleo-gumresin: A case study. *Journal of Usufructs Management. International Journal of Forest Usufructs Management* **17** (2): 13-18 (ISSN 0972- 3927)
6. L. K. Behera, D. P. Patel, R. P. Gunaga, **A. A. Mehta** and D.B. Jadeja (2016). Clonal evaluation for early growth performance of *Eucalyptus* in South Gujarat, India. *Journal of Applied and Natural Science*, **8**(4): 2066-2069 (ISSN: 2231-5209).
7. **A.A. Mehta**, M.B. Tandel, D.P. Patel, L.K. Behera, D.H. Prajapati and D.B. Jadeja (2017). Yield performance of *Chlorophytum borivilianum* sant. & fern and accessions in moringa based agroforestry system. *International Journal of Agriculture Sciences*. **9** (10): 3976-3979. (ISSN: 0975-9107)
8. L.K. Behera, D.P. Patel, C.A. Dholariya, S.K. Sinha, **A.A. Mehta**, M.J. Dobriyal and D.B. Jadeja (2017). Vessle Parameters Variation Among Twenty Clones Of *Eucalyptus* In South Gujarat. *International Journal of Usufructs Management*, **18**(1): 41-47 (ISSN 0972- 3927).
9. **A.A. Mehta**, M.B. Tandel, L.K. Behera, D.P. Patel, C.A. Dholariya and D.B. Jadeja (2017). Growth performance of *Chlorophytum borivilianum* Sant. & Fern. and accessions in Moringa based agroforestry system. *Multilogic in Science*, **7**(23):60-63. (ISSN 2277-7601, NAAS-5.20).
10. L.K. Behera, **A.A. Mehta**, P.K. Shrivastava, S.M. Patel, V.M. Prajapati and D.B. Jadeja (2017). Genetic divergence study for growth characters among clones of *Eucalyptus*. *International Journal of Chemical Studies*, **5**(6): 1780-1782. (ISSN 2349–8528, NAAS- 5.31)
11. L.K. Behera, **A.A. Mehta**, C.A. Dholariya, S.K. Sinha, R.P. Gunaga and S.M. Patel (2017). Bee foraging activity on MPTS by honeybee species during minor honey flow period in South Gujarat condition. *International Journal of Usufructs Management*, **18**(2): 47-53. (ISSN 0972-3927, NAAS-3.27)
12. L.K. Behera, D. P. Patel, C.A. Dholariya, M.R. Nayak, R.P. Gunaga, **A.A. Mehta** and D.B. Jadeja (2018) Evaluation of chemical properties variation among clones of *Eucalyptus* in South Gujarat. *Multilogic in Science*. **VII**(XXV): 21-24 (ISSN 2277-7601, NAAS-5.2)
13. C.A. Dholariya, **L.K. Behera**, D.P. Patel, A.A. Mehta, R.P. Gunaga and S.V. Viyol (2018). Impact of different salinity levels on physiological attributes of *Leucaena leucocephala* Lam. in early growth stage. *International Journal of Chemical Studies*, **6**(4): 2606-2609. (ISSN 2349–8528, NAAS- 5.31).
14. **A.A. Mehta**, L.K. Behera, C.A. Dholariya, M.B. Tandel and D.B. Jadeja (2019). Genetic variability and correlation study for growth characters among the accessions of safed musli. *International Journal of Chemical Studies*, **7**(1): 409-411. (ISSN 2349–8528, NAAS- 5.31).
15. **A.A. Mehta**, L.K. Behera, S.K. Jha, C.A. Dholariya and D.B. Jadeja (2019). Genetic divergence study for growth characters among the accessions of Safed Musli. *International Journal of Chemical Studies*, **7**(1): 2349-2351 (ISSN 2349–8528, NAAS- 5.31)

Publication in National Journal

1. L.K. Behera, **A.A. Mehta** and S.K. Sinha (2014). Suitable bee flora availability for commercial apiculture during dearth period in the heavy rainfall zone of South Gujarat. *Research Journal of Chemical and Environmental Sciences*, **2** (6): 65-68. (ISSN 2321-1040).
2. L.K. Behera, A.A. Mehta, C.A. Dholariya, S.M. Patel and R.P. Gunaga (2018). Foraging activity of Rockbee (*Apis dorsata*) on Eucalyptus: A promising MPTs in South Gujarat condition. *Journal of Entomology and Zoology Studies*, 6(6): 550-553, (ISSN 2349-6800, NAAS-5.54).
3. S.K.Sinha, L.K. Behera, **A. A. Mehta** and P. K. Shrivastava (2019). Dendroclimatological approach in plantation management of teak (*Tectona grandis*). *Indian Journal of Agricultural Sciences*, **89**(12): 2043–47 (ISSN 0019-5022, NAAS-6.23).
4. L.K. Behera, Lala I.P. Ray, M.R. Nayak, **A. A. Mehta** and S. M. Patel (2020). Carbon sequestration potential of Eucalyptus spp.: A review. *e-planet* 18 (1) 79-84

Publication in the proceedings of Seminar/ Conference/ Workshop

1. **A.A. Mehta**, L.K. Behera, S.K. Sinha and J.G. Pathak (2016). Palmyra Palm and Beekeeping. National Conference on “Palmyra Palm” held at ACHF, NAU, Navsari during 7- 8 February, 2016. Pp- 32- 38.(ISBN-978-81-922823-1-2)

Publication in the magazine (Popular article)

1. **A.A. Mehta**, L.K. Behera and S.K. Sinha (2016). Apiculture practices through capture and transfer of wild colonies of Indian Honeybees (*Apis cerana*) into wooden hives. *MFP News*, **26**(1): 8- 11.
2. **A.A. Mehta**, J.J. Pastagia and L.K. Behera (2016). Madhmakhi palan: Vadhu nafo apto rojgari mateno ek safal Vyavasaya. Dashin Gujaratma krushi salanga navin technology ane vyavsayo. NAU, Navsari. (University Publication No- 4/2016-17, pp-74-80). (Gujarati)
3. **A.A. Mehta**, J.J. Pastagia and L.K. Behera (2017). Madhmakhi Palan (Leaf let/ Brochure). College of Forestry, ACHF, NAU, Navsari. NAU Publication No-28/2017-18.
4. A.A. Mehta, **L.K. Behera**, S.K. Sinha and J. Pastagia (2017). Bharatiya Satpudi Makhini Kudarati Abasmathi Petima Purbani Padhati. Madhmakhi Palan- Ak Parichay. ACHF, NAU, Navsari. Pp- 59-61.
5. Madhuri Sukhadiya, Chintan A. Dholariya, L. K. Behera, **A. A. Mehta**, S. A. Huse and R.P. Gunaga (2019). Indian kino tree (*Pterocarpus marsupium* roxb.): Biography of excellent timber tree species. *MFP News*, **XXIX**(1): 4-8.
6. Madhuri Sukhadiya, Chintan A. Dholariya, L. K. Behera, **A. A. Mehta**, S. K. Sinha and S. M. Patel (2019). Biography of lesser known and medicinal tree species Marking nut (*Semecarpus anacardium* l.). *MFP News*, **XXIX**(1): 9-13.
7. Madhuri Sukhadiya, C. A. Dholariya, L.K. Behera, **A.A. Mehta**, S.M. Patel and M.J. Dobriyal (2019). Overview of lesser known and medicinal tree Tanachh: *Ougeinia oojeinensis*. *Van Sangyan*, 6(3): 9-13 (ISSN 2395-468X).
8. C.A. Dholariya, M. Sukhadiya, L.K. Behera, **A.A. Mehta**, D. Nayak and S.M. Patel (2019). *Dalbergia lanceolaria* L.f.: Prospect of a lesser known tree species in India. *Van Sangyan*, 6(4): 9-11 (ISSN 2395-468X).
9. Madhuri Sukhadiya, C.A. Dholariya, L.K. Behera, **A.A. Mehta**, P.K. Shrivastava and S.M. Patel (2019). Prospective of lesser known tree species: Malabar orchid (*Bauhinia malabarica* Roxb.). *Van Sangyan*, 6(4): 12-15 (ISSN 2395-468X).
10. C.A. Dholariya, Madhuri Sukhadiya, L.K. Behera, B.S. Desai, S.A. Huse and **A.A. Mehta** (2019). Utilization and silviculture of a lesser known tree species: *Sterculia villosa* Roxb. *Van Sangyan*, 6(4): 16-18 (ISSN 2395-468X).
11. C.A. Dholariya, Madhuri Sukhadiya, L.K. Behera, **A. A. Mehta**, S. M. Patel and J. Bhusara (2019). *Mallotus philippinensis*: Overall outlook of a multipurpose medicinal tree .*Van Sangyan*, 6(7): 7-10 (ISSN 2395-468X).
12. M Sukhadiya, C.A. Dholariya, L.K. Behera, D. Nayak, **A. A. Mehta** and R. L. Sondarva (2019). *Milliusa tomentosa*: A lesserknown tree species. *Van Sangyan*, 6(7): 23-24 (ISSN 2395-468X).

13. L. K. Behera, **A. A. Mehta**, M. Sukhadiya, C. A. Dholariya, D.P. Patel and B.S. Desai (2019). Commercial Utilization and Nursery Practices of Anjan (*Hardwickia binata* Roxb.): A MPTs. MFP News, XXIX(2): 4-7.
14. Madhuri Sukhadiya, Chintan A. Dholariya, L. K. Behera, **A. A. Mehta**, P.K. Shrivastava and B.S. Desai (2019). Silviculture and Utilization of a Lesser Known Tree Species: *Albizia procera*. MFP News, XXIX(2): 8-13.
15. Madhuri Sukhadiya, C.A. Dholariya, L. K. Behera, **A. A. Mehta**, D.P. Patel and R.P. Gunaga (2019). Commercial utilization and propagation of Gum Karaya (*Sterculia urens* Roxb.) MFP News, XXIX(3): 5-8.
16. L. K. Behera, R.P. Gunaga, N. S. Thakur, **A. A. Mehta**, M Sukhadiya and C.A. Dholariya (2019). *Oroxylum indicum*: Detail on a medicinally important and rare tree species of India. MFP News, XXIX(3): 9-12.
17. M Sukhadiya, C.A. Dholariya, L. K. Behera, D. Nayak, S. M. Patel and **A. A. Mehta**, (2020). *Dalbergia latifolia* Roxb.: Biography of an indigenous multipurpose tree species of India. MFP News, XXX(1): 4-17.

Practical Manual/ Teaching Manual/ Lecture Notes

1. Practical Manual on Principles and Practices of Silviculture (2014). Authored by L.K. Behera, **A.A. Mehta**, R.P. Gunaga, V.M. Prajapati and M.J. Dobriyal. Pp-56.
2. Practical Manual on Forest Mensuration (2014). Authored by L.K. Behera, **A.A. Mehta**, R.P. Gunaga, M.B. Tandel and D.B. Jadeja. Pp-66.
3. Practical manual on Utilization of Non- timber Forest Products (2015). Authored by **A.A. Mehta**, L.K. Behera, M.B. Tandel and R.P. Gunaga. Pp-79.
4. Practical Manual on Wood Products and Utilization (2015). Authored by **A.A. Mehta**, L.K. Behera, S.K. Sinha, and R.P. Gunaga. Pp-61.
5. Wood anatomy practical manual (2017). Authored by S. K. Sinha, H.T. Hegde and **A.A. Mehta**. Pp.75.
6. Practical manual of Logging and Ergonomics (2017). Authored by H.T. Hegde, S. K. Sinha and **A.A. Mehta**. Pp. 65.
7. Practical Manual on Principles of Silviculture (2018). Authored by **L.K. Behera**, A.A. Mehta, R.P. Gunaga, V.M. Prajapati and M.J. Dobriyal. Pp-53.
8. Practical Manual on Forest Mensuration (2020). Authored by **L.K. Behera**, A.A. Mehta, R.P. Gunaga, M.B. Tandel and S. M. Patel. Pp-70.
9. Ethnobotany and Medicinal & Aromatic Plants- Practical Manual. (2018) Authored by N.S. Thakur, B.S. Desai and **A. A. Mehta**. Pp.-74.

Book/ Book Chapter

1. N.S.Patil and **A.A.Mehta**. (2011) Problems and prospects of Forest based products. (In: A special publication on problem and prospects of agro-based industries in India based on special lecture series organized on 23rd to 25th May, 2011) at APEE Agri Business Management Institute, Navsari Agricultural University, Navsari. NAU publication. Pp- 57-68.
2. Vikas Kumar, S.K. Sinha and **A.A. Mehta** (2014). Non Timber Forest Products (In: Vikas Kumar and Kunhamu T.K. : A Question Bank of Forestry, (Including previous ASRB NET, JRF and SRF solved questions) Narendra publishing house, Delhi. pp-297-316. (ISBN: I978-93-82471-98-1 (HB), 978-93-82471-99-8 (PB)
3. **A.A. Mehta** and J. J. Pastagia (2017). Madhmakhi Palan- Ak Parichay. ACHF, NAU, Navsari. Pp- 68. (Uni. Publi. no. : 65/2017-18).