

**CONTENTS**

- Role of agroforestry and plantation on climate change mitigation and carbon sequestration in Ethiopia** 1-15
Misganaw Meragiaw
- New records of insect-pests and natural enemies on economically important forest trees in Dangs district of Gujarat** 16-28
Sushil Kumar, Sachin Chavan and VM Prajapati
- Carbon stock in biomass and litter in different plantation of Tropical Forest Research Institute, Jabalpur** 29-33
Sangeeta Verma and Avinash Jain
- Economic evaluation of sugarcane based agro forestry systems** 34-37
S C Mali, Swati Shedage and P K Shrivastava
- Performance of air-layering under various concentration levels of auxin in *Azadirachta indica* (A. Juss)** 38-41
Swati Shirsat, SW Choudhari, VB Shambharkar, V P Mane and UV Raut
- Half sib family variation in seedling traits of *Simarouba glauca* dc.** 42-51
Poonam Khatri, Ramakrishna Hegde, Roshni, A J and Ramesh, B R
- Seed dormancy and storage behavior of *Strychnos potatorum* – a fast depleting tree resource** 52-57
Rekha R Warriar, R Anandalakshmi, V Sivakumar, and B Gurudev Singh
- Potentiality of colocasia intercropping under naturally occurring palmyra palm (*Borassus flabellifer* L.)** 58-61
Kazi AA, Tandel MB, Pathak JG and Prajapati DH
- Seasonal dust accumulation on commonly growing sub-temperate vegetation along national highway** 62-69
Bhavika Sharma, Sandeep Sharma, S K Bhardwaj, Raman Nautiyal and N M Alam
- Effect of cutting size and different doses of nitrogen on growth and biomass of *Salix alba* in nursery stock** 70-77
Sirtaj Singh, Rajni Chauhan and SK Chauhan

- Assessment of genetic diversity in drek (*Melia azedarach*) using molecular markers** 78-85
Shikha Thakur, I K Thakur and M Sankanur
- Responses of pretreatment and nutrient media on seed germination in *Gymnocladus assamicus*, a critically endangered legume tree species from north east India** 86-92
Sanjoy Gupta, A A Mao, Soneswar Sarma and T Satish
- Studies on variability, correlation and path analysis using important seed traits in *Bixa orellana* (L)** 93-102
S Kala, K Kumaran, P Srimathi, S Reeja and RK Singh
- Morphological characterization and in vitro callus induction in ashoka [*Saraca asoca* (roxb.) De Wilde.] - a vulnerable medicinal tree** 103-109
Paranthaman M, R Usha Kumari, N Lakshmi Narayanan and K Sivasubramaniam
- Effect of UV light, preservative and heat treatment on quality of *Aloe vera* based blended nectar** 110-122
Dev Raj, Zinzala Paresh B, Tank RV and Harish Suthar
- Nursery growth performance of hybrid seedlings of willow (*Salix* species)** 123-131
JP Sharma, NB Singh, P Chaudhary and Sapna Thakur
- Effect of seedling height and diameter of *Cedrus deodara* on out planting survival** 132-138
Sandeep Sharma