

CONTENTS

1	Effect of Heat Absorbed and Remitted by Copper Present In Molten Pb-Sb-Cu Alloy System on the Impact Strength and Hardness of the Solidified Alloy C. I. Nwoye and S. I. Okeke	1-7
2	Model for Predicting the Upgraded Concentration of Iron during Solid-State Beneficiation of Iron Oxide Ore Pelletized with Powdered Potassium Chlorate C. I. Nwoye, S. Obiji, C. C. Nwakwuo, and C. N. Anyakwo	8-14
3	Extinction of Species from Establishment of Large Water Projects: The Case of <i>Aloe polyphylla</i> in Lesotho Maleribe Julia Mofokeng, Jiwen Ge	15-20
4	Prunus Cerasoides D. Don (Himalayan Wild Cherry): A Boon To Hill-Beekeepers In Garhwal Himalaya Prabhawati Tiwari, J. K. Tiwari and Radha Ballabha	21-23
5	Biochemical Quantification of protein , Fat, Starch, Crude fibre, Ash and Dry matter content in different Collection of Greater Yam (<i>Dioscorea alata</i> L.) found in Orissa Kambaska Kumar Behera, Trinanth Moharana, Santilata Sahoo and Aratibala Prusti	24-32
6	In the search for a new field of mathematics S. Kalimuthu	33-40
7	Molecular Characterization of <i>Valeriana</i> Species with PCR, RAPD and SDS PAGE Manisha Pant, Tapan Kumar Nailwal, Lalit M. Tewari, Sanjay Kumar, Priti Kumari, Hemlata Kholia and Geeta Tewari	41-49
8	OPTIMIZATION OF 2, 4 DICHLOROPHENOL DEGRADABLE CRUDE EXTRACTS PRODUCED BY <i>Pseudomonas Aeruginosa</i> USING BOX BEHNKEN DESIGN R. Manikandan, H. Janardhana Prabhu, P. Sivashanmugam, CN Pratheeba and Pankaj Sah	50-60
9	A Case Study: Nainital High Altitude Zoo, Ecotourism and People Participation Maya Nainwal, Narayan Singh, L. S. Lodhiyal & Balwant Kumar	61-66
10	Evaluation of Disease Intensity of Some Rust Fungi at Nainital Hills Anwasha Sah, Uma Tiwari Palni, Y. P. S Pangtey	67-72
11	Thermal decomposition kinetics of peanut shell Bibhesh K. Singh, Priti Kumari, Anant prakash, Devjani Adhikari	73-78
12	Staphylococcus aureus - A Cause of Fatal Toxic Shock Syndrome In Egyptian Horses (First record) Sherein I. Abd El-Moez, Ahmed F.Y. , Omaima H. Ezzo	79-87
13	Beautiful Geometry	88-89

S. Kalimuthu

- 14 Rare metal (Ta-Sn-Li-Be) distribution in Precambrian pegmatites of Keffi area, Central Nigeria** **90-99**
Olugbenga A. Okunlola¹ and Onesimus O. Ocan
- 15 Prediction Of Productivity Of Spent Lubricant Oil Uncontaminated And Contaminated Soil Amended With Organic Wastes Using Modified Productivity Index In Abakaliki, Nigeria** **100-112**
Nwite, J. N., Mbah, C.N., Igwe, T.S. And Njoku, C.
- 16 Pedology of Oak and Pine Forests in Indian Central Himalaya** **113-115**
Bhupendra Singh Jina, Chandrapal Singh Bohra and Pankaj Sah
- 17 Optimization Of 2, 4 Dichlorophenol Degradable Crude Extracts Produced by *Pseudomonas aeruginosa* Using Box Behnken Design** **116- 128**
R. Manikandan, H. Janardhana Prabhu, P. Sivashanmugam, CN Pratheeba and Pankaj Sah
- 18 Efficient *in vitro* multiplication of Syrian Rue (*Peganum harmala* L.) using 6-benzylaminopurine pre-conditioned seedling explants** **129-134**
Neha Goel, Narender Singh and Raman Saini