

## Contents

### *Research Articles*

- Studies on influence of moisture content on engineering properties of *kodo* and *kutki* millets  
*S. Balasubramanian, M.G. Jincy, S.D. Deshpande and P. Chandra* 64
- Experimental and quantum chemical studies on the corrosion inhibition of indoloimidazoles  
in acid medium  
*D. Nalini, L. Saraswathi and R. Sowmya* 70
- In silico* prediction of MHC binding peptides and epitopes from *Tobacco streak virus* coat  
protein to develop immuno-diagnostics for virus  
*T.R. Usharani, Akshata Gad, Salil Jalali and M. Krishna Reddy* 77
- Phytase production under solid state fermentation utilizing polyurethane foam as inert  
support and its application in bread fortification  
*Priyanka Buddhiwant, Mahesh Dharne and Jayant M. Khire* 86
- Avifauna of Naigaon salt pans, Palghar district, Maharashtra  
*A.A. Chawan, A.V. Satardekar, M.S. Tambe and R.S. Dalvi* 92
- Management of bacterial leaf blight disease of rice with new bactericide  
*K. Rajappan, K. Karunanithi and P. Ahila Devi* 99
- Mortality pattern of Giriraja chicks under deep litter system in various seasons  
*S. Jayachitra and K. Balasundaram* 102
- Modulation of acetylcholine esterase activity in the brain and muscle of  
*Horabagrus brachysoma* acclimated to increasing temperatures  
*R.S. Dalvi, A.K. Pal, L.R. Tiwari and R. Rama* 105
- A study on the effect of magnetohydrodynamics flow and heat transfer on optically  
thin fluid in a channel  
*R. Lakshmi and K. Ramya* 108

***Short communication***

Distribution of herpetofauna in and around Ajoba fort, Thane district of Maharashtra, India

*A.H. Pandirkar, P.S. Ghadigaonkar, P. Bandekar and P. Jangam*

117

Author Index

i

Guidelines for authors

ii - iii

Acknowledgment