

# Contents

SANTOSH KUMAR TRIPATHI, UTKARSH MISRA AND P.K. MISRA - Some Desmids from Western Uttar Pradesh, India .....	1
S.K. DAS AND S.P. ADHIKARY - Algal diversity in the reservoirs of Odisha state, India .....	17
M. PRABAKARAN, A. PANNEERSELVAM AND N. THAJUDDIN - <i>In vitro</i> antivibrio activity, Isolation of phenol compounds and their functional groups of <i>Phormidium</i> species .....	42
T. PON RATHI - A comparative study on the effect of <i>Stoechospermum</i> SLF and <i>Syringodium</i> SGLF on the growth and photosynthetic pigments of <i>Vigna mungo</i> seedlings .....	50
RITU JAIN, PRAMOD KUMAR JAIN AND PUSHPA SRIVASTAVA - A list of Blue-green algae of Alwar (Rajasthan), India - Chroococcales-II .....	61
N. JEEJI BAI, BEENA B. NAIR AND V. SHASHIREKHA - <i>Spirulina</i> ( <i>Arthrospira</i> ) Biotechnology for Rural Application .....	71
P. SUNIL KUMAR AND P.A. THOMAS - Studies on the microchipping activity of bioeroding sponges infesting <i>Perna indica</i> Kuriakose and Nair .....	87
N.H. BRAHMBHATT AND RINKU V. PATEL - Bioremediation potential of <i>Spirogyra</i> , toxicity and biosorption studies on lead (Pb) .....	90
V. SORNALAKSHMI AND VENKATARAMAN KUMAR - Effect of UV-B radiation on growth and biochemicals of some seaweeds of Tuticorin coast .....	95
K. JEBA ANANTHI, M. JEEVITHA AND VENKATARAMAN KUMAR - A comparative study on the effect of <i>Gracilaria corticata</i> SLF by different methods of extraction on <i>Vigna mungo</i> seedling .....	103
S.A. PATIL AND A.K. JAWALE - Zygnemaceae from Mangrul Dam, Dist. Jalgaon, Maharashtra .....	109
K. SANJOJ, C.T. CHANDRALEKHA AND JOSE JOHN - Studies on diversity of microalgae on pneumatophores and surrounding waters of <i>Avicennia officinalis</i> L. ....	114
T. KANNAPPAN AND M. SHUNMUGAVELU - Hydrological investigation on Manakudy estuary, with special reference to various environmental problems .....	120
SAWMIYA UDAYAN, R. BINDU AND S. SHEEBA - A Study on plankton population of a temporary pond in Alapuzha district, Kerala in relation to physico-chemical characteristics .....	128