Editorial Board

Editor-in-Chief Rtn (Dr.) R.K. Samantarai

Ex Jt. Director, F & Animal Resources Dev. Dept. Government of Odisha, India

Executive Editor

Dr. Ramesh Ch. Misra, Principal Scientist, ICAR-NBPGR, Cuttack

Managing Editor

Dr. Ranjan Kumar Mohanta, Sr. Scientist & Head, KVK, ICAR-NRRI, Cuttack

International Editors

Prof. James France, Ex. Director, Centre for Nutrition Modelling,
University of Guelph, Guelph, Ontario, Canada

Prof. S.H.R. Sadeghi, Dept. of Watershed Mgmt. Engg., Tarbiat Modares
University, Noor, Mazandaran Province, Iran

Md. Masood Nicnam, Vice Chancellor for Academic Affairs, Ghazni University, Ghazni Province, Afghanistan

Dr. Frank Niranjan, Principal Scientist, Srilanka Council for Agri.
Research Policy, Colombo 07, Sri Lanka

Editors

Prof. Prasannajit Mishra, Dean, Extn. Edn, OUAT, Bhubaneswar Prof. Susen Ku. Panda, Dean, Coll of Vety. Sc. & AH, OUAT, BBSR

Dr. Arun Kumar Mishra, RCCF, Rourkela Circle, Sundargarh

Dr. Sujit Kumar Nath, Sr. Scientist and Head, KVK, Ganjam

Dr. Sarada Prasanna Sahoo, Director, CCBF, Semiliguda, Koraput

Dr. Pramod Kumar Panda, Principal Scientist, ICAR-IIWM, BBSR

Associate Editors

Dr. Nityamanjari Mishra, Asst. Prof. Dept. of Veg. Sci., CA, OUAT, BBSR

Dr. Satyanarayan Mishra, Curator, I.G. Park Zoo, Rourkela

Dr. Hiranmayee Nayak, Asst. Prof., Coll of Forestry, OUAT, BBSR

Ms. Pallavi Patnaik, Ex Editor, Graphy Publication, Bhubaneswar

Mr. Millen Samantray, Scholar, Dvn. of Chem Engg., NIT, Rourkela

Chief Patron Chairman

NM Group of Institutions, Sijua, Patrapara, Bhubaneswar, Odisha, India.

Chairman, Advisory Committee

Prof. Khageswar Pradhan, Former Chancellor, SOA University & Ex. Vice chancellor, OUAT, Bhubaneswar

Advisors

Mr. S.K. Nayak, Former Principal Scientist & Head, CRRI, Cuttack Mr. Vinod Kumar, IFS, Former Director, IGFNA, Dehradun Prof. J.V. Cheeran, Ex. Member to IUCN, Thrissur, Kerala Prof. U.K. Behera, Director, Education, CAU, Samastipur, Bihar Dr. Basant Kumar Das, Director, CIFRI, Barrakpore, Kolkata Dr. Saroj Ku. Swain, Ex-Director, ICAR-CIFA, Bhubaneswar Prof. Gayatri Biswal, Dept. of Plant Pathology, OUAT, Bhubaneswar Dr. Satya Parida, Head of Vaccine Diff., Pirbright Institute, U.K. Dr. J.K. Panigrahi, Secretary, Orissa Environment Society, BBSR

Advisors (OPES)

Prof. Brundaban Dhal, President, OPES, Bhubaneswar Mr. Taruna Kanta Samantaray, Vice President, OPES, BBSR Mr. Suvrajeet Padhy, Secretary, OPES, Bhubaneswar Mr. S.S. Jiban Dash, Jt. Secy. cum Treasurer, OPES, Bhubaneswar

Institutional Patron

PCCF (Gen), Dept. of Forest & Environment, Govt. of Odisha

Patrons

Mr. Ram K Dash, Waldenwoods Foundation, BBSR Ms. Geetanjali Mohanty, Prop., Gitanjali Herbal Garden Dr. Mukti Kanta Bhuyan, Sub-Dvn. Vety. Officer, Sambalpur Rtn. Prakash Ch. Prusty, Prop., Vasundhara Micro Irrigation Services

Honorary Patron

Mr. Sudarshan Pattnaik, International Sand Artist, Puri

Printed, published & edited by Dr. R.K. Samantarai, 1(A), Nandankanan Zoo, P.O. Barang, Dist- Khurda, Odisha, India, Pin - 754005 Owned by the Organisation for Protection of Ecosystem, Environment and Endangered Species (OPES), Plot No. - A-47, Rameswarpatna, Maushima Square, Old Town, Bhubaneswar-751002, Odisha, India. Published and printed at Print-Tech Offset Pvt. Ltd., Bhubaneswar - 751024

Logo Description: It symbolizes an elephant within an ecological frame of peace and harmony moving towards prosperity and posterity.

SUBSCRIPTION

Life Member (Individual) 15 yrs - Rs. 5000/-

Life Member (Overseas) 15 yrs — USD 100/-

Life Member (Institutional) 15 yrs – Rs. 30000/-

Patron (Individual) 15 yrs - Rs. 20000/-

Patron (Institutional) 15 yrs — Rs. 50000/-

* Please send payment to : **OPES**, **Bhubaneswar** in shape of D.D. payable at Bhubaneswar

ADDRESS FOR CORRESPONDENCE

Dr. R.K. Samantarai Editor-in-Chief

A - 47, Rameswarpatna, Maushima Square Bhubaneswar - 751 002, Odisha e-mail - eplanetjournal@gmail.com

Mob.: +91 7008370017 / 9437090017

Please visit us at : www.e-planet.co.in