

CONTENTS

Improved Lossless Embedding and Extraction– A Data Hiding Mechanism	<i>T. Venkat Narayana Rao, A. Govardhan & Syed Jahangir Badashah</i>	1-7
Intelligent Fault Detection of a Cracked Cantilever Beam Using Fuzzy Logic Technology with Hybrid Membership functions	<i>Dayal R Parhi & Sasanka Choudhury</i>	9-16
Analysis of Kinematic Constrained Mobile Robot Using ANT Colony Optimization	<i>Dayal R. Parhi & Jagan Mohana Rao Rappa</i>	17-21
Prediction of Support Load Using Rulebased-Fuzzy Control Technique	<i>D. R. Parhi, Sudhir Kumar Kashyap & Amalendu Sinha</i>	23-25
Industrialization in Different Districts of West Bengal: A Comparative Study of Burdwan District and West Bengal	<i>S. K. Samim Ferdows</i>	27-32
Genetic Algorithm based Trajectory Planning and Control of Multiple Mobile Robot Navigation	<i>Dayal Ramakrushna Parhi Jagadish Chandra Mohanta & Saroj Kumar Patel</i>	33-38
Neuro-fuzzy Controller for Prediction of Setting Load for Standing Support in Underground Mine	<i>D. R. Parhi, Sudhir Kumar Kashyap & Amalendu Sinha</i>	39-41
Cooperative Behavior of Multiple Mobile Robots by Using Swarm Intelligence Technique	<i>Dayal. R. Parhi, Ramu Inala & Jayanta Kumar Pothal</i>	43-50
An Effective PI Controller Self Tuning Technique for HVDC Links: A Hybridization by Blending of GA and ANN	<i>A. Srujana & S. V. Jayaram Kumar</i>	51-62