Table of Contents

SL. NO.	TITLE OF THE PAPER	NAME OF THE AUTHOR/S	PAGE NO.
1	Approximate Solution of Strongly Forced Nonlinear Vibrating Systems Which Vary With Time	 ¹ *Pinakee dey, ²Nasir Uddin, ³Md Asaduzzaman, ⁴ Sanjay kumar saha, ⁵M. A. Sattar 	1-11
2	Design and Comparison of PI and Back-Stepping Control for Single Phase Two-Stage Grid Connected PV System	 Syed Qaiser Ahmad Shah,²Khalid Mahmood, ³ Syed Shafiq Ahmad Shah, ⁴Mehr-e-Munir, ⁵Muhammad Aamir Aman 	12-28
3	On the Suitability of Peak Shape Method for the Analysis of Thermoluminescence in Different Models	¹ * Sk Azharuddin, B Ghosh, ² S Ghosh, ³ * P.S.Majumdar	29-38
4	Automatic Control of Hypnosis in Propofol Anesthesia Administration based on ISTSMC	¹ Muhammad Ilyas, ² Mehr-e-Munir, ³ Jehanzeb Khan, ⁴ Raja Ali Riaz	39-49
5	Kink and Periodic Solutions to the Jimbo-Miwa Equation and the Calogero-Bogoyavlenskii-Schiff Equation	¹ Md. Dulal Hossain, ² Ummey Kulsum, ³ Md. Khorshed Alam ⁴ M. Ali Akbar	50-66
6	Power Generation from Piezoelectric Footstep Technique	* ¹ Muhammad Aamir Aman, ² Hamza Umar Afridi, ³ Muhammad Zulqarnain Abbasi, ⁴ Akhtar Khan, ⁵ Muhammad Salman	67-72
7	Blockchain Based E-Stamp Procurement System with Efficient Consensus Mechanism and Fast Parallel Search	¹ Nikita Singh, * ² Manu Vardhan	73-89
8	Field Investigation of Modified Asphalt Mix in Pakistan	* ¹ Abdul Farhan, ² Nadeem Anwar Qureshi, ³ Arshad Hussain, ⁴ M. Bilal Khurshid, ⁵ Hassan Farooq Afridi	90-99
9	Investigation of Fouling and its Impact in Heat Exchangers	¹ Ashis kumar Dey, ² Partha Sarathi Das, ³ Smruti Ranjan Pradhan ⁴ Govind Sahu	100-111
10	Transmission Lines Monitoring from Satellite Images	¹ Abdullah Zain, ² Samad Baseer, ³ Mehr- e- Munir	112-121
11	Power Generator Automation, Monitoring and Protection System	¹ Muhammad Aamir Aman, ² Muhammad Zulqarnain Abbasi, ³ Akhtar Khan, ⁴ Waleed Jan, ⁵ Mehr-e-Munir	122-133
12	Noble methods to Prevent pounding between Adjacent Buildings	¹ Geetopriyo Roy, ² Pallab Das	134-146
13	Prevailing Pakistan's Energy Crises	* ¹ Muhammad Aamir Aman, ² Muhammad Zulqarnain Abbasi, ³ Hamza Umar Afridi, ⁴ Khushal Muhammad, ⁵ Mehr-e-Munir	147-154
14	Similarity Based Feature Weighting for Inter Domain Classification of Text	¹ Brindha. G.R, ² Santhi. B	155-172
15	Investigation of Self – Dithering Technique on MASH 1-1-1 and Third Order Error – Output Feedback Modulator	Muhammad Aamir Aman,Muhammad Zulqarnain Abbasi,Hamza Umar Afridi,Khushal Muhammad,Mehr-e- Munir,	173-188
16	An Improvised Recommendation System For Mobile Plans Using Similarity Fusion	¹ Neetu Singh, ² V.K Jain	189-197
17	Challenges been faced by Mobile Operators in Pakistan for transition from 2G to 3G & 4G Mobile Services	¹ Shahid Latif, ² Mehr-e-Munir	198-207
18	Accident prevention by detection of Drowsiness using Heart rate and body temperature sensing	¹ Paromita Das, ² Soumyendu Bhattacharjee, * ³ Biswarup Neogi	208-216