

Table of Contents
Vol. 19, No. 3, March 2024

SL. NO.	TITLE OF THE PAPER	NAME OF THE AUTHOR/S	PAGE NO.
1	PREDICTION OF CONCRETE MIXTURE DESIGN AND COMPRESSIVE STRENGTH THROUGH DATA ANALYSIS AND MACHINE LEARNING	Mohammad Hematibahar ¹ , Makhmud Kharun ²	1 – 21
2	SIZE-DEPENDENT VIBRATION ANALYSIS OF CRACKED MICRO BEAMS REINFORCED WITH FUNCTIONALLY GRADED BORON NITRIDE NANOTUBES IN COMPOSITE STRUCTURES	L. Anitha ¹ , J. Sudha ²	22 – 39
3	UWB TAPERED-SLOT PATCH ANTENNA WITH RECONFIGURABLE DUAL BAND-NOTCHES CHARACTERISTICS	Adham R. Azeez ¹ , Sadiq A. ² , Zaid A. Abdul Hassain ³ , Amer Abbood Al-behadili ⁴ Hind S. Ghazi ⁵ , Yaqeen S. Mezaal ⁶ , Ahmed A. Hashim ⁷ , Aqeel Ali Al-Hilali ⁸ , Kadhun Al-Majdi ⁹	40 – 50
4	OSCILLATORY BEHAVIOR OF SOLUTIONS OF FRACTIONAL MATRIX DIFFERENTIAL EQUATIONS	N. Sasikala ¹ , V Sadhasivam ²	51 – 64
5	INVESTIGATION ON PREDICTING FAMILY PLANNING AND WOMEN'S AND CHILDREN'S HEALTH EFFECTS ON BANGLADESH BY CONDUCTING AGE STRUCTURE POPULATION MODEL	Rezaul Karim ¹ , M. A. Bkar Pk ² , Md. Asaduzzaman ³ , Pinakee Dey ⁴ M. Ali Akbar ⁵	65 – 86
6	TWO PHASE SLIP FLOW OF BLOOD IN HEPATIC ARTERY WITH SPECIAL REFERENCE TO HEPATITIS B	Ruma Bagchi ¹ , Anup Kumar Karak ²	87 – 93