

## Table of Contents

| SL. NO. | TITLE OF THE PAPER                                                                                                                 | NAME OF THE AUTHOR/S                                                                                                       | PAGE NO.  |
|---------|------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------|-----------|
| 1       | ON A PROBLEM OF MOMENTS                                                                                                            | <sup>1</sup> Arvinda Banerjee, <sup>2</sup> Mihir B. Banerjee                                                              | 1175-1184 |
| 2       | GENERALIZED MAGNETOHYDRODYNAMIC COUETTE FLOW OF A BINARY MIXTURE OF VISCOUS FLUIDS THROUGH A HORIZONTAL CHANNEL UNDER SORET EFFECT | Animesh. Adhikari                                                                                                          | 1185-1196 |
| 3       | OME ASPECTS OF COMPACT FUZZY SETS                                                                                                  | <sup>1</sup> M. A. M. Talukder and <sup>2</sup> D. M. Ali                                                                  | 1197-1209 |
| 4       | A CIRCLE THEOREM IN THE SAMUELSON DOMAIN                                                                                           | <sup>1</sup> Mihir B. Banerjee, <sup>2</sup> J.R. Gupta, <sup>3</sup> R.G. Shandil and <sup>4</sup> Jyotirmoy Mukhopadhyay | 1210-1216 |
| 5       | NATURAL CONVECTIVE HEAT TRANSFER TRANSITORY FLOW IN PRESENCE OF INDUCED MAGNETIC FIELD                                             | <sup>1</sup> M. M. Haque*, <sup>2</sup> M. A. Islam, <sup>3</sup> M. S. Islam, <sup>4</sup> R. Mahjabin                    | 1217-1227 |
| 6       | WEATHER PREDICTION BY THE USE OF FUZZY LOGIC                                                                                       | <sup>1</sup> Sudipta Ghosh, <sup>2</sup> Arpan Dutta, <sup>3</sup> Suman Roy Chowdhury and <sup>4</sup> Gopal Pau          | 1228-1241 |
| 7       | NON-SIMILAR SOLUTION OF UNSTEADY THERMAL BOUNDARY LAYER EQUATION                                                                   | <sup>1</sup> Md. Saidul Islam, <sup>2</sup> Md. Hasanuzzaman, <sup>3</sup> M. A. K. Sazad and <sup>4</sup> M. A. Hakim     | 1242-1255 |
| 8       | FACIAL FEATURE EXTRACTION TECHNIQUES FOR FACE DETECTION: A REVIEW                                                                  | <sup>1</sup> Moumita Roy and <sup>2</sup> Madhura Datta                                                                    | 1256-1263 |