



**BRAINWARE UNIVERSITY**  
**SCHOOL OF COMPUTATIONAL & APPLIED SCIENCES**  
**DEPARTMENT OF MATHEMATICS**  
**Ph.D. in Science (Mathematics) - 2024**

| <b>Course Code</b> | <b>Course Name</b>                               | <b>L - T - P</b> | <b>Credit</b> | <b>Total Marks</b> |
|--------------------|--|------------------|---------------|--------------------|
| PHD – RM01         | Research Methodology                             | 4-0-0            | 4             | 100                |
| PHD – RPE01        | Research and Publication Ethics                  | 2-0-0            | 2             | 100                |
| PHD – MAT01        | A. Advanced Operations Research & Optimization   | 3-0-0            | 3             | 100                |
|                    | B. General Relativity and Compact Objects        |                  |               |                    |
| PHD – MAT81        | Subject based Case Study Report and Presentation | -                | 3             | 100                |
|                    | <b>Total</b>                                     | <b>9</b>         | <b>12</b>     | <b>400</b>         |