The Mrs. Parvathamal award recognizes the year's most outstanding female geology major. The endowed scholarship was established by Chemistry Professor Emeritus, Dr. B.S. Thyagarajan to honor the memory of his mother. This scholarship was established on a Mothers Day and Dr. Thyagarajan wanted this to be a geology award as it symbolizes a respect for Mother Earth.

The award goes to the undergraduate geology major with the best academic performance during the past year as determined by the geology scholarship committee. The award is to go to a female student as long as female students constitute a minority of the geology majors.