Future Engineers Scholarship 2017
Candidate’s Essay

- Completeness, neatness, and legibility of responses will be considered.
- Content must be typed or entered electronically on a separate sheet.
- Between 800 to 1,200 words.
- Please include your name.

Essay Question:

Engineering offers men and women an unparalleled opportunity to experience the satisfaction of improving our quality of life. As a result, engineering has had many positive aspects on our world – longer and healthier lives, global communications, ease of transit etc. Stephen Hawking recently noted that, improvements in science and technology also have the effect of threatening our society – nuclear war, genetically engineered viruses, global warming. He stated, “We are not going to stop making progress or reverse it, so we have to recognize the dangers and control them.” What role do engineers have in this recognition and control capacity? What do you see as the moral and ethical challenges and what would you do to balance them?

Assume that your reader is knowledgeable in engineering. The content, style, and originality of your essay will be important to the success of your scholarship application.

Your essay should be between 800 to 1,200 words. Include a bibliography, references, or illustrations, when appropriate, as part of the essay. (This will not be included in the final word count of the essay.)

Please type your essay on a separate sheet of paper.