NED University Journal of Research is a multidisciplinary journal which publishes papers from various engineering disciplines. Papers for each issue are selected so that uniform distribution of papers from different areas is ensured. However, there are topics which, at times, require immediate attention so that research on these could be disseminated in time; because of this, thematic issues have also been introduced by the Journal. The first issue on Energy is due in January 2012 and is under publication. The next issue would also be published in October 2012 on Earthquakes. The ‘Call for Papers’ for this issue has been circulated to researchers all over the world. One copy of this ‘Call for Papers’ is also included in the present issue and is available on our website.

This issue of NED University Journal of Research in hand brings together four original papers. These are selected from areas of Transportation Engineering, Mechanical Engineering, Electrical Power System Protection and Structural Engineering. It is hoped that these papers would be of interest to most readers. Discussion on these papers is open until 30 June 2011.