Volume 2, Issue 11, November 2011

By IJSER Editorial Board

IJSER is proud to announce the publication of the second volume and issue 11 for the year 2011 of the International Journal of Science & Engineering Research. This Journal provides a glimpse into a few of the many high quality research activities conducted by the talented researchers around the world. The Journal is a compilation of outstanding papers from numerous disciplines submitted by students, researchers and scientists who have been involved in research, scholarly, and creative activities. The papers are through with an enhanced skill set, including better problem solutions, critical thinking, and team-working skills. Since many researchers who are highly qualified in their region, support of academic and research has a direct and positive impact on the upcoming researchers. We would like to express our sincere thanks to all those scientists for choosing IJSER from the first volume of the Journal since year 2010 and making it to 2011 now. We would like to especially thank the editorial members of the IJSER team for their constant support over past 1 year and also a welcome to the new members joining the team. Many thanks to the paper review committee for their constant support in timely reviewing the papers to the best of their expertise knowledge. The support from prominent regional businesses and organizations is greatly appreciated and essential for the advancement of research and journal wellbeing. There is a wide range of paper submission all the way from technology to social science titles like "*Mitigation of Harmonics in Distribution System Using D - STATCOM*" by E.Rambabu, E.Praveena, Dr.P.V.Kishore explaining This paper deals with the performance, analysis of, operating principles of a new generation of power electronics based equipment called Distribution Static Compensator (D-STATCOM) aimed at enchancing the reliability, and quality of power flow in low voltage distribution network. The model is based on the Voltage Source Converter (VSC) principle. The D-STATCOM injects a current into the system to mitigate the voltage sags.LCL Passive Filter was then added to D-STATCOM to improve harmonic distortion and low power factor. The extended deep technical titles like "*Identifying weak subjects using association rule mining*" by Anuradha.Tadiparthi, Satya Prasad.R,

Tirumala Rao S.N covering the detail summary of Many educational institutions in India today are concentrating on identifying the weak students and the subjects in which those students are weak in the current semester for improving their student results. They are even appointing a faculty member as a counselor to identify the weak students and to know in which courses the student is weak. After identifying this, this information will be given to the faculty who is teaching those courses so that he/she can take a special interest on those students or even conduct special classes to those students. In this paper we propose that the data mining technique called association rule mining can be applied to identify the subjects in which the students are weak in the current semester using previous semester's results. .

To learn more, please visit http://www.ijser.org/. We would like to thank all the contributing authors for providing such a rich variety of outstanding research articles on a broad range of exciting topics. We also would like to thank Graphic Designer and web administration for designing the outstanding coverage and web maintenance of this volume of the Journal.

If you have any questions or comments about the Journal, or would like to receive a printed copy of the most recent volume of the Journal, please contact the Editor board from http://www.ijser.org/contact-us.aspx. The Journal is available online, please visit the following website: http://www.ijser.org/.

Enjoy!
The Editorial Board