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By IJSER Editorial Board

IJSER is happy to announce the publication of the volume 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 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 “*Design of Low-Power CMOS Cell Structures Using Subthreshold Conduction Region*” by Vishal Sharma, Sanjay Kumar detailing Subthreshold (leakage or cut-off) currents are a necessary evil in traditional VLSI design methodologies. These currents increase exponentially as threshold voltage scales, creating a serious problem for traditional design approaches. This work is based on the exclusive use of subthreshold conduction currents to perform circuit operations, turning this problem into an opportunity. The extended deep technical titles like “*An Efficient Modeling Technique for Heart Sounds and Murmurs*” by Kiran Kumari Patil, Dr.B.S Nagabhushan, Dr. Vijaya Kumar B.P. giving details as Cardiac auscultation is highly subjective and a cognitive process and the amount information that can be obtained by listening heart sounds largely depends on the expertise, experience and acuity of the ear of

the physician. In general, the classification and interpretation of heart sounds and murmurs is based on a adjective 0-6/6 grade scale and described by using "faint", "soft", "loud", " high pitch", "clear", "thrill", "tremor", "musical" and others terms. These terms are not well-defined and suitable mathematical models are not available.

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

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