



## Volume 2, Issue 6, June 2011

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**By IJSER Editorial Board**

IJSER is proud to announce the publication of the volume 2 and issue 6 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 “*A Fuzzy Inference System for Synergy Estimation of Simultaneous Emotion Dynamics in Agents*” by Atifa Athar, M. Saleem Khan, Khalil Ahmed, Aiesha Ahmed, Nida Anwa discussing that emotions manifest the information processing mechanism of human mind that infers the synergic effect of simultaneous emotions to achieve focused communication and decision making and extended to the deep technical titles like “*Performance Analysis of Backoff Algorithm in IEEE 802.11 Network*” by Sakshi Suhane, Dr. Sanjeev Sharma, Prof. Varsha Sharma detailing The primary Medium Access Control (MAC) technique of IEEE 802.11 is called Distributed Coordination Function (DCF). This protocol adopts a Carrier Sense Multiple Access with Collision Avoidance (CSMA/CA) with a binary exponential backoff (BEB)

algorithm to access the channel. The protocol performance mainly depends on backoff procedure which reduces the probability of collision.

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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