

Preface

In view of latest developments in Green Energy and Vehicle Technology, it becomes the need of the time for the industries, researchers and academicians to meet and share knowledge and ideas. This **National Conference on Evolution of Green Energy & Vehicle Technology (NCEGEVT2K15)** is focussed to explore the recent developments of green energy in transport, industry and power sectors and also to create a platform for initiating further developments in the field of green energy. Conducting this conference would be most appropriate for the entire world as all the countries are in effective progress to achieve sustainable energy and environment

This conference also aims to find a methodology to create awareness in increasing the utilization of green energy in all the sectors. It is also focussed to bring the progress of advanced engineering and intelligent systems in automotive vehicle to meet the international standards with customer safety and satisfaction. This conference is devoted to bring the experts from renowned institutions and automotive industries, scientists and researchers in the field of energy and automotive technology to discuss the regional, national and international issues and develop a feasible practical plan for effective speedy growth in achieving sustainable energy and environment for the future

The conference was attended by more than 40 participants from different states. Among the 40 manuscripts received, after peer review 22 papers were provisionally accepted and orally presented in five different sessions of the conference. Out of these 20 papers are included in the proceedings.

I would like to extend my utmost gratitude to the advisory committee members for their advice and the technical committee members for reviewing the technical contents of the articles submitted by various authors. I would also like to thank the sponsors of this conference who helped to organize the conference successfully. My sincere thank to Transtech publications for their effort and involvement in bringing this proceedings. I thank Mr.K.Pauldurai and Mr.S.Muniraj, faculty of department of automobile engineering, Sri Venkateswara College of Engineering for their help in editing the proceedings. I wish to thank the coordinators, co-coordinators, members of the organising committee and supporting staff of the automobile engineering department for their whole hearted involvement in the works related to NCEGEVT2k15. We are indebted to the administrative staff, facilities providers and those who were involved, directly and indirectly, in the NCEGEVT2k15 related works.

I take this opportunity to than the management of Sri Venkateswara College of Engineering for the support extended, without which the NCEGEVT2k15 wouldn't have been possible.

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