Preface

The third National Conference on Computer Vision, Pattern Recognition, Image Processing and Graphics (NCVPRIPG) which is being held at Hubli, Karnataka is organized by the B.V. Bhoomaraddi College of Engineering and Technology (BVBCET) in association with the Indian Unit for Pattern Recognition and Artificial Intelligence (IUPRAI), an affiliate of the International Association for Pattern Recognition (IAPR). The primary goal of NCVPRIPG is to bring together researchers working in the broad areas of Computer Vision, Graphics, Image Processing, Pattern Recognition and related fields to promote community-wide discussion of ideas that will influence and foster continued research in these fields. The NCVPRIPG family of conferences has evolved from national-level workshops and is held every alternate year since 2004 while the much-acclaimed Indian Conference on Vision, Graphics and Image Processing (ICVGIP) is being organized since 1998.

This conference has received 108 papers from all over India and we must thank the contributors who have considered NCVPRIPG 2011 to be an important event in which they could showcase their research works. After a thorough review process we have selected 46 papers for oral presentation and 14 papers for poster presentation. The program of the conference includes oral and poster presentation sessions. The two plenary keynotes are presented by Anup Basu and Irene Cheng of the University of Alberta, Canada. We are grateful to them for having agreed to present two interesting keynote talks.

Besides, we also have a number of invited talks by eminent researchers in their respective fields. One of the major highlights of this year’s program is a session dedicated for research fellows to present their research work. The Ph.D dissertation abstract presentation session will give an opportunity to the research scholars to present and discuss their work with the experts. The proceedings of the conference are published by IEEE Conference Publishing Services (CPS) and will be available digitally through IEEE Xplore. We would like to thank Bob and Andrea of IEEE CPS, and Gaurav Harit, publication chair, for their untiring efforts to give shape to the NCVPRIPG 2011 proceedings.

Excellence of a conference program depends much on the selection of papers. The support from the program committee and the additional reviewers is very crucial in the selection process. We are fortunate to have a group of diligent program committee members and reviewers without whose active support we could not have designed such an enriching program. We must also acknowledge the support of dynamic advisory committee members in having lent their valuable suggestions and guidance. We thank the session chairs for readily agreeing to our proposal to chair the sessions. We express our gratitude to Prem Kumar Kalra, general chair and Ashok Shettar, convener of the conference for their support and guidance. We thank the tutorial chair C.V. Jawahar for his wonderful work. We also thank the sponsors of the conference for their support. We acknowledge B.L. Desai and R.M. Banakar, organizing co-chairs and the organizing committee which is putting in its best effort in creating a powerful knowledge network.

NCVPRIPG 2011 is yet another step forward in making a stronger research community in the areas of computer vision, pattern recognition, image processing and graphics. We shall consider our efforts to be satisfying if you all can take back enriched experiences from the conference.

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NCVPRIPG 2011