

24th – 25th January, 2013 (Thursday - Friday)



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Smt. S. R. PATEL
ENGINEERING COLLEGE

NCIET—2013

Conference Report

A two days National Conference on Innovative & Emerging Technologies, NCIET-2013 was organized on 24th & 25th January, 2013 in the campus by Smt. S. R. Patel Engineering College, Dabhi - Unjha.

Different technical research papers were invited under four different tracks of Civil Engineering, Mechanical Engineering, Computer Engineering/ Information Technology and Electronics & Communication Engineering. The primary goal of the conference was to bring together the nationwide leading



Inauguration of NCIET 2013 in presence of invited dignitaries

researchers, engineers and academicians interested together to exchange their innovative ideas in the fields of technology for futuristic development and human welfare. The conference was organized in association with Gujarat Council of Science & Technology (GUJCOST), Gandhinagar, Government of Gujarat and was supported by The Institution of Electronics & Telecommunication Engineers (IETE) and Indian Society for Technical Education (ISTE). Mr. Rameshbhai H. Patel and Mr. Kalpesh R. Patel, the Chairman and Vice-Chairman of Smt. S. R. Patel Charitable Trust were the main patrons of the conference. The event was formally inaugurated by the Chief Guest, Mr. Apurva N. Parikh, Director of Multimedia Consultants Private Limited, Ahmedabad in the presence of Mr. Rameshbhai H. Patel, Chairman, Smt. S. R. Patel Engineering College (SRPEC), Dr. Ami H. Shah, Pricipal-SRPEC & Convener-NCIET 2013, Prof. Ramesh Mevada, Coordinator and Prof. Piyush M. Patel, Co-coordinator of NCIET-2013 on the morning of 24th January, 2013.

Dr. Ami H. Shah, Convener & Principal, greeted all the guests and participants of the conference with her welcome message. The Chief guest of inauguration ceremony, Mr. Apurva Parikh appreciated and encouraged the maiden effort of the college in organizing the National Conference. He stressed that innovation is the requirement of this era, but it must be in harmony with the environment and nature. Prof. Ramesh Mevada, coordinator of conference provided an instructional message to the participants.

The conference received a tremendous response from different institutes of academia and industries. About 210 technical and research papers were received from active researchers and scholars in academia and industries. Out of which 28 papers



Expert talk by key note speaker and paper presentation by a participant during NCIET 2013

were received from out side Gujarat. After proper review of the papers by eminent reviewers 138 papers were selected for conference presentation. The topics of the presented work was comprising of latest and state of the art issues of engineering and technology like computational fluid dynamics, seismic response, cloud computing and image processing etc. There were total 84 participants under student category and 21 entries under professional category. Two of the participants were from industries.

Apart from the paper presentation, expert talks were presented by key-note

speakers in all the four tracks, before the starting of sessions on both the days. Well known academicians and researchers were specially invited for the same. A panel of session chairs and jury members was formed with distinguished personalities of the respective field. All the key-note speakers, session chairs and jury members were associated with various NITs in and outside Gujarat, Government engineering colleges, well known engineering colleges and Universities.

A special heritage visit tour and gala dinner was organized during the evening of 24th January, 2013 for the conference participants, special guests and college staff. All enjoyed the evening thoroughly.

On the evening of 25th January, 2013 the valedictory function was organized during which the winners of various categories were awarded. During the function Dr. M. N. Patel, Director GTU, and Principal of L. D. College of Engineering, Ahmedabad was present as the chief Guest. Dr. Narottam Sahoo, Advisor of GUJCOST, Gandhinagar honored the event as special invitee, while Mr. Satyendra Kumar Gupta, Asset Manager of ONGC– Mehsana Asset, was present as guest of honor. Along with the guests the Chairman and Principal of SRPEC, Coordinator and Co-coordinator of NCIET 2013 were also present during valedictory.

Principal and Convener of the event congratulated the participants for their successful presentation in the conference through her message.



Awards handed over by the Chief Guest Dr. M. N. Patel, Director GTU and Dr. Narottam Sahoo, Advisor GUJCOST during valedictory function of NCIET 2013

Guest of honor, Mr. Satyendra Gupta, stressed that more innovation is required in the field of oil and petroleum and he was quite hopeful by the efforts put by the young generation of engineers. Dr. Narrottam Sahoo, encouraged the institute for organizing the event in such a grand level and motivated the participants for coming up with new ideas in all the various fields of technology in order to bring development for masses. He assured that GUJCOST and DST will provide every possible support to such innovators and institutes who go for research in the field of technology.

The chief guest, Dr. M. N. Patel, expressed his best wishes to the participants and the winners. He inspired others to put their best effort to come up with some new ideas in order to achieve the winner awards in future.

Finally awards were given to the participants by chief guest, chairman and other invited dignitaries. In student category two papers were awarded as best with prize of Rs. 8,000/- and second best with prize amount of Rs. 5,000/- in each track. Similarly track wise one best paper was awarded with prize amount of Rs. 5,000/- under professional category. One over all best paper was awarded with Futuristic Scientist Award of Rs. 10,000/-. Some of the participants provided their feedback and appreciated the efforts put by the institute. All the participants collectively suggested to organize an **International Conference** in the coming year.

Track	Award	Name	Organization	Amount (Rs.)
Over All	Best Paper	U. A. Viroja	S. V. I. T., Vasad	10,000/-
	Student 1 st	P. M. Bhatt	R. K. University of Engg., Rajkot	8,000/-
Mechanical Engineering	Student 2 nd	P. L. Parmar	B. V. M., Vallabh Vidyanagar	5,000/-
	Professional	Ashok H. Sapariya	S. N. P. I. T. R., Umrakh	5,000/-
Civil Engineering	Student 1 st	U. A. Viroja	S. V. I. T., Vasad	8,000/-
	Student 2 nd	K. C. Varmora	L. D. College of Engg., Ahmedabad	5,000/-
Computer & IT Engineering	Professional	R. P. Shrivastava	Parul Institute of Technology	5,000/-
	Student 1 st	Harshad Chaudhary	U. V. Patel Engg. College., Kherva	8,000/-
E&C Engineering	Student 2 nd	Karshan Kandoriya	L. D. College of Engg., Ahmedabad	5,000/-
	Professional	Aniruddh Mali	I. P. R. Bhatt, Gandhinagar	5,000/-
E&C Engineering	Student 1 st	Mr. Nilay A. Desai	Sarvajani College of Engg. & Technology	8,000/-
	Student 2 nd	Prapti R. Pandya	L. J. Inst. Of Technology, Ahmedabad	5,000/-
	Professional	Ashish M. Khotari	Shree. J. J. Tiberwala University, Rajasthan	5,000/-