

CHHOTUBHAI GOPALBHAI PATEL INSTITUTE OF TECHNOLOGY

Department of Electronics and Communication (EC) & Computer

Engineering and Information Technology (CE/ IT)

A REPORT

ON

One day Workshop on “Scope of Research in Image Processing and Soft Computing”

Title of the Workshop	Scope of Research in Image Processing and Soft Computing
Organizing Department	Department of Electronics and Communication (EC) , Computer Engineering and Information Technology (CE/ IT)
Chief Patron	Dr. D.R. Shah, Provost, UTU
Patron	Dr. N. C. Shah, Director, CGPIT
Head of Departments	Mr. Devendra Thakor, CE & IT, CGPIT Mr. Rakesh Gajre, EC, CGPIT
Coordinators	Ms. Krupali Umaria Ms. Tarunika Chaudhari
Organising Committee	Mr. Jayesh munjani Mr. Hiren Galiyawala Mr. Naitik Nakrani Ms. Rachna Patel Ms. Kinjal Mistree
Target Audience	Faculty members of academia, PG students and research scholars
Total Number of Participants	170
Date of Programme	18/01/2016
Invited Speaker	Dr. Mukesh Zaveri, Associate Professor, SVNIT, Surat Dr. Narendra M. Patel, Associate Professor, BVM, Vallabh Vidyanagar. Dr. Tanish Zaveri, Associate Professor, Nirma University, Ahmedabad

Schedule:

Sr. No.	Time	Description
1	09:00 AM - 10:00 AM	Registration and Breakfast
2	10:00 AM - 10:45 AM	Inaugural & Keynote Address
Session-1		
3	10:45 AM - 12:15PM	Rough Set Theory and Its Application
4	12:15PM - 01:15 PM	Lunch Break
Session-2		
5	1:15PM - 02:45PM	Application of Image Processing and Video Processing, "Video abstraction" and "Automatic Categorization and Retrieval of Video Songs using Prominent Features of Audio and Video Analysis from Movies"
6	02:45 PM - 03:00 PM	Tea Break
Session-3		
7	03:00 PM - 04:30 PM	Recent Trends in Image and Video Processing
8	04:30 PM - 05:00 PM	Valedictory Function

Details of the Workshop:

Preamble:

Department of Electronics and communication (EC) & Computer Engineering & Information Technology (CE/IT) of CGPIT has jointly organized one day workshop on "Scope of Research in Image Processing and Soft Computing (SRIPSC) " sponsored by Uka Tarsadia University. Total 170 participants participated in this workshop which includes faculties, research scholars, and M.Tech students from different colleges of Gujarat. There were 69 faculties and 101 students from different colleges like GIDC degree engineering college Navsari, Wadia Womens College, VIEAT (Kim), C.K.Pithawala College of engineering, SSASIT (Surat), and SSRICT (Baroda).

The workshop was started by UTU song followed by lamp lighting and prayer to seek the blessings of almighty. As per tradition of CGPIT, all the dignitaries were given a warm welcome and were felicitated to express respect and gratitude towards them for devoting their valuable time and gracing the workshop. The dignitaries that graced the inauguration ceremony of workshop were Dr. N. C. Shah (Director, CGPIT), Dr. R. Krishnamurthy (Director, CGBIBT), Dr. S. A. Channiwala (SVNIT, Surat) and head of all the departments of CGPIT. Along with the dignitaries, our experts were also felicitated by the coordinators of the workshop.

Ms. Dhara Marwadi gave a brief introduction about the SRIPSC on which the workshop was focused. She introduced the experts and expressed her views about the importance of workshop.

The Honourable Director of CGPIT, Dr. N.C. Shah gave the welcome speech. He motivated the students and faculties for participating in technical events like short term training program, workshop, expert talk, etc. He also congratulated the EC & CE/IT department for organizing such workshop. He also appreciated the efforts made by EC & CE/IT department with the great coordination. Our chief guest Dr. Salim A. Channiwala shared his knowledge about renewable energy by taking trending example of flood took place in Chennai. Dr. Chinmay K. Desai, Head of Department (Mechanical and Automobile Engineering) gave brief introduction about the workshop. Mr. Ankur Rana gave the vote of thanks.

Session Detail:

Session 1: Rough Set Theory and Its Application

Session 2: Application of Image Processing and Video Processing, “Video abstraction” and “Automatic Categorization and Retrieval of Video Songs using Prominent Features of Audio and Video Analysis from Movies”

Session 3: Recent Trends in Image and Video Processing

- **Rough Set Theory and Its Application**

In this session, Dr. Mukesh Zaveri gave detailed knowledge about fuzzy logic and rough set theory and their application areas. He also gave detailed information about techniques of face recognition.

- **Application of Image Processing and Video Processing**

In this session, Dr. Narendra M. Patel gave brief introduction about image processing applications like crack detection, text detection, and video abstraction by giving example of live football/cricket match. He also brief us about the Excitement Frame detection, replay detection, File view detection, Field view detection, Event detection, Lip detection.

- **Recent Trends in Image and Video Processing**

In this session, Dr. Tanish Zaveri gave many real time examples of image and video processing, which showed various techniques used these days in the field of image and video processing.

Valedictory Function

Moving towards the end of the workshop, as a token of love and gratitude a memento was presented to Dr. Narendra Patel by Mr. Devendra Thakor and Ms. Tarunika Chaudhari and to Dr. Tanish Zaveri by Mr. Rakesh Gajare and Ms. Krupali Umaria. After workshop feedback was collected from the participants of the workshop which included students as well as faculties. The feedback was positive and everyone was satisfied with the contents delivered. Ms. Krupali Umaria delivered vote of thanks. The function concluded with the certificate distribution.

Glimpse of the workshop:



The Venue



Registration Desk



High Tea



Dignitaries on the dais



Inauguration Ceremony



Welcoming Dignitaries



Speech by Dignitaries



Vote of thanks



Memento presented to chief guest



Technical Sessions



Valedictory Function



Organizing Committee

Press note of the Workshop:



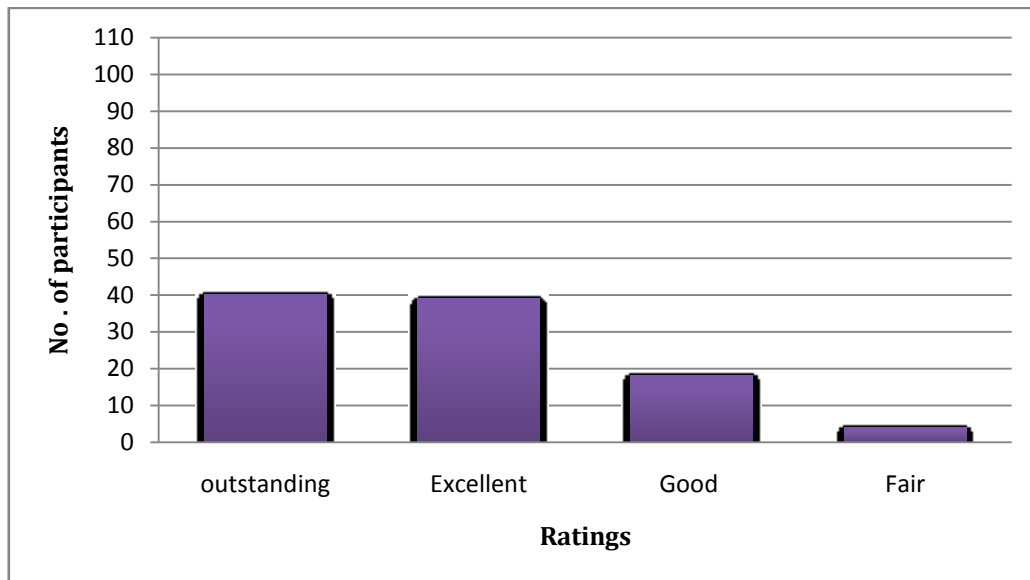
Committee members of the Workshop:

Committee	Mentor	Members
Food	Mr. Nilay Desai	Mr. Sharad Fadadu Mr. Jemish Maisuria Mr. Jenish Lavji Ms. Dhara Desai
Registration and Purchase	Mr. Naitik Nakrani	Mr. Mayank Kapadia Mr. Dharam Shah Ms. Shraddha Kothiya Ms. Himani Parekh Mr. Ankit Adesara
Publicity and Campaigning	Mr. Hiren Galiyawala	Mr. Chintan Desai Ms. Dhara Marwadi Mr. Vishvajit Bakrola Ms. Jitisha Patel
Report Writing and Press Note Release	Mr. Jayesh Munjani	Ms. Chandni Naik Ms. Mithila Sompura
Photography	Ms. Kinjal Mistree	Mr. Achyut Patel Elements (Ketan Tank, Student)
Discipline	Mr. Fenil Khatiwala	Mr. Vishvajit Bakrola Mr. Mihir Patel Ms. Dhara Marwadi Mr. Ajay Singh
Hosting and Stage Decoration	Ms. Rachna Patel	Ms. Nancy Rawal Ms. Supriya Pati Mr. Nikunj Tahilramani Ms. Zalak Vyas

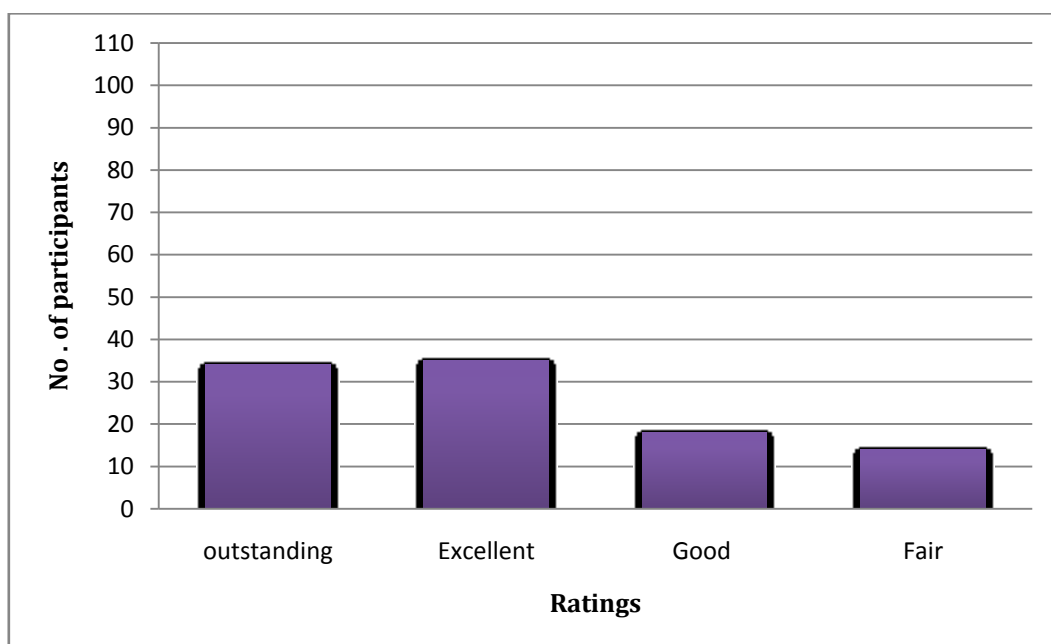
Feedback Analysis:

Online feedback was collected from the participants in last session of the workshop. The overall feedback of the workshop was very positive. Here are some of the feedbacks, which were given by participants.

1) How was the venue arrangement and amenities?

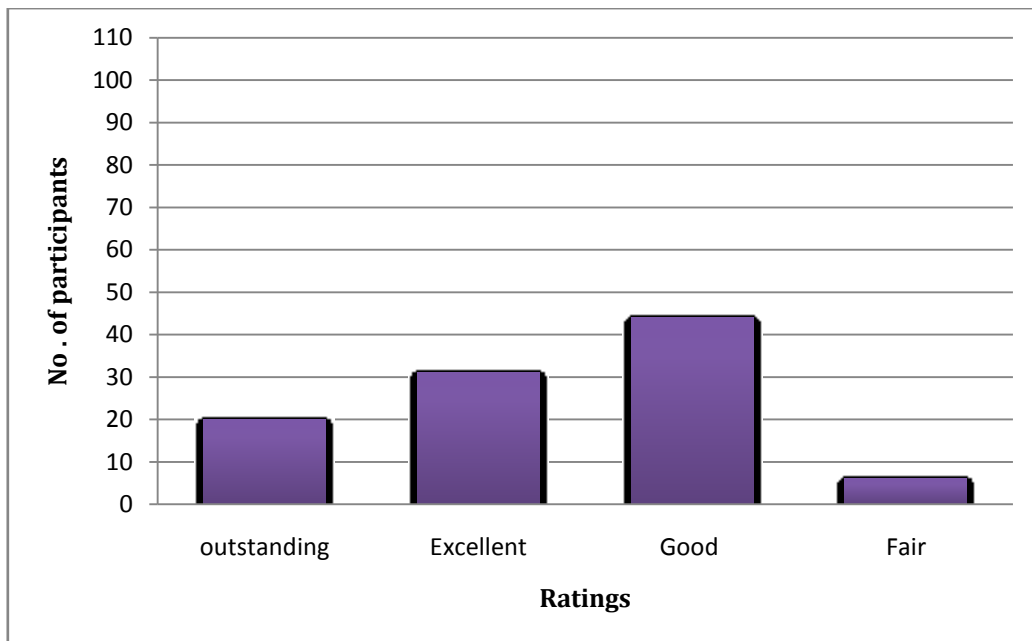


2) How was the registration process?

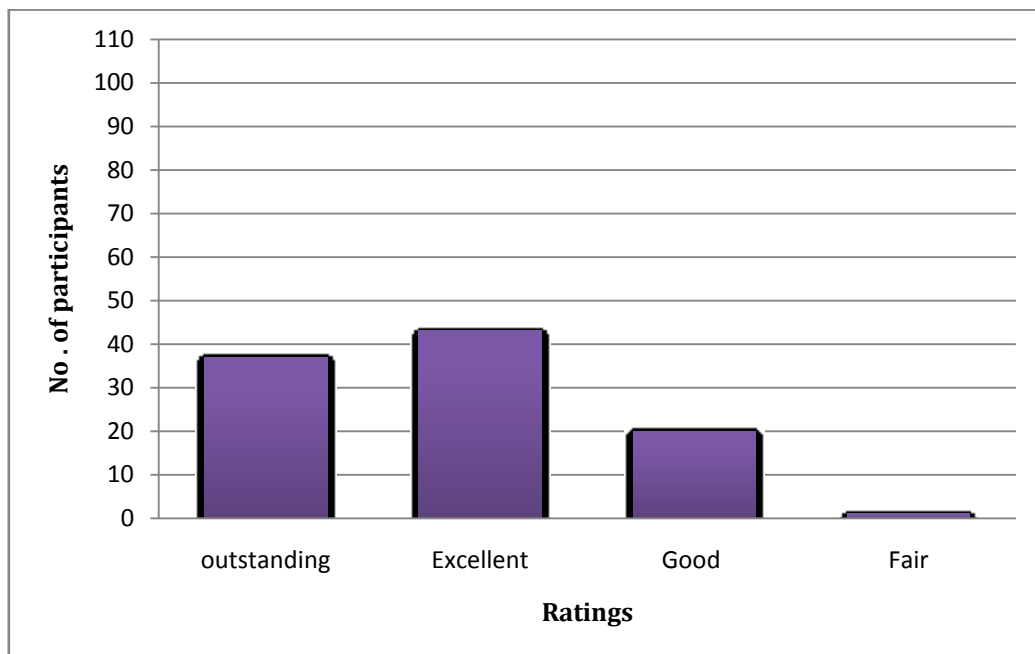


3) Are the sessions are interactive?

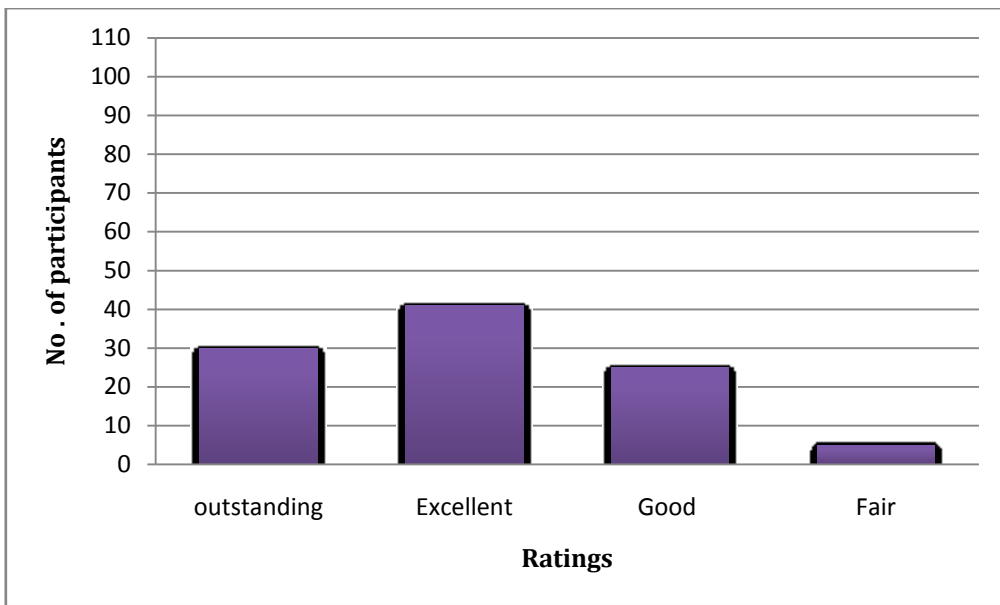
For Session 1:



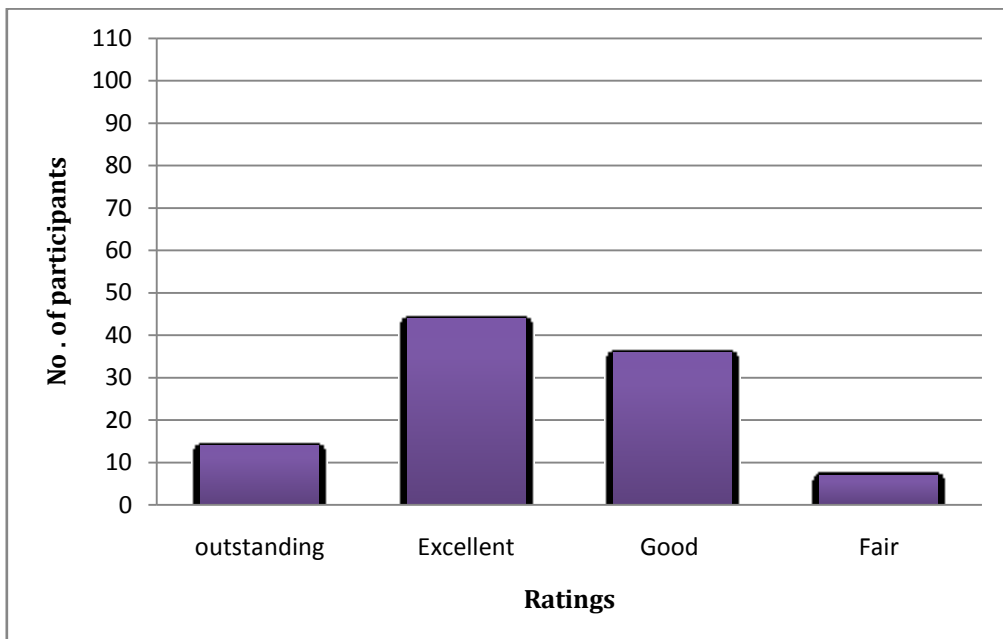
For Session 2:



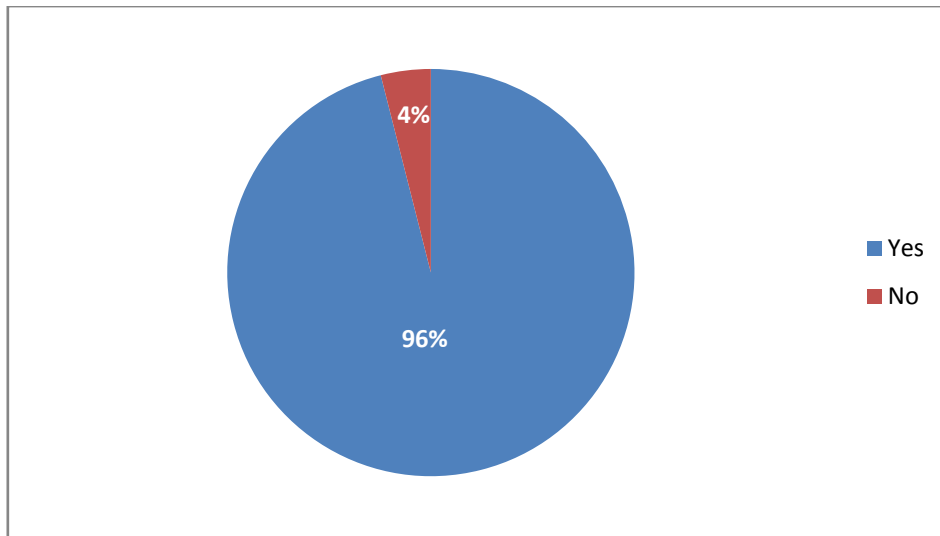
For Session 3:



4) Overall experience of the workshop



5) Would you like to attend such workshop in future?



6) Would you like to recommend this workshop to others?

