



**ARHAM VEERAYATAN INSTITUTE  
OF ENGINEERING, TECHNOLOGY & RESEARCH**  
Haripar (Mota Asambia), Bhuj – Mandvi road, Mandvi Tal. Kutch  
(Gujarat)

**A BRIEF FEEDBACK WORKSHOP REPORT ON ON DSP AND IMAGE PROCESSING**

**DEPARTMENT: ELECTRONICS & COMMUNICATION**

**Date: 27/07/2013 to 28/07/2013**

**Duration: 2 days**

**Venue: Seminar Hall and Computer Lab, AVIETR**

**Target Audience: All the students of EC**

**No. of Audience Present: 55**

**Submitted by: Prof Nirav Rathod**

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**I. BACKGROUND INFORMATION**

*International Research and Development Center (IRDC) conducted a two day workshop on 'DSP and Image Processing' during 27th-28th July, 2013 hosted by the Department of Electronics and Communication Engineering. Around 55 students and seven faculty members had attended the workshop.*

**II. SCHEDULE OF EVENTS**

**Day-1:**

- **1 hour interactive presentation on 'Research and Innovation: Advanced Technologies and Applications'**
- **Next 1 hour Interactive presentation on Data Analysis and Data Representation: DFT, KL-Transform (PCA), Wavelets**
- **Next 4 hours Hands-on/Project development by participants in individual or group on Speech Recognition and Face Recognition in MATLAB**

**Day-2:**

- 3 hours Hands-on/development on Advanced Classifiers Implementation- Neural Network, SVM by participants in individual or groups
- Next 2 hours advance features were explained and practiced
- 1 hour Quiz competition

**III. DETAILS OF INSTRUCTOR**

- Prof Chandrashekhar Padole  
Director, IRDC

**IV. COMMENTS ON THE CONDUCT OF EVENTS**

*During the entire industrial visit, the organization was found to be very cooperative in every walk of its administrative and managerial aspects. The students acquired knowledge based on Networking & Mobile Communication. The students asked several questions and all the experts were happy to satisfy their queries. This visit was full of excitement and enthusiasm.*

**V. BENEFITS AND RECOMMENDATIONS**

*The primary objective of the workshop was to make aware the students about DSP and Image Processing so that it may find useful to their academic project development. All were of opinion that this kind of workshop arrangement on different subjects more in future, would be very useful to students to learn and develop the academic projects in more effective manner.*



**(GLIMPS OF WORKSHOP)**