



Academic Session 2021-22 (ODD)

Course End Survey Report

Date: 16/03/2022

Class: 1st Year / 1st Semester

Class Incharge: Dr. Trupti Nagrare

No. of Participants involved in Feedback:

3

Q. No.	Question	% Response
Advanced Digital Signal Processing (TH)		
Q.1.	Rate your ability to use the fundamental aspects of digital signal processing to perform various signal processing operations?	86.67%
Q.2.	Rate your ability to perform comparative analysis of different filters used in digital signal processing?	86.67%
Q.3.	Rate your ability for selecting appropriate filter to address problems associated with digital signal processing applications?	86.67%
Q.4.	Rate your ability to perform analysis of various signals for the power distribution?	86.67%
Q.5.	Rate your ability to estimate power spectrum of various signals?	86.67%
Q.6.	Rate your level of understanding of multirate signal processing?	93.33%
Q.7.	Rate your ability to use concept of multirate signal processing to enhance the efficiency of various signal processing operations?	86.67%
Q.8.	Rate your ability to design various digital signal processing applications?	93.33%
Q.9.	Rate your ability to develop various digital signal processing applications to solve socio-economic problems?	86.67%
Q.10.	Did the subject make you comforted to understand the advancement in digital signal processing?	86.67%
Average Feedback		88.00%
Advanced Digital Communication (TH)		
Q.1.	Rate your ability to apply the knowledge of baseband data transmission.	93.33%
Q.2.	Rate your ability to apply various multiple access techniques for wireless communication.	86.67%
Q.3.	Rate your ability to compare various multiplexing technique used in digital communication for improving system capacity.	93.33%
Q.4.	Rate your ability to choose multiplexing technique used in digital communication for improving system capacity?	86.67%
Q.5.	Rate your ability to analyze and use the concepts of fading in communication system?	86.67%
Q.6.	Rate your ability to analyze and use the concepts of channel coding in communication system.	86.67%
Q.7.	Rate your ability to understand the concepts of spread spectrum in digital communication.	86.67%
Q.8.	Rate your ability to design various elements of digital communication system ?	93.33%
Q.9.	To what extent are you able to develop different applications of digital communication system addressing industry needs.	86.67%
Q.10.	Did the subject make you comforted to understand the fundamentals of advanced digital communication?	86.67%
Average Feedback		88.67%

CMOS-VLSI (TH)		
Q.1.	Rate your understanding about the process of fabrication of IC technology?	86.67%
Q.2.	Rate your ability to apply transistor logic to design various logic circuits?	86.67%
Q.3.	Rate your ability to apply CMOS logic to design various logic circuits used in development of Integrated Chips?	86.67%
Q.4.	Rate your ability to analyze the various characteristics of CMOS devices?	86.67%
Q.5.	Rate your ability to understand the different types of power dissipation?	86.67%
Q.6.	Rate your ability to estimate the Performance Estimation of CMOS device?	86.67%
Q.7.	Rate your ability to analyze the Circuit characterization and Performance Estimation of CMOS device?	86.67%
Q.8.	Rate your ability to represent the stick diagram of CMOS logic ?	86.67%
Q.9.	To what extent are you able to Build the Layout of MOS circuit using Lambda based design rule	86.67%
Q.10.	Did the subject make you comforted to understand the basics of CMOS VLSI Design?	86.67%
Average Feedback		86.67%
Program Elective-I: Digital Image Processing (TH)		
Q.1.	Rate your understanding about image representation.	86.67%
Q.2.	To what extent are you able to calculate histogram of an image?	86.67%
Q.3.	Rate your ability to apply enhancement techniques to enhance the quality of image?	86.67%
Q.4.	Did the subject make you understand the different color models of color image?	86.67%
Q.5.	Rate your ability to apply enhancement techniques to enhance the quality of color image.	80.00%
Q.6.	Did the subject make you understand the different image segmentation techniques?	86.67%
Q.7.	Rate your ability to apply different transform on a given image?	80.00%
Q.8.	Did the subject make you understand the different image compression techniques?	86.67%
Q.9.	Rate your ability to compress given image by applying any compression technique.	86.67%
Q.10.	Did the subject make you comforted to understand the basics of Digital Image Processing?	86.67%
Average Feedback		85.33%
Program Elective –II: Pattern Recognition (TH)		
Q.1.	Do the you have knowledge of fundamental concepts of pattern recognition?	86.67%
Q.2.	Whether you are able to use fundamental concepts of pattern recognition in its approaches?	86.67%
Q.3.	Whether you are able to use the Bayesian decision theory concept in research applications.	86.67%
Q.4.	Are you able to apply the principles of maximum likelihood in real world applications?	86.67%
Q.5.	Are you able to identify the various parametric and non-parametric techniques?	86.67%
Q.6.	Whether you are able to apply the knowledge of parametric and non-parametric techniques for the feature estimation?	86.67%
Q.7.	Are you having in-depth knowledge of classifiers and clustering approaches?	86.67%
Q.8.	Whether you are able to use concept to apply the knowledge of unsupervised algorithms in clustering and classifiers?	86.67%
Q.9.	Can you design various application of pattern recognition in research work?	86.67%
Q.10.	Whether you are able to develop the various application using the techniques in supervised and unsupervised algorithms?	86.67%
Average Feedback		86.67%

Advanced Digital Signal Processing (Laboratory-I)		
Q.1.	Rate your ability to demonstrate knowledge of static analysis on various signals?	86.67%
Q.2.	Rate your ability to demonstrate knowledge of parametric analysis on various signals?	86.67%
Q.3.	Rate your level of understanding of DSP processors to propose solutions to real world problems?	86.67%
Q.4.	Rate your ability to design filters as per requirements of digital signal processing applications?	86.67%
Q.5.	Rate your ability to design and develop digital signal processing applications using code composer studio?	86.67%
Q.6.	Did this practical make you comforted to understand basics of DSP Processor and CC studio?	86.67%
Average Feedback		86.67%
Advanced Digital Communication (Laboratory-II)		
Q.1.	Rate your ability to do analysis of various properties of multi carrier techniques?	86.67%
Q.2.	Rate your ability to analyze properties of basic modulation techniques?	86.67%
Q.3.	Rate your ability to apply different types of coding techniques to design the optimum receiver for channels with AWGN?	86.67%
Q.4.	Rate your ability to apply the knowledge of different types of coding techniques?	86.67%
Q.5.	Rate your ability to design and develop different types of equalizer to improve performance of various applications?	86.67%
Q.6.	Rate your ability to design and develop different types of application using various coding techniques to improve its performance?	86.67%
Average Feedback		86.67%

STUDENT SATISFACTION SURVEY

PART-A Teaching Learning Process		
Q.1.	How much of the syllabus was covered in the class?	91.67%
Q.2.	How well did the teachers prepare for the classes?	83.33%
Q.3.	How well were the teachers able to communicate?	100.00%
Q.4.	The teacher's approach to teaching can best be described as	91.67%
Q.5.	Fairness of the internal evaluation process by the teachers.	100.00%
Q.6.	Was your performance in assignments discussed with you?	91.67%
Q.7.	The institute takes active interest in promoting internship opportunities for students	91.67%
Q.8.	The teaching and mentoring process in your institution facilitates you in cognitive, social and emotional growth.	91.67%
Q.9.	The institution provides multiple opportunities to learn and grow	83.33%
Q.10.	Teachers inform you about your expected competencies, course outcomes and programme outcomes and review the course syllabus in the class.	91.67%
Q.11.	Your mentor does a necessary follow-up with an assigned task to you.	91.67%
Q.12.	The teachers illustrate the concepts through examples and applications.	100.00%
Q.13.	The teachers identify your strengths and encourage you with providing right level of challenges.	91.67%
Q.14.	Teachers are able to identify your weaknesses and help you to overcome them.	100.00%
Q.15.	The institution makes effort to engage students in the monitoring, review and continuous quality improvement of the teaching learning process.	83.33%
Q.16.	The institute/ teachers use student centric methods, such as experiential learning, participative learning and problem solving methodologies for enhancing learning experiences.	83.33%
Q.17.	Teachers encourage you to participate in extracurricular activities.	83.33%
Q.18.	Efforts are made by the institute/ teachers to inculcate soft skills, life skills and employability skills to make you ready for the world of work.	83.33%

Q.19.	What percentage of teachers uses ICT tools such as PPTs, Multimedia, animations, etc. while teaching.	91.67%
Q.20.	The overall quality of teaching-learning process in your institute is very good.	83.33%
Average Feedback		89.17%

STUDENT SATISFACTION SURVEY

PART-B Institutional Facilities and Support		
Q.1.	Adequacy of Laboratory facilities (Number of set-ups/ equipments /tools etc.)	86.67%
Q.2.	Mechanism and approach to provide exposure to external world through Internships, Field Visits, Guest Lectures, Expert Talks etc.	86.67%
Q.3.	Infrastructure (Furniture/Black Board / Illumination/Ventilation etc.)	93.33%
Q.4.	Mechanism and approach to deal with students/parents grievances	86.67%
Q.5.	Students guidance and mentoring facilities	86.67%
Q.6.	Support for co-curricular and extra-curricular activities	86.67%
Q.7.	Library Facility	93.33%
Q.8.	Sports Facility	86.67%
Q.9.	Canteen Facility	86.67%
Q.10.	Transport Facility	86.67%
Q.11.	Internet Facility	86.67%
Q.12.	Housekeeping	93.33%
Q.13.	First Aid Facility	93.33%
Q.14.	Security Facility	93.33%

Prof. Nicky S. Balani

Feedback Incharge

Dr. Abhay R. Kasetwar

Head of Department