

## **MINUTES OF GOVERNING COUNCIL**

### **Minutes-**

#### **Members present –**

Mr. RS Vyas ,Foundation Director and Trustee, Techno India NJR Institute of Technology, Udaipur

Mr. Lalit Yagnik – Industry Mentor, Techno India NJR Institute of Technology, Udaipur

Prof. Pankaj Kumar Porwal –Principal , Techno India NJR Institute of Technology, Udaipur

Prof. Pradeep Chhawchharia – Director(Research), Techno India NJR Institute of Technology, Udaipur

Prof. Prasun Chakrabarti , Provost (Research) and Distinguished Professor, Techno India NJR Institute of Technology, Udaipur

Prof Srihari Prasad Honwad, Vice Chancellor, Sir Padampat Singhania University

**Venue – Board Room , Techno India NJR**

**Date – February 01, 2022**

### **Agenda**

Feedback from students, faculties, employers, parents and alumni as well as results for the Academic Year 2020-21 were collected and analyzed by the HODs of various departments and presented to the Governing Council for discussions and suitable actions. Generally Governing Council meets at the start of new academic year in September. However due to late completion of AY 2020-21 in November /December 2021, Governing Council meeting was held on 1<sup>st</sup> February 2022. The following feedback reports, discussed in Governing Council meeting, are given below –

1. Student Feedback Analysis PART A for all departments ( Annexure 1)
2. Student Feedback Analysis PART B by all the departments combined
3. Faculty Feedback Analysis
4. Parent Feedback Analysis
5. Employer Feedback Analysis

## 6. Alumni Feedback Analysis

### **STUDENT FEEDBACK**

The institute takes feedback from the students in 2 parts –

**Part A** – This feedback is conducted at Department level and is done for each subject taught in the semester. Students rank delivery of curriculum and teaching quality on a scale of 1 to 5. This feedback has 6 questions which students have to fill. Analysis of this feedback is done at department level to improve teaching learning process of the department.

**Part B-** This feedback is to assess quality of infrastructure, ICT facilities, labs, training, placement, co-curricular, extra-curricular activities etc. and is done at the college level.

Analysis of PART A of student feedback submitted by the various departments has been discussed in the meeting and is attached in Annexure 1.

Part B of student feedback has been prepared by the Principal and has been discussed to create action plan to improve teaching learning quality in the institute. Analysis of student feedback PART B is given below

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#### **(Student's Feedback on Curriculum PART B for the year 2020-21)**

The institute conducts student feedback on academic level and syllabus transaction. The rating is normally given on a scale of 1 to 5. Feedback was collected from students and based on their answers the following charts were prepared to analyze the results.

#### **BTech Second Year ( 2020-24 Batch )**

Question No 1 in feedback form: Activities leading to Placement/Entrepreneurship/Lifelong learning/Field Projects and Internship

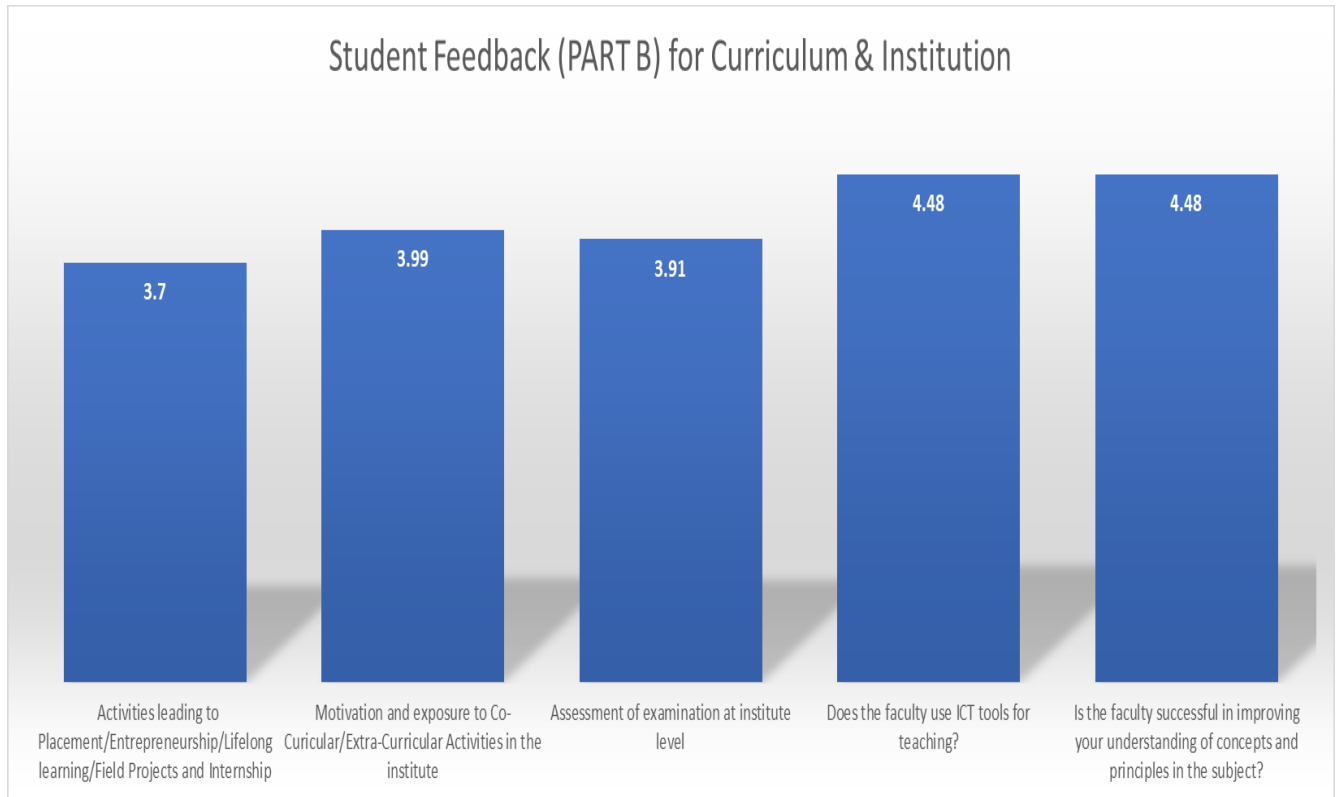
Question No 2 in feedback form: Motivation and exposure to Co-Curricular/Extra-Curricular Activities in the Institute

Question No 3 in feedback form: Assessment of examination at Institute Level

Question No 4 in feedback form: Does the faculty use ICT Tools for teaching?

Question No 5 in feedback form: Is the faculty successful in improving your understanding of concepts and principles in the subject?

Based on the above five questions, student feedback bar diagram is as follows –



It is observed that overall average feedback rating is 4.11 . However for the second year students some placement ready classes in areas of Data Structures and Object Oriented Programming have been organized.

#### **BTech Third Year ( 2019-23 Batch )**

Question No 1 in feedback form: Activities leading to Placement/Entrepreneurship/Lifelong learning/Field Projects and Internship

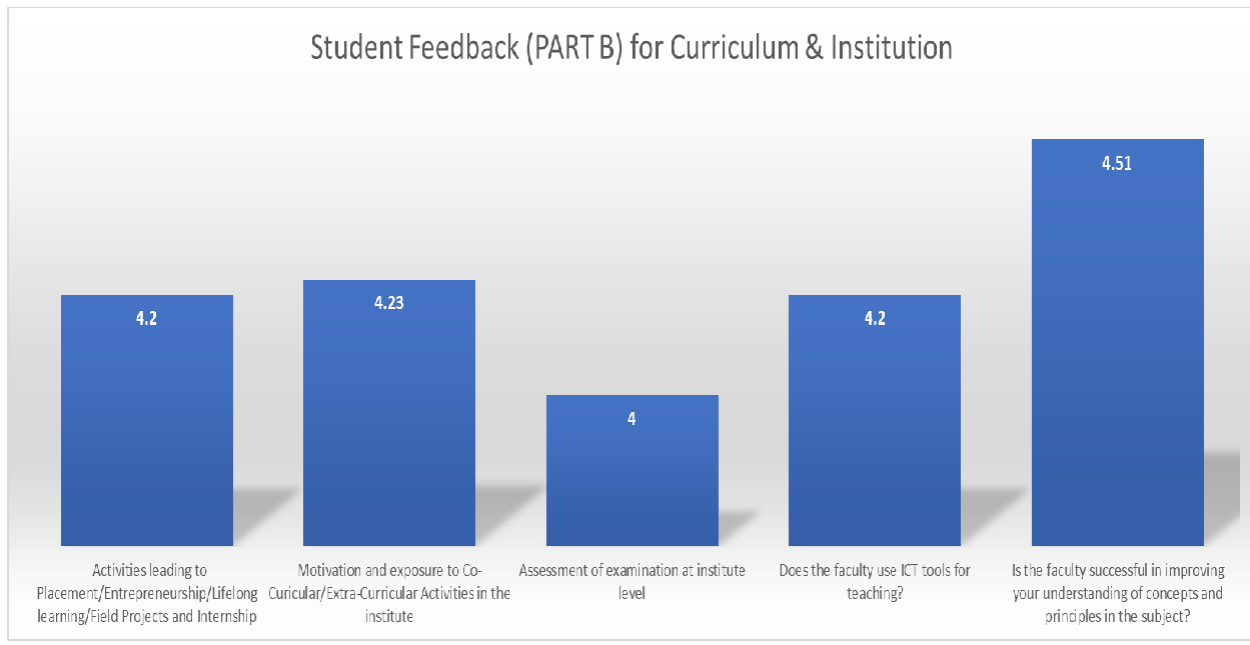
Question No 2 in feedback form: Motivation and exposure to Co-Curricular/Extra-Curricular Activities in the Institute

Question No 3 in feedback form: Assessment of examination at Institute Level

Question No 4 in feedback form: Does the faculty use ICT Tools for teaching?

Question No 5 in feedback form: Is the faculty successful in improving your understanding of concepts and principles in the subject?

Based on the above five questions, student feedback bar diagram is as follows –



It is observed that overall average feedback rating is 4.23 . However for the third year students some placement ready classes in areas of Full Stack Development have been organized. Even industry oriented course on Cybersecurity has been proposed to commence soon from April 2022.

### **BTech Fourth Year ( 2018-22 Batch )**

Question No 1 in feedback form: Activities leading to Placement/Entrepreneurship/Lifelong learning/Field Projects and Internship

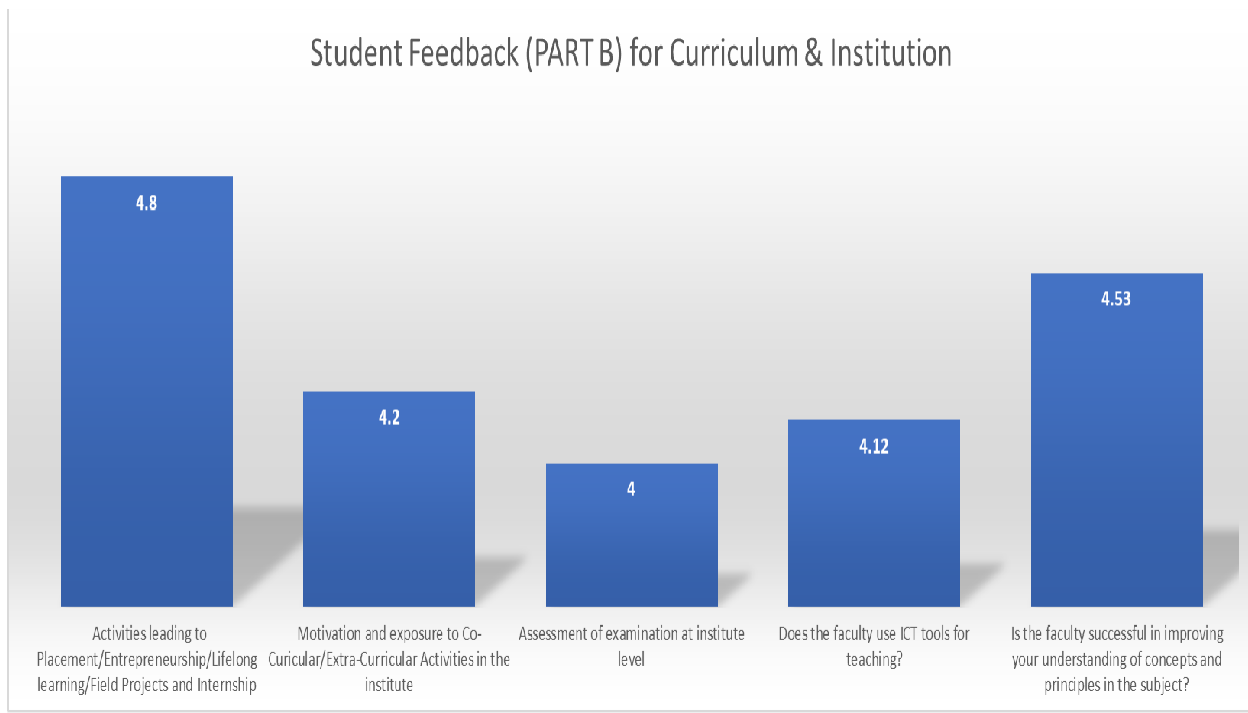
Question No 2 in feedback form: Motivation and exposure to Co-Curricular/Extra-Curricular Activities in the Institute

Question No 3 in feedback form: Assessment of examination at Institute Level

Question No 4 in feedback form: Does the faculty use ICT Tools for teaching?

Question No 5 in feedback form: Is the faculty successful in improving your understanding of concepts and principles in the subject?

Based on the above five questions, student feedback bar diagram is as follows –



It is observed that overall average feedback rating is 4.33 . Majority of the students are working as interns in reputed companies.

#### Summary –

- More career awareness programs were incorporated so that students can pursue area as per their interest.
- As per suggestions, the institute arranged several industry linked trainings.
- Faculties interacted with the students and subsequently published 13 joint research papers.
- As per request, i3 Lab ( Industry, Innovation and Incubation) was open till late hours and in case of SIH whole night.
- Library hours were also increased till 9 pm in order to facilitate the hostelers.
- Various extension activities in the institute like blood donation, NCC were done.
- Many invited lectures by industry delegates / foreign professors were arranged so that the students and faculties gain additional valuable knowledge.

## FACULTY FEEDBACK –

### Faculty's Feedback on Curriculum for the year 2020-21

The institute conducts faculty feedback on institute facilities and syllabus transaction. The rating is normally given on a scale of 1 to 4 based on the aspects: Very Good (4), Good (3), Average (2) and Below Average (1). The feedback form included 4 questions related to syllabus transactions and the same was analysed using the above 4-point scale. Feedback was collected from faculties and based on their answers the following charts were prepared to analyze the results.

**Question No 1 in feedback form: The book/journals etc. prescribed/listed as reference materials are relevant, updated and cover the entire syllabus**

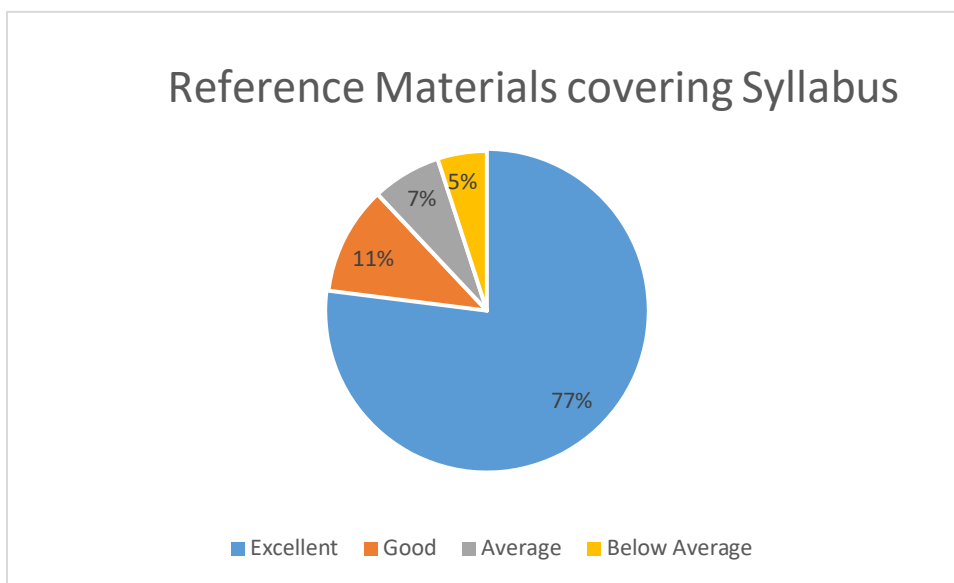


Figure 1: Reference Materials covering syllabus

Analysis of figure 1 shows that majority of the faculties are satisfied with the reference material but few suggested to increase the reference materials in library.

**Question No 2 in feedback form: The courses/syllabi of the subjects taught by me increased my interest, knowledge, and perspective in the subject area.**

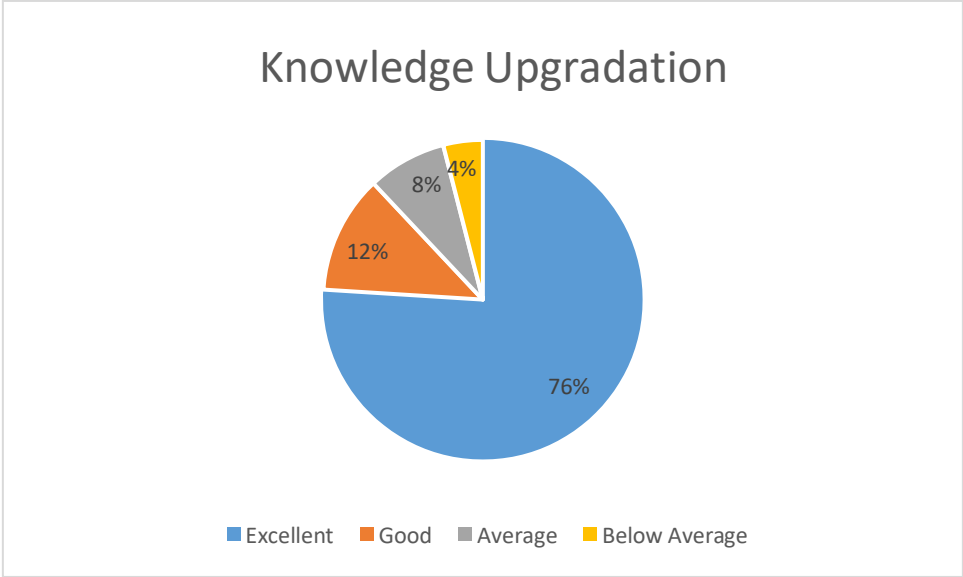


Figure 2: Knowledge Upgradation

Analysis of figure 2 shows that even though majority of the faculty members were satisfied with the syllabus content still to update their domain knowledge, they used to pursue industry certification, trainings, MOOC sessions, FDP and STTP.

**Question No 3 in feedback form: The curriculum has given me full freedom to adopt new techniques/strategies of teaching such as group discussions, seminar presentations and learner’s participation.**

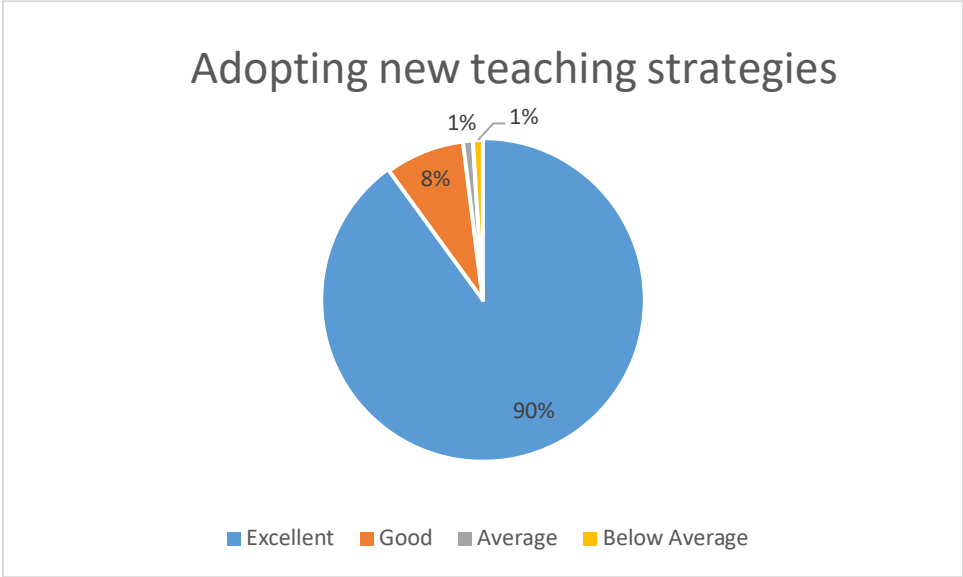


Figure 3: Adopting new teaching strategies

Analysis of figure 3 shows that the faculties are extremely efficient to teach the students on the basis of latest strategies which they have learned from attending MOOC courses, FDP, STTP.

**Question No 4 in feedback form: I have the freedom to adopt new techniques/strategies of testing and assessment of students.**



Figure 4: Assessment Strategies

The faculty members keep on assessing students based on class performance, viva-voce, industry project performance, internship performance. Apart from these the students were assessed in assignments and midterms.

**Question No 5 in feedback form: ICT facilities in the college are adequate and satisfactory.**

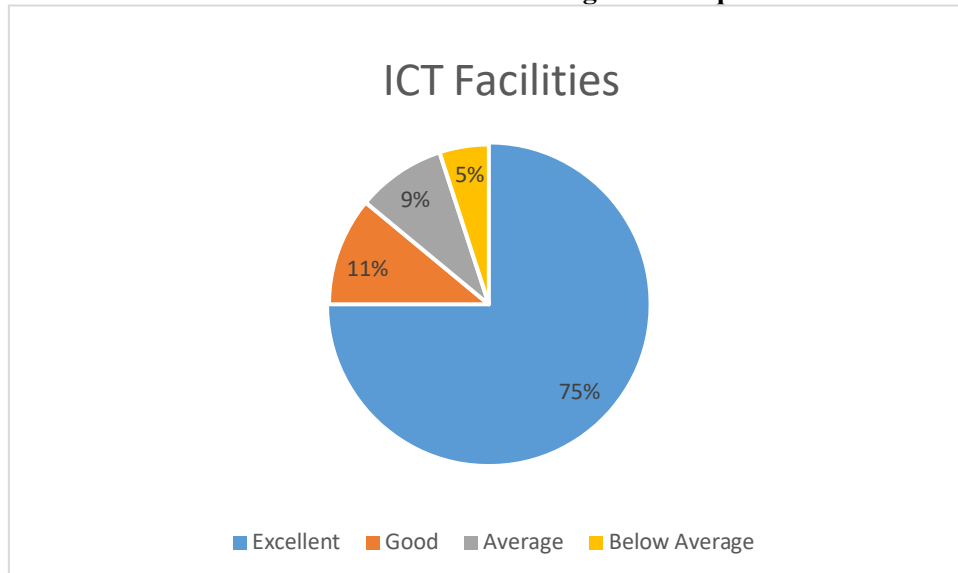


Figure 5: ICT Facilities

Analysis of figure 5 shows that majority of the faculty members used ICT facilities in the class, however there is still a need for improvement.

**Question No 6 in feedback form: Faculty Room is adequate and available in the Institute.**

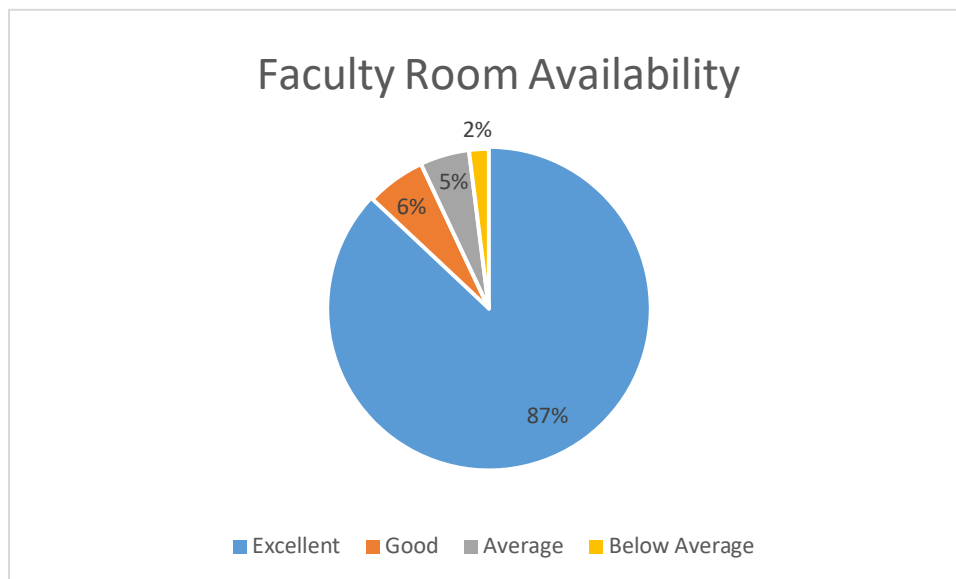


Figure 6: Faculty Room Availability

Analysis of figure 6 shows that the infrastructure of institute is as per the AICTE norms and there is adequate room for faculties.

**Summary**

- Periodic collaborative meeting with industries were organized .
- Initiative were taken for research MOUs with institutes of national importance. Accordingly Prof A S Hati (IIT ISM Dhanbad) and Prof N S Chaudhuri (IIT Indore) initiated research collaboration with Prof P Chakrabarti and 3 research papers were published in Scopus indexed journals.
- Bloom’s Taxonomy was followed by the faculties.
- Faculties were trained on ICT Enabled Tools by Mr Aditya Maheshwari, Head Industry Projects.

**PARENT FEEDBACK –**

**Parents’ Feedback on Curriculum for the year 2020-21**

The institute conducts Parents’ feedback on institute facilities and syllabus transaction. The rating is normally given on a scale of 1 to 4 based on the aspects: Excellent (4), Good (3), Average (2) and Below

Average (1).Feedback was collected from Parents and based on their answers the following charts were prepared to analyse the results.

**Question No 1 in feedback form: Are you happy with the progress of your ward in academics?**

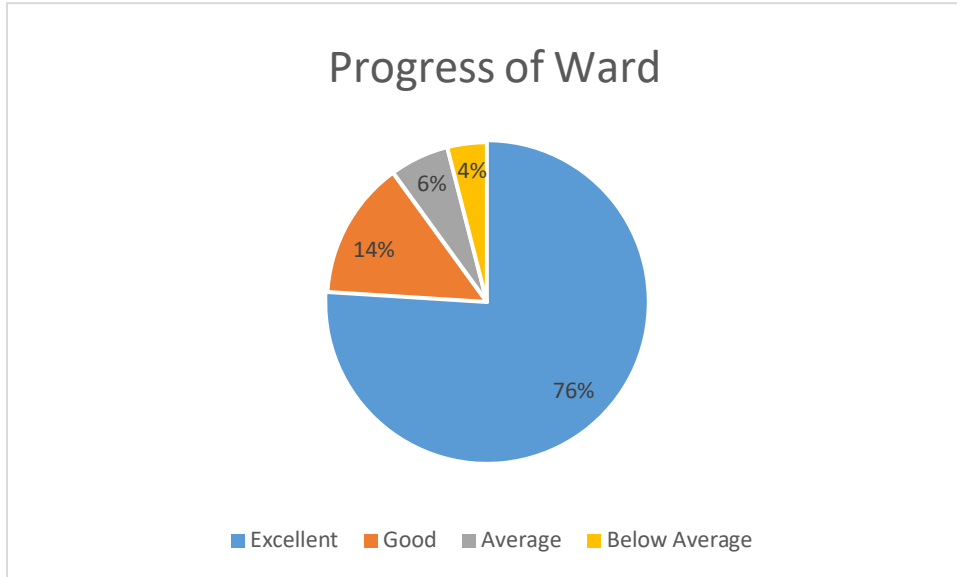


Figure 1: Progress of Ward

Analysis of figure 1 shows that majority of the parents were extremely satisfied with the progress of their wards in academics.

**Question No 2 in feedback form: How do you rate the infrastructural facilities provided by the institute?**

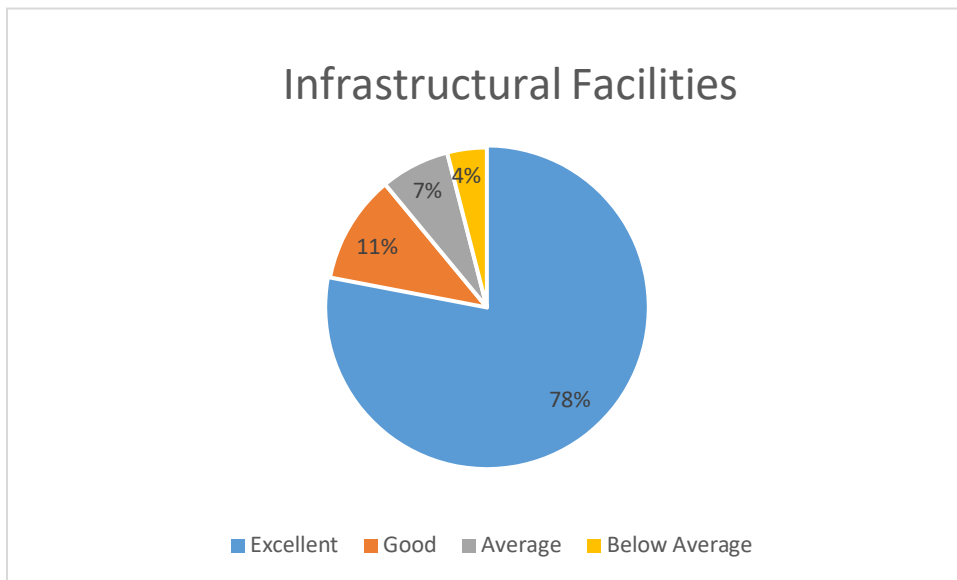


Figure 2: Infrastructural Facilities

Analysis of figure 2 shows that the parents were quite satisfied with the infrastructure and the facilities.

**Question No 3 in feedback form: Are you happy with the curricular (Add-on Courses/Seminar/Guest Expert Lectures) & Extra-Curricular Activities organized by the Institute?**

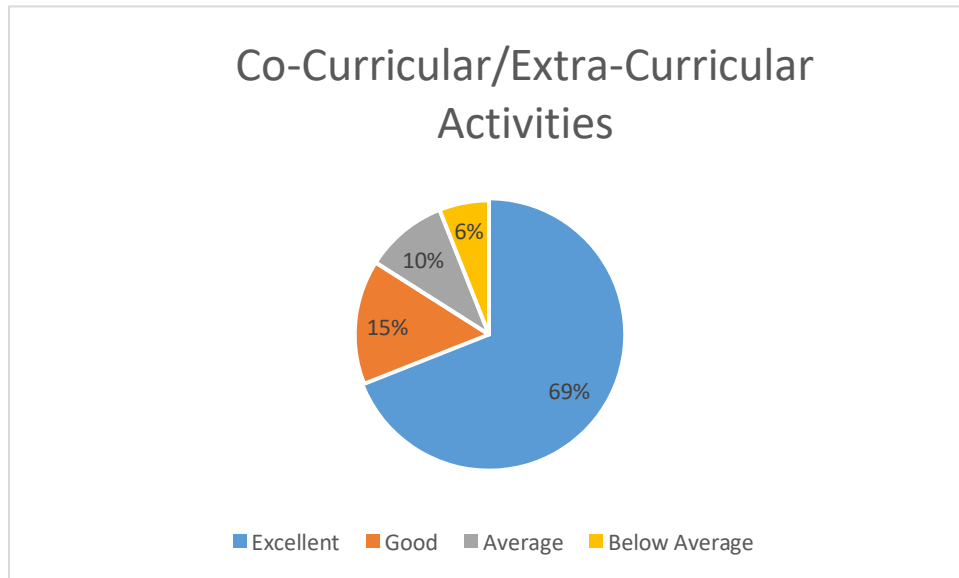


Figure 3: Co-Curricular/Extra-Curricular Activities

Since the institute mainly focuses on academic activities, parents suggested to increase co-curricular/extra-curricular activities for the students to make them versatile.

**Question No 4 in feedback form: Are you satisfied with the Administration of Institute?**

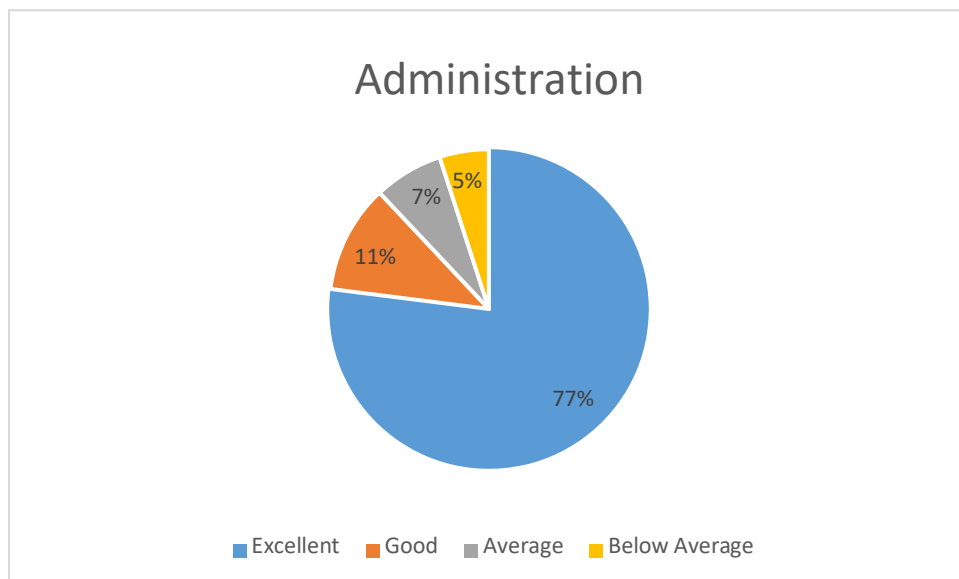


Figure 4: Administration

The institute has a well organised administrative policy.

**Question No 5 in feedback form: Are you satisfied with the student's discipline of the Institute?**

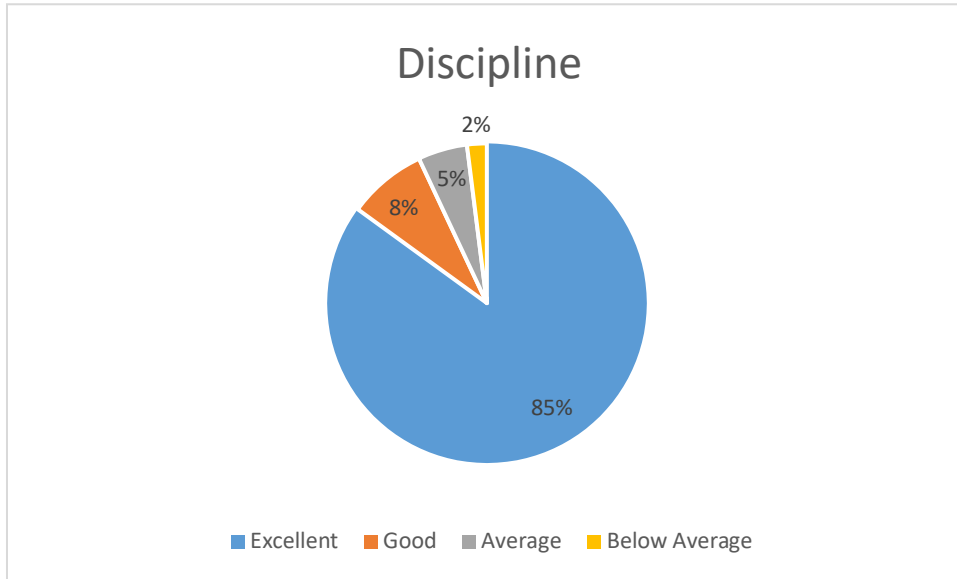


Figure 5: Discipline

Discipline is the main pillar of the institute. The faculties effectively conduct mentoring programs and as a result the students are extremely disciplined. Very rare cases arrived in disciplinary committee.

**Question No 6 in feedback form: Does your ward/Institute regularly inform you about his/her performance?**

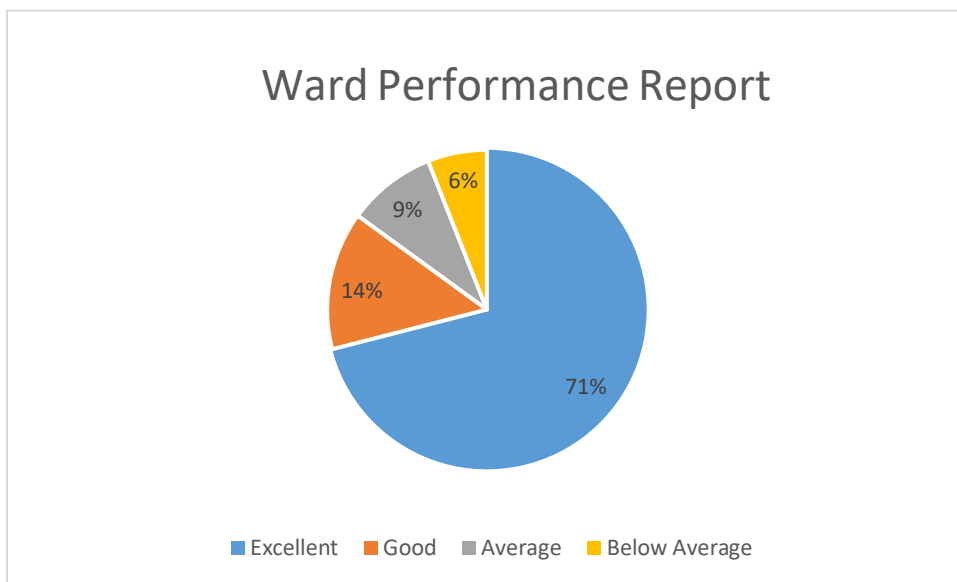


Figure 6: Ward Performance Report

Normally it was observed that the wards informed regularly about their performance to their parents.

### Summary

- Parents suggested to increase the frequency of Parent-teacher meetings on their ward performance. The Management considered.
- As per suggestions, some extra-curricular activities were enhanced.
- Parents also suggested that apart from regular teaching, social awareness and human values are to be imparted to students. Immediately action was taken and students were actively involved in NCC, blood donation and plantation activities.
- Speedy recovery of student disputes was also taken care off by the institute.
- As per request of parents, stress was given on beyond the syllabus activities.
- As per request of parents, the Management decided to intimate parents about results of examinations immediately after declaration.

### EMPLOYER FEEDBACK -

#### Employer's Feedback on Curriculum for the year 2020-21

The institute conducts Employer's feedback on institute facilities and syllabus transaction. The rating is normally given on a scale of 1 to 4 based on the aspects: Excellent (4), Good (3), Average (2) and Below Average (1). Feedback was collected from employer and based on their answers the following charts were prepared to analyse the results.

#### Question No 1 in feedback form: Academic knowledge of the students

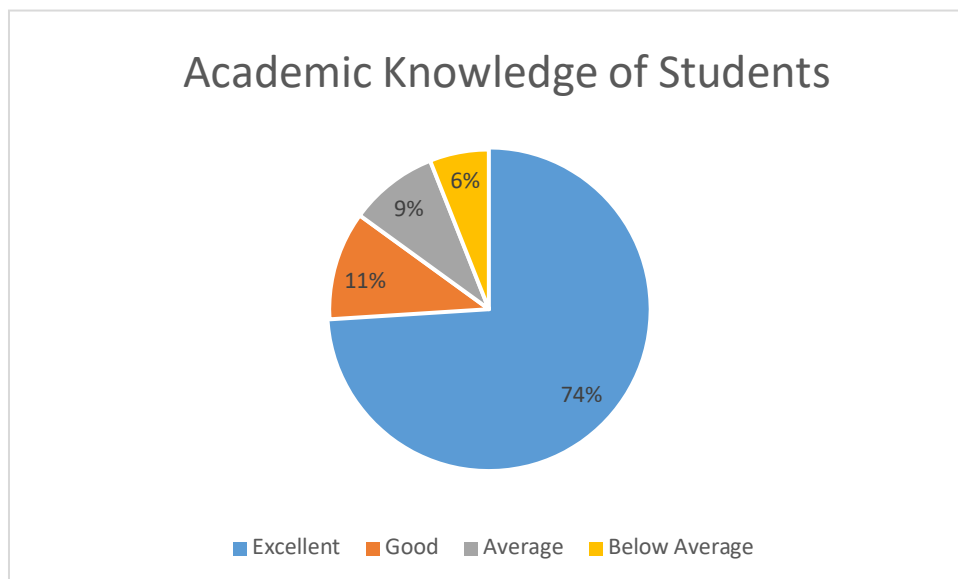


Figure 1: Academic Knowledge of Students

It was observed that some majority of the employers were satisfied with the academic knowledge of students and some gave suggestions to increase the number of certification courses and trainings for the students.

**Question No 2 in feedback form: Syllabus is suitable for Employability and is need based and as per current trends in market**

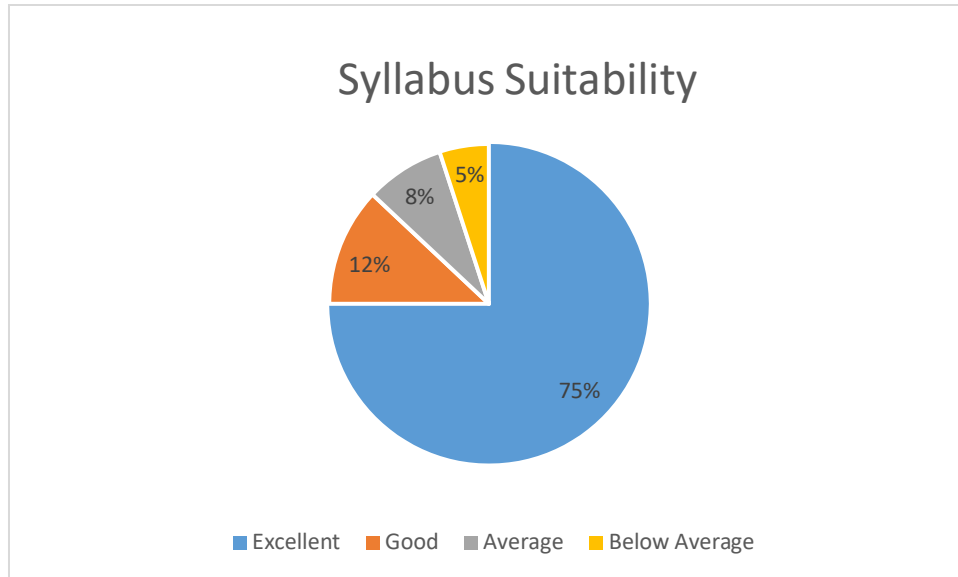


Figure 2: Syllabus Suitability

The institute has to follow the syllabus as prescribed by affiliating university (RTU Kota). If there is any gap, then the institute takes adequate measures in order to make the students industry ready.

**Question No 3 in feedback form: Ability of the employee to apply the concepts of engineering to workplace**

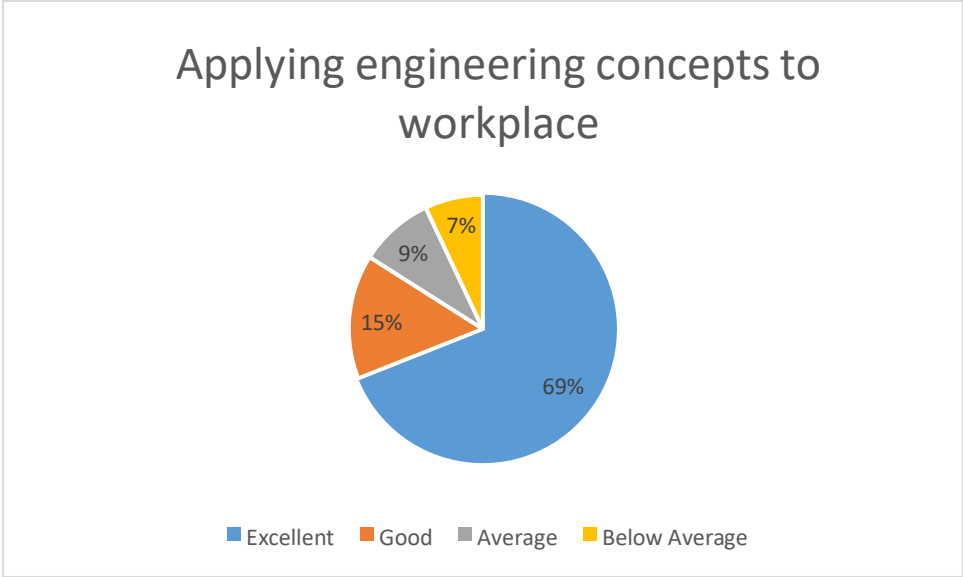


Figure 3: Applying engineering concepts to workplace

The employers suggested to give stress on improving innovative skills of students.

**Question No 4 in feedback form: Ability of the employee to identify, formulate, interpret, analyse, and solve problems**

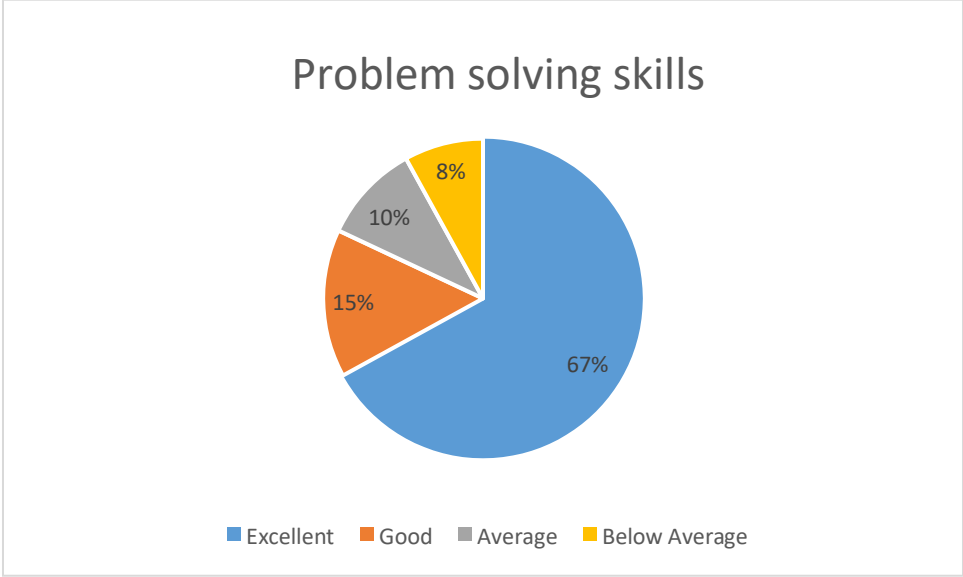


Figure 4: Problem Solving Skills

Employers suggested to focus on solving real life problems by increasing their reasoning and analytical skills.

**Question No 5 in feedback form: Ability of the employee to communicate**

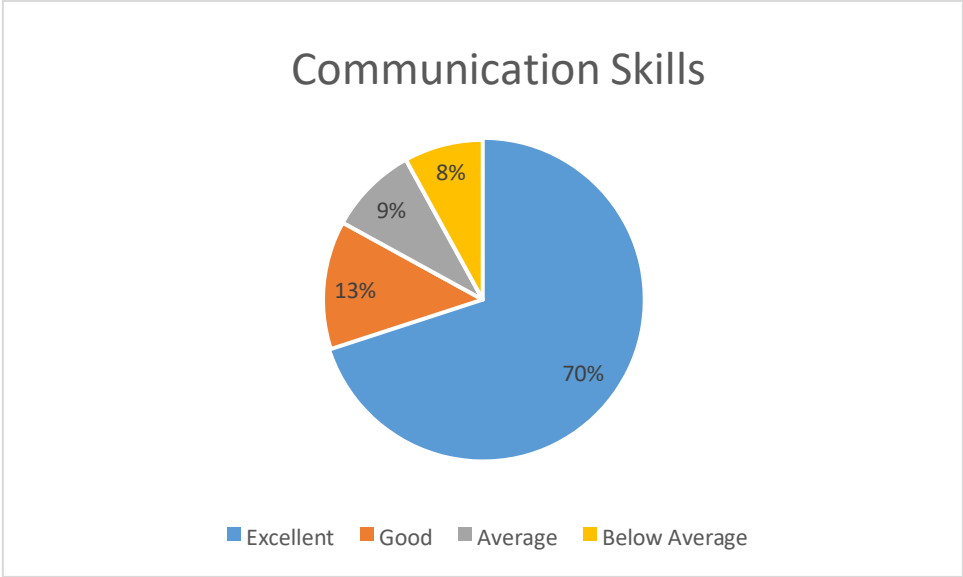


Figure 5: Communication Skills

Majority of the employers were satisfied with the communication skills of the students but suggested to enhance their technical communication skills.

**Question No 6 in feedback form: Ability to work in a team**

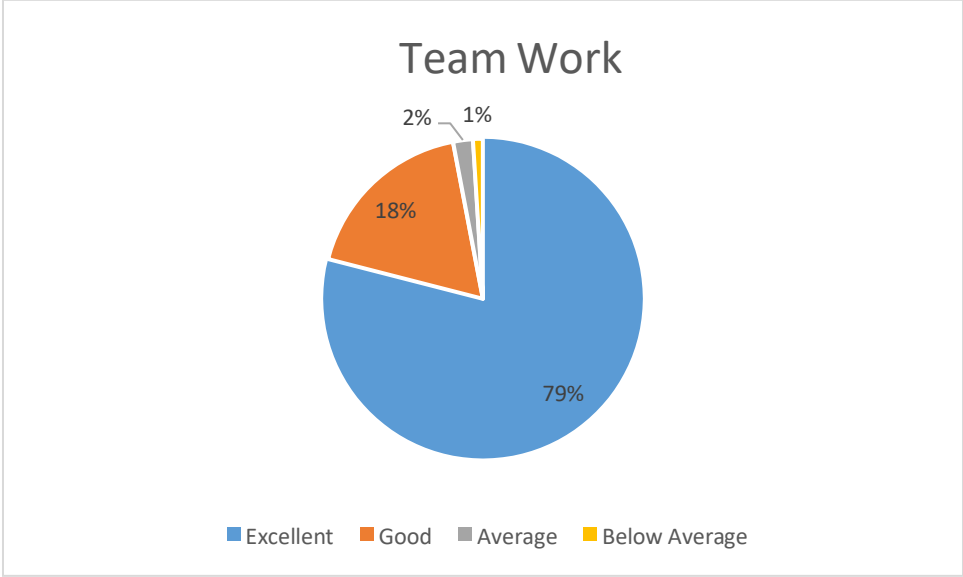


Figure 6: Team Work

The employers were extremely satisfied with the team work of the students.

**Summary**

- Case study approach was introduced along with group assignments.
- Employers also suggested students need to be more participative and work with teams more effectively. Accordingly SIH (Smart India Hackathon) and some in-house mini projects were conducted for the students.
- Employers expressed their views on incorporating the leadership and soft skills courses for the students. The institute organized several Soft Skill Training and also Technical Communication was being taught.
- Employers suggested to teach business reports preparation, presentation skills, email writing, corporate culture, and ethics. The faculties followed that too.
- Employers told that there was a need to focus on analytical skills and reasoning aptitude. Accordingly Quantitative Aptitude and Reasoning classes were being regularly held.
- Entrepreneurial /employable skills to be offered. Accordingly Mr Aditya Maheshwari took several sessions for the students.

## **ALUMNI FEEDBACK-**

### **Alumni's Feedback on Curriculum for the year 2020-21**

The institute conducts Alumni's feedback on institute facilities and syllabus transaction. The rating is normally given on a scale of 1 to 4 based on the aspects: Excellent (4), Good (3), Average (2) and Below Average (1).The feedback form included 2 questions related to syllabus transactions and the same was analysed using the above 4-point scale. Feedback was collected from alumni and based on their answers the following charts were prepared to analyse the results.

#### **Question No 1 in feedback form: How do you find overall infrastructure at the Institute?**

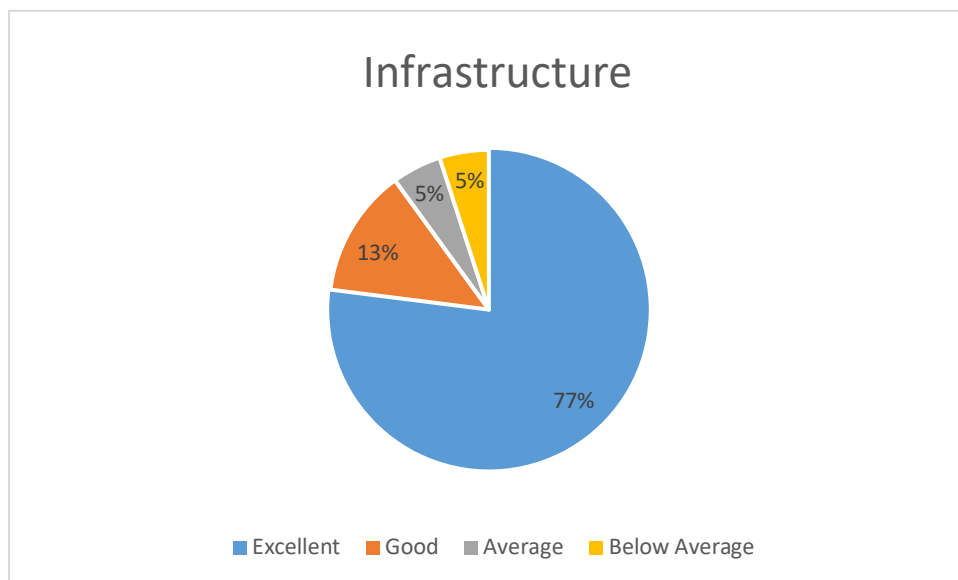


Figure 1: Infrastructure

Majority of the alumni are extremely satisfied with the infrastructure provided by the institute.

**Question No 2 and 3 in feedback form: How do you rate Syllabus in preparing you for a Job/Higher Studies?**

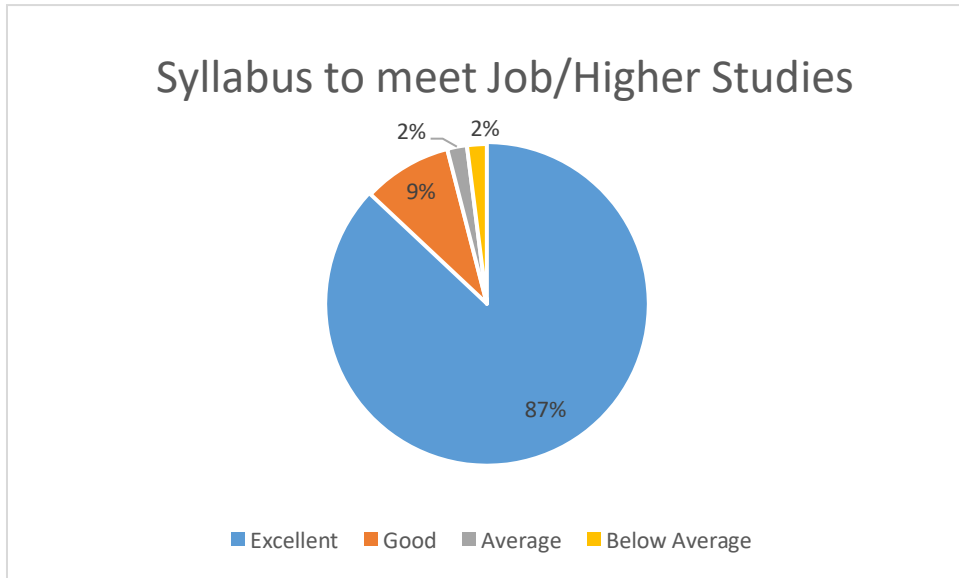


Figure 2: Syllabus to meet Job/Higher Studies

Majority of the alumni were satisfied with the syllabus content the institute delivers and it is sufficient for higher studies and jobs.

**Question No 4 in feedback form: Did you attend industry training/internship to prepare for industry job?**

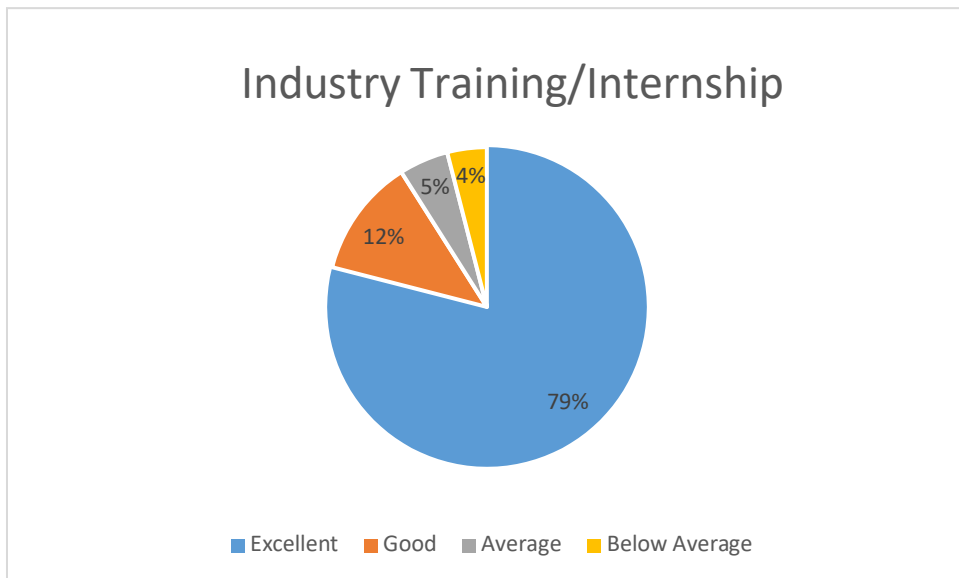


Figure 3: Industry Training/Internship for Job

The institute makes sure that all the students rigorously undergo industry training, professional certification and internship to make them for industry job.

**Question No 5 in feedback form: Rate the various curricular, co-curricular and extra-curricular activities, during your course of study, in the Institute.**

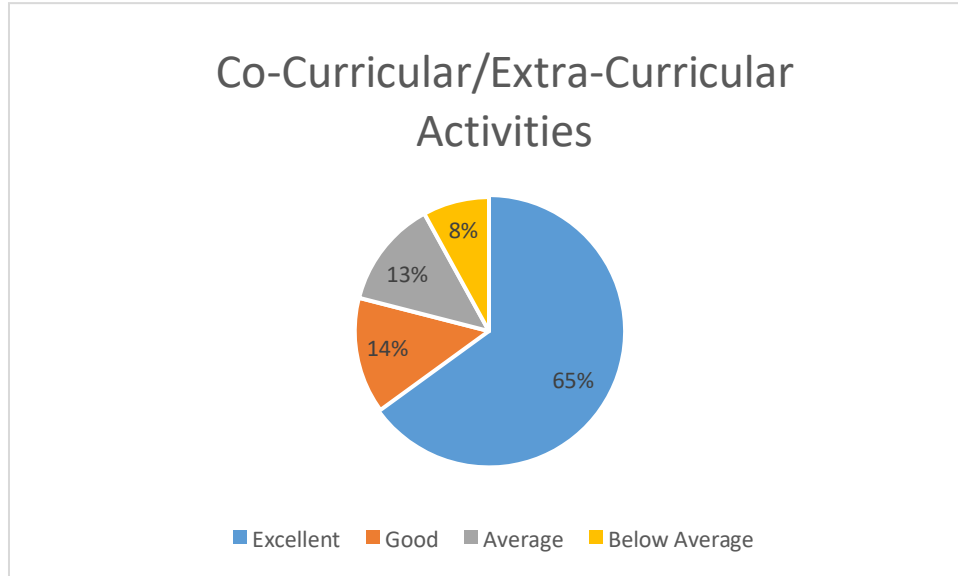


Figure 4: Co-Curricular/Extra-Curricular Activity

Majority of the alumni were extremely satisfied with the Co-Curricular/Extra-Curricular activity conducted by the institute.

### Summary

- As per suggestions focus was given more on beyond the syllabus activities and practical aspects.
- Stress was given on inter-disciplinary activities of many courses
- Entrepreneurship development programmes were also conducted
- The institute was actively involved with alumni.
- As per request, the management decided for Batch-wise get together of alumni.
- T&P cell invited alumni working in industries for briefing the existing students in terms of industry ready courses.
- Some alumni, who donated for the institute development, also inspired other alumni for raising funds .
- Alumni requested the institute to open alumni facilities like labs, library, gym, sports .

For Techno India NJR Institute of Technology  
पंकज पोरवाल  
Dr. Pankaj Kumar Porwal  
(Principal)

# **ANNEXURE 1**



## **STUDENT FEEDBACK ANALYSIS AND ACTION TAKEN (2020-21)**

### **DEPARTMENT OF CIVIL ENGINEERING**

#### **PART A (Student's Feedback on Faculty Performance during the classroom)**

The institute conducts student feedback on academic level and syllabus transaction. The rating is normally given on a scale of 1 to 5.

Feedback was collected from students and based on their answers the following charts were prepared to analyze the results.

Question 1 in the feedback form: Is teacher always punctual in coming to your class?

Question 2 in the feedback form: Does the teacher come well prepared for lecture in your class?

Question 3 in the feedback form: Does the teacher make efforts in teaching and explanation?

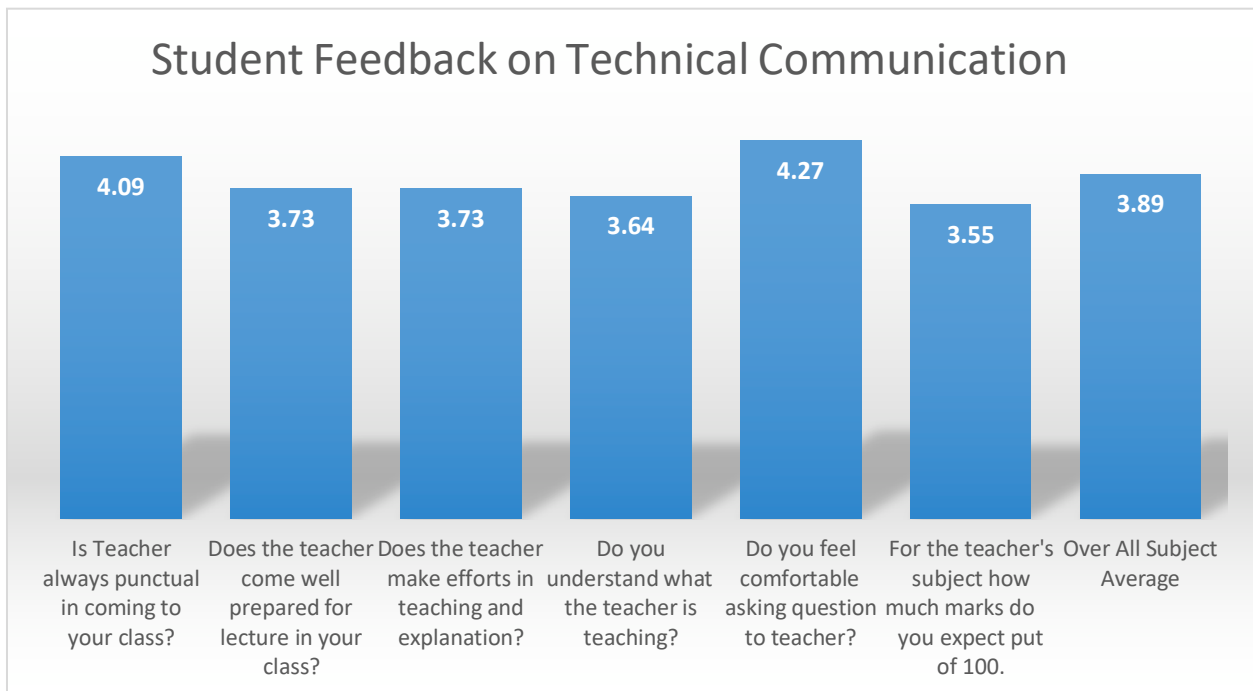
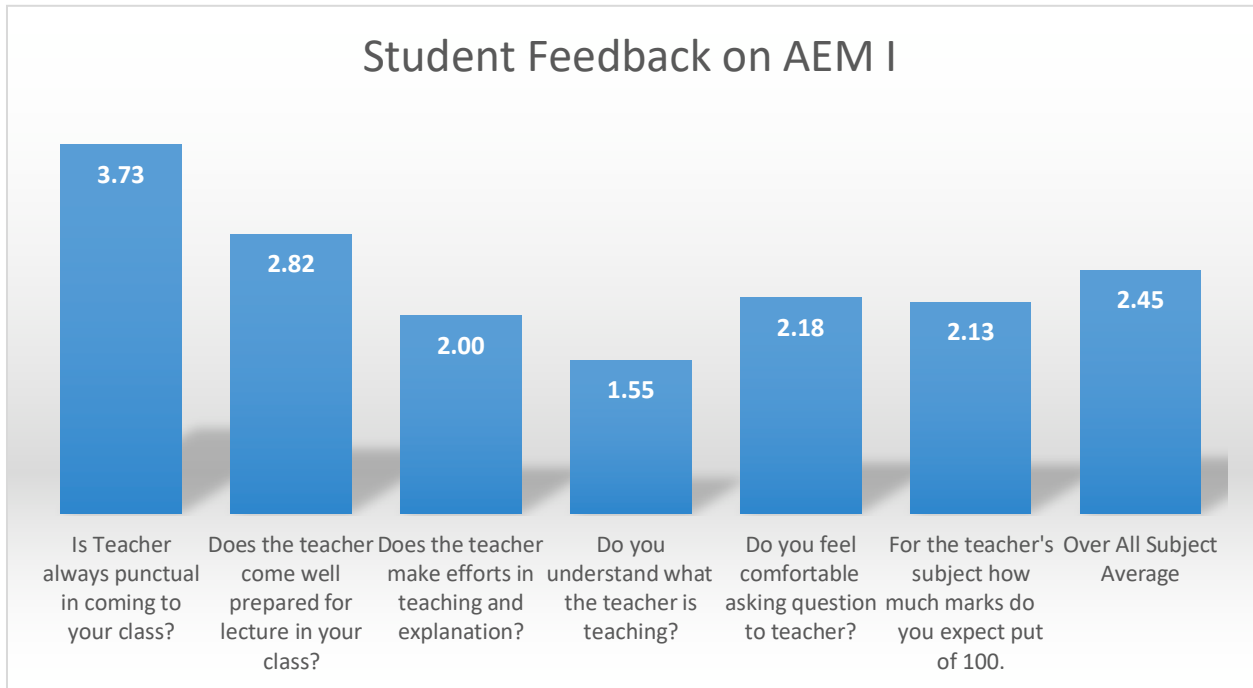
Question 4 in the feedback form: Do you understand what the teacher is teaching?

Question 5 in the feedback form: Do you feel comfortable asking question to teacher?

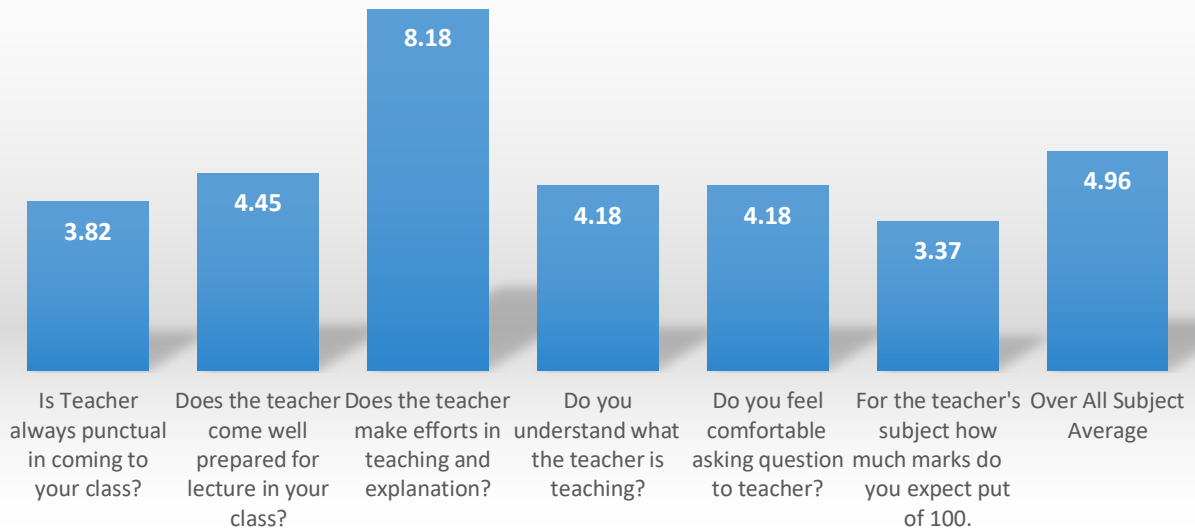
Question 6 in the feedback form: For the teacher's subject how much marks do you expect out of 100

**Odd semester**

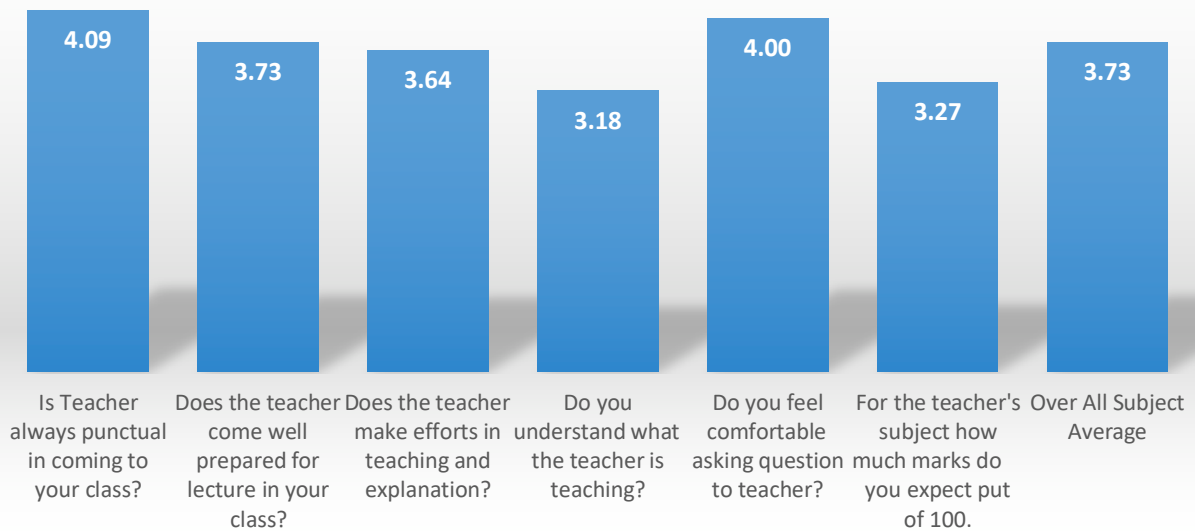
**BTech Third Sem ( 2019-23 Batch )**



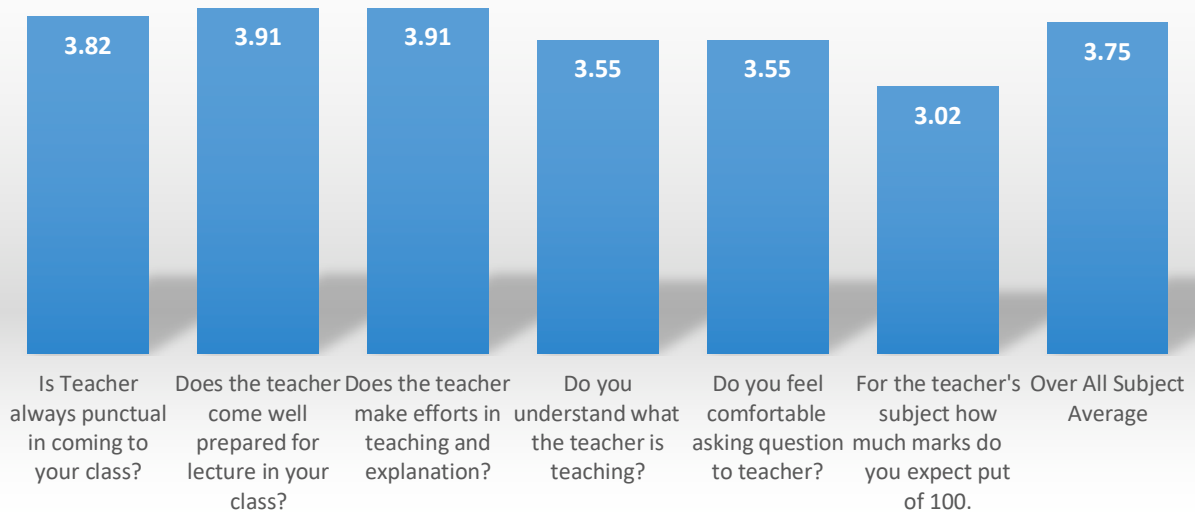
## Student Feedback on Electro Magnetic Waves



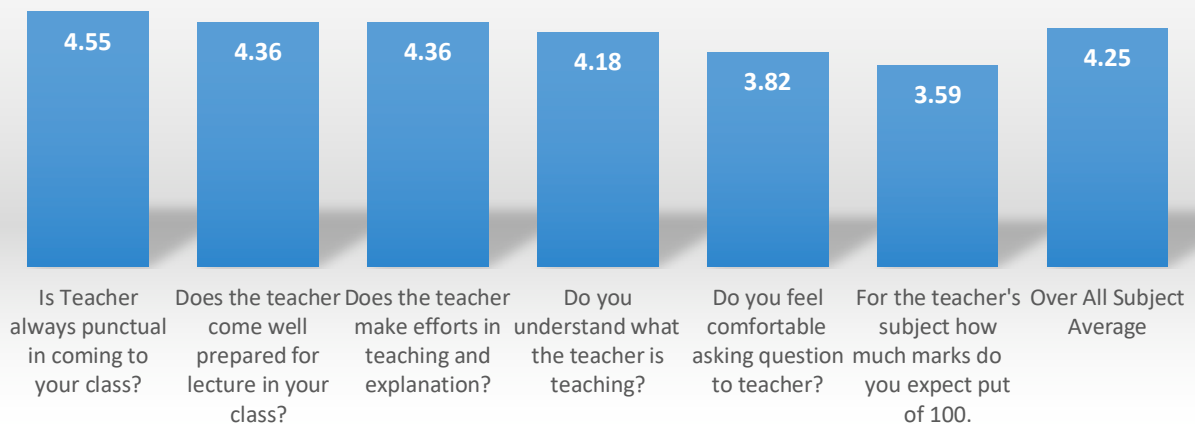
## Student Feedback on Surveying



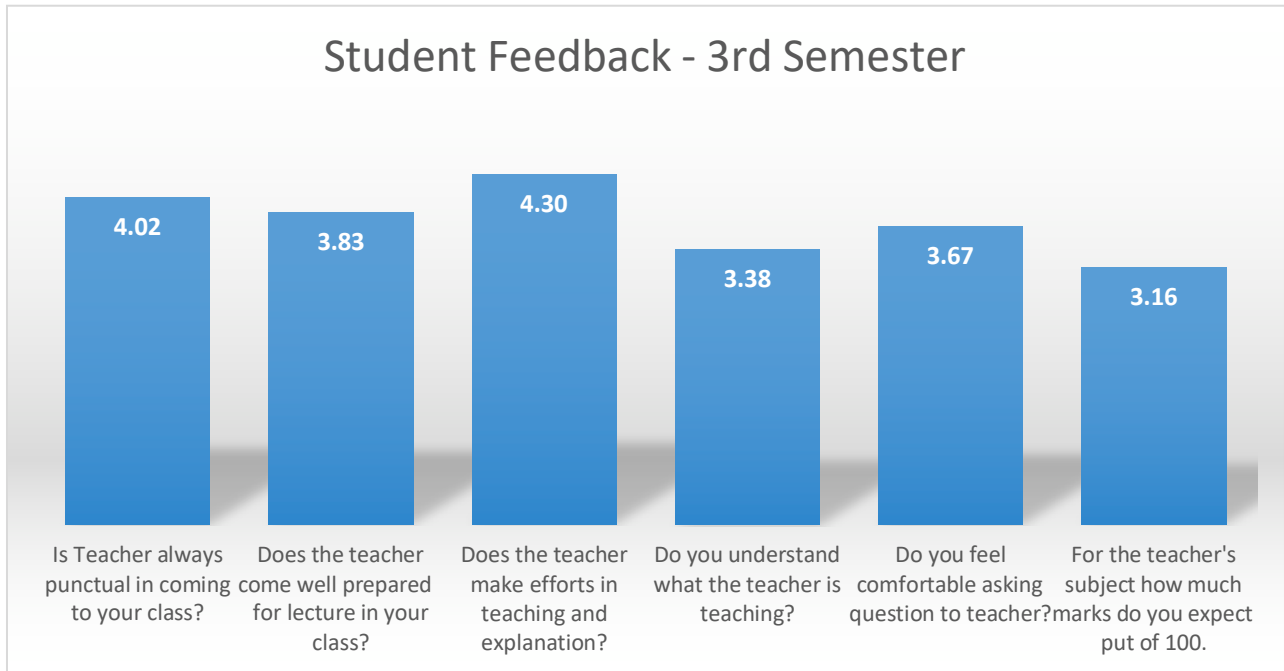
## Student Feedback on Fluid Mechanics



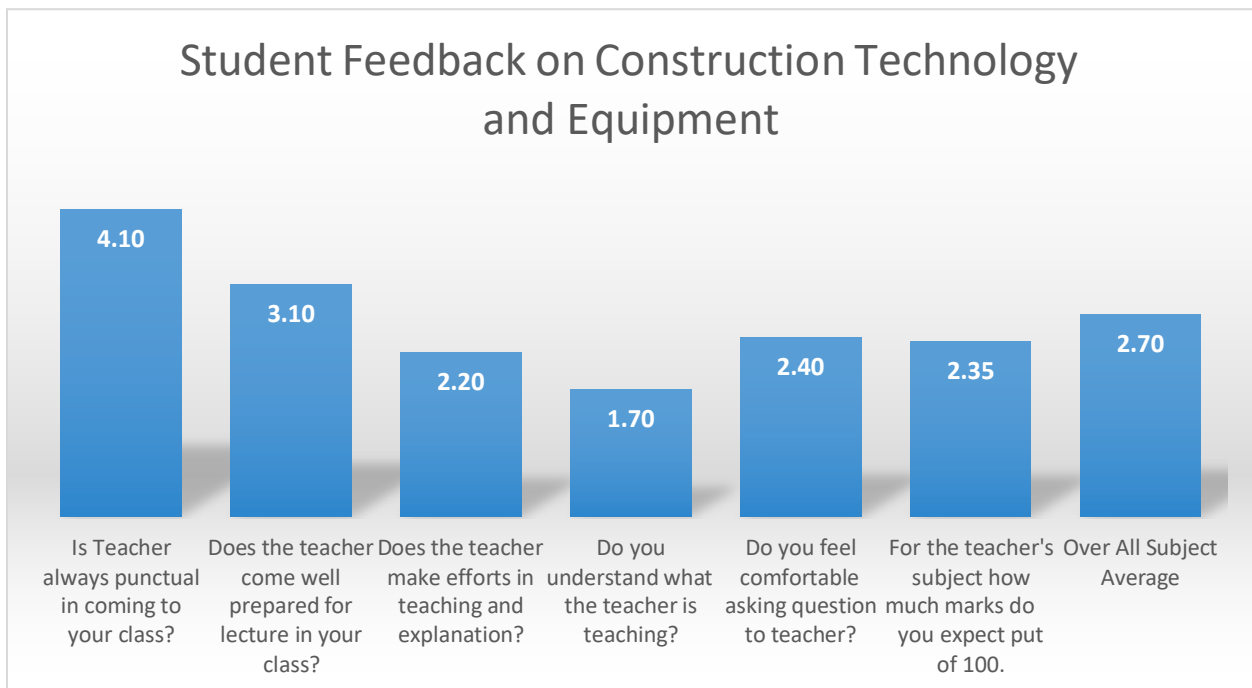
## Student Feedback on Build Materials & Constructions



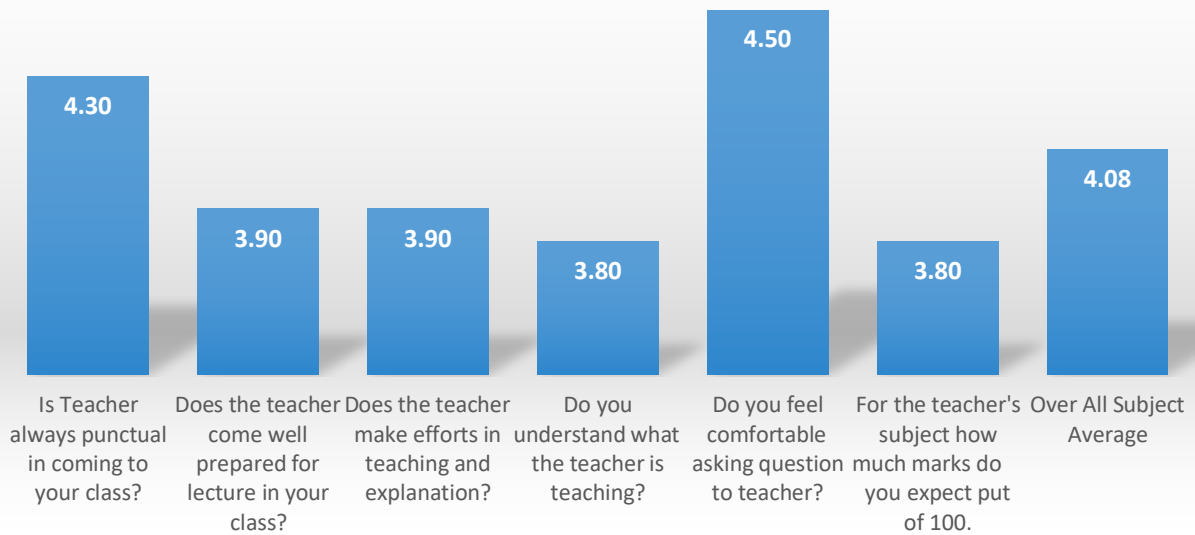
The overall feedback is as follows –



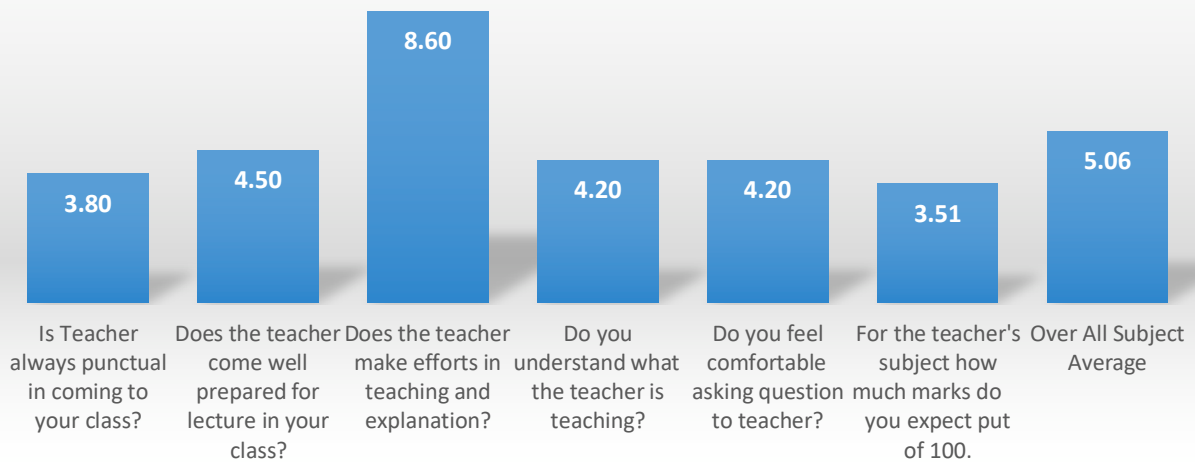
**BTech Fifth Sem ( 2018-22 Batch )**



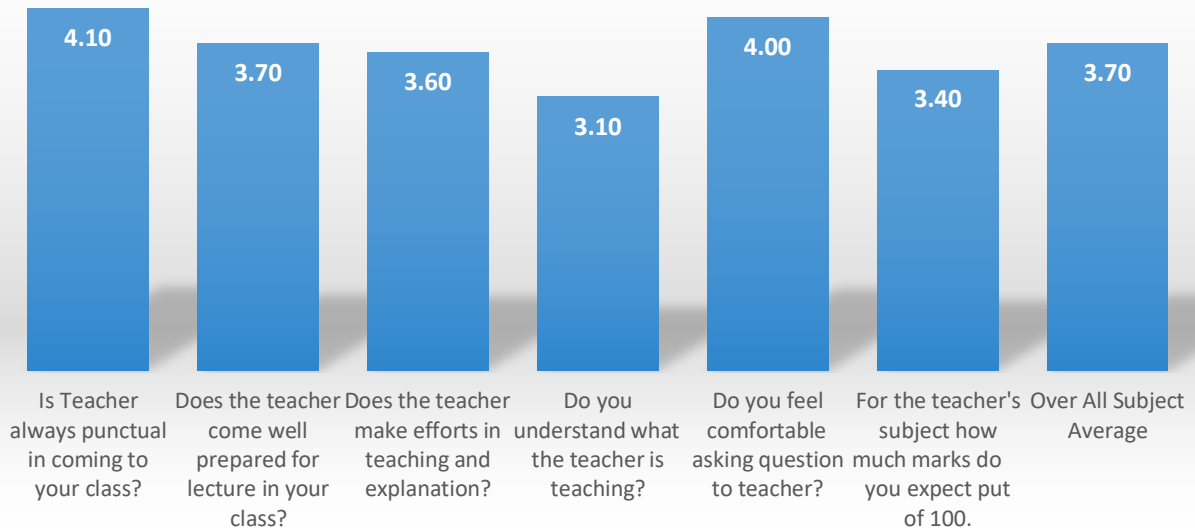
## Student Feedback on Structure Analysis I



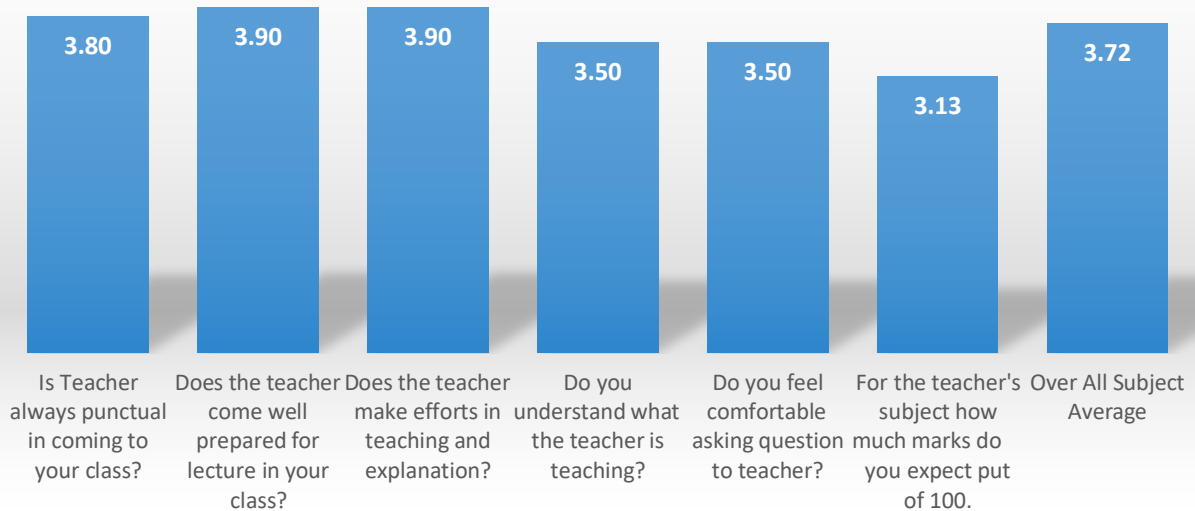
## Student Feedback on Design of Concrete Structures



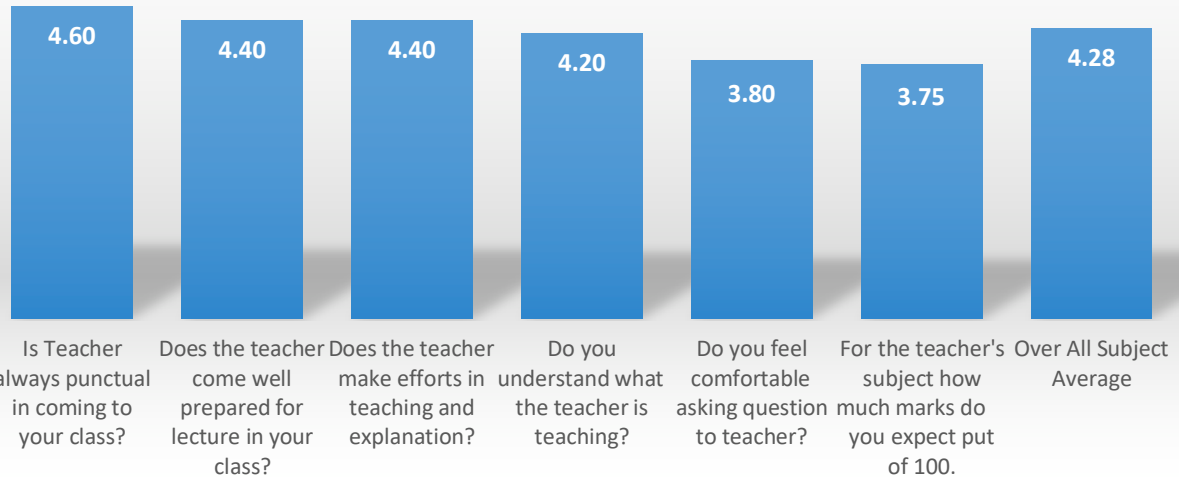
## Student Feedback on Geotechnical Engineering



## Student Feedback on Water Resource Engineering

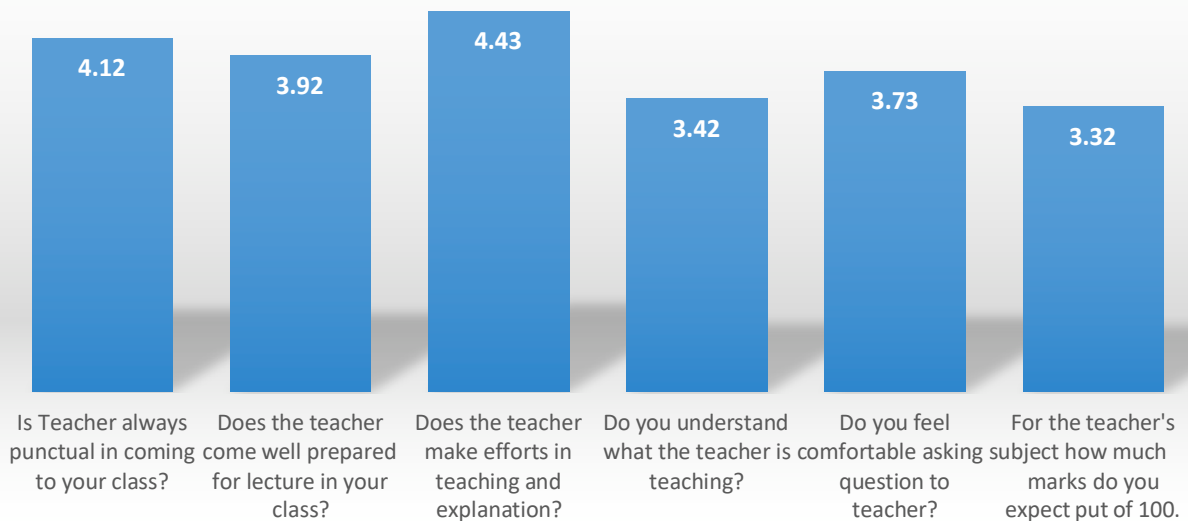


## Student Feedback on Disaster Management



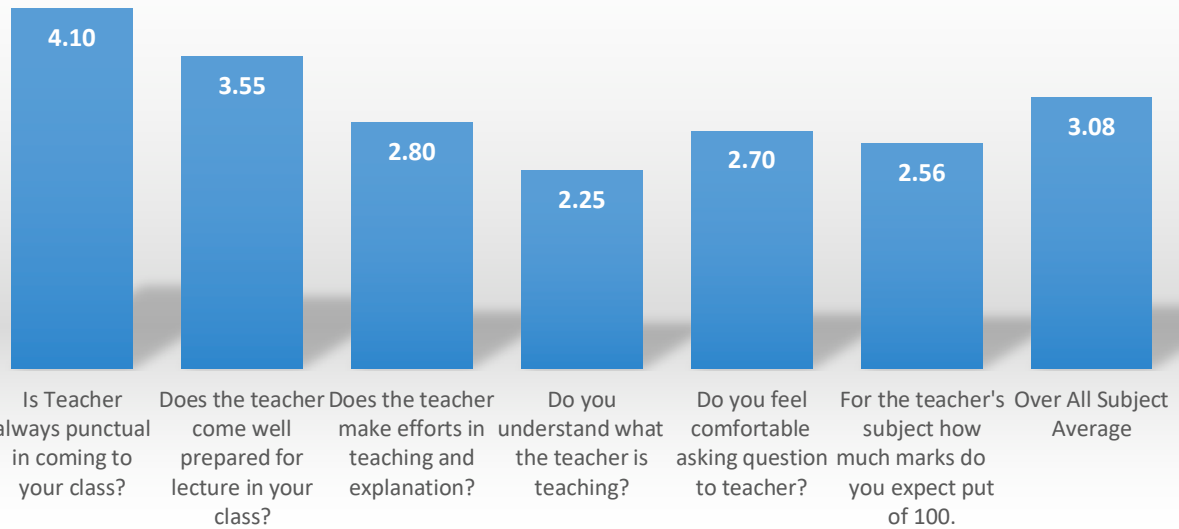
The overall chart is as follows –

## Student Feedback - 5th Semester

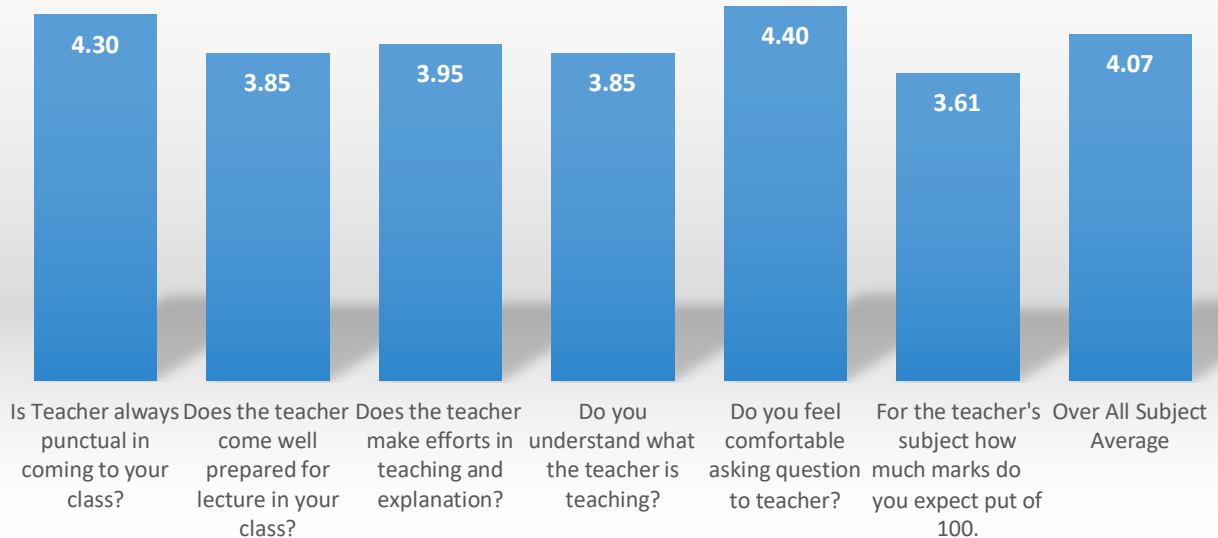


**BTech Seventh Sem ( 2017-21 Batch )**

## Student Feedback on Transportation Engineering

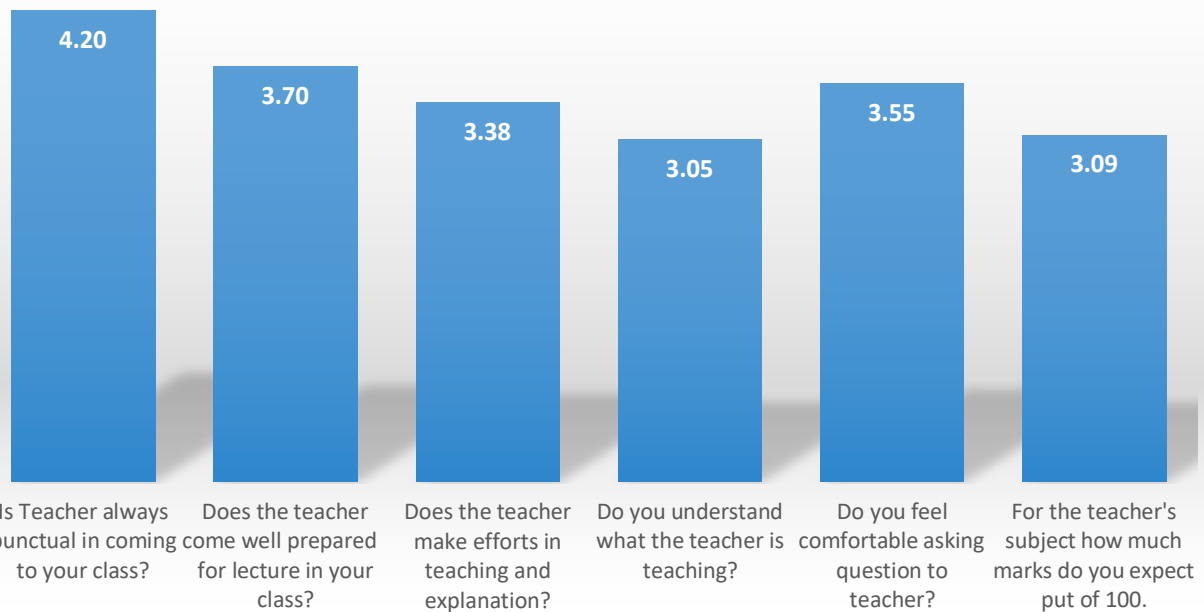


## Student Feedback on EE & DM



The overall chart is as follows –

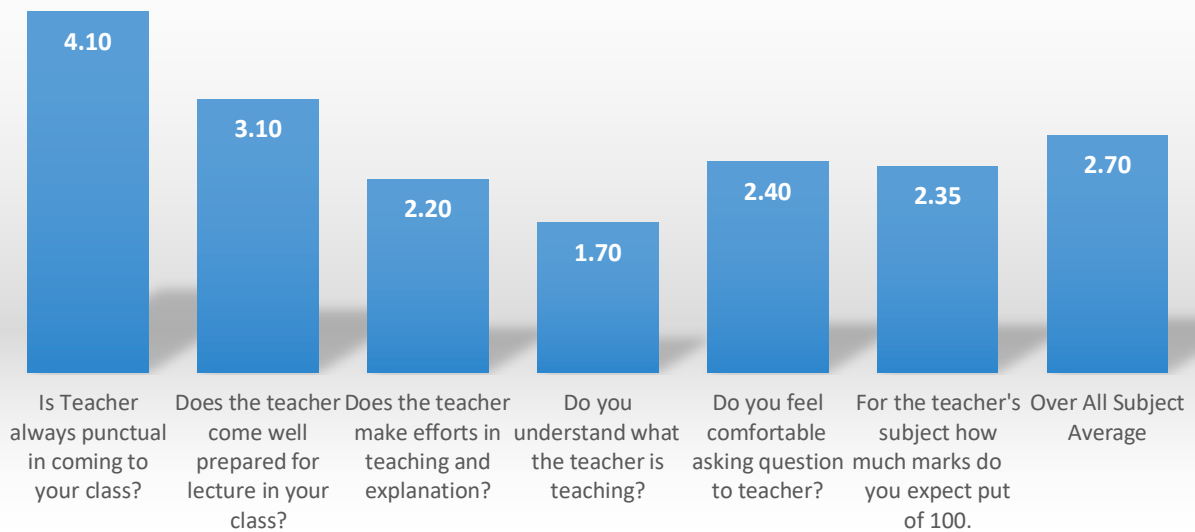
## Student Feedback - 7th Semester



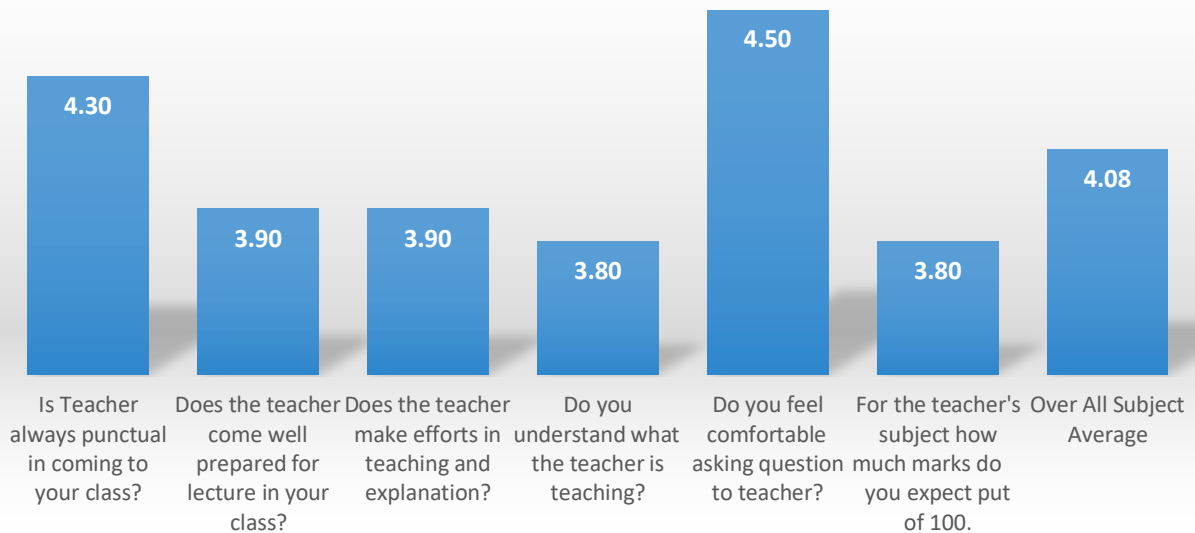
### Even semester

#### **BTech Fourth Sem ( 2019-23 Batch )**

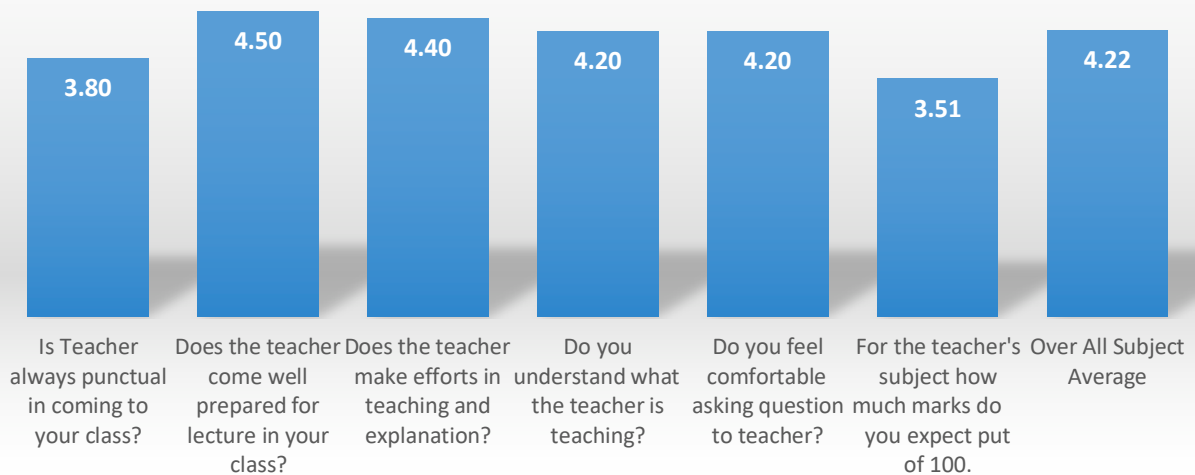
## Student Feedback on AEM II



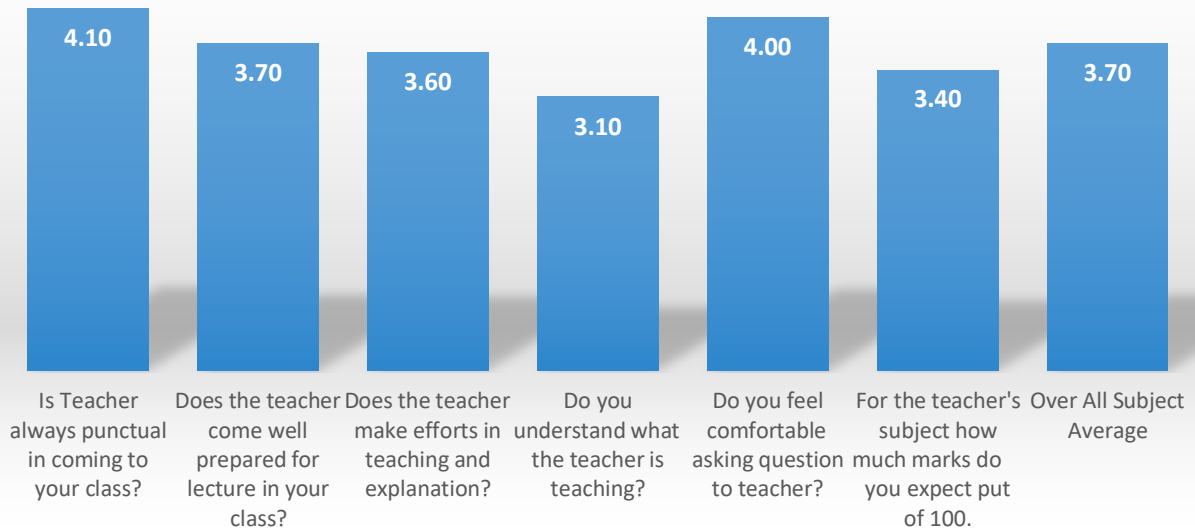
## Student Feedback on MEFA



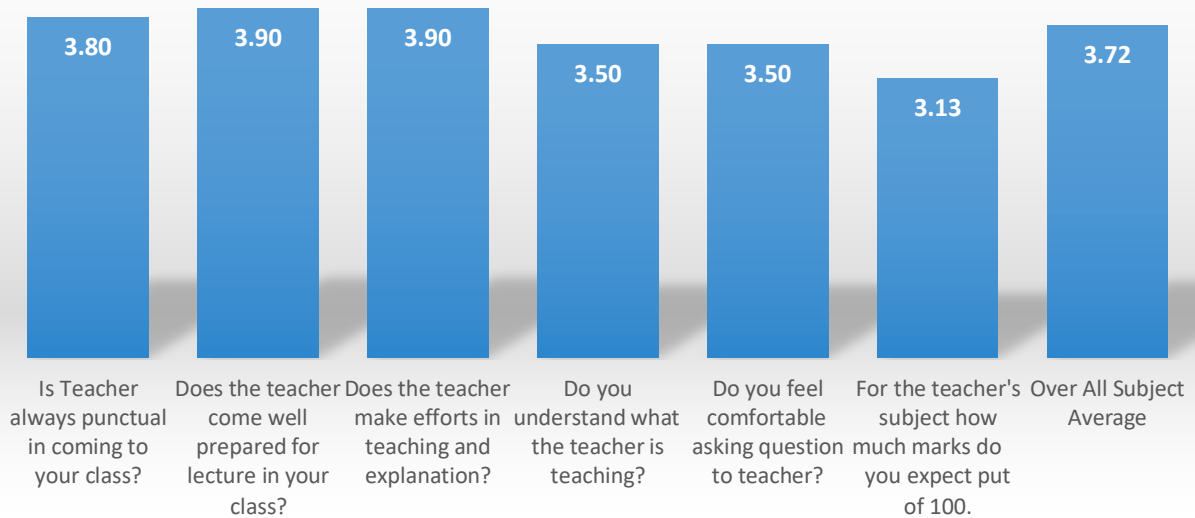
## Student Feedback on Basic Electronics for Civil Engineering



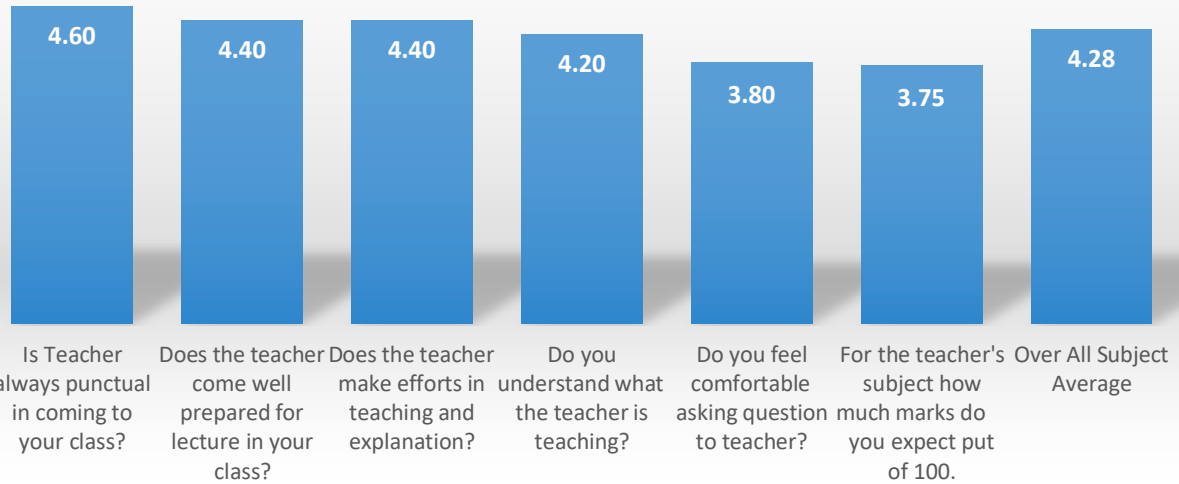
## Student Feedback on Strength of Materials



## Student Feedback on Hydraulics Engineering

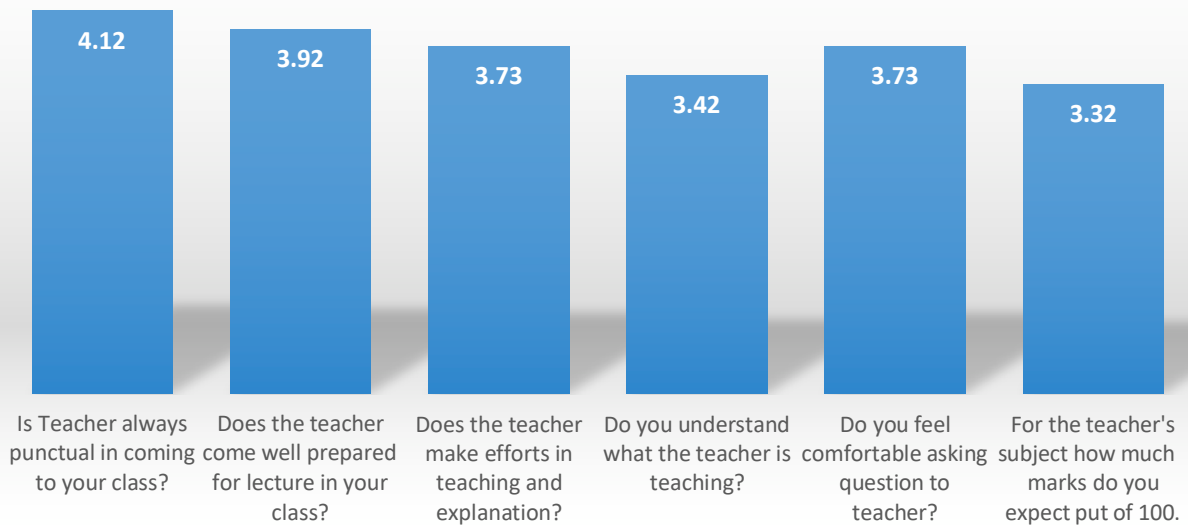


## Student Feedback on Building Planning



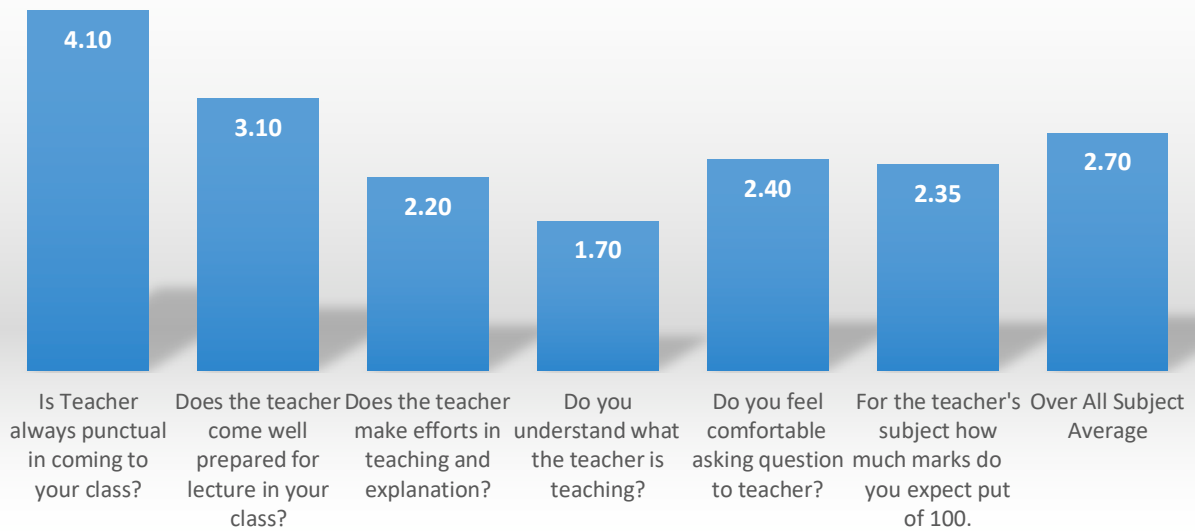
The overall charts is as follows –

## Student Feedback - 4th Semester

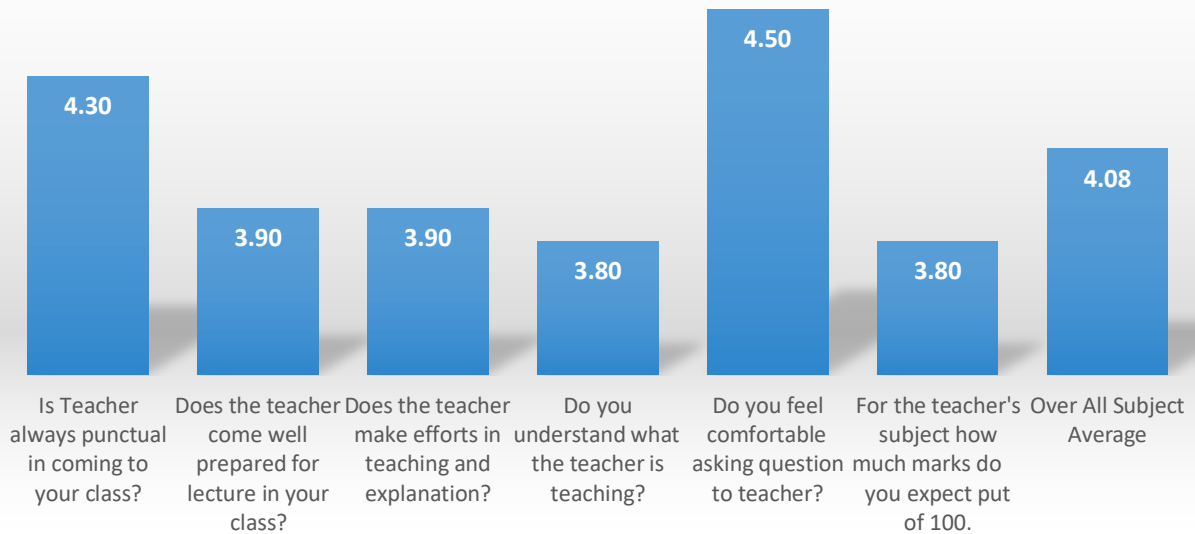


**BTech Sixth Sem ( 2018-22 Batch )**

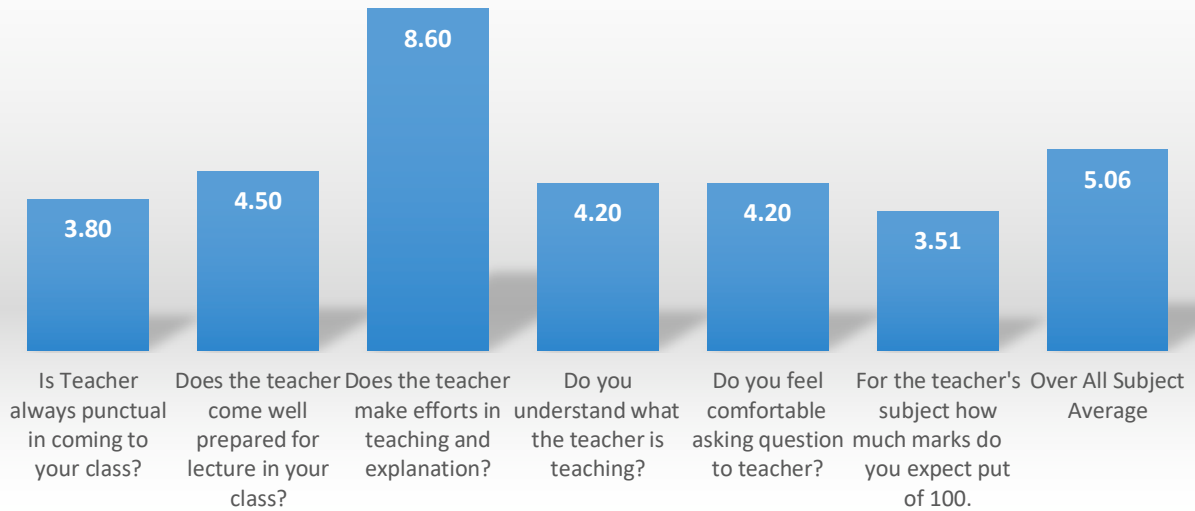
## Student Feedback on Wind and Seismic Analysis



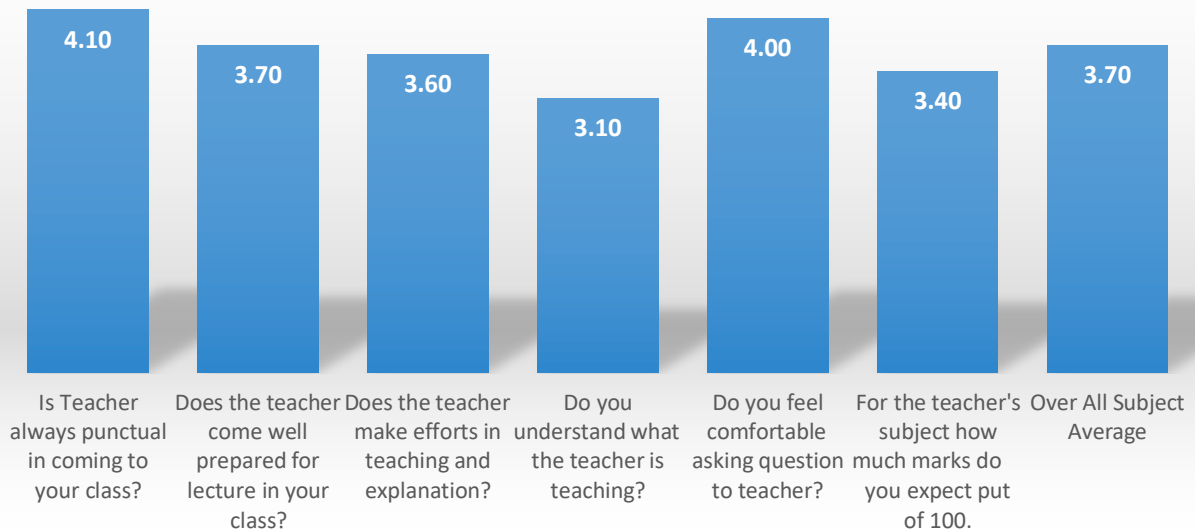
## Student Feedback on Structural Analysis II



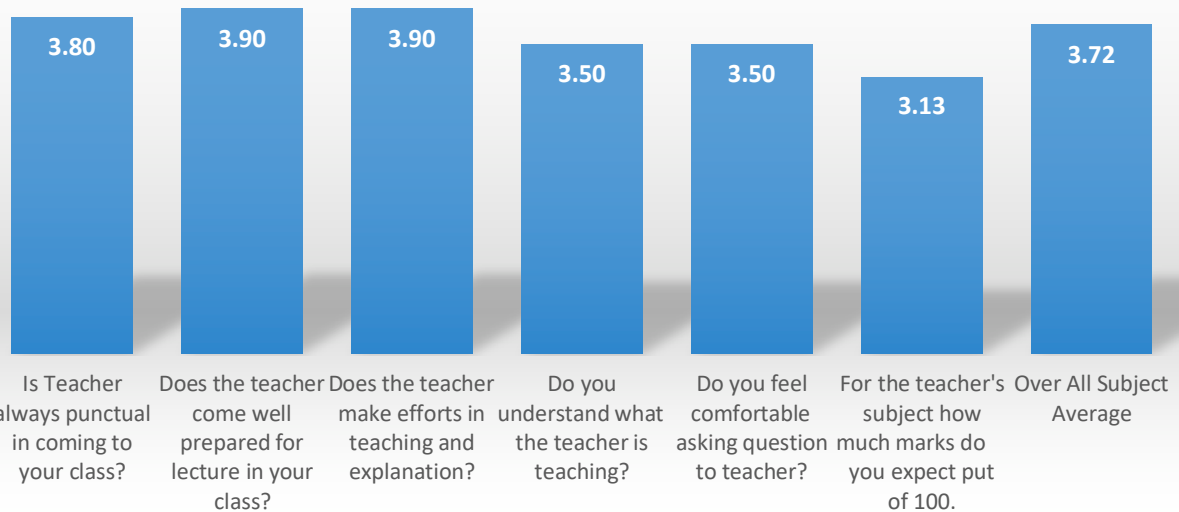
## Student Feedback on Environmental Engineering



## Student Feedback on Design of Steel Structures

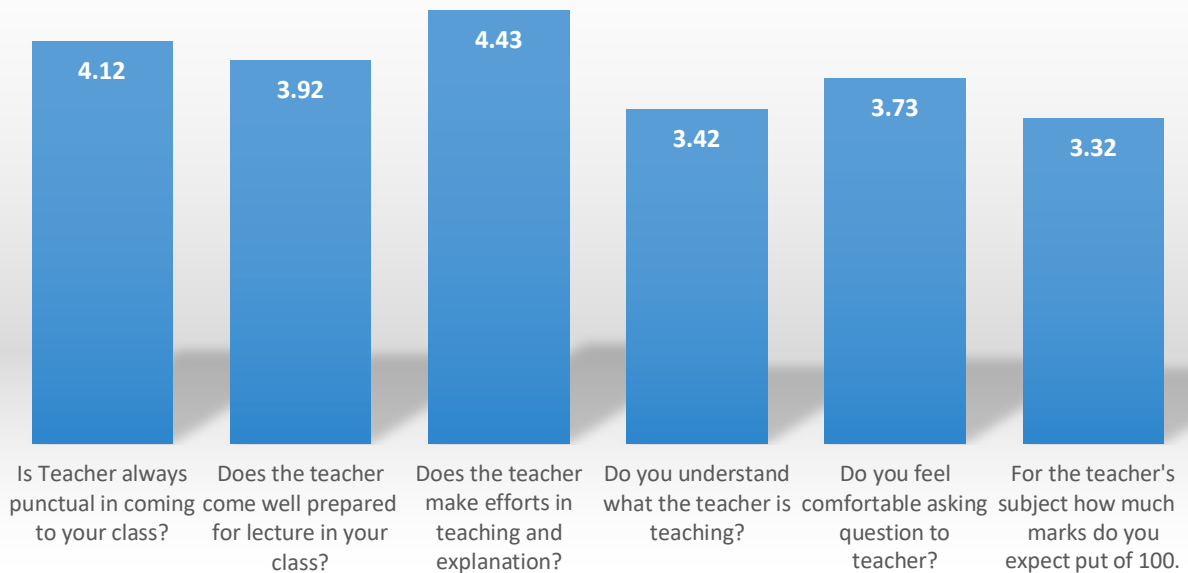


## Student Feedback on Estimate and Costing



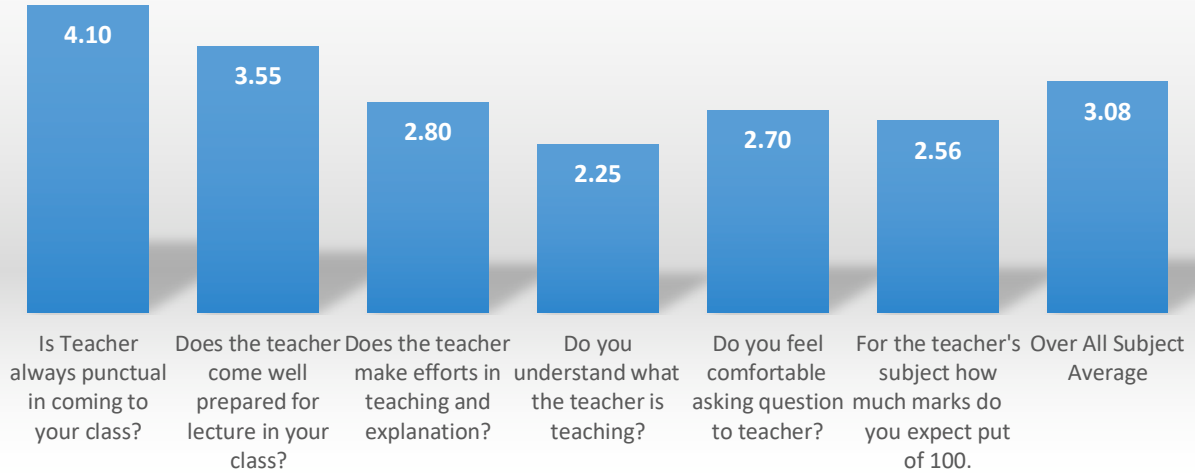
The overall charts is as follows –

## Student Feedback - 6th Semester

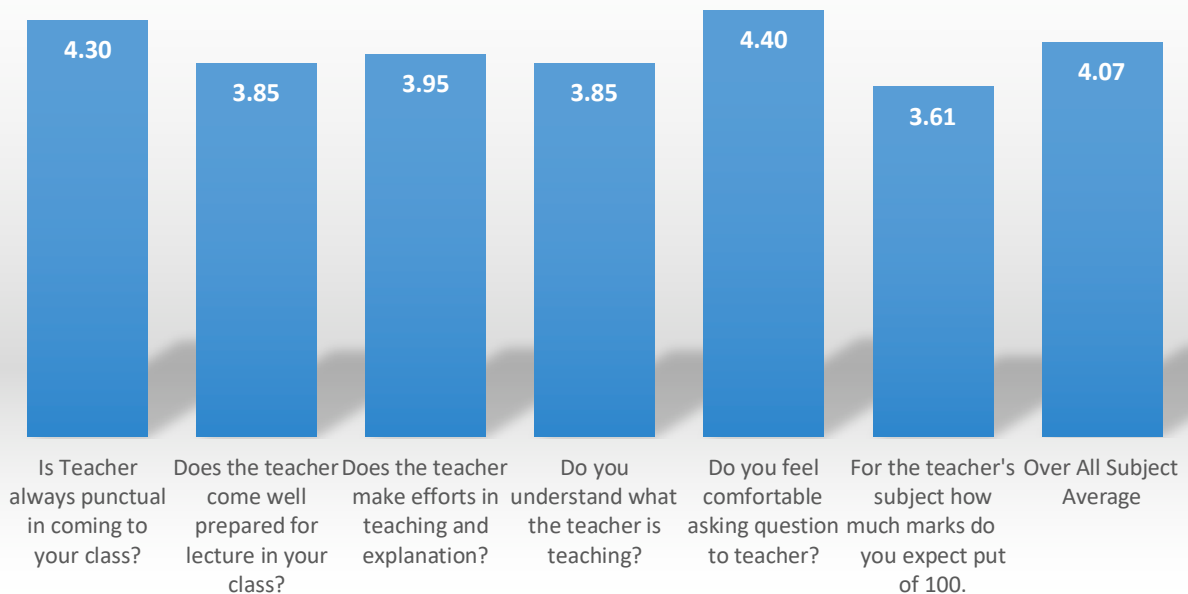


**BTech Eighth Sem ( 2017-21 Batch )**

## Student Feedback on Project Planning & Construction Management

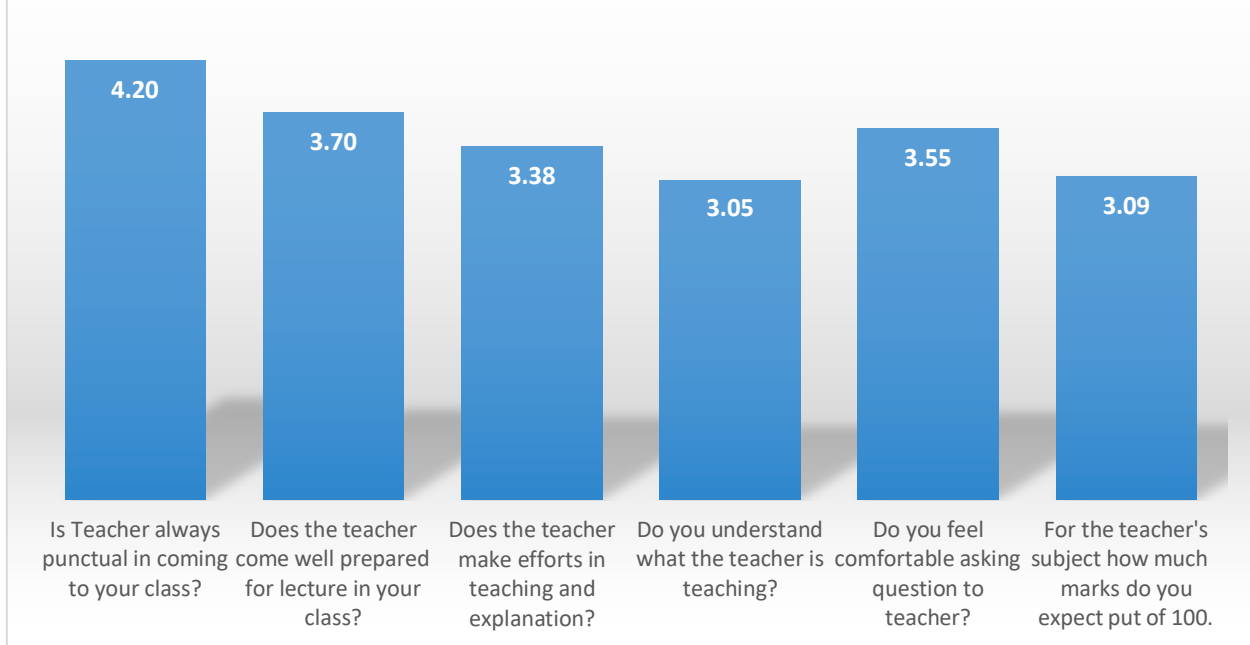


## Student Feedback on DM



The overall chart is as follows-

## Student Feedback - 8th Semester



### **ACTION TAKEN BASED ON FEEDBACK**

- Faculty of Advanced Engineering Mathematics I had been replaced after giving several chances for improvement
- The Head counseled faculty for Construction Technology and Equipment for improving in efforts to be put for classes. He has been asked to give notes that will be helpful for the students.
- Faculty of Transportation Engineering was changed.
- Faculty of Advanced Engineering Mathematics II was told to make the class more interactive.
- Faculty of Wind and Seismic Analysis was counseled and asked to use microphone so that voice was audible from last bench. After that the problem was resolved..

*Rakesh*

**Mr Rakesh Yadav**  
Head, Department of Civil Engineering

**STUDENT FEEDBACK ANALYSIS AND ACTION TAKEN (2020-21)**  
**DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING**

**PART A (Student's Feedback on Faculty Performance during the classroom)**

The institute conducts student feedback on academic level and syllabus transaction. The rating is normally given on a scale of 1 to 5.

Feedback was collected from students and based on their answers the following charts were prepared to analyze the results.

Question 1 in the feedback form: Is teacher always punctual in coming to your class?

Question 2 in the feedback form: Does the teacher come well prepared for lecture in your class?

Question 3 in the feedback form: Does the teacher make efforts in teaching and explanation?

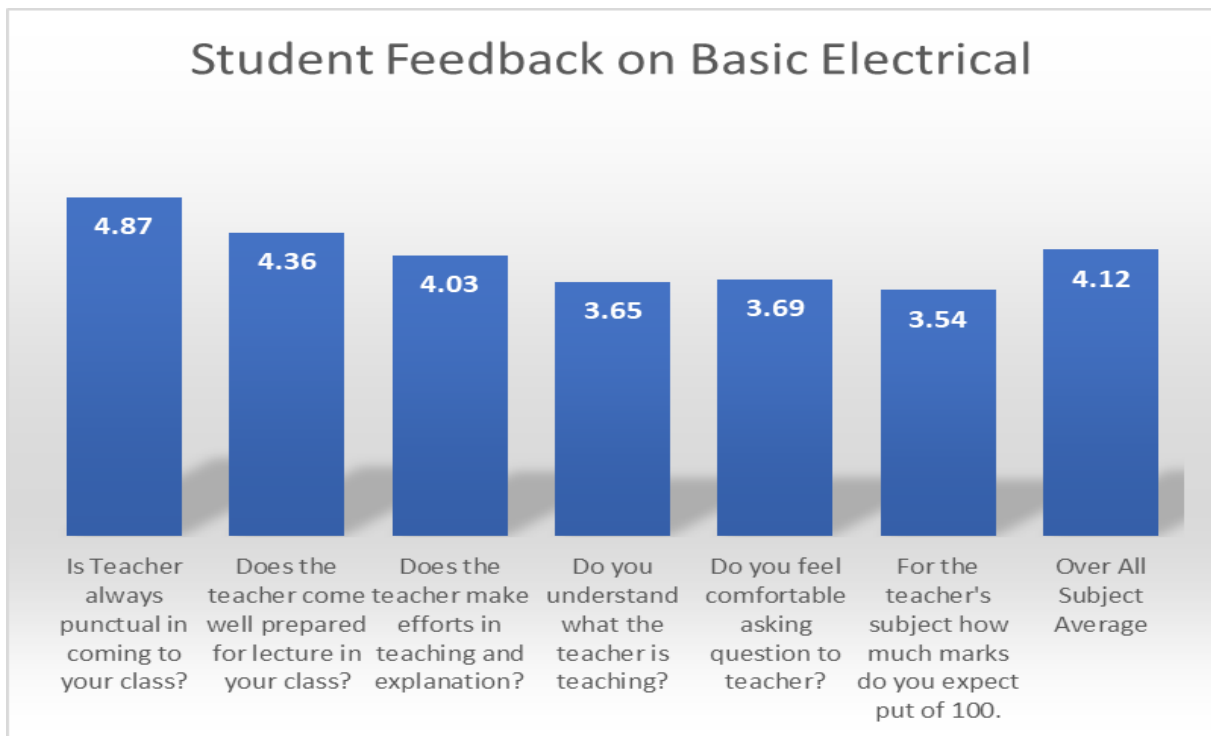
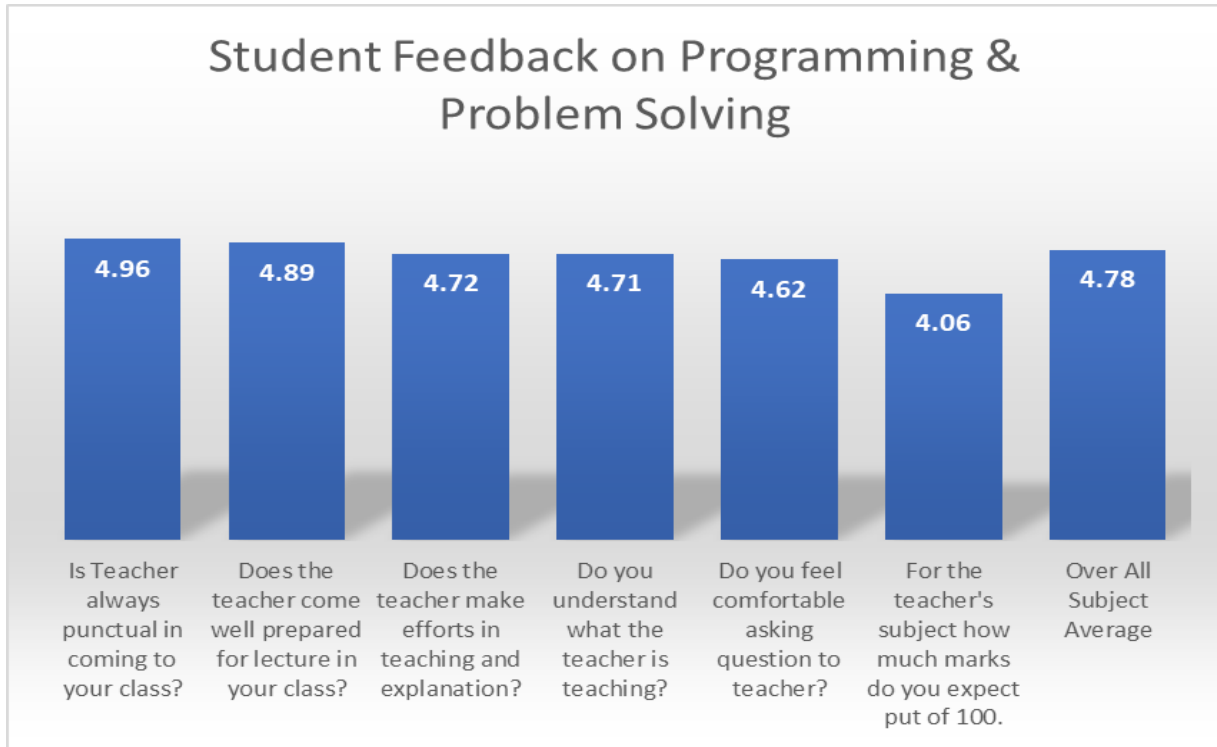
Question 4 in the feedback form: Do you understand what the teacher is teaching?

Question 5 in the feedback form: Do you feel comfortable asking question to teacher?

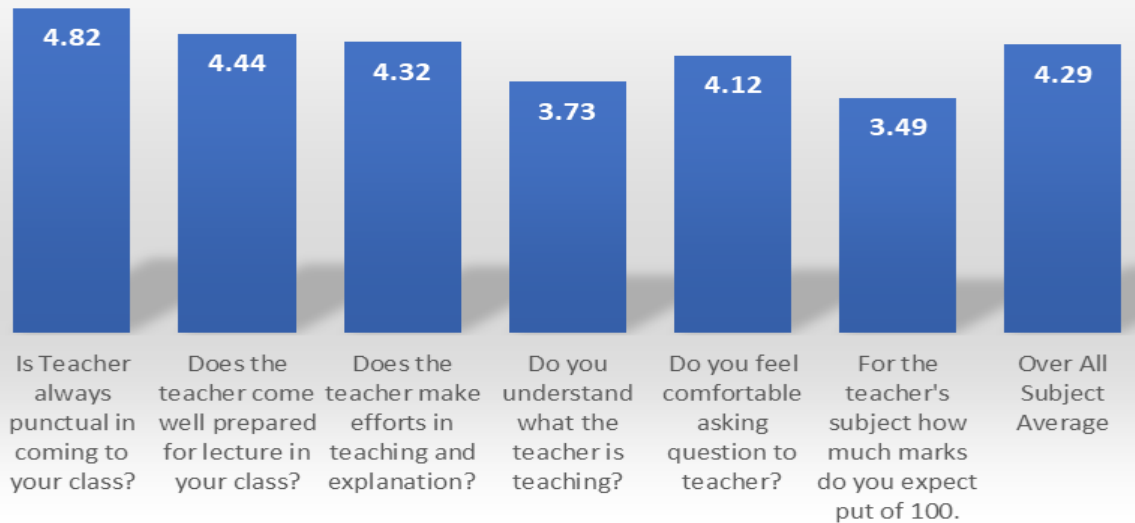
Question 6 in the feedback form: For the teacher's subject how much marks do you expect out of 100

**Odd semester**

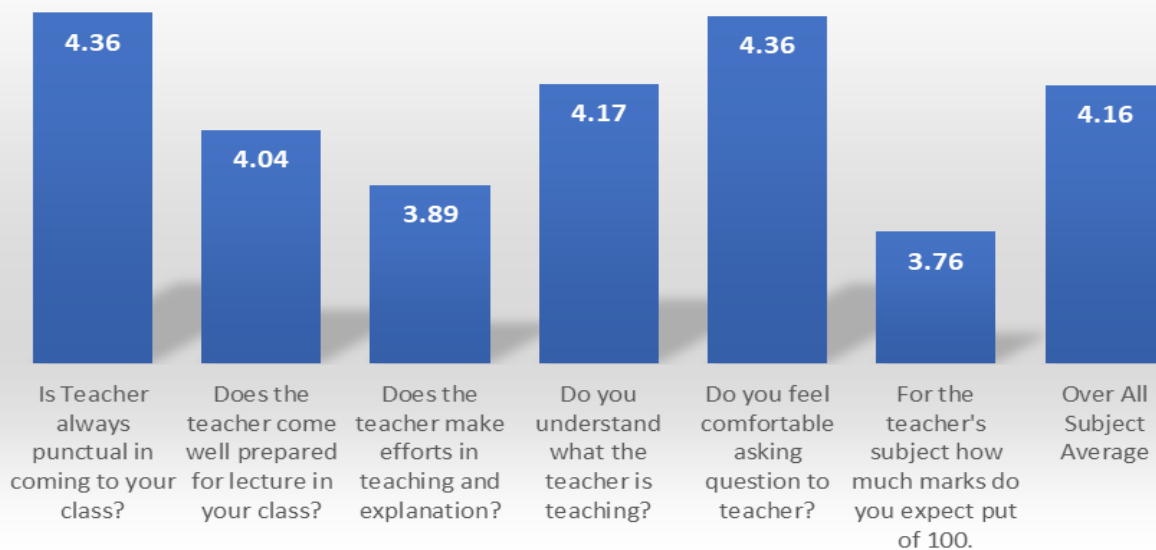
**BTech First Sem ( 2020-24 Batch )**



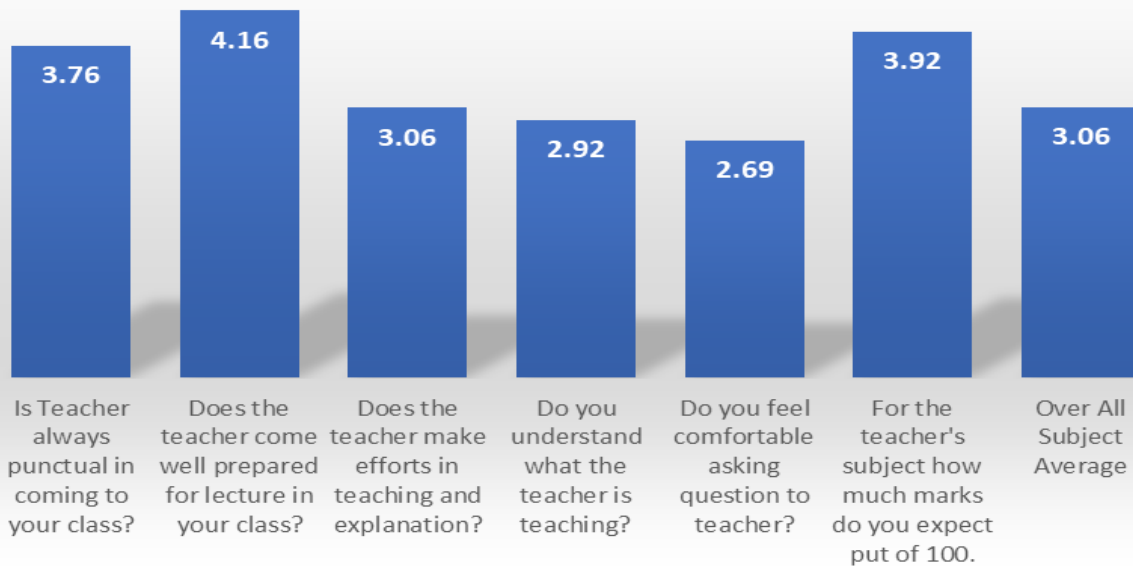
## Student Feedback on Eng. Maths



## Student Feedback on Human Values

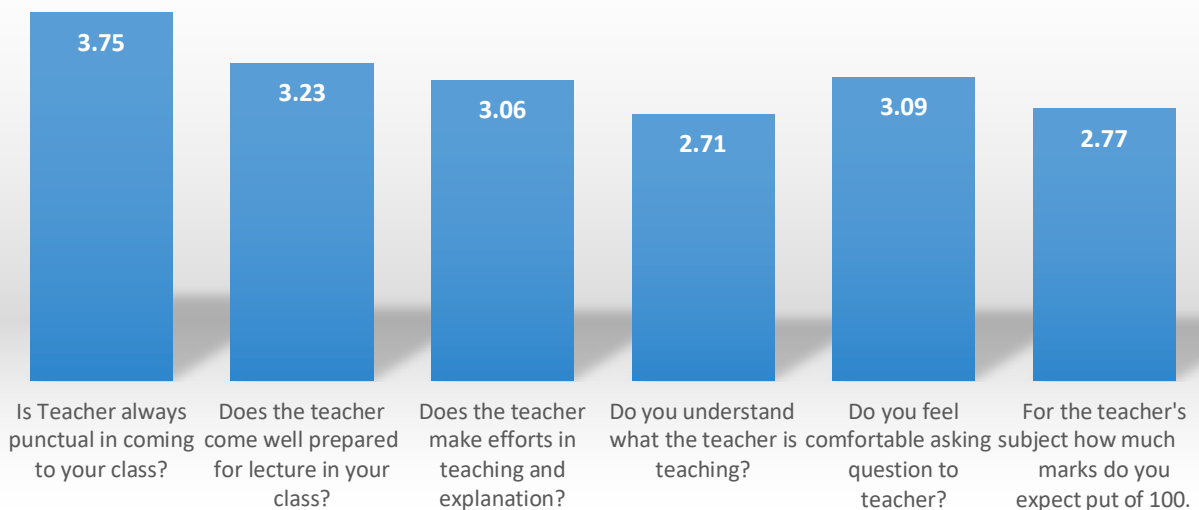


## Student Feedback on Eng. Physics

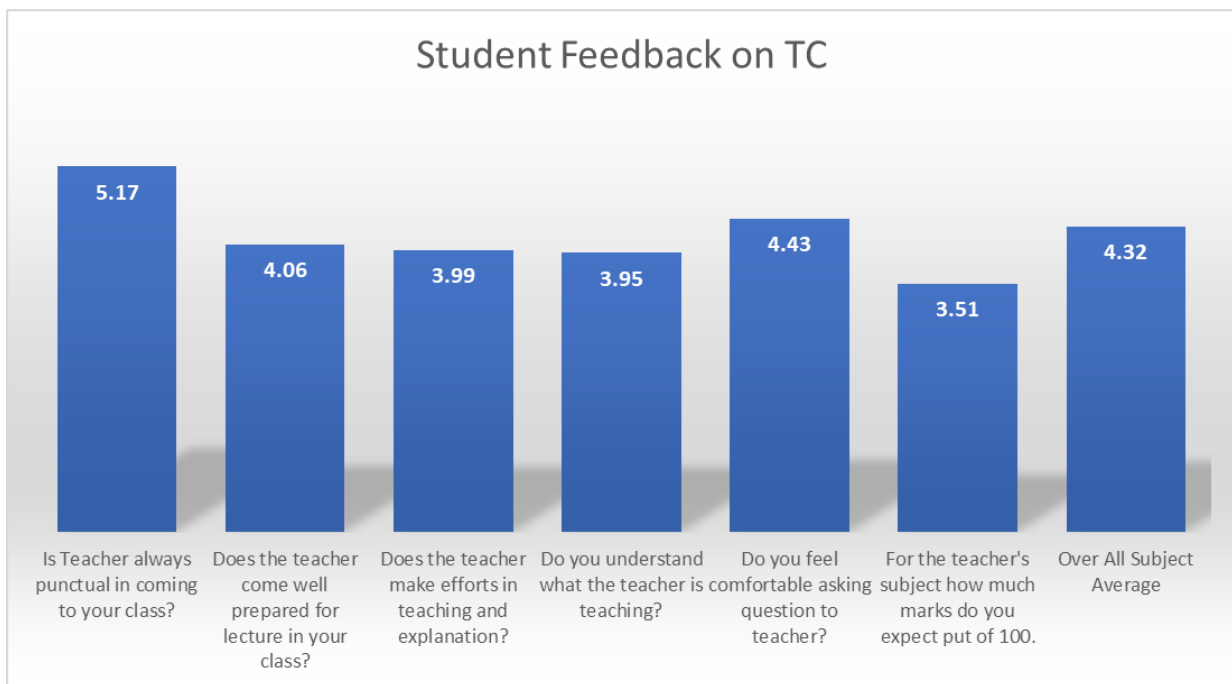
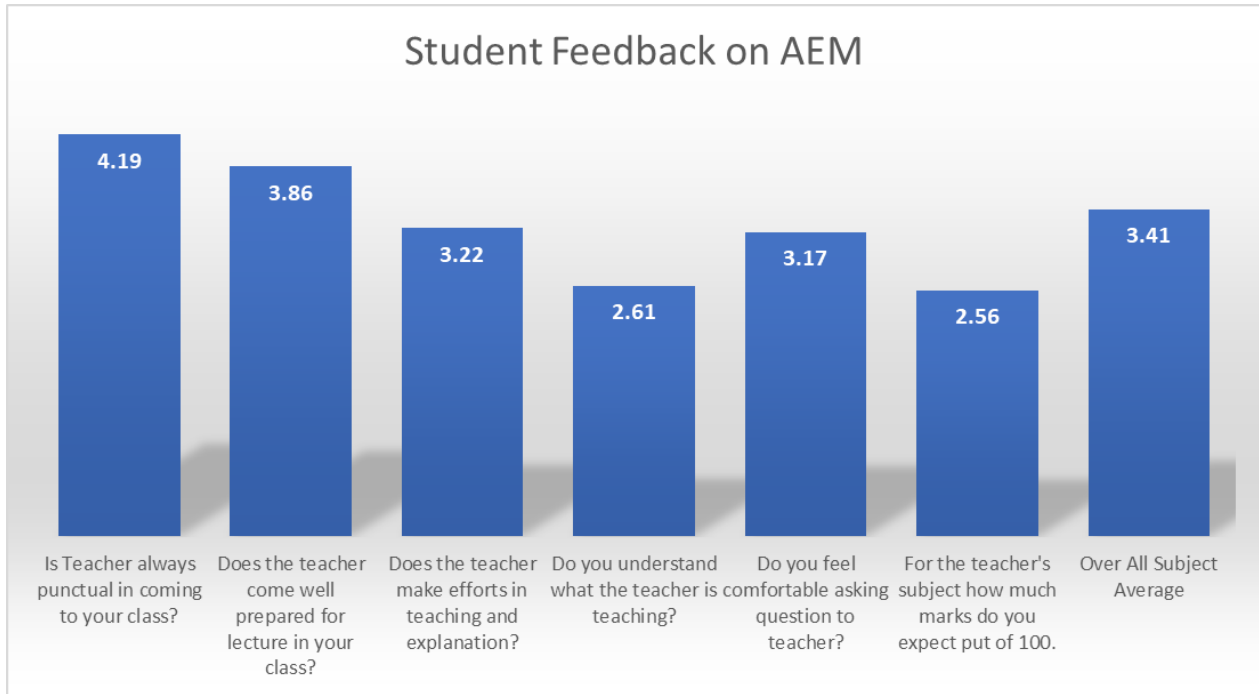


**The overall feedback is as follows –**

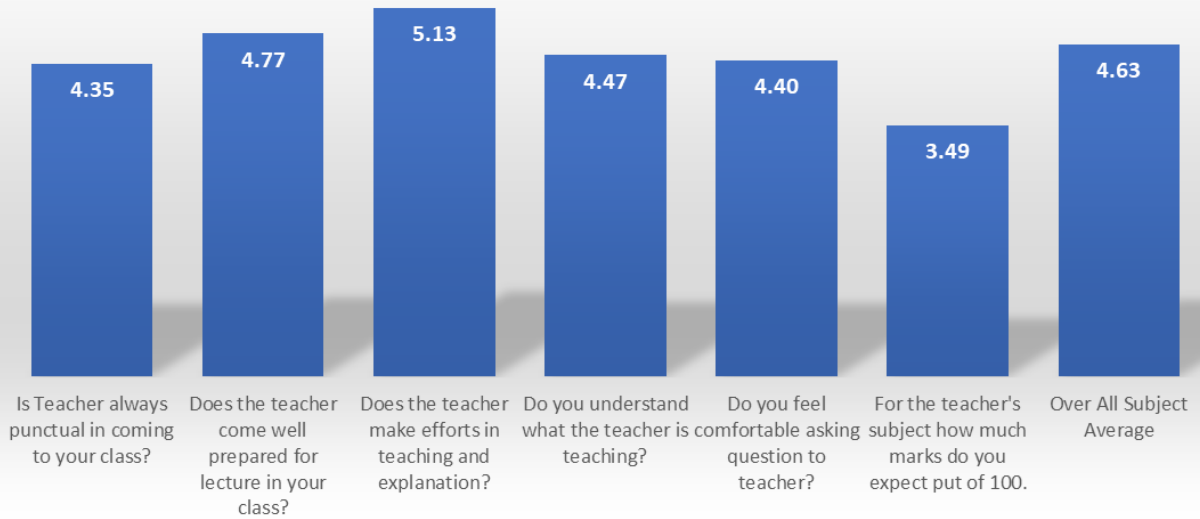
## 1st Sem Student Feedback



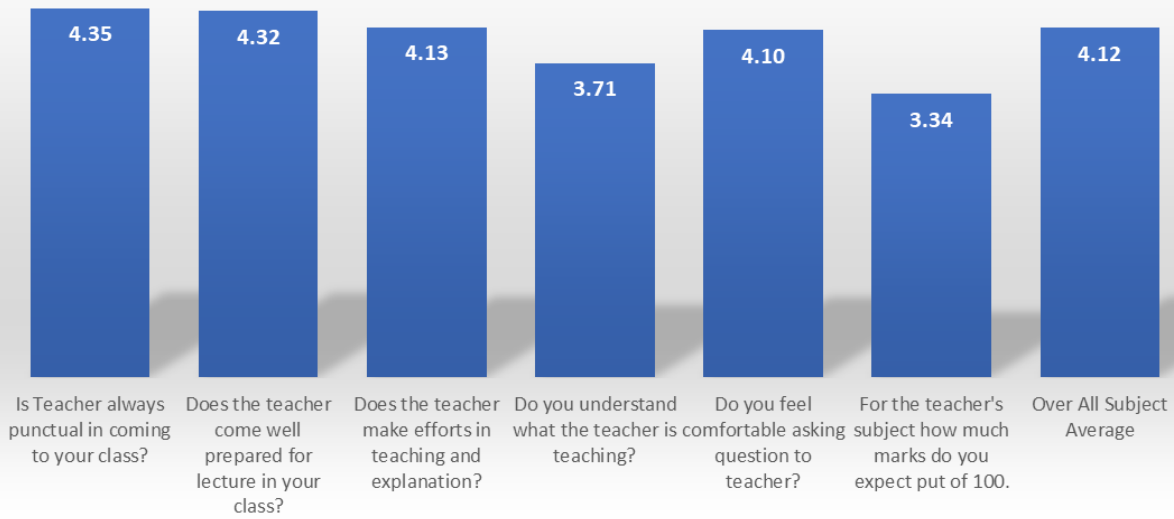
**BTech Third Sem ( 2019-23 Batch )**



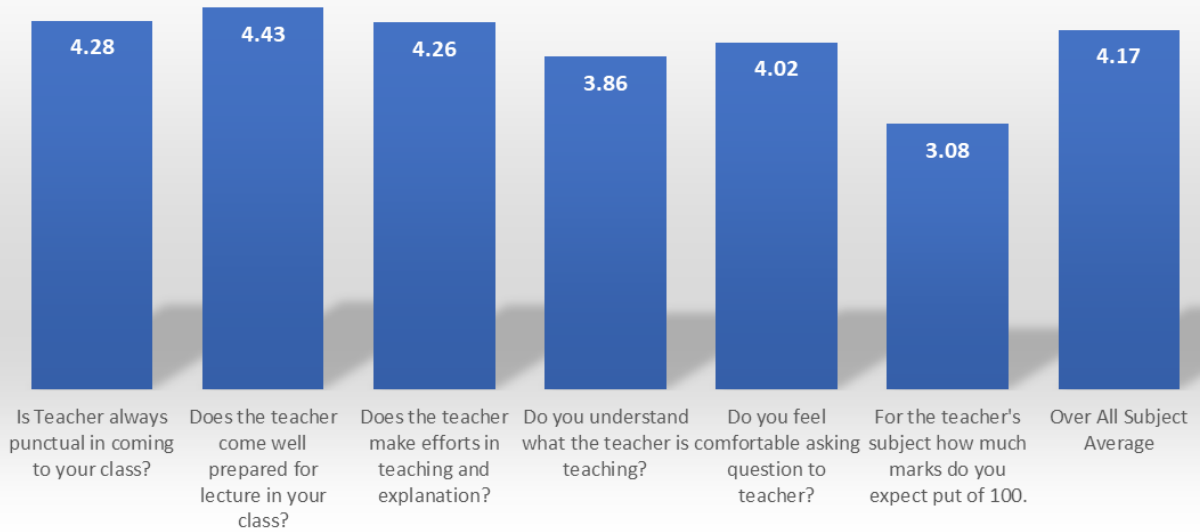
## Student Feedback on OOPS



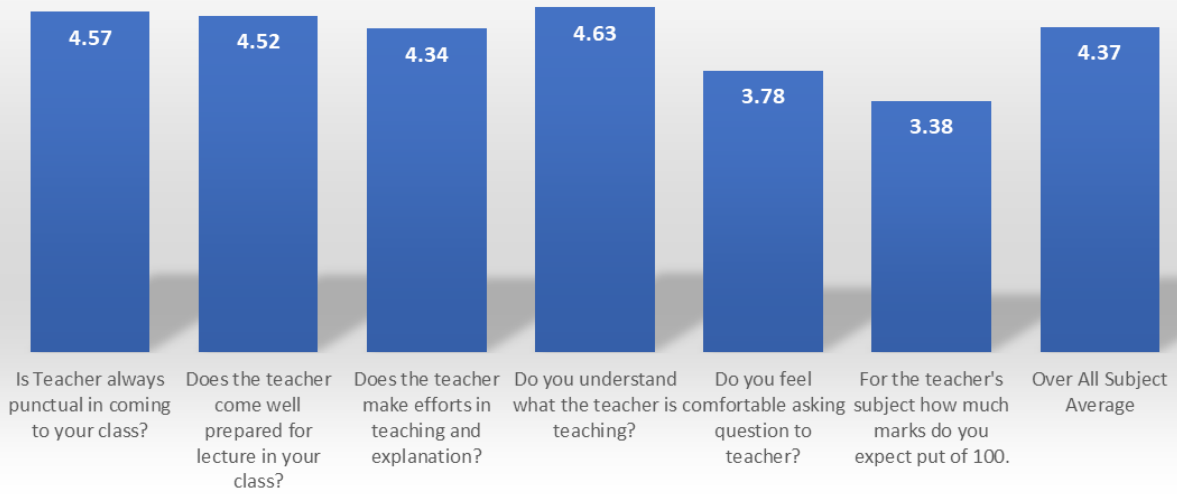
## Student Feedback on Software Eng.



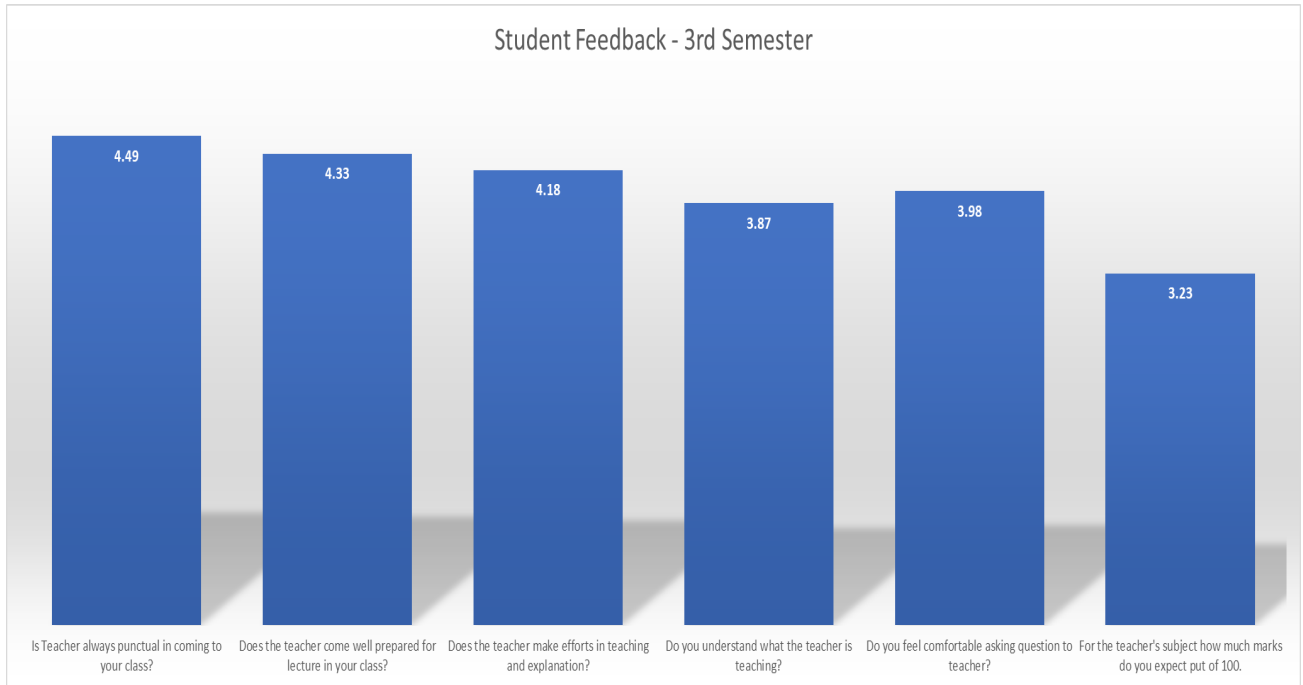
## Student Feedback on DE



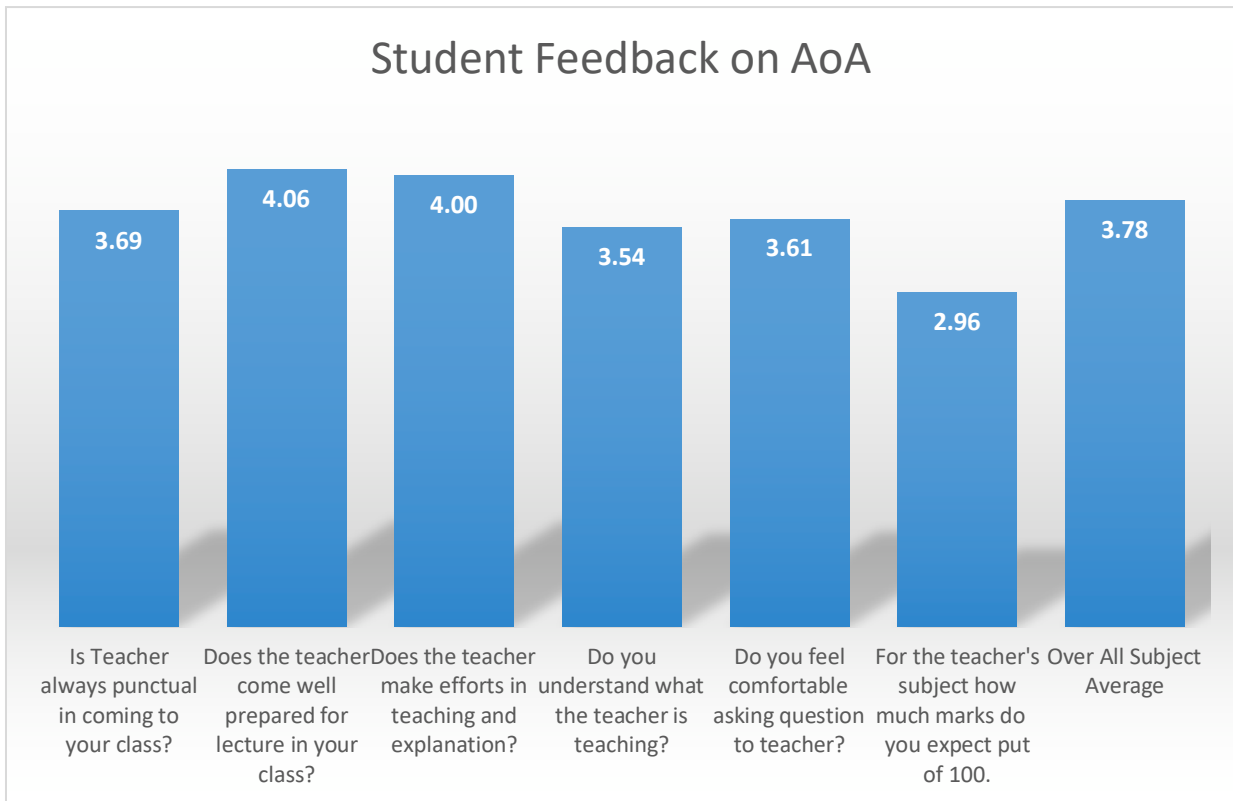
## Student Feedback on DSA



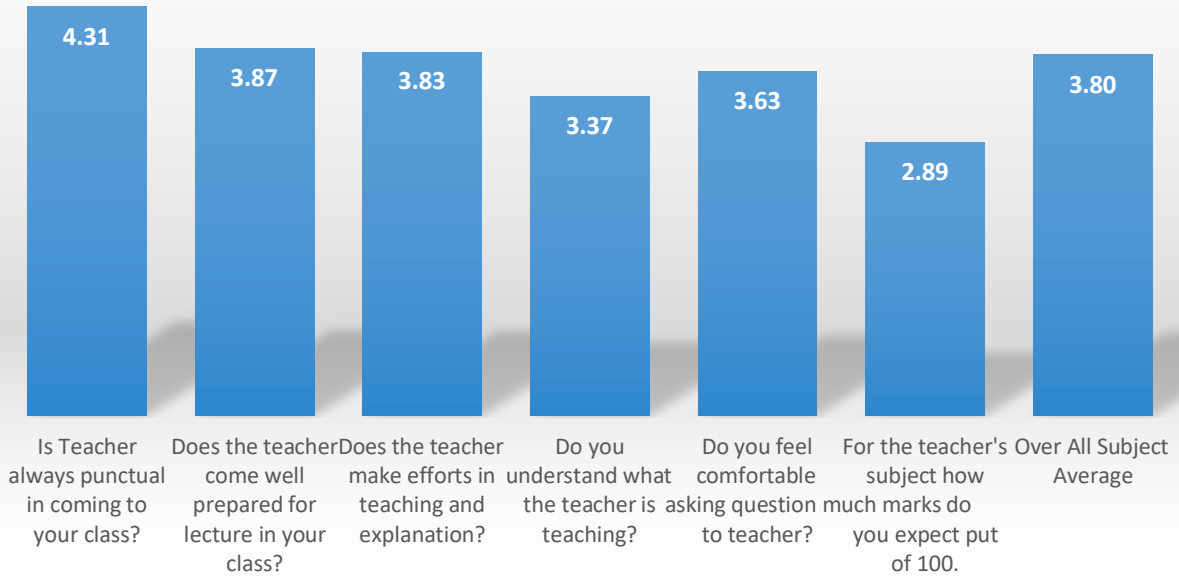
The overall chart is as follows –



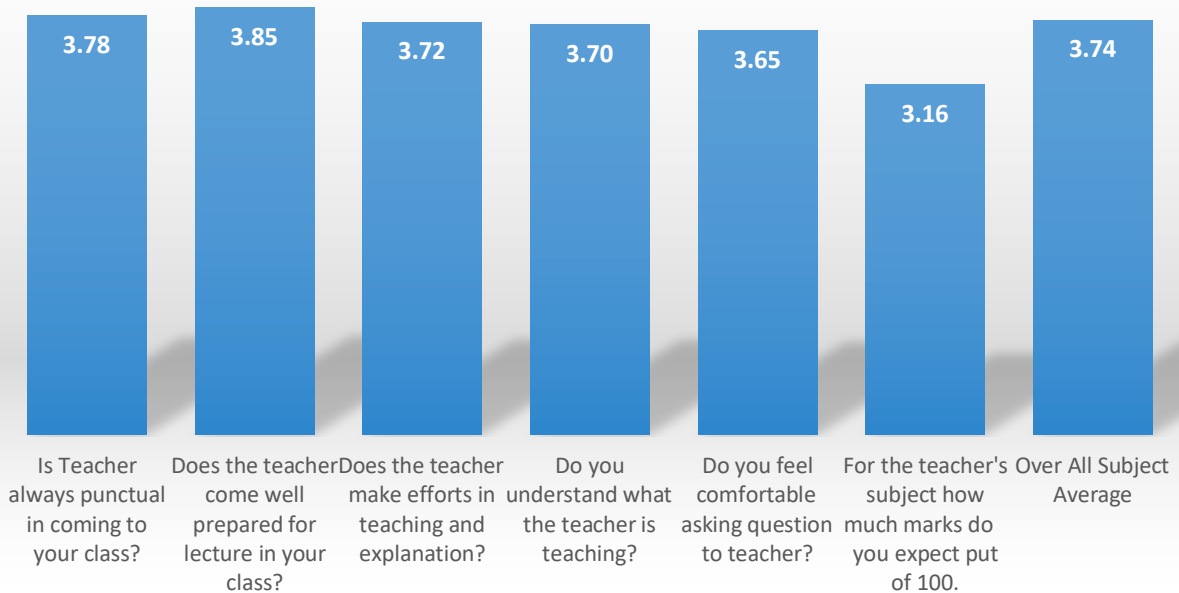
### BTech Fifth Sem ( 2018-22 Batch )



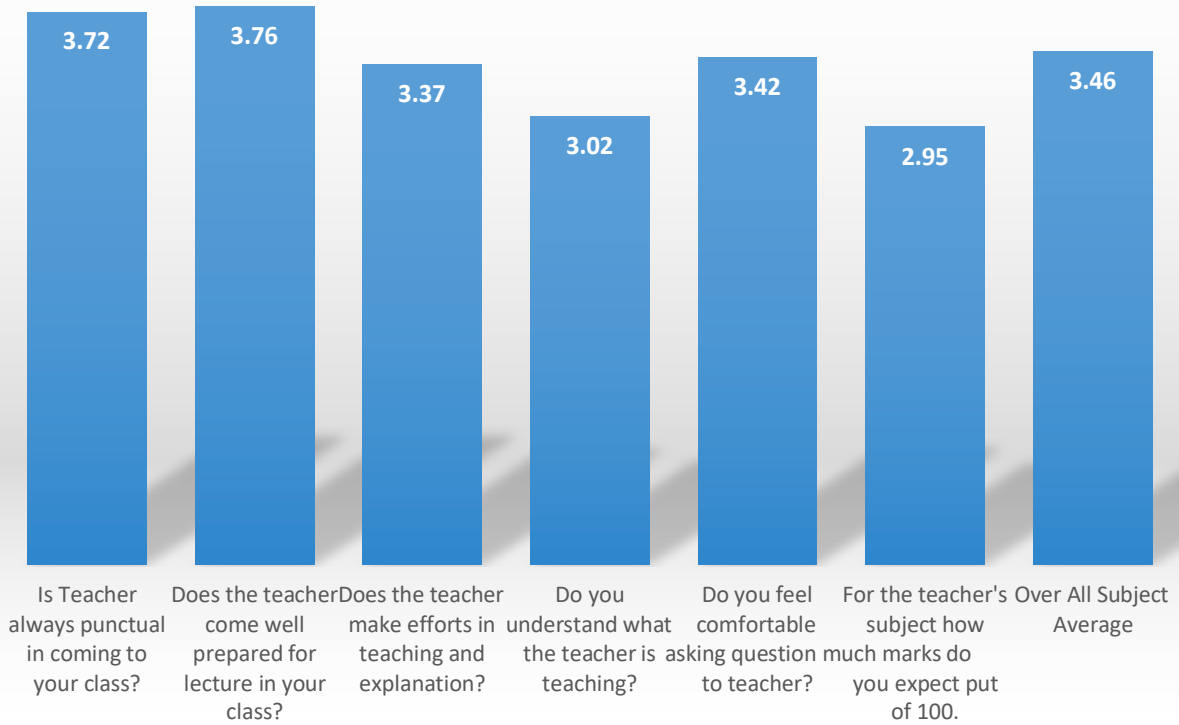
## Student Feedback on Information Theory & Coding



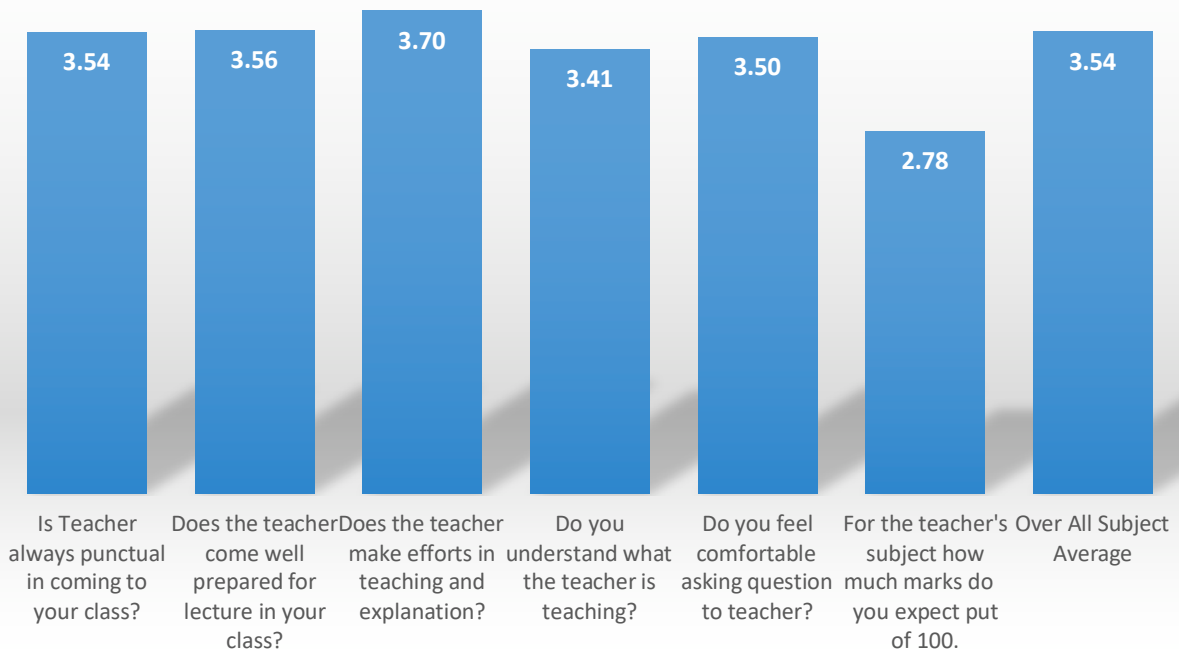
## Student Feedback on Operating System



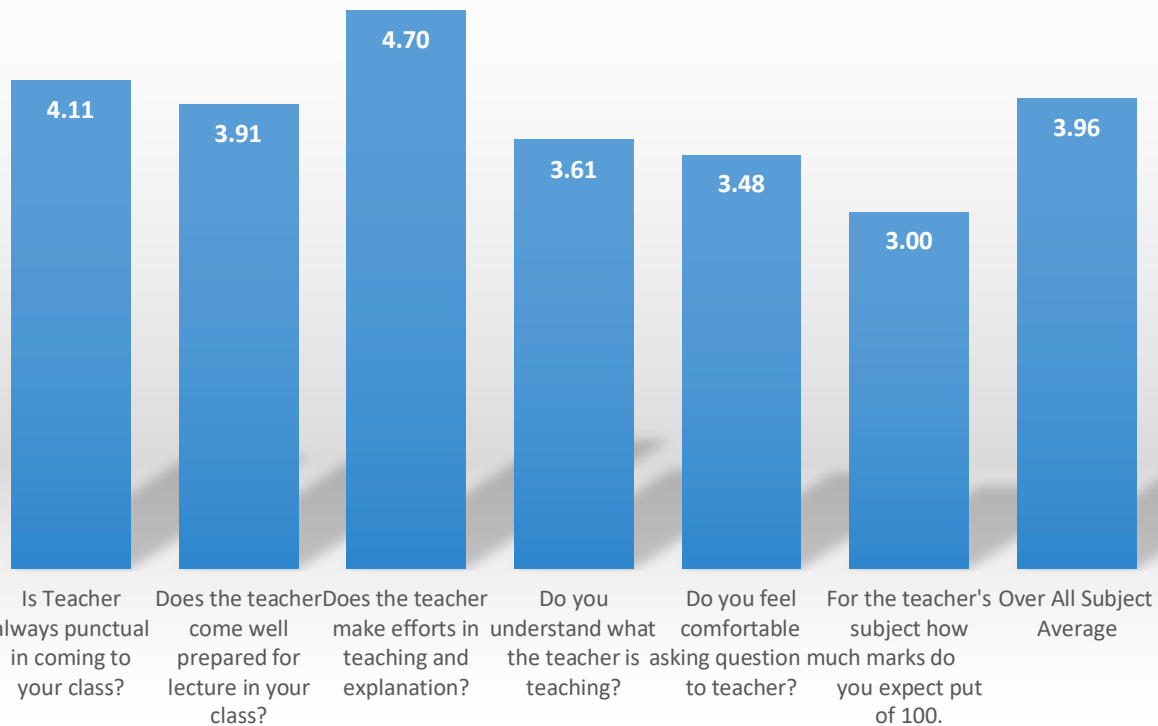
## Student Feedback on HCI



## Student Feedback on Compiler Design

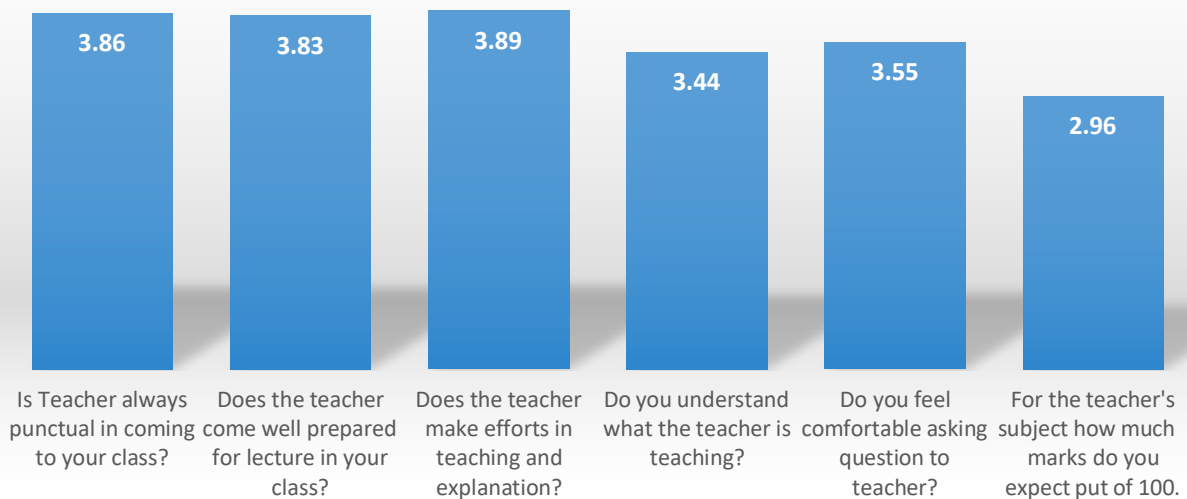


## Student Feedback on ComputerGraphics

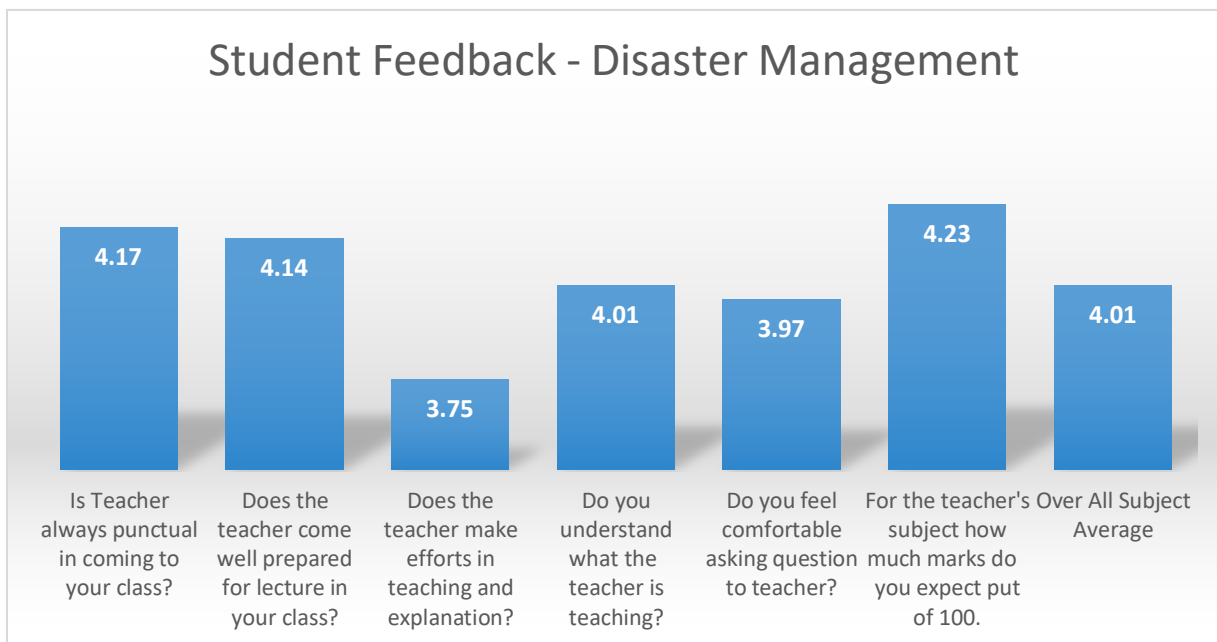
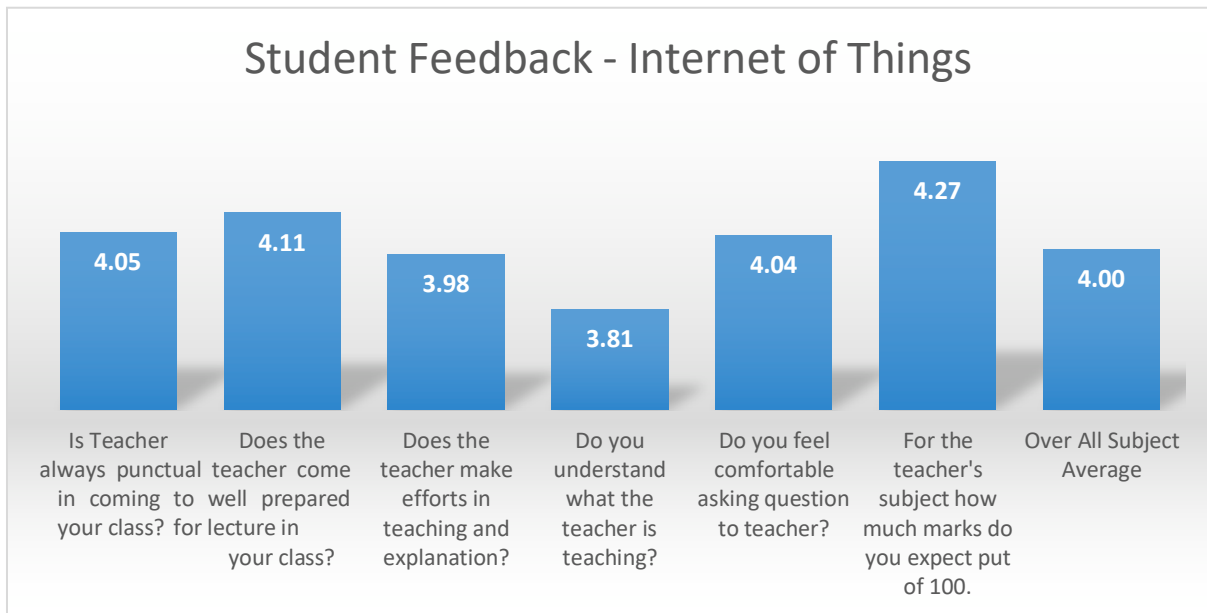


The overall chart is as follows –

## Student Feedback - 5th Semester

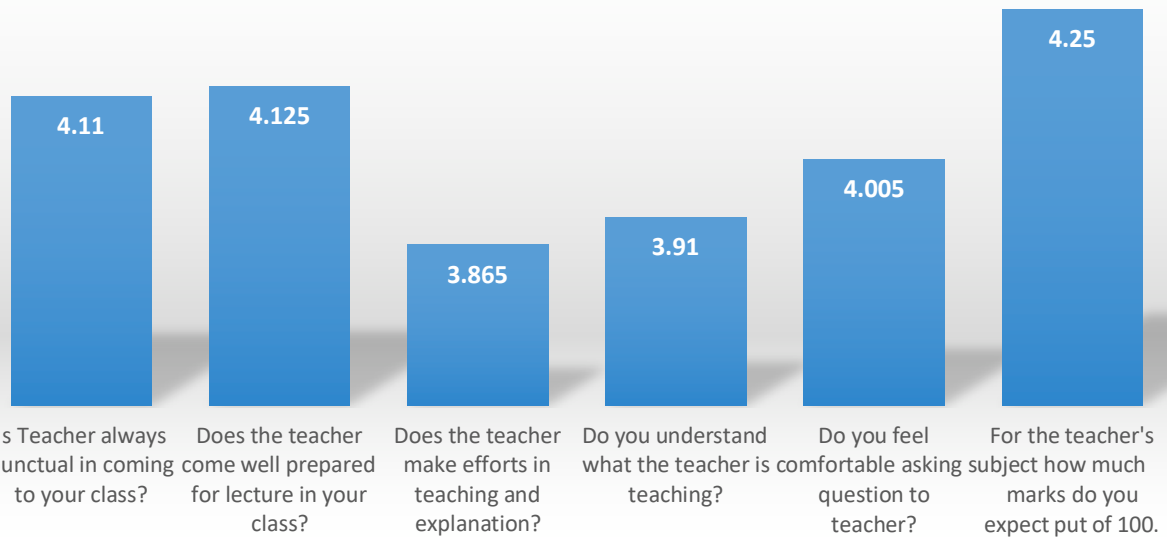


**BTech Seventh Sem ( 2017-21 Batch )**



The overall chart is as follows –

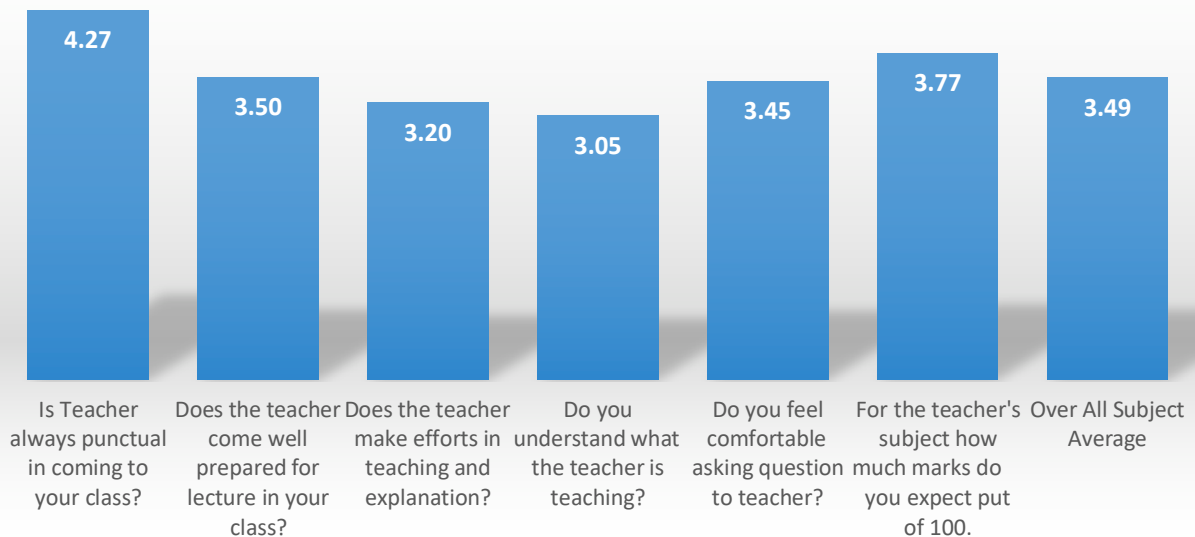
## Student Feedback - 7th Semester Session



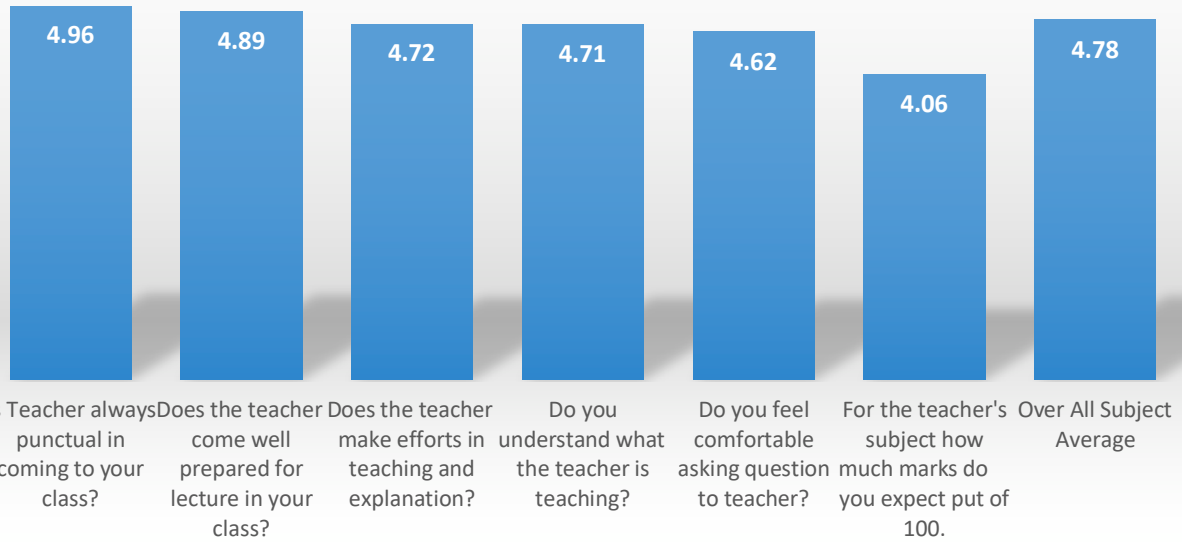
### Even semester

#### **BTech Second Sem ( 2020-24 Batch )**

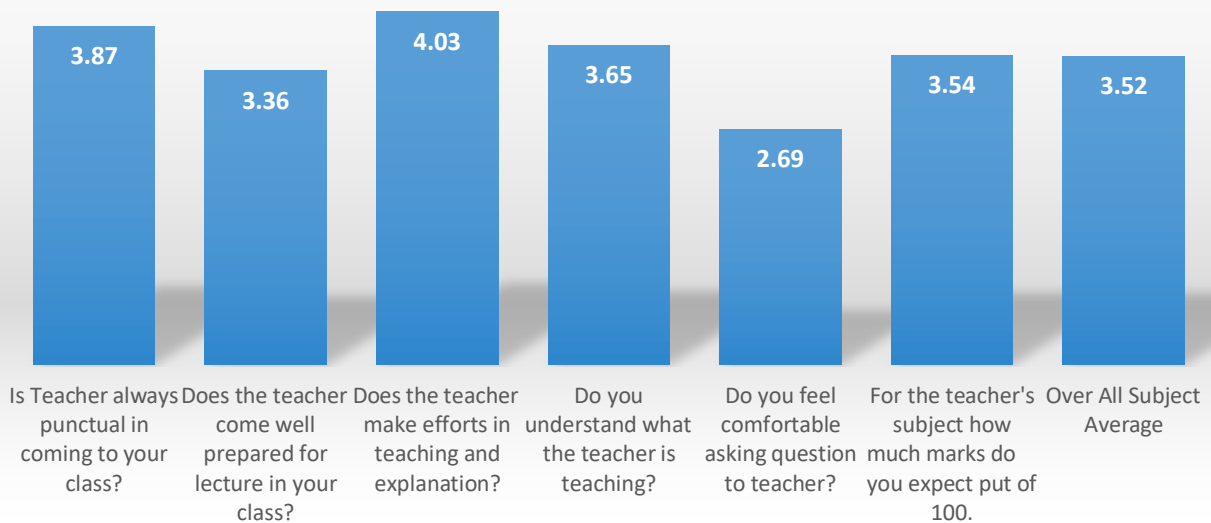
## Student Feedback on Engineering Mathemactics II



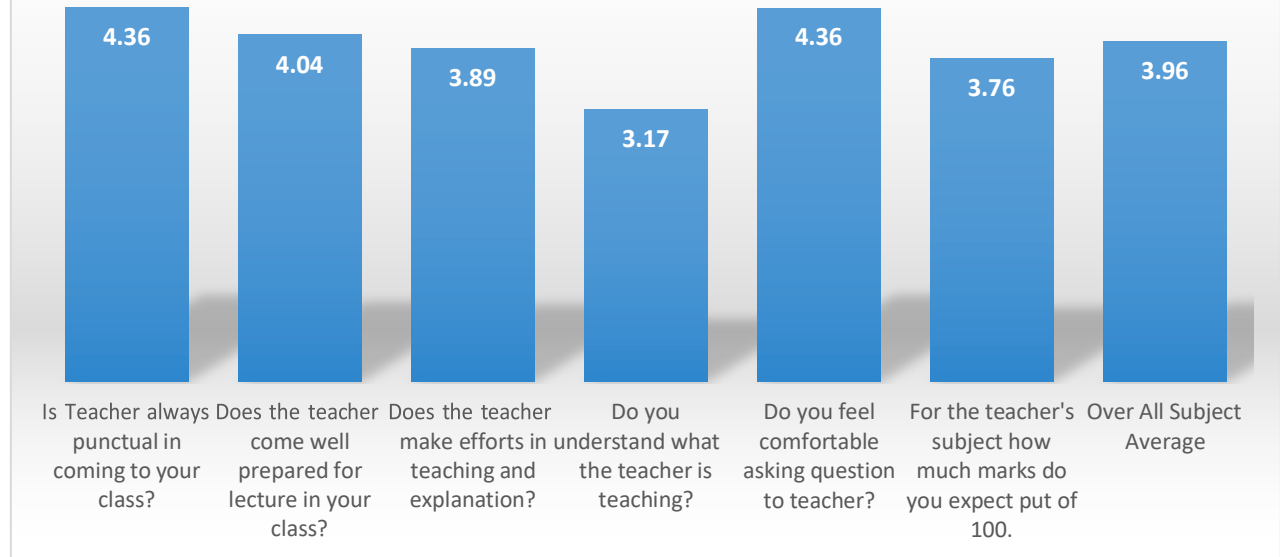
## Student Feedback on Engineering Chemistry



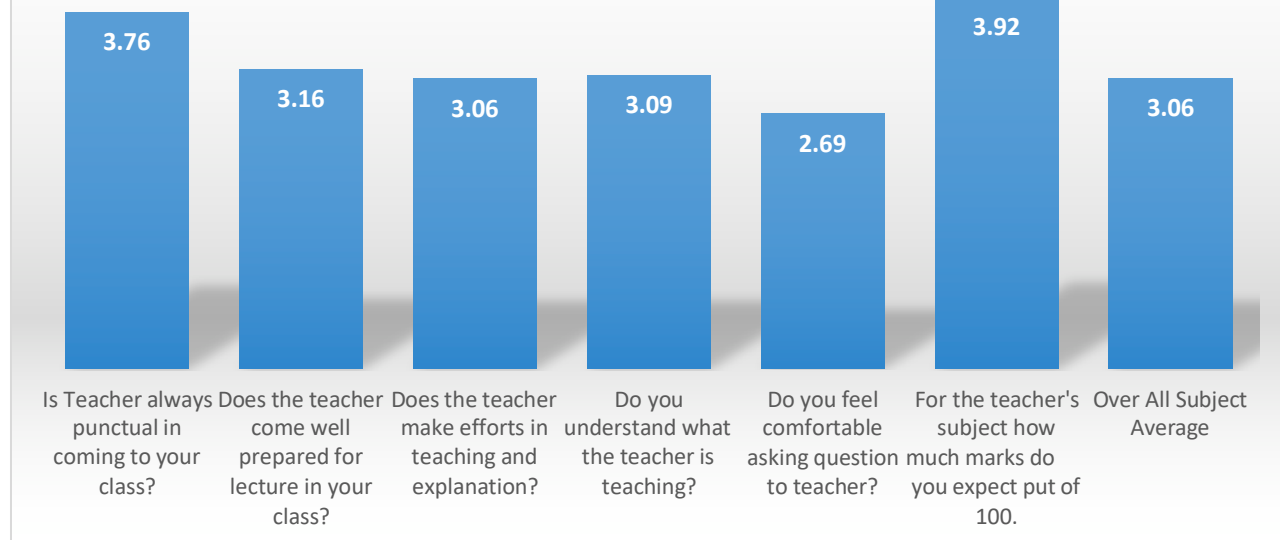
## Student Feedback on Basic Mechanical Engineering



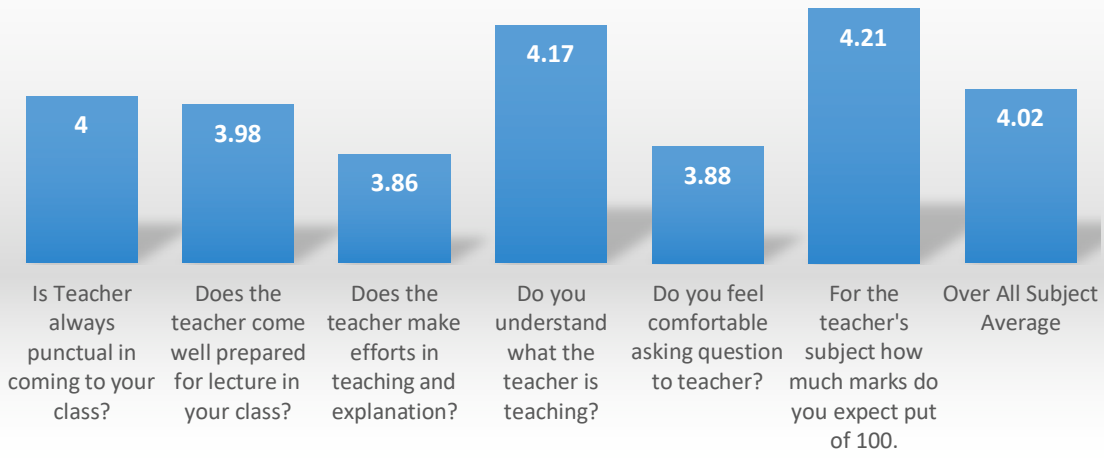
## Student Feedback on Basic Civil Engineering



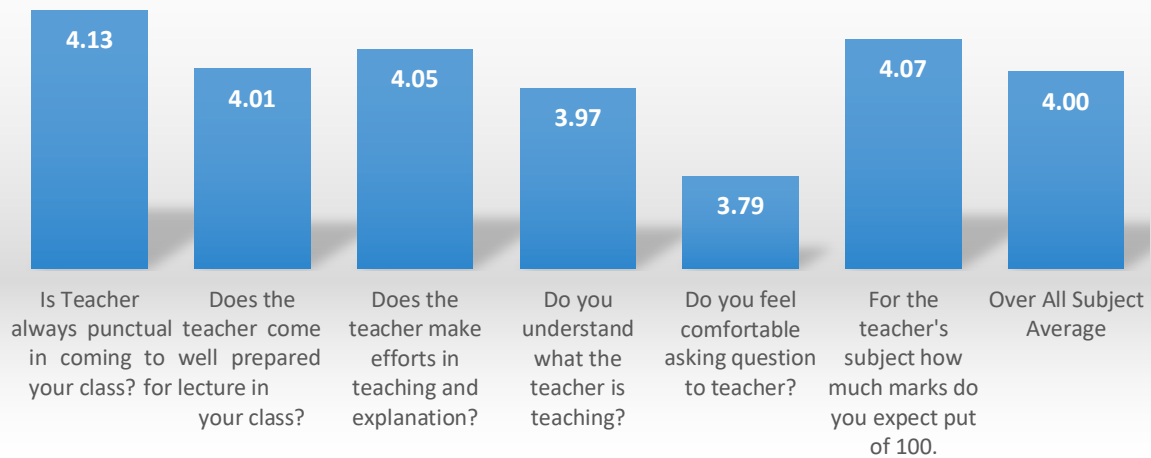
## Student Feedback on Communication Skills



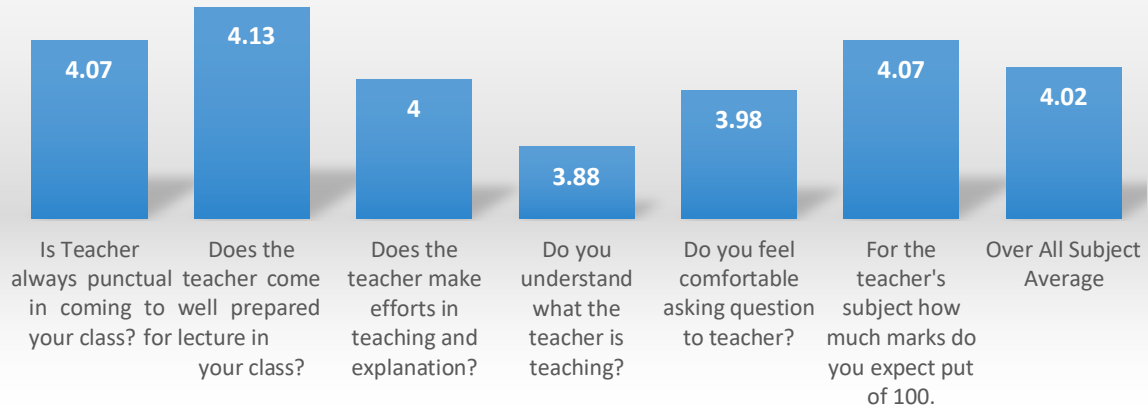
## Student Feedback - Discrete Math



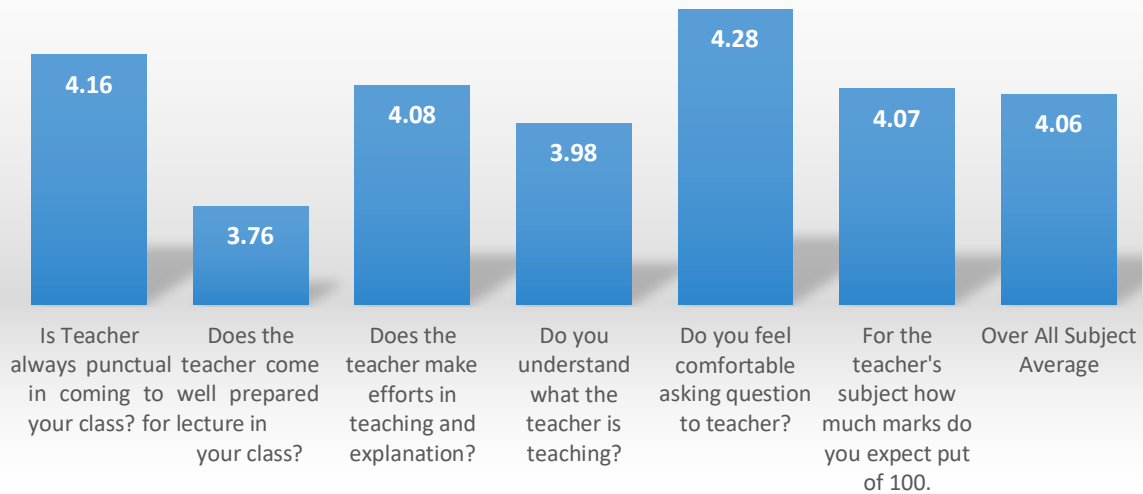
## Student Feedback - MEFA



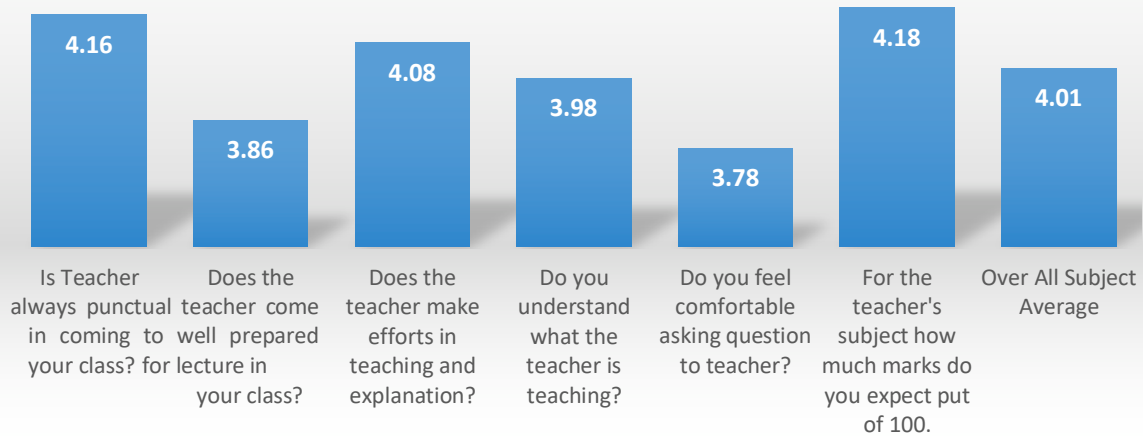
## Student Feedback - Microprocessor & Interface



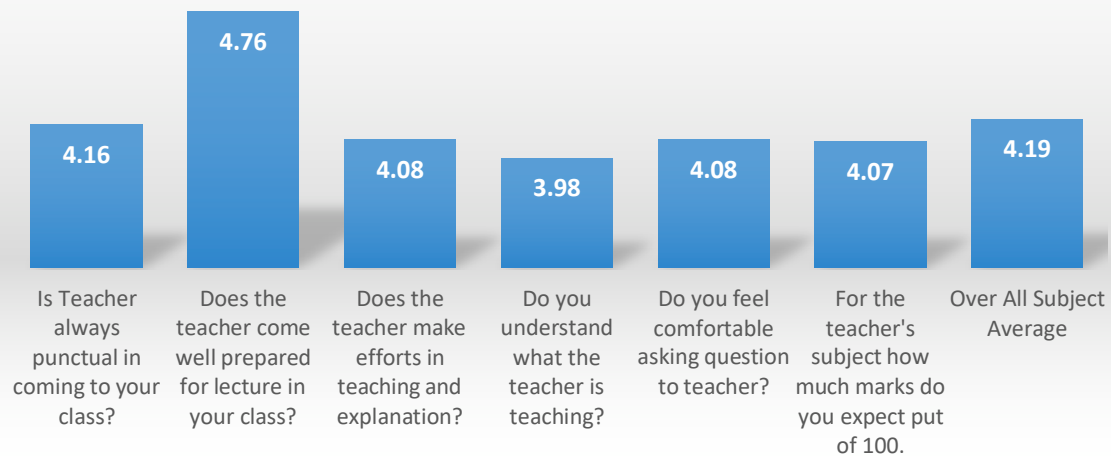
## Student Feedback - DBMS



## Student Feedback - Theory of Computation

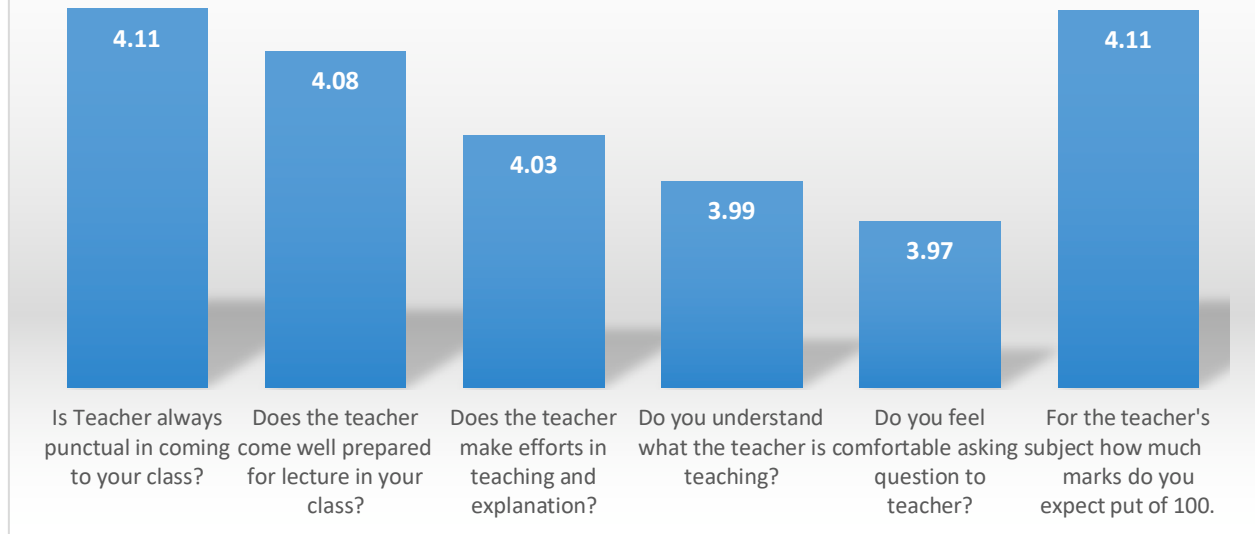


## Student Feedback - Data Communication & Computer Network



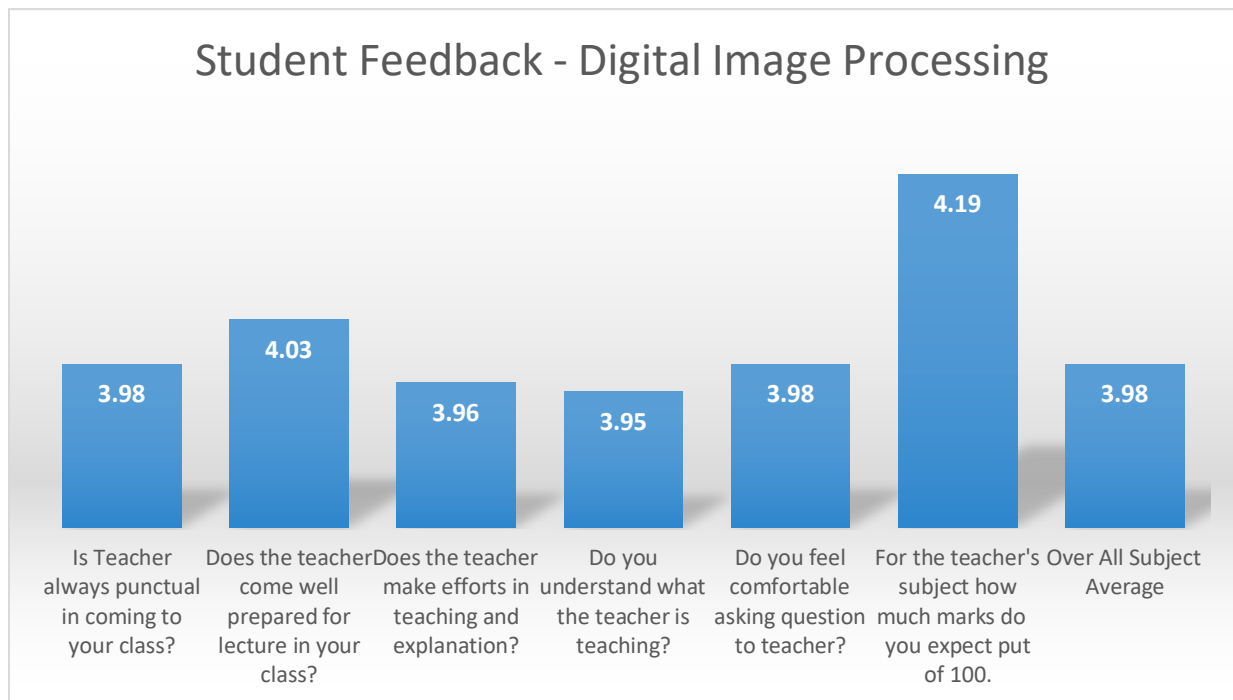
The overall chart is as follows –

## Student Feedback - 4th Semester Session

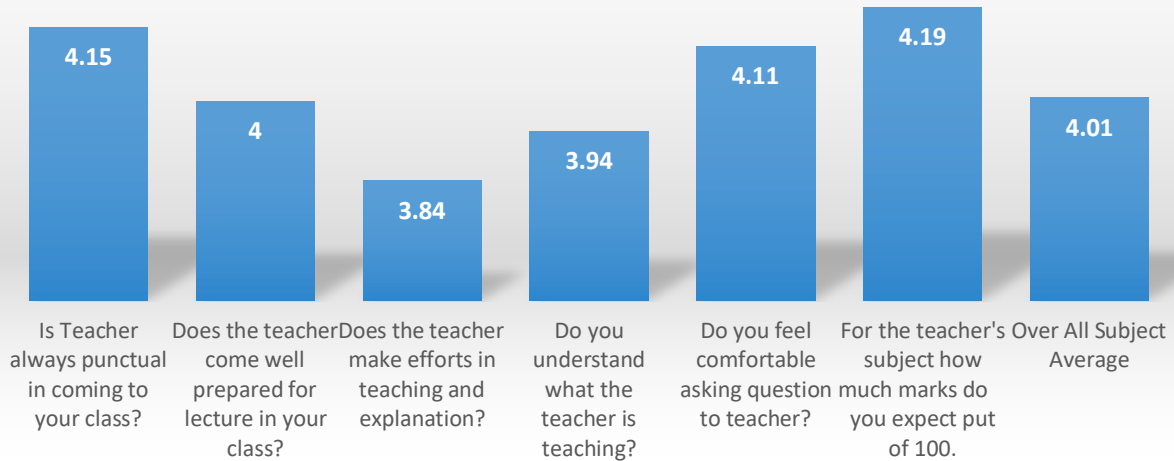


## BTech Sixth Sem ( 2018-22 Batch )

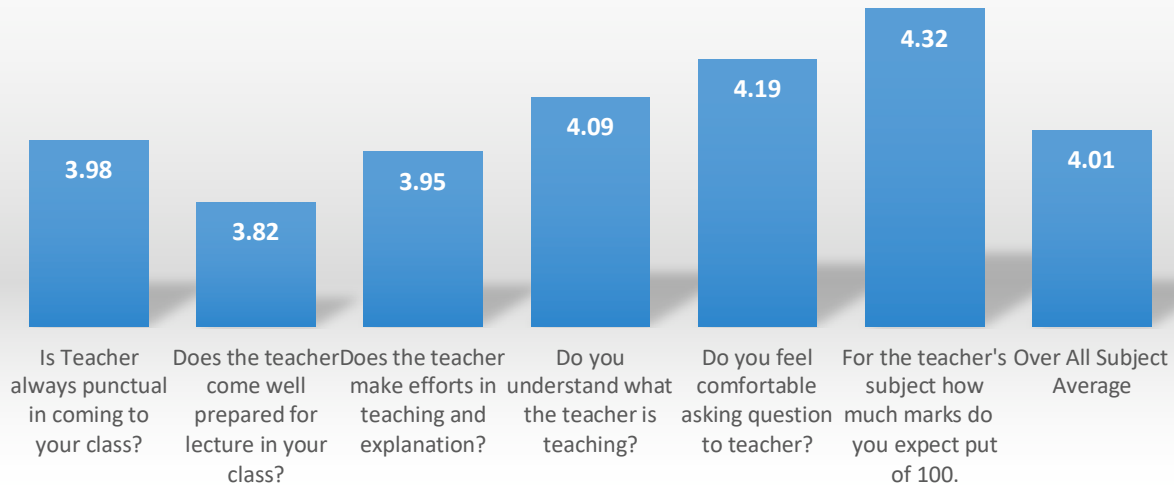
### Student Feedback - Digital Image Processing



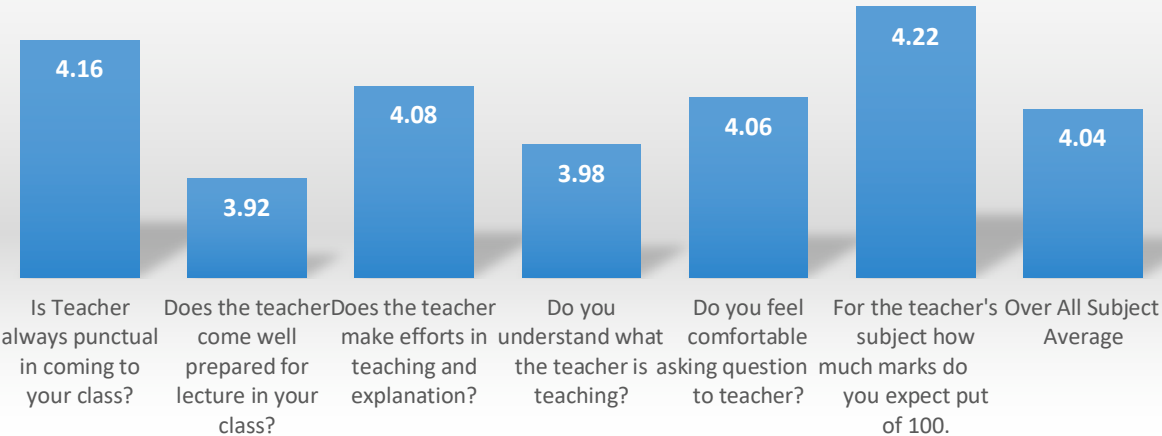
## Student Feedback - Machine Learning



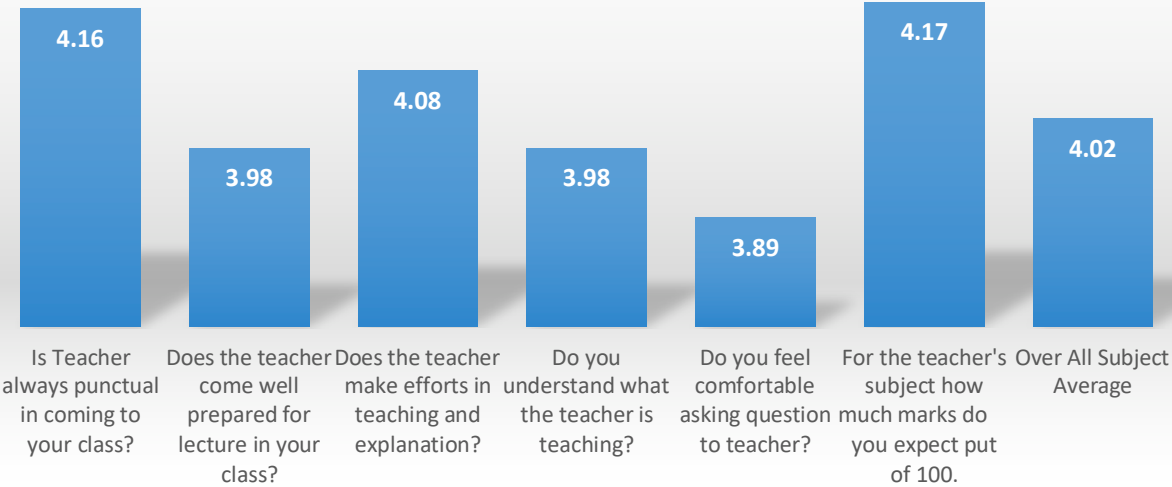
## Student Feedback - Information Security System



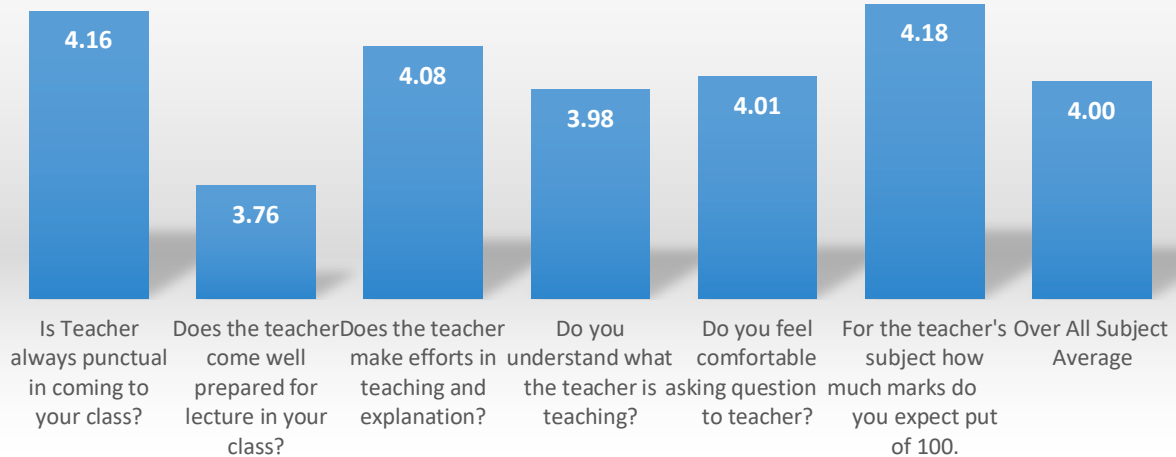
## Student Feedback - Computer Architecture & Organization



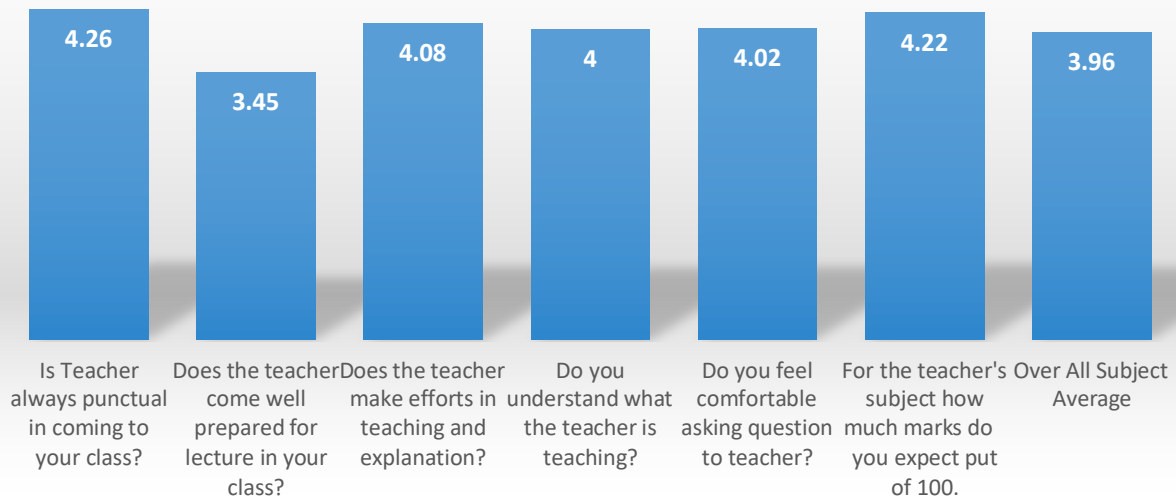
## Student Feedback - Artificial Intelligence



## Student Feedback - Cloud Computing

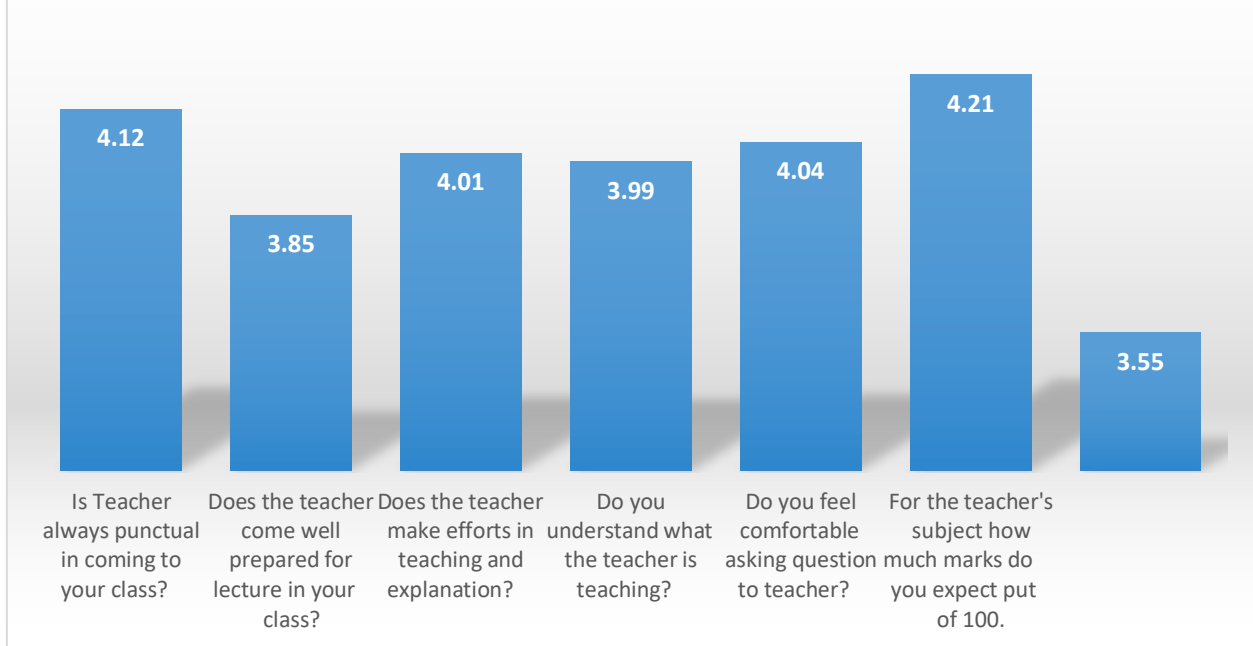


## Student Feedback - Distributed System



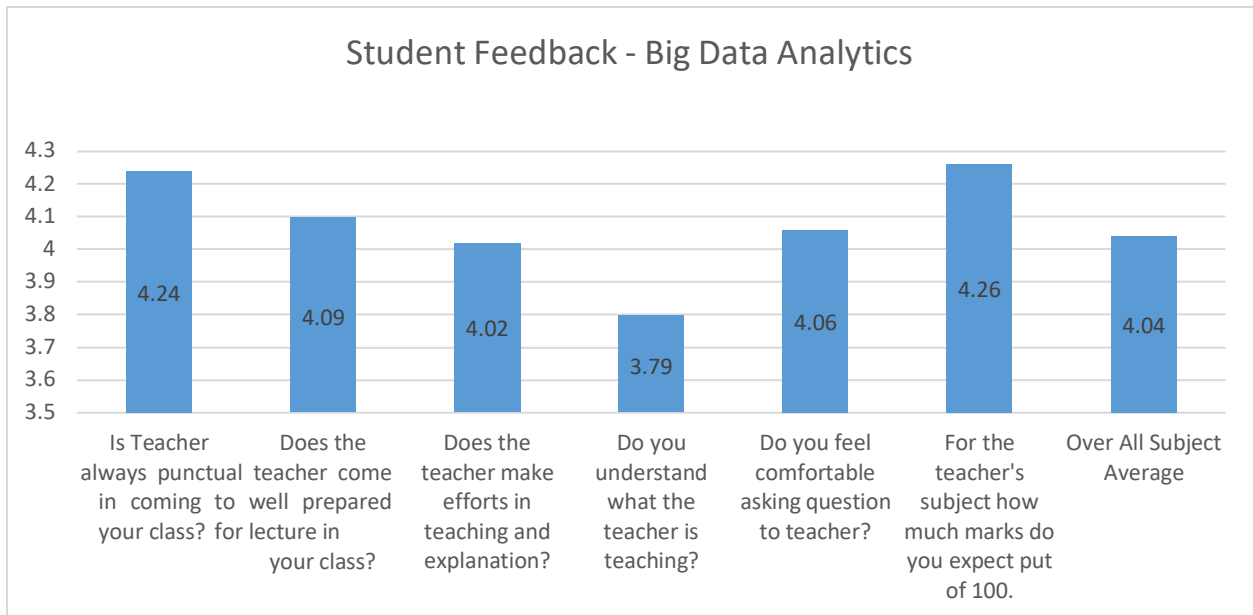
The overall charts is as follows –

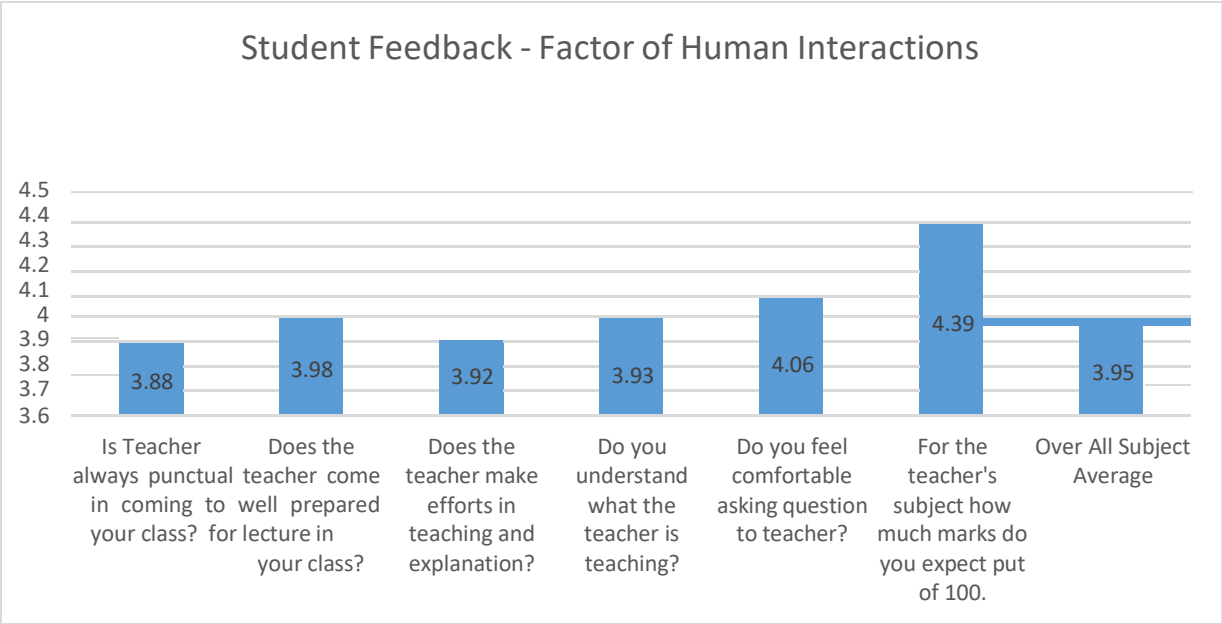
## Student Feedback - 6th Semester Session



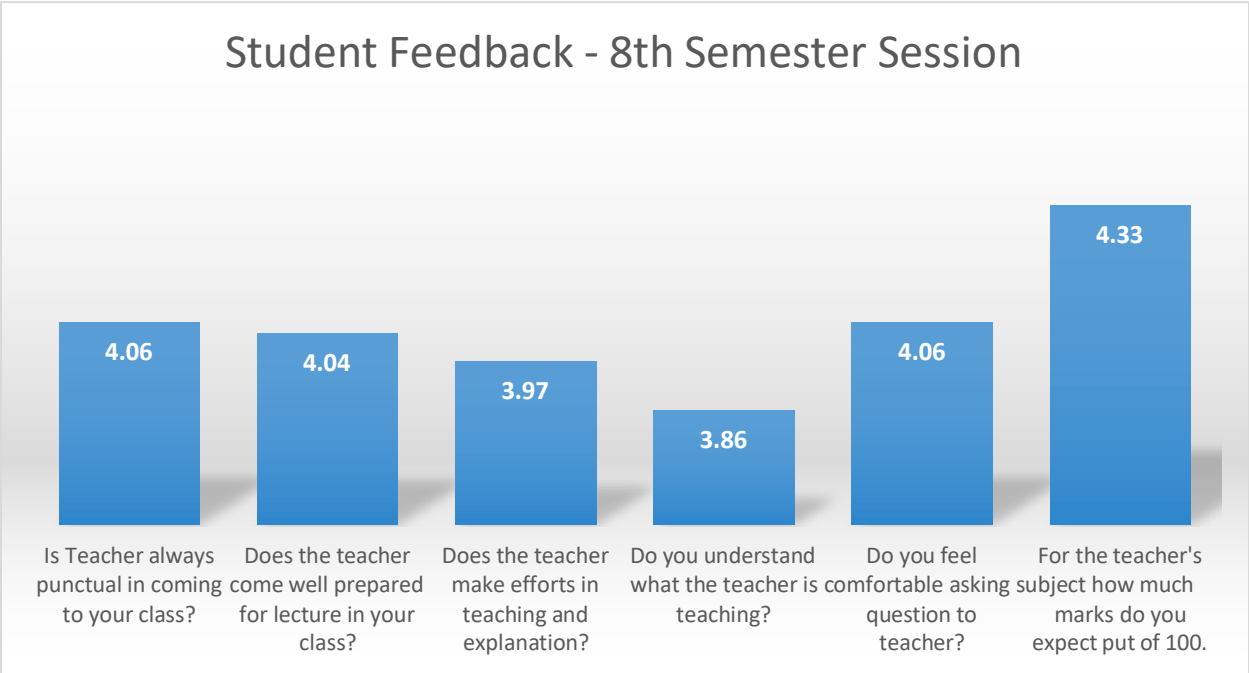
## BTech Eighth Sem ( 2017-21 Batch )

### Student Feedback - Big Data Analytics





The overall chart is as follows-



## **ACTION TAKEN BASED ON FEEDBACK**

- Based on the subject interest , the students can access 24hrs Incubation Lab and practice the programming skills.
- The faculty of Physics has been advised to give notes to the students.
- The faculty of AEM has been counseled and advised by the Head to clear the concepts of difficult portion in class.
- Faculty of Internet of Things showed students some videos on latest inventions to make the class interesting and then also conducted one flip classroom based session.



**Prof Dr Prasun Chakrabarti**

Head of the Department of Computer Sc.& Engg

**STUDENT FEEDBACK ANALYSIS AND ACTION TAKEN (2020-21)**  
**DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING**

**PART A (Student's Feedback on Faculty Performance during the classroom)**

The institute conducts student feedback on academic level and syllabus transaction. The rating is normally given on a scale of 1 to 5.

Feedback was collected from students and based on their answers the following charts were prepared to analyze the results.

Question 1 in the feedback form: Is teacher always punctual in coming to your class?

Question 2 in the feedback form: Does the teacher come well prepared for lecture in your class?

Question 3 in the feedback form: Does the teacher make efforts in teaching and explanation?

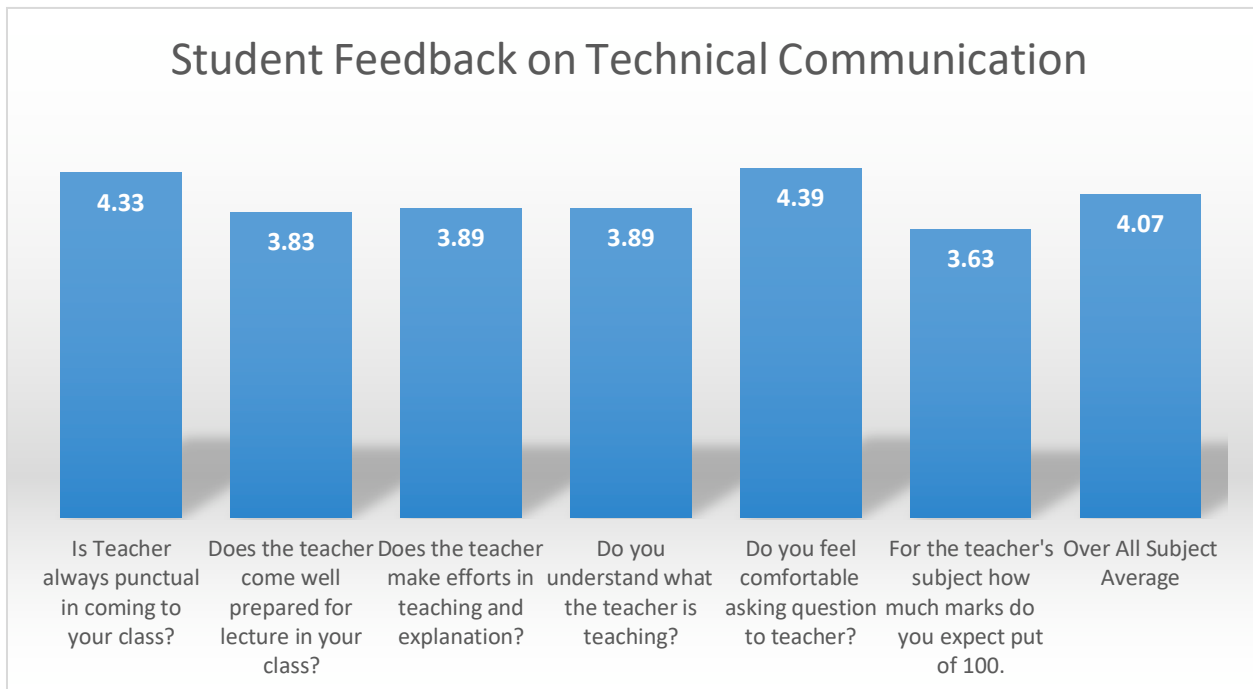
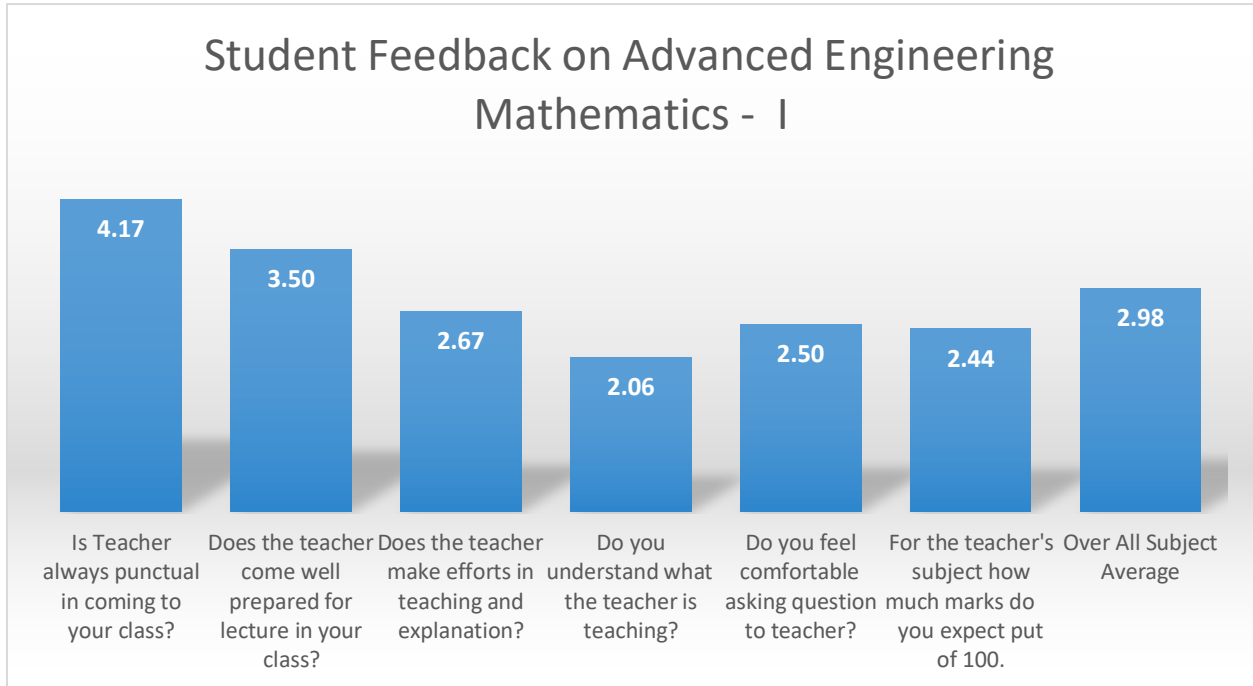
Question 4 in the feedback form: Do you understand what the teacher is teaching?

Question 5 in the feedback form: Do you feel comfortable asking question to teacher?

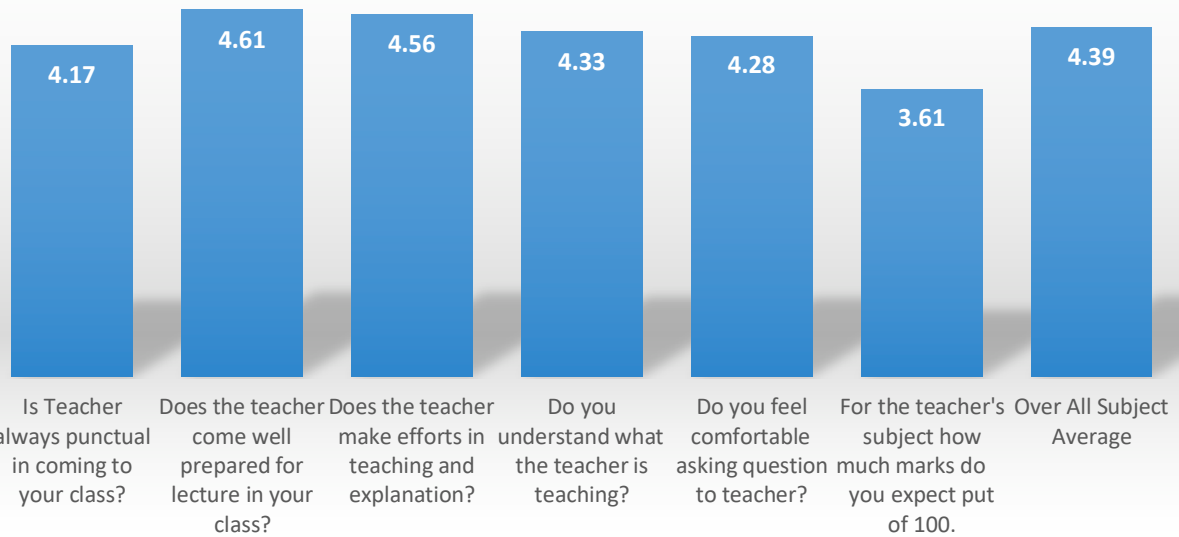
Question 6 in the feedback form: For the teacher's subject how much marks do you expect out of 100

**Odd semester**

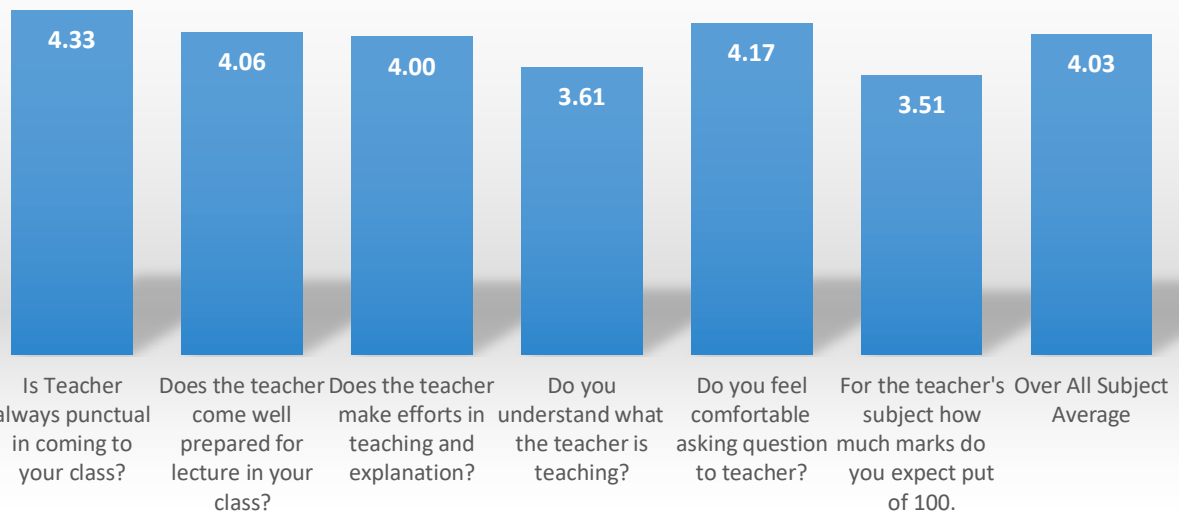
**BTech Third Sem ( 2019-23 Batch )**



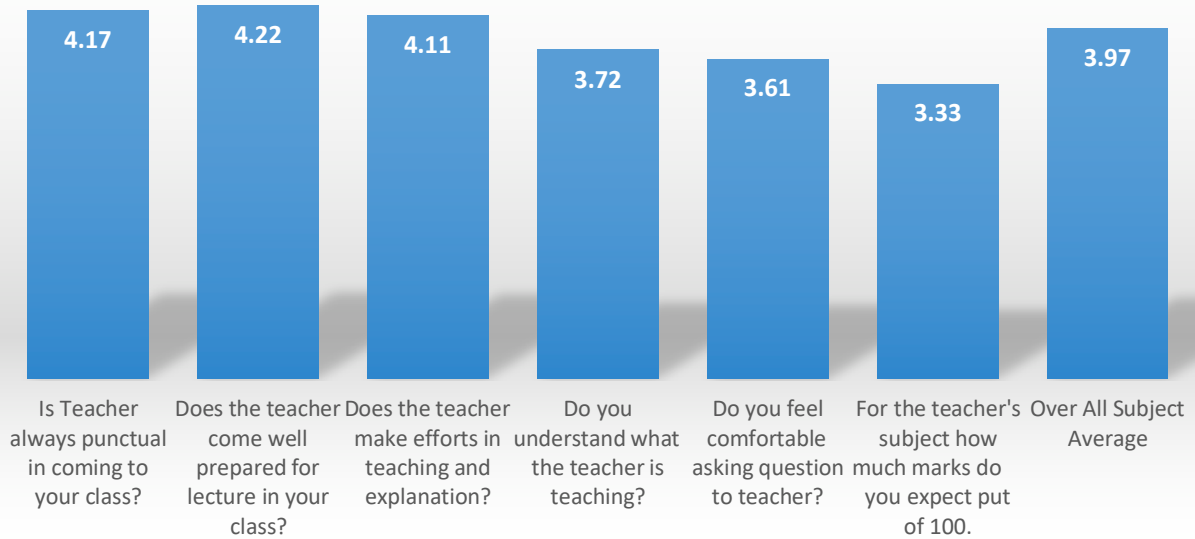
## Student Feedback on Digital System Design



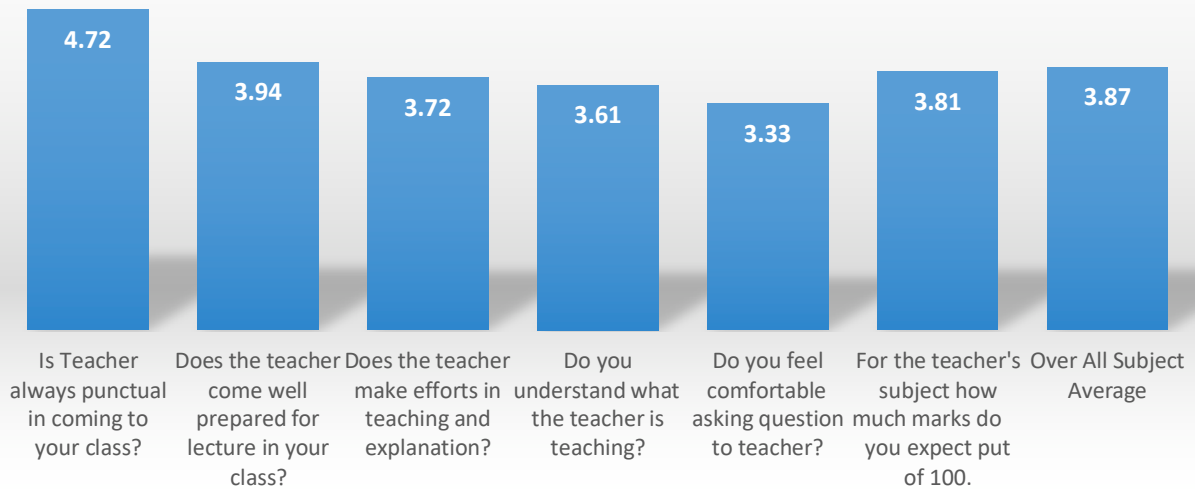
## Student Feedback on Signal & Systems



## Student Feedback on Network Theory

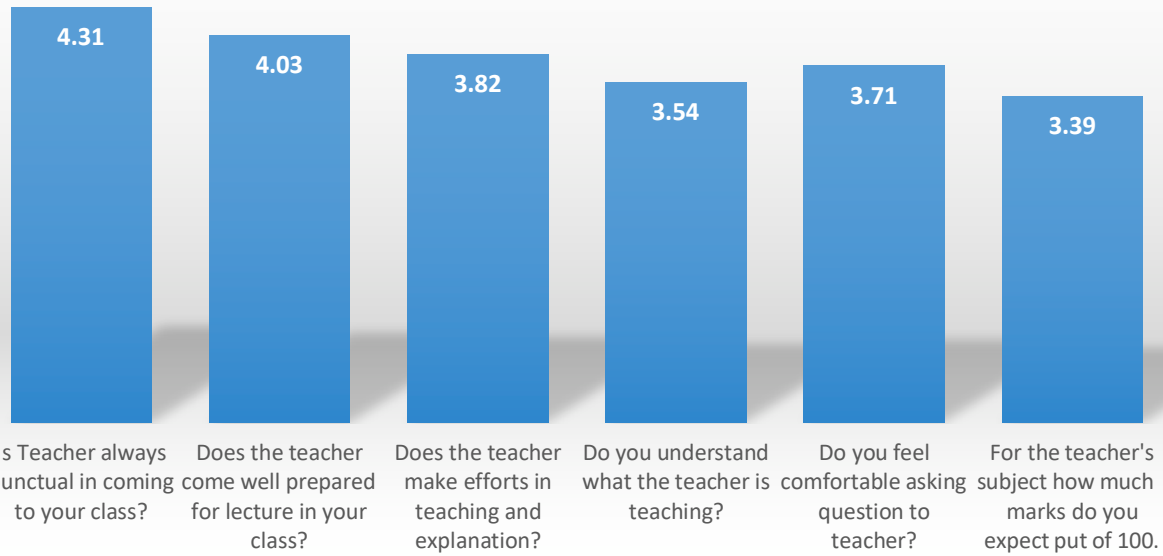


## Student Feedback on Electronics Devices



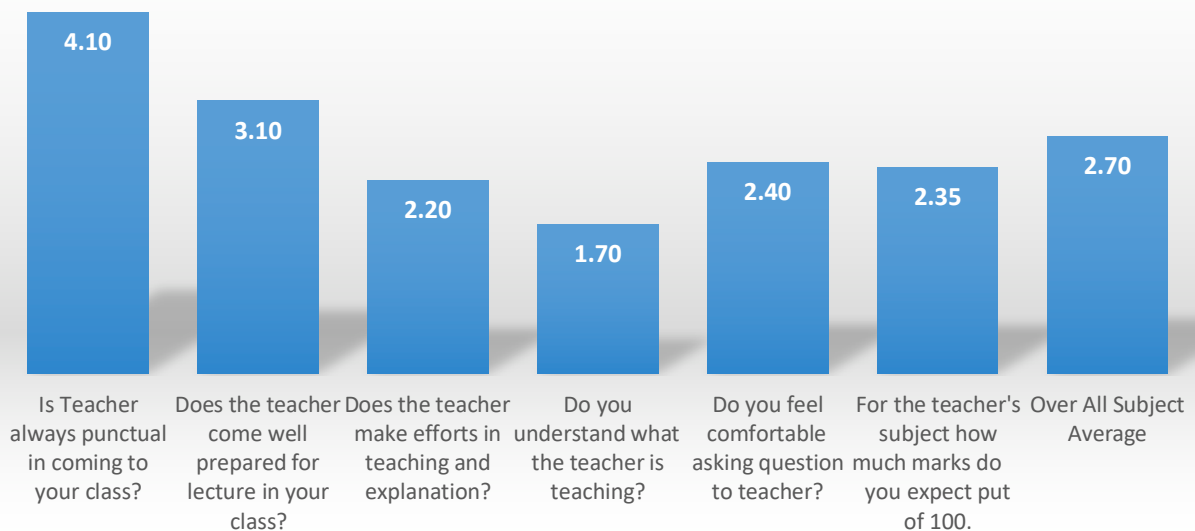
The overall chart is as follows -

## Student Feedback - 3rd Semester

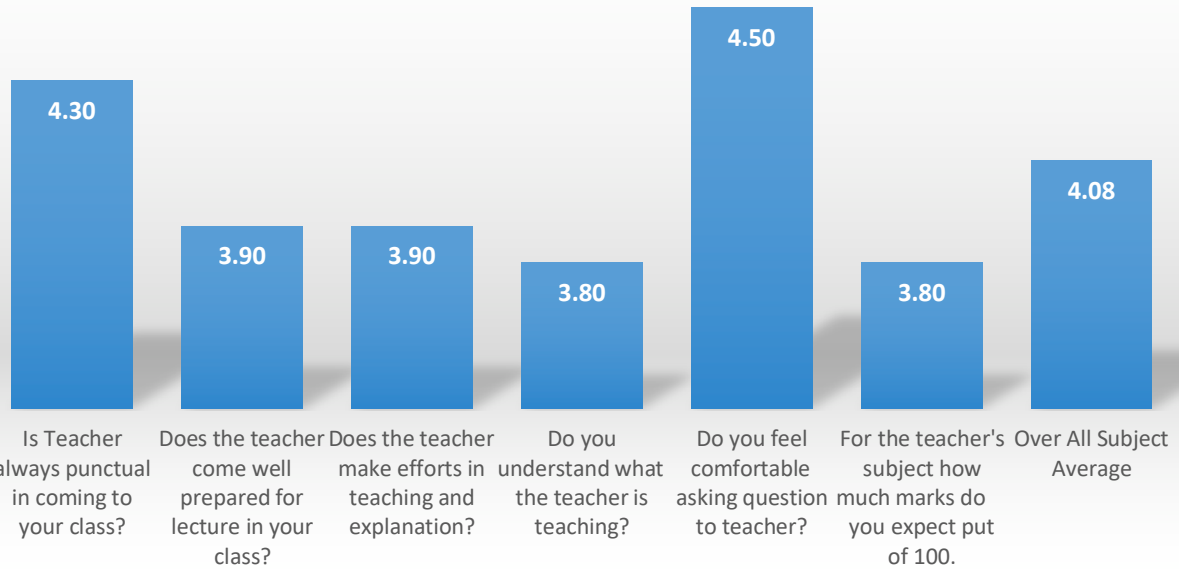


## BTech Fifth Sem ( 2018-22 Batch )

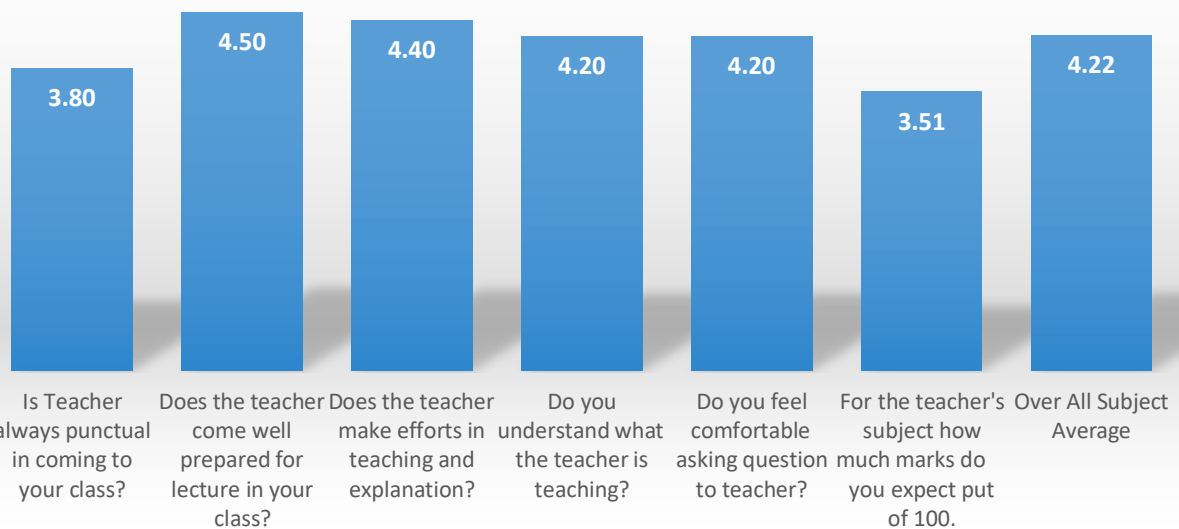
## Student Feedback on Computer Architecture



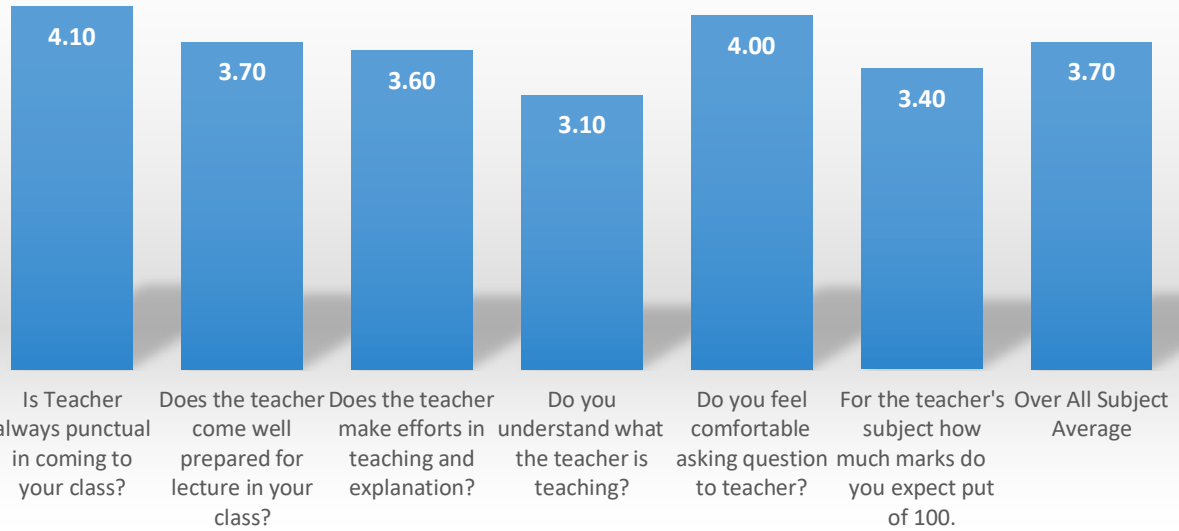
## Student Feedback on Electro Magnetic Waves



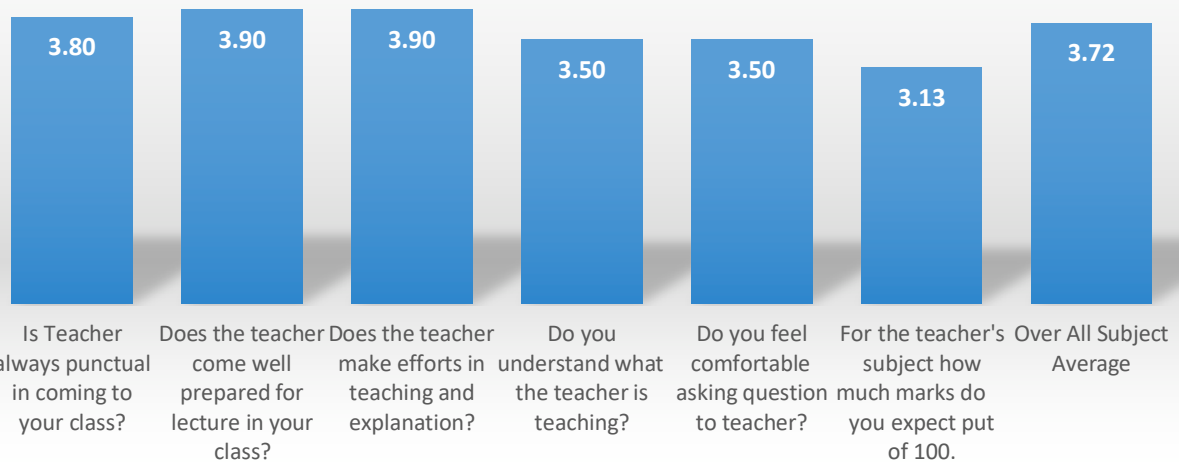
## Student Feedback on Control Systems



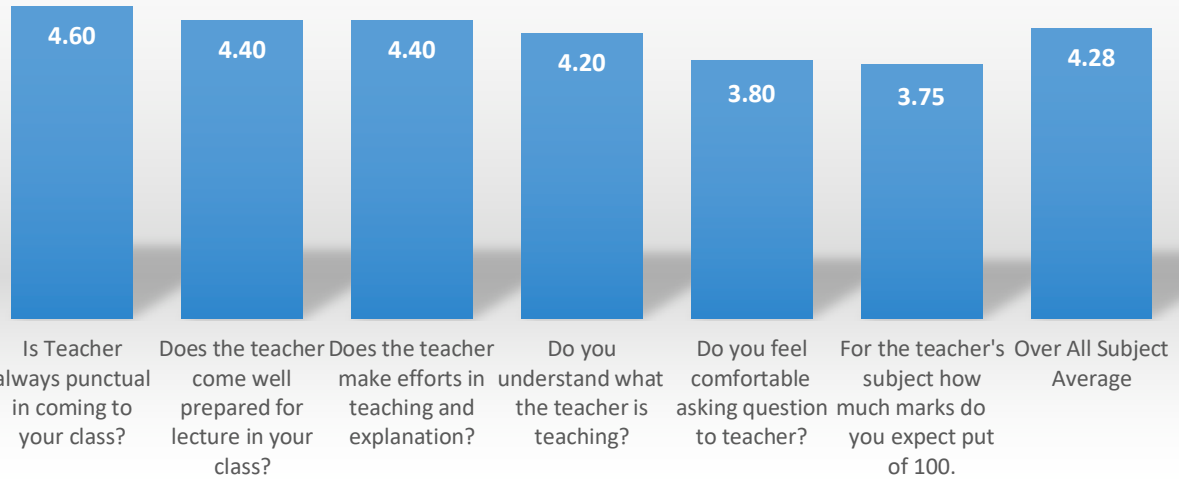
## Student Feedback on Digital Signal Processing



## Student Feedback on Microwave Theory and Techniques

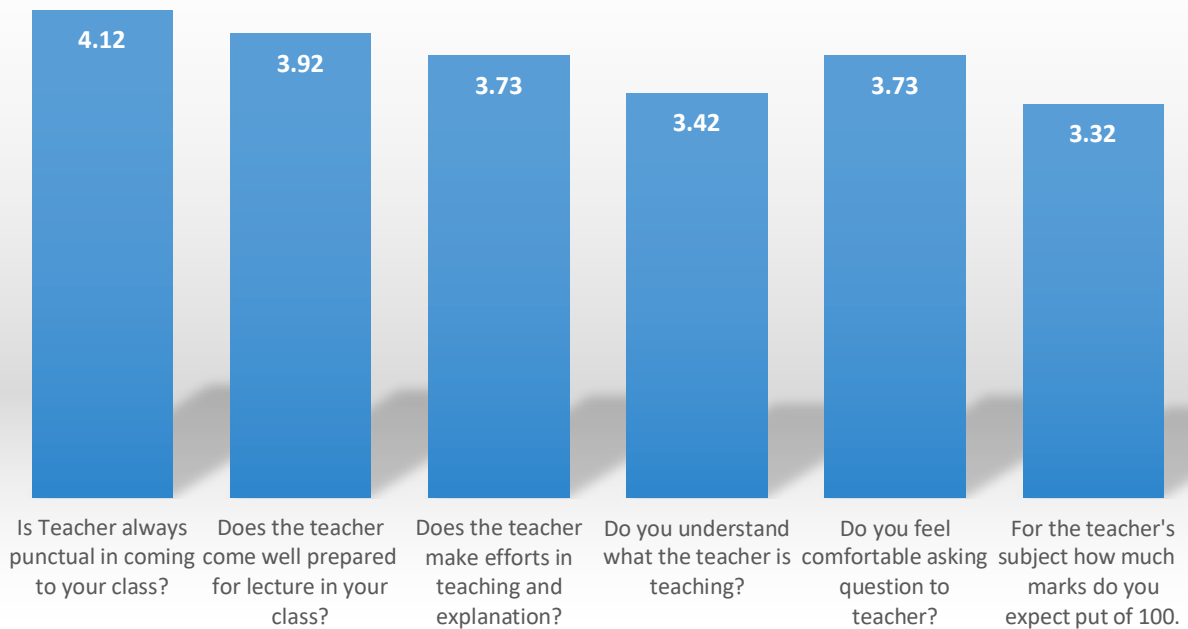


## Student Feedback on Embedded System

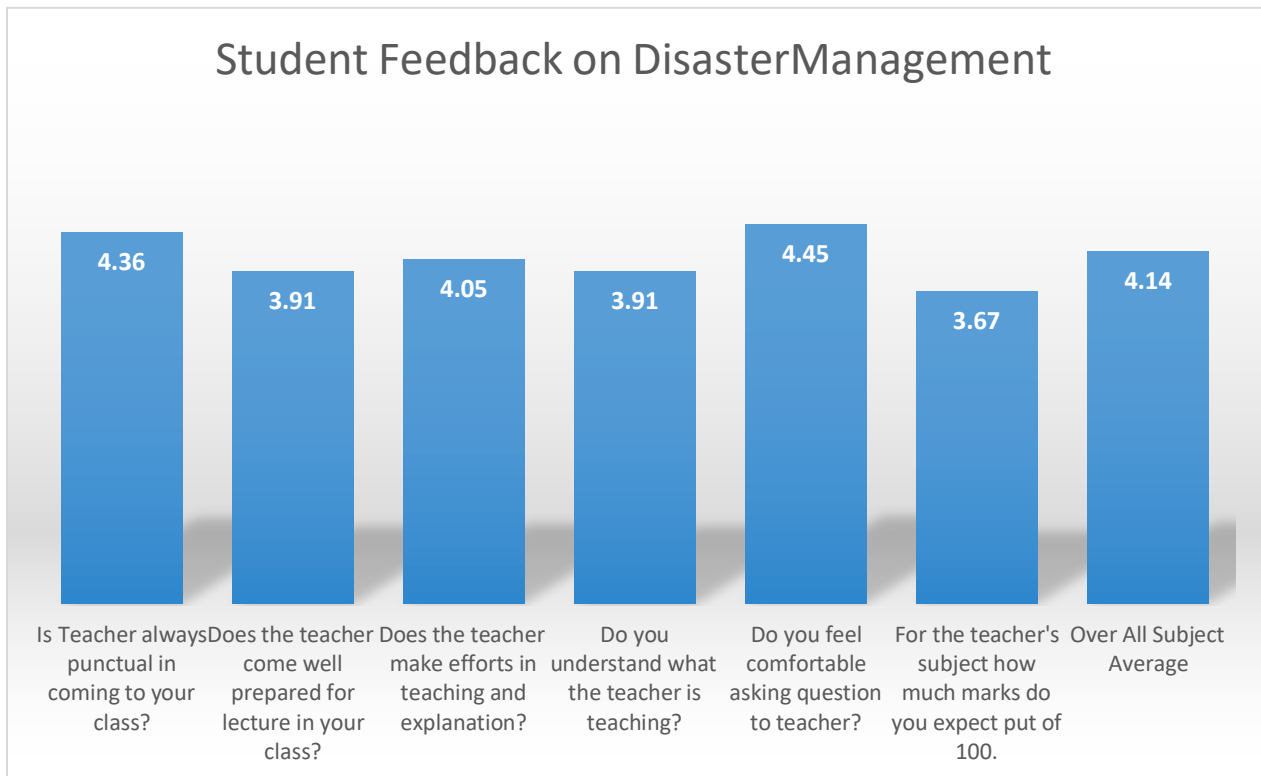
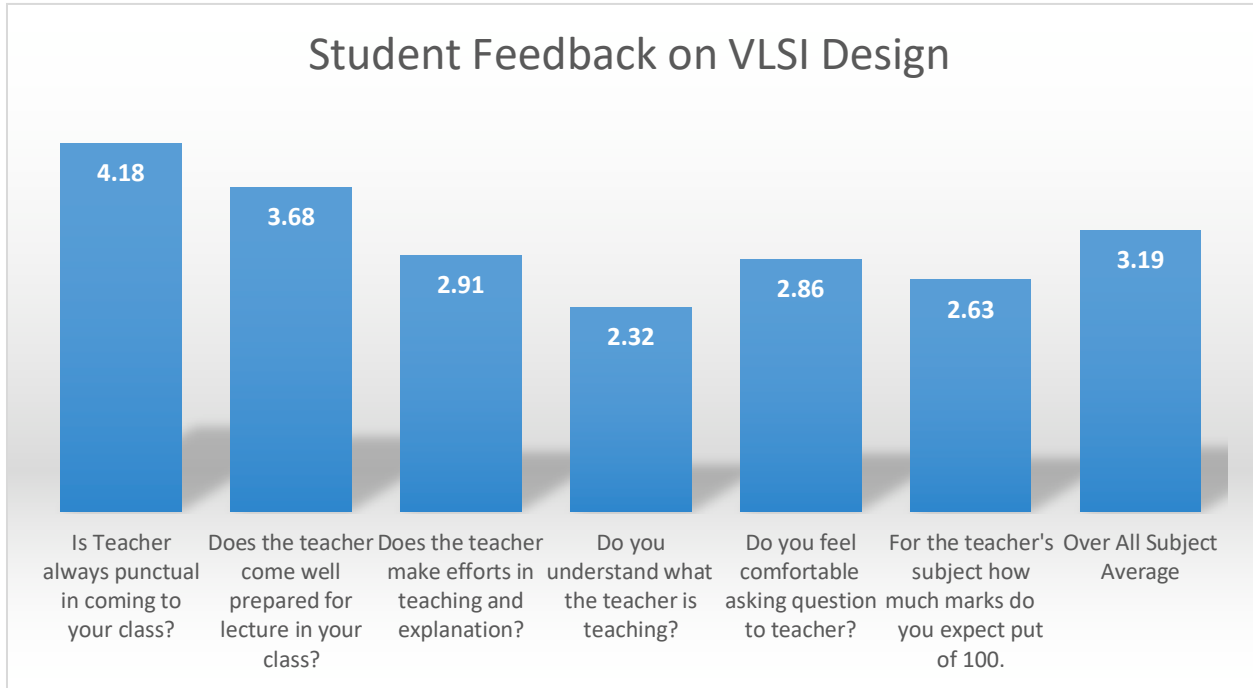


The overall chart is as follows –

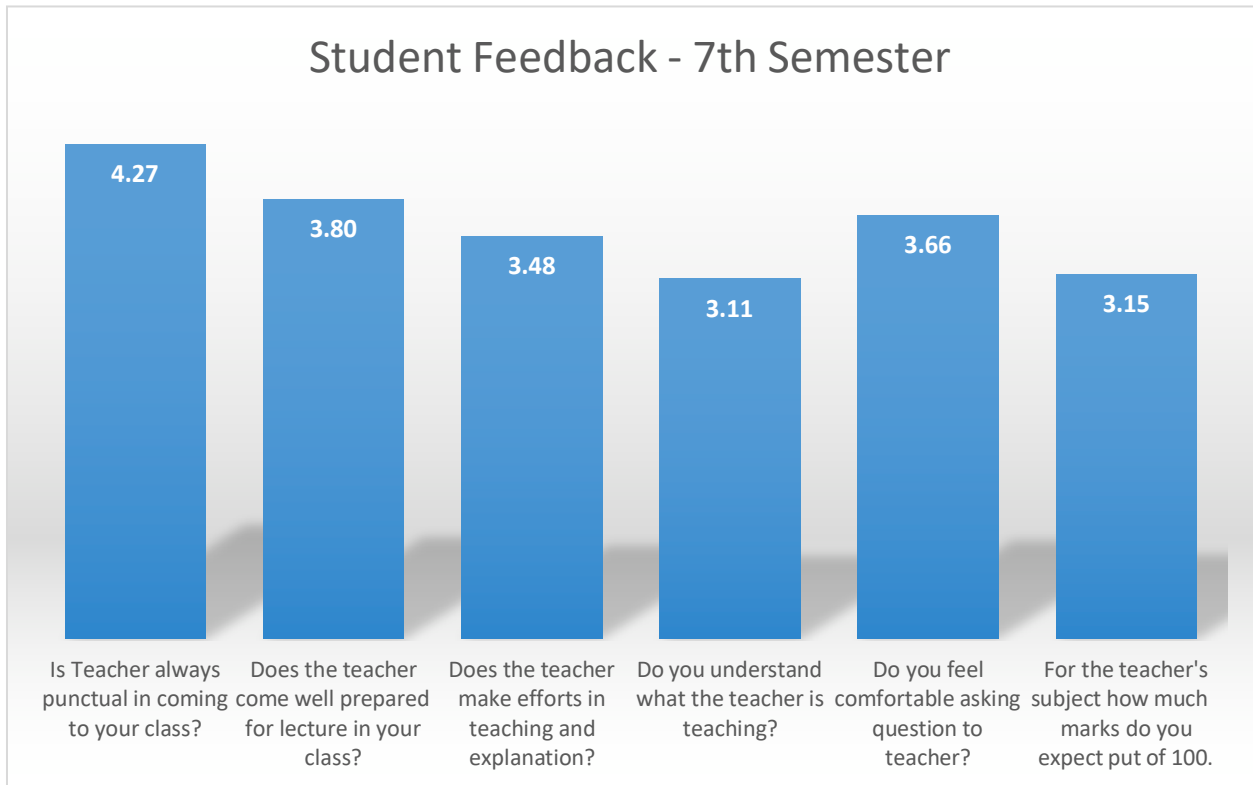
## Student Feedback - 3rd Semester



**BTech Seventh Sem ( 2017-21 Batch )**

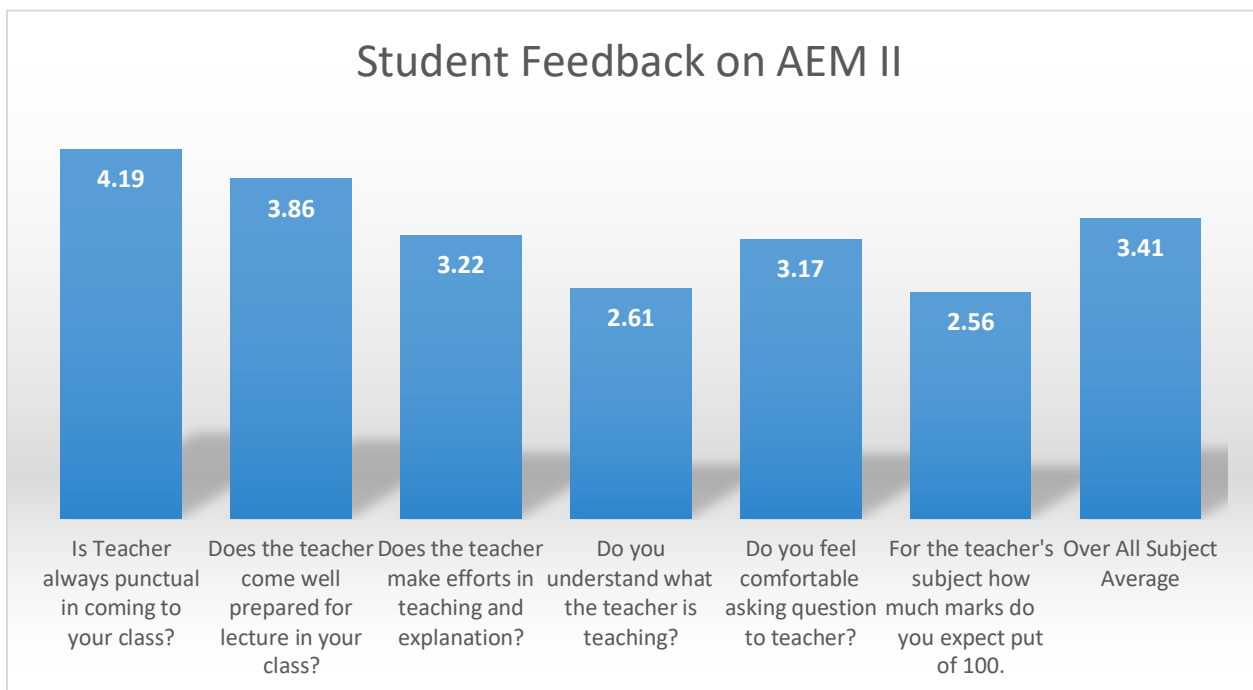


The overall chart is as follows –

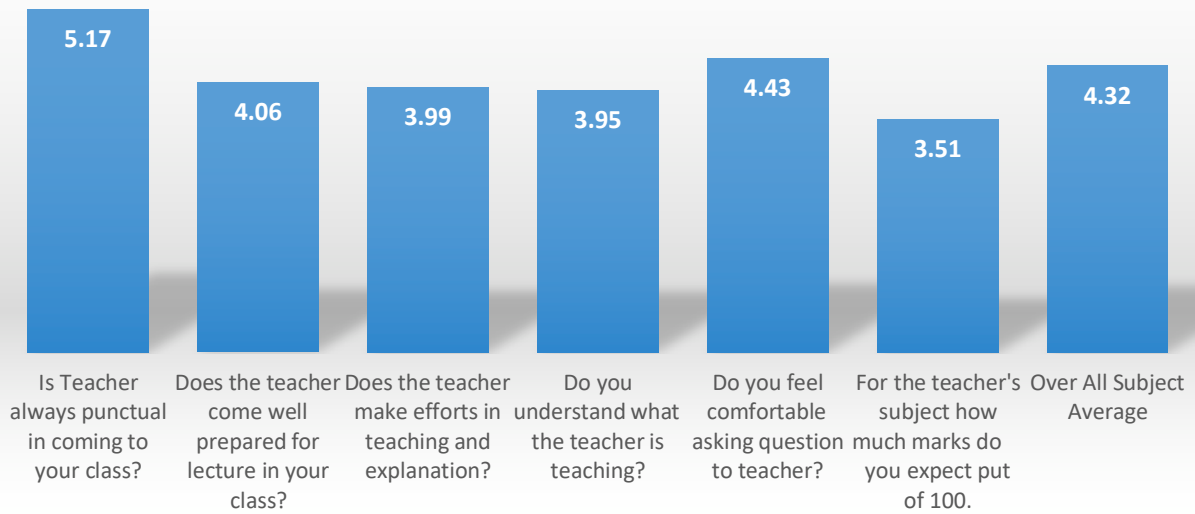


**Even semester**

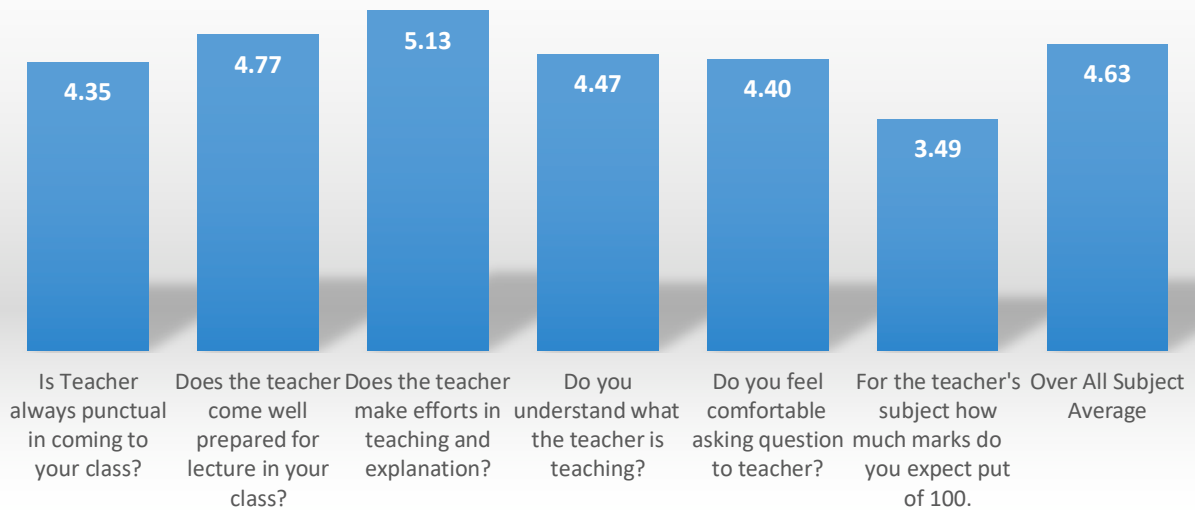
**BTech Fourth Sem ( 2019-23 Batch )**



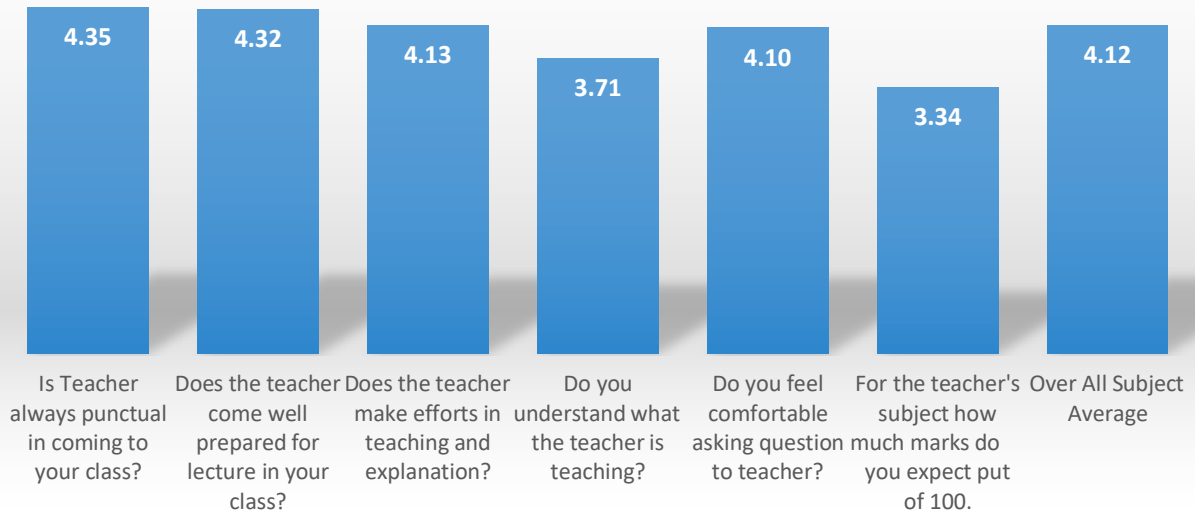
## Student Feedback on MEFA



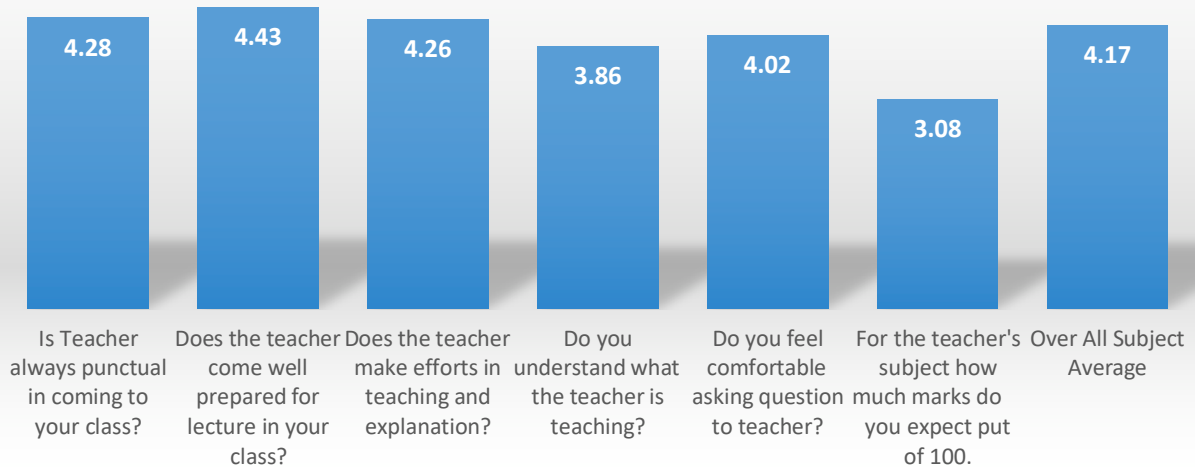
## Student Feedback on Analog Circuits



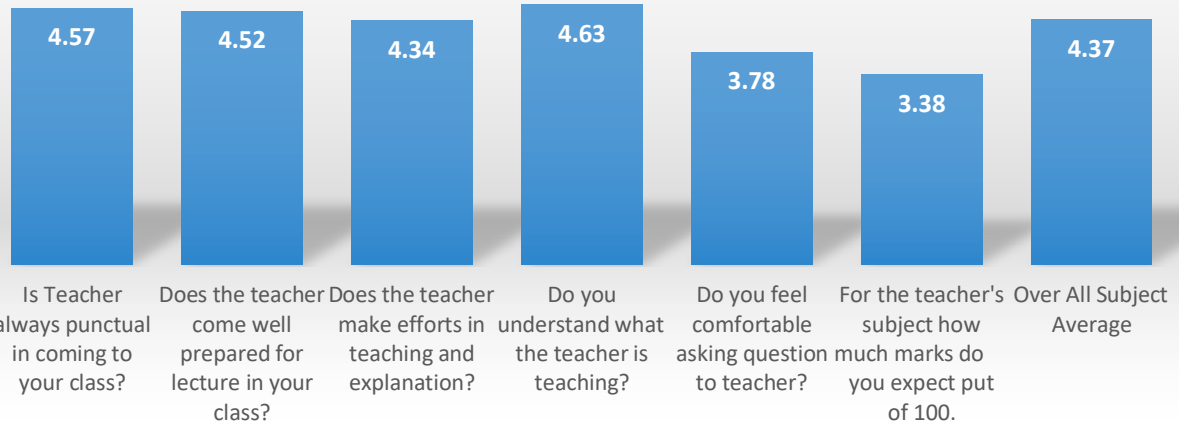
## Student Feedback on Microcontrollers



## Student Feedback on Electronics Measurement and Instrumentation

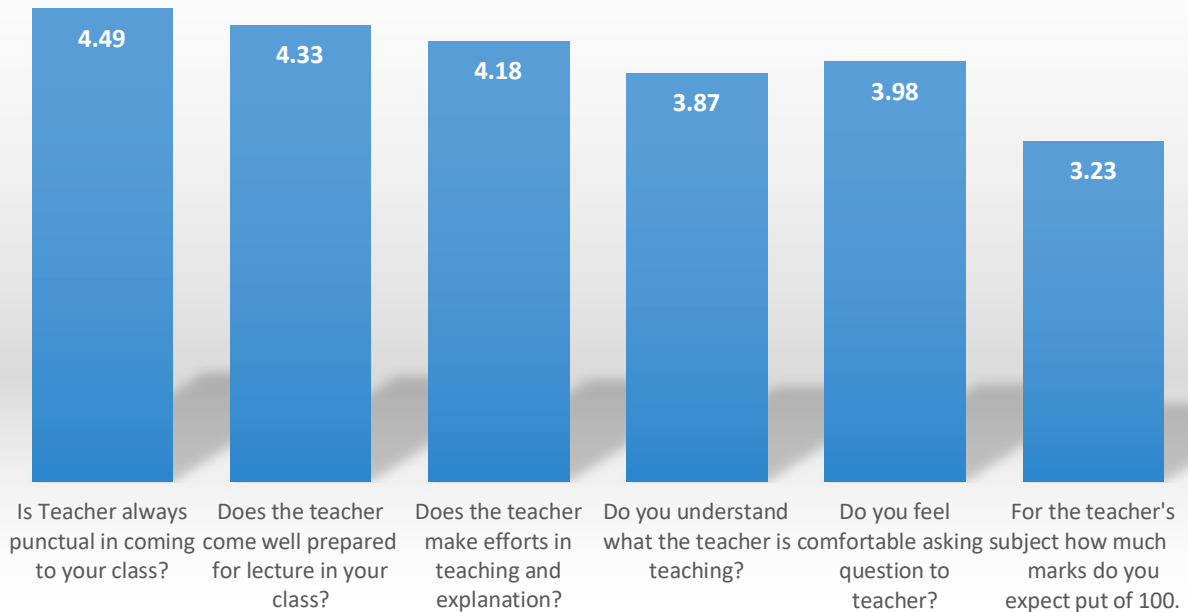


## Student Feedback on Analog and Digital Communication

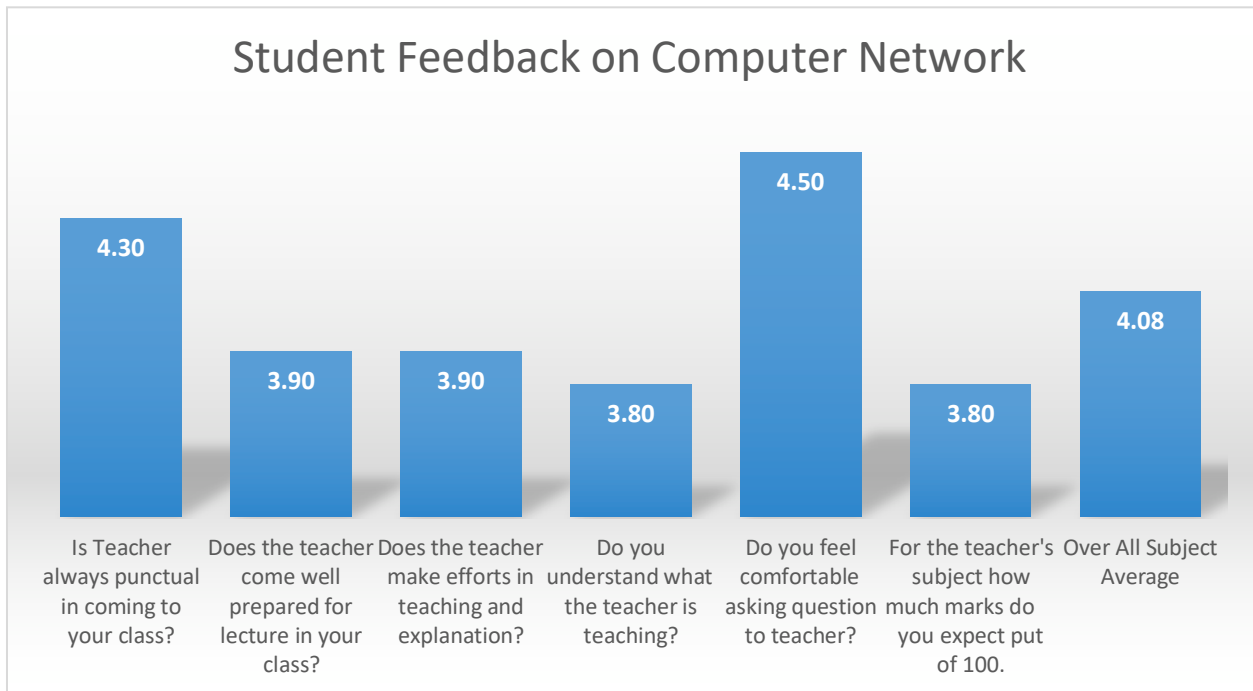
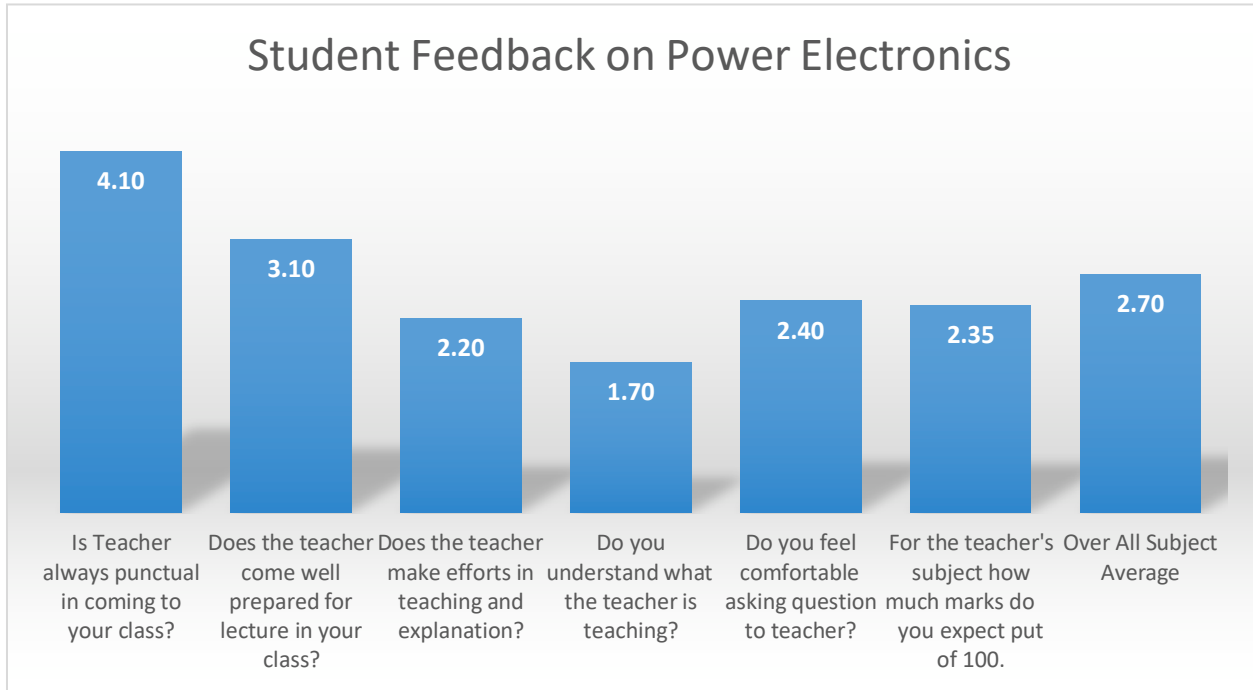


The overall chart is as follows –

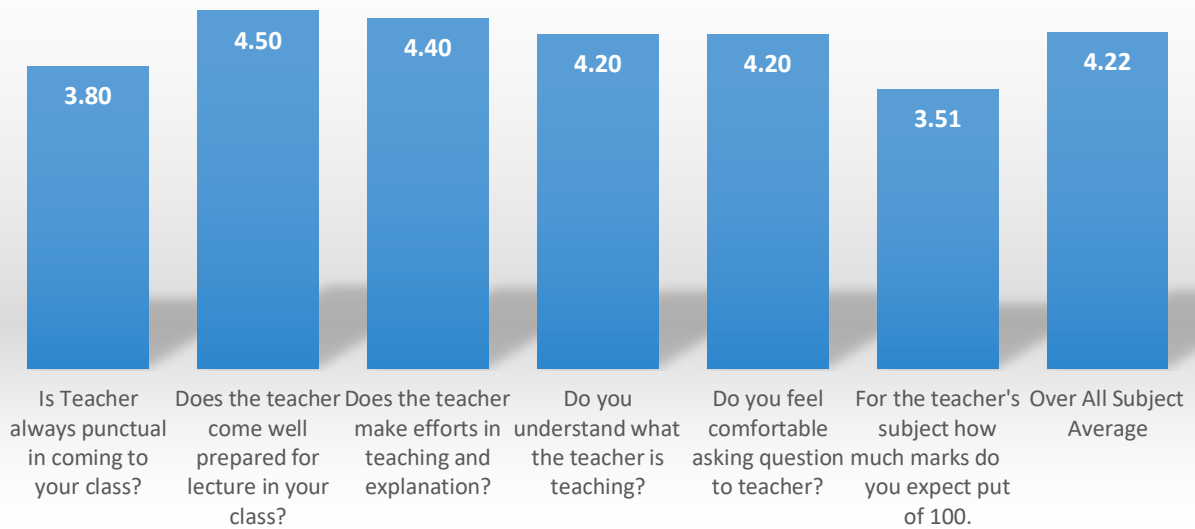
## Student Feedback - 4th Semester



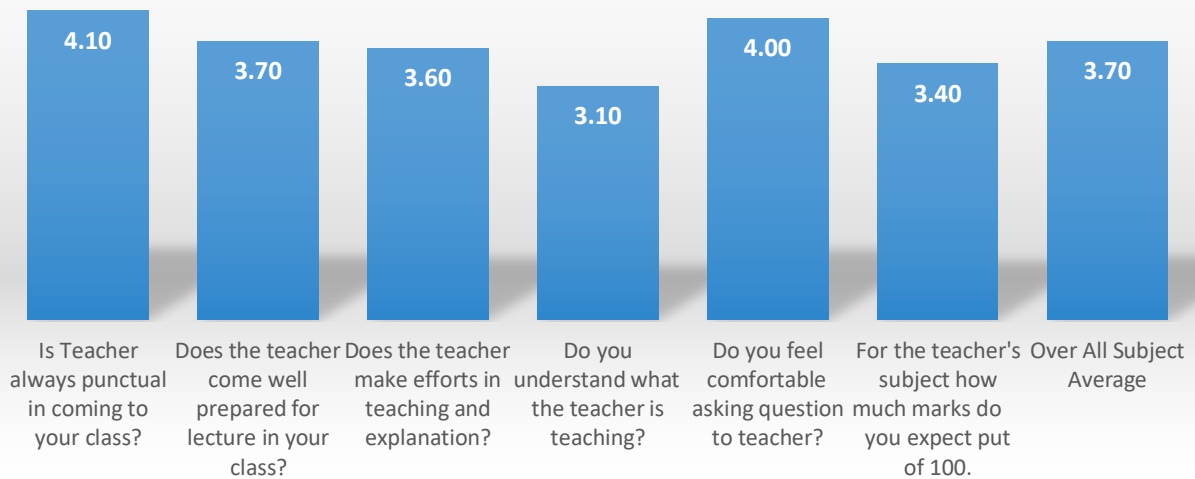
**BTech Sixth Sem ( 2018-22 Batch )**



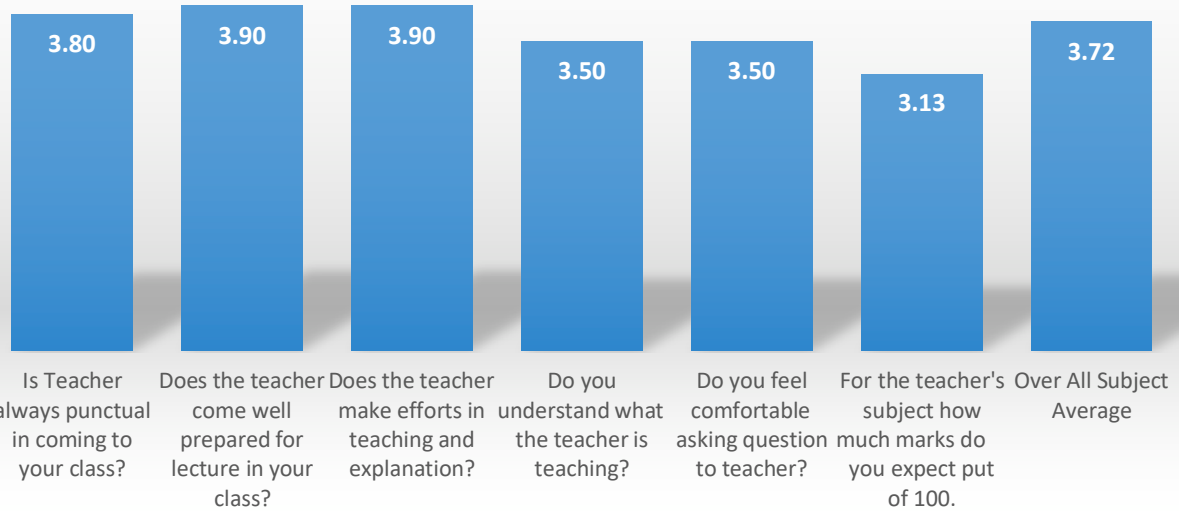
## Student Feedback on Fiber Optics Communication



## Student Feedback on Information Theory and Coding

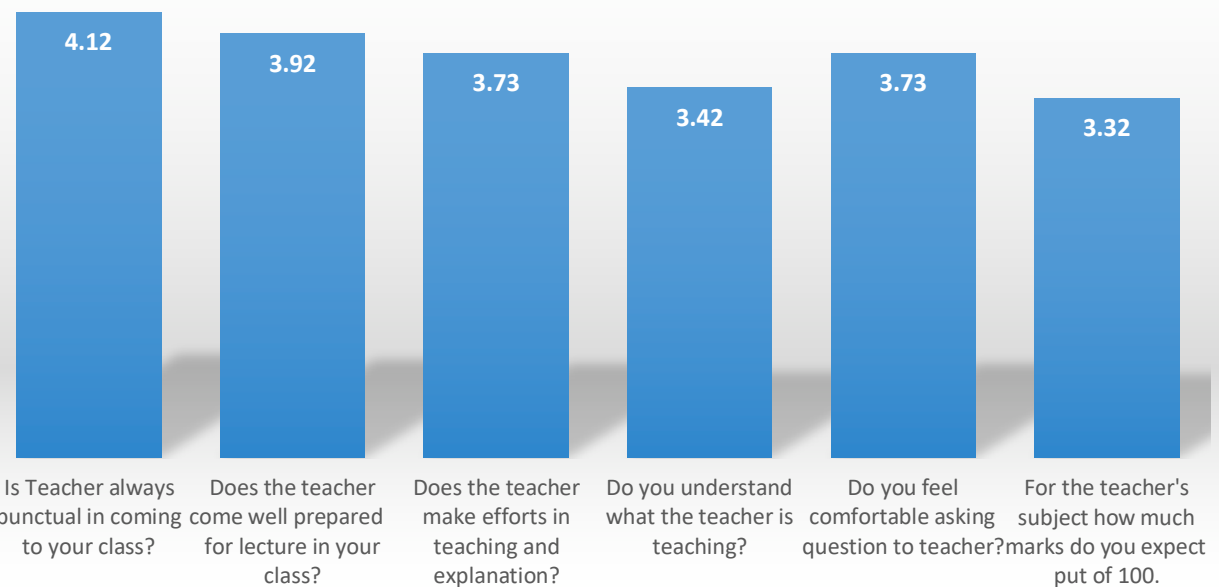


## Student Feedback on Introduction to MEMS

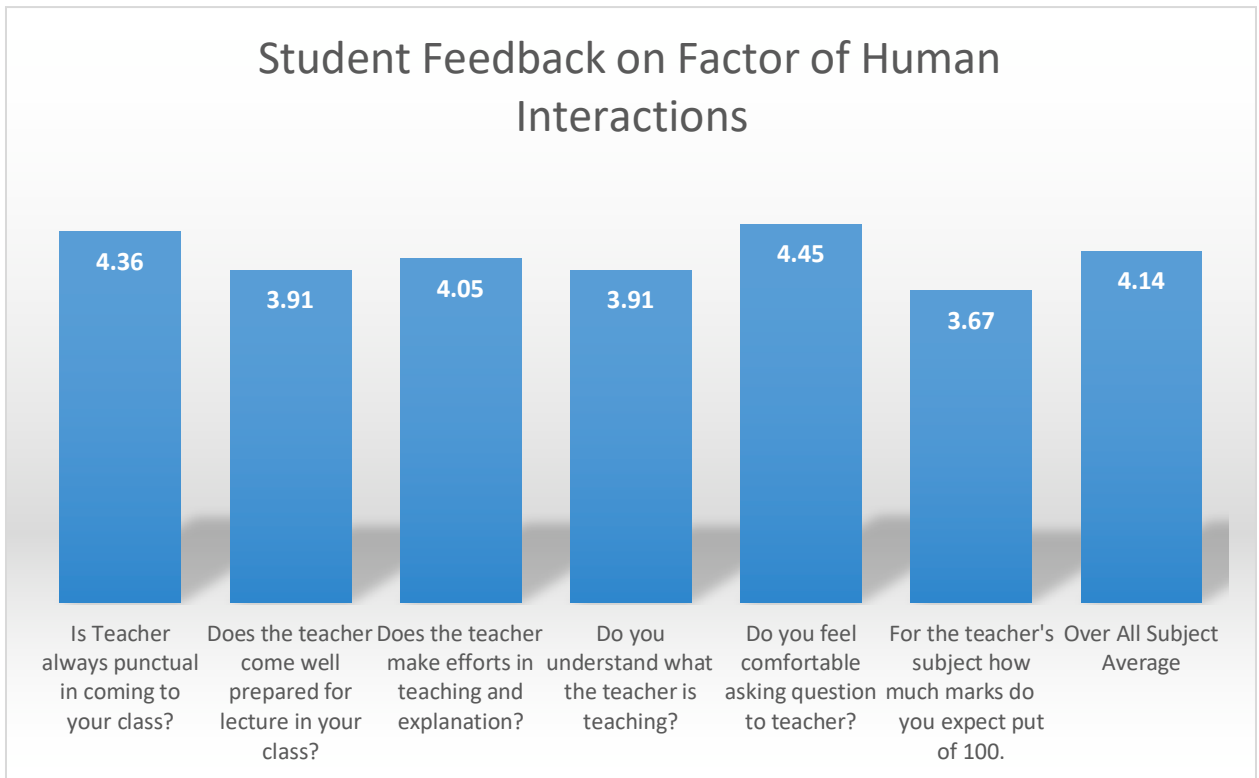
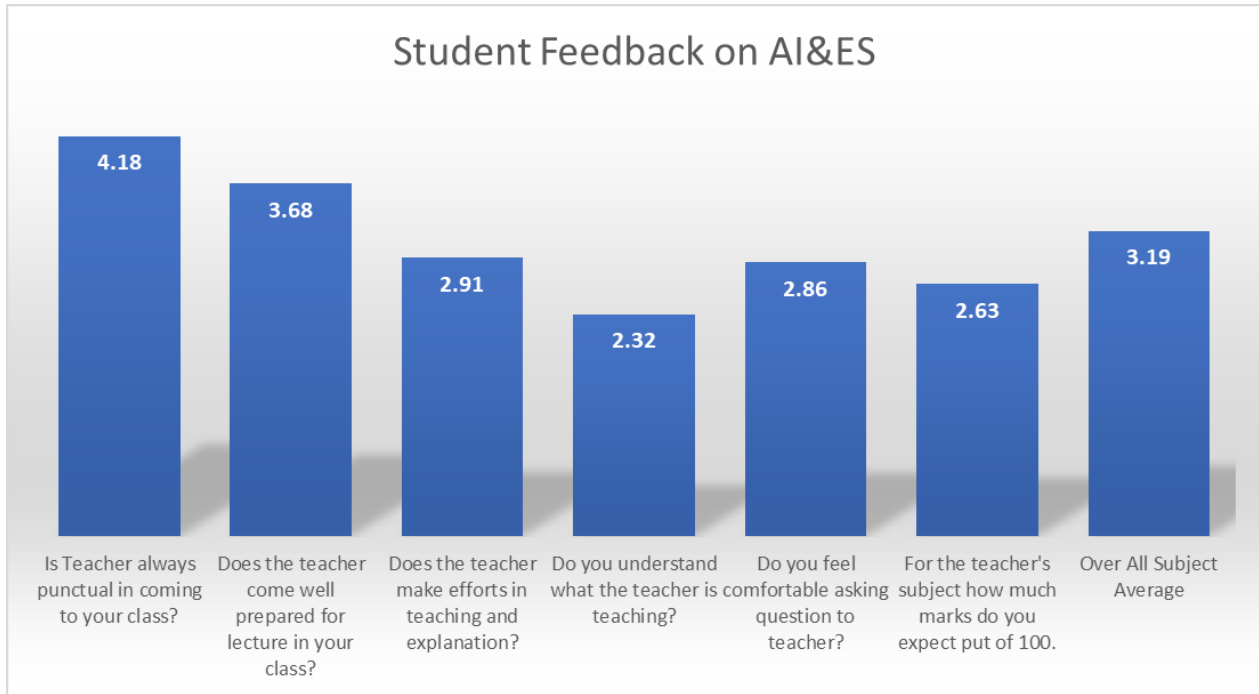


The overall charts is as follows –

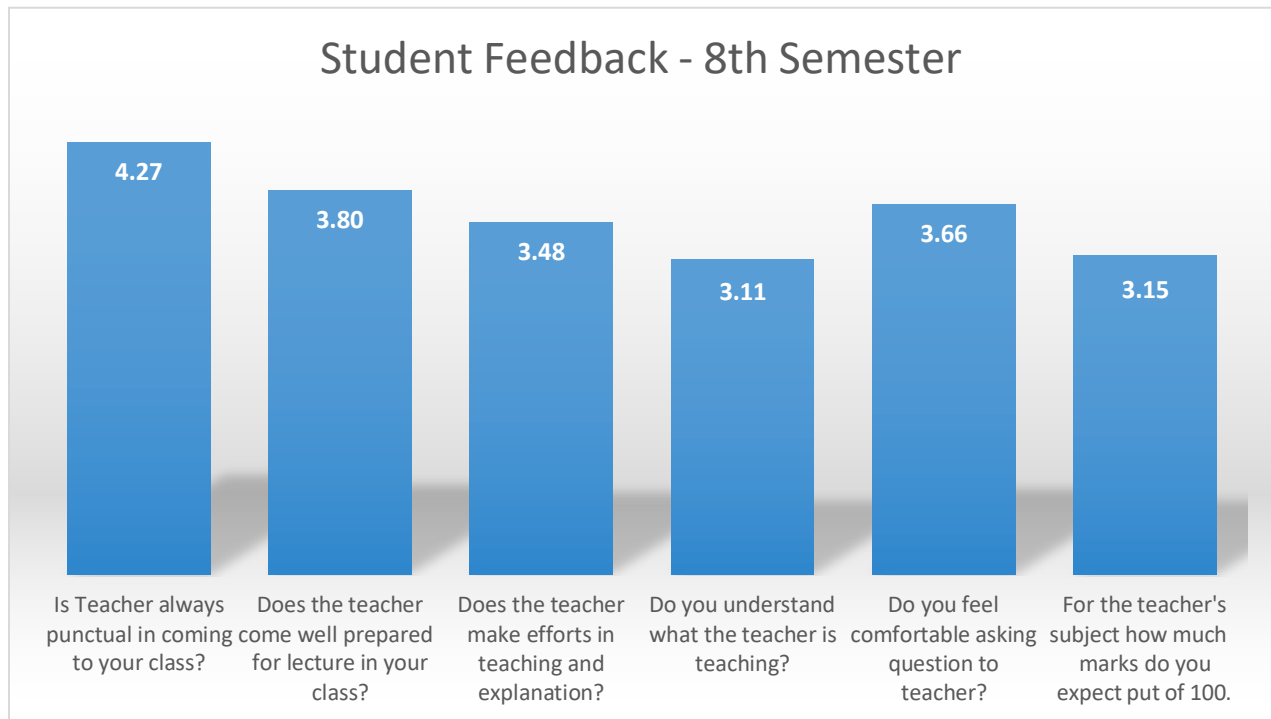
## Student Feedback - 6th Semester



**BTech Eighth Sem ( 2017-21 Batch )**



The overall chart is as follows-



#### **ACTION TAKEN BASED ON FEEDBACK**

- Faculty of Computer Architecture was told to solve some more numerical problems.
- Faculty of VLSI design was counseled by the Head and accordingly sharing of notes was done that benefitted the students a lot.
- The faculty of Computer Networks was asked to make the class more interactive. Accordingly prompt action was taken by the concerned faculty.
- As per request of the students, the faculty of Information Theory and Coding took few extra classes to clear the doubts of students of mathematical portion in lossless and lossless compression.

**Yogendra Singh Solanki** , Head ,Department of Electronics and Communication Engineering and IQAC  
Coordinator



## **STUDENT FEEDBACK ANALYSIS AND ACTION TAKEN (2020-21)**

### **DEPARTMENT OF ELECTRICAL ENGINEERING**

#### **PART A (Student's Feedback on Faculty Performance during the classroom)**

The institute conducts student feedback on academic level and syllabus transaction. The rating is normally given on a scale of 1 to 5.

Feedback was collected from students and based on their answers the following charts were prepared to analyze the results.

Question 1 in the feedback form: Is teacher always punctual in coming to your class?

Question 2 in the feedback form: Does the teacher come well prepared for lecture in your class?

Question 3 in the feedback form: Does the teacher make efforts in teaching and explanation?

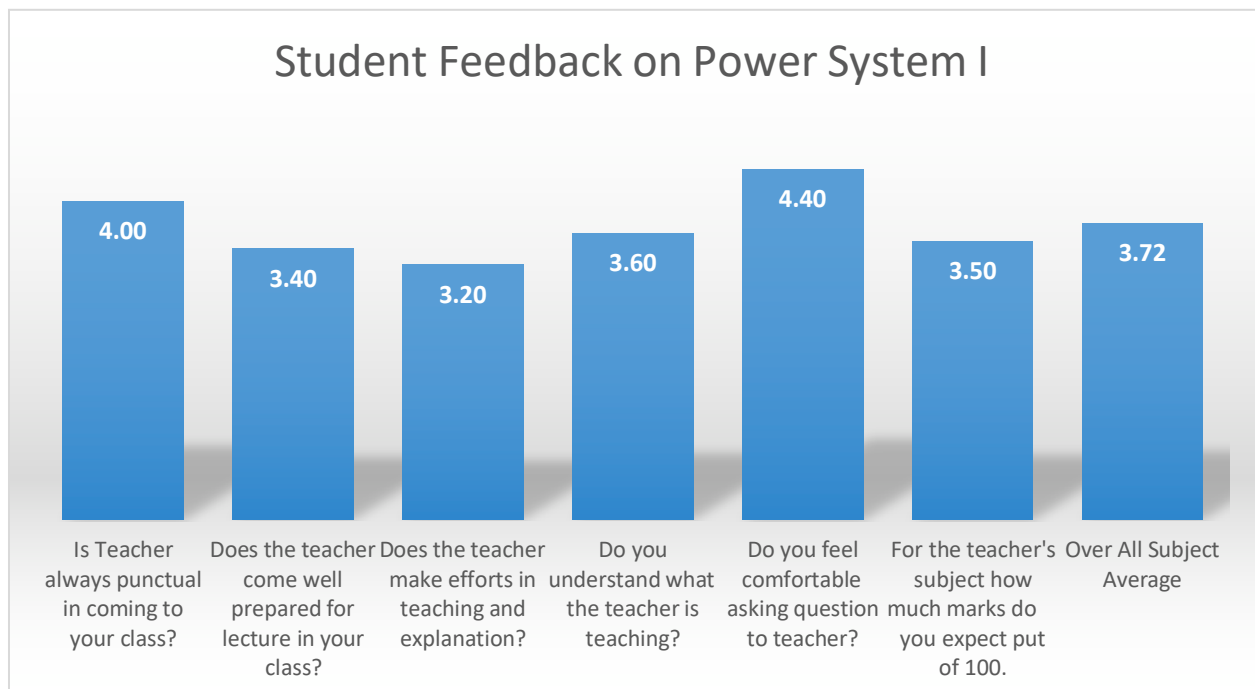
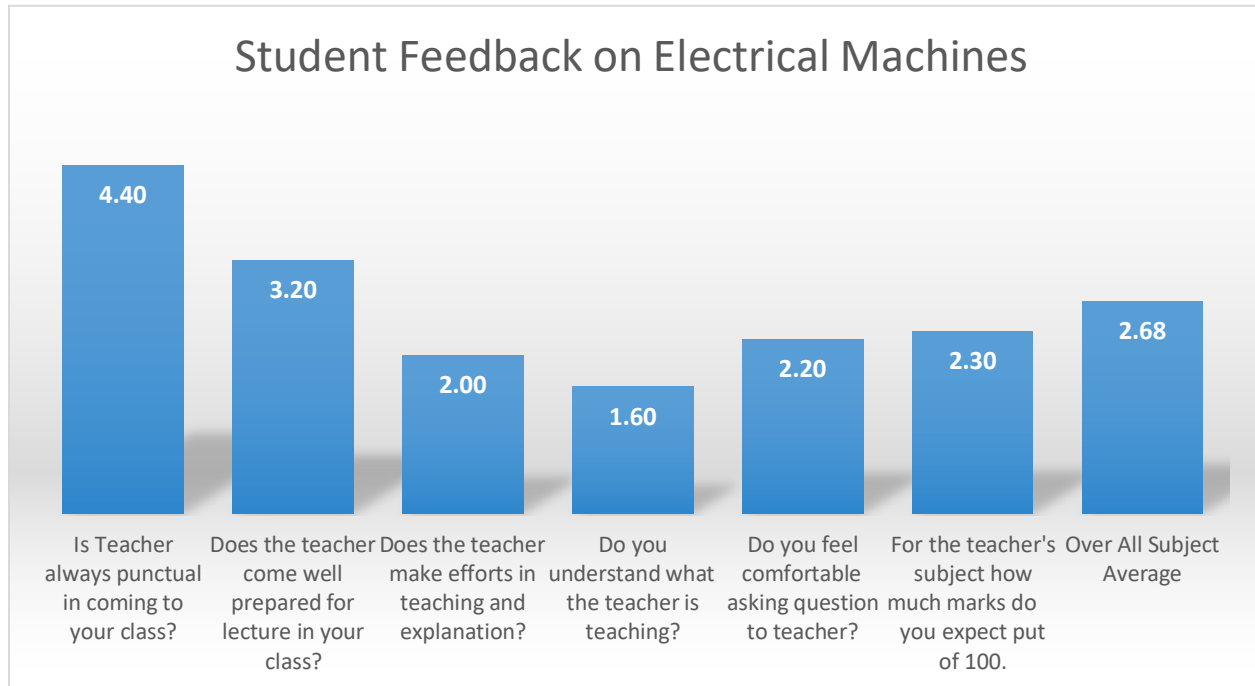
Question 4 in the feedback form: Do you understand what the teacher is teaching?

Question 5 in the feedback form: Do you feel comfortable asking question to teacher?

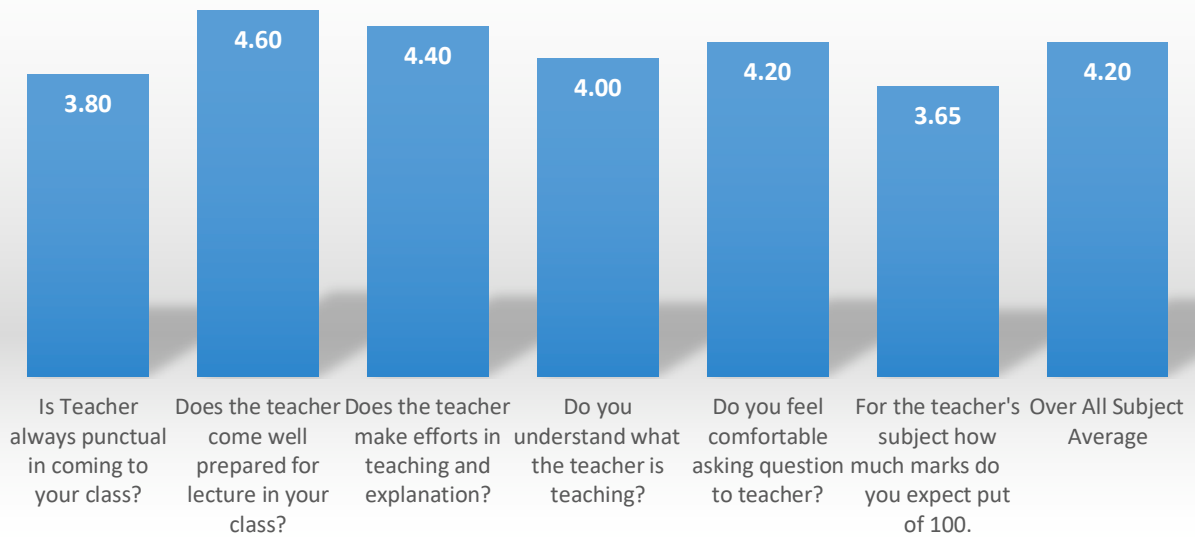
Question 6 in the feedback form: For the teacher's subject how much marks do you expect out of 100

**Odd semester**

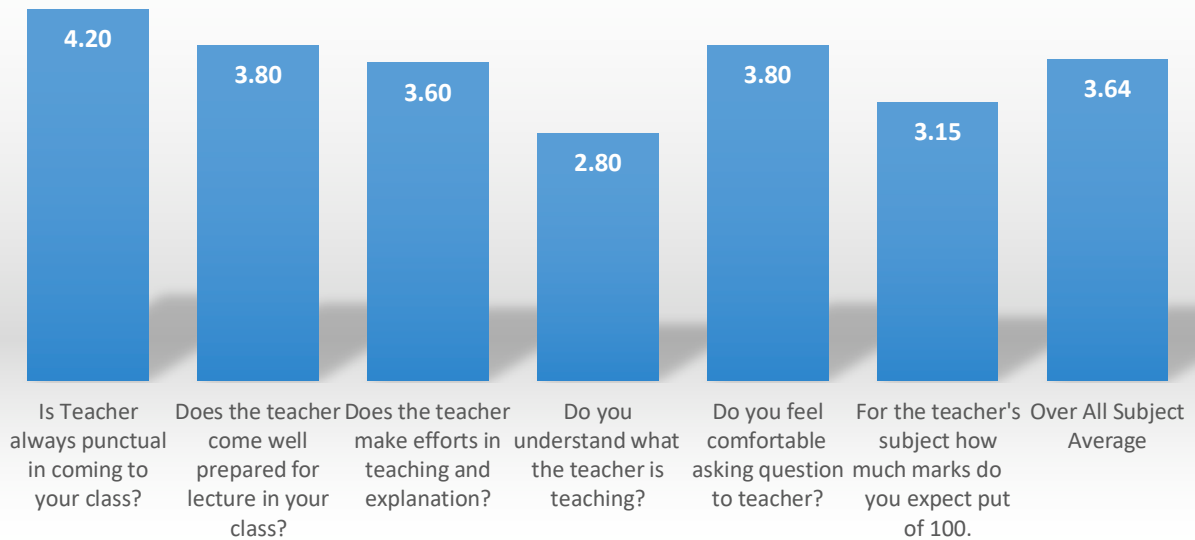
**BTech Fifth Sem ( 2018-22 Batch )**



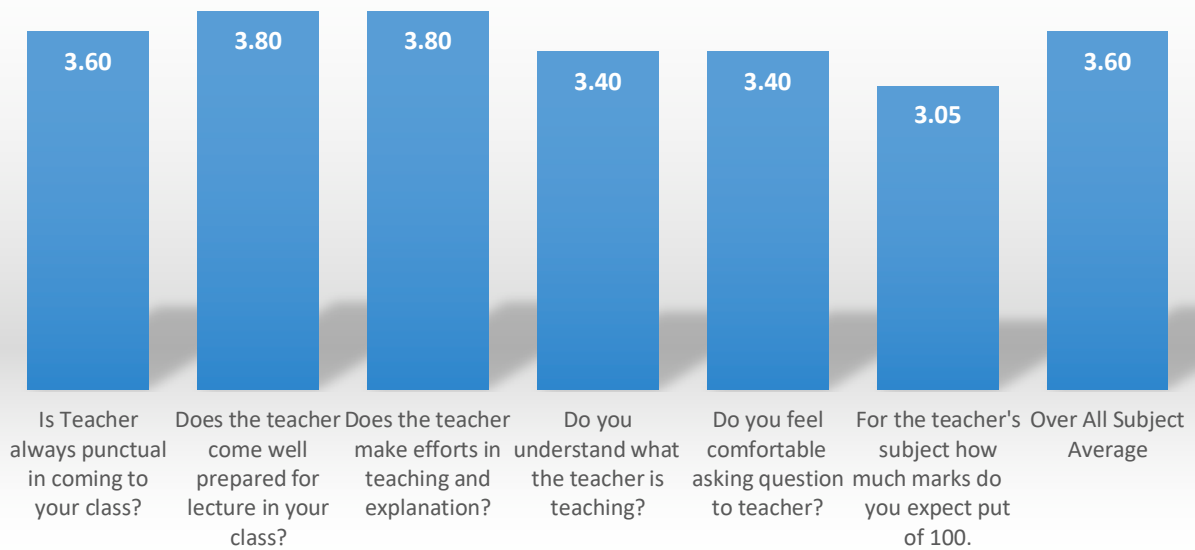
## Student Feedback on Control System



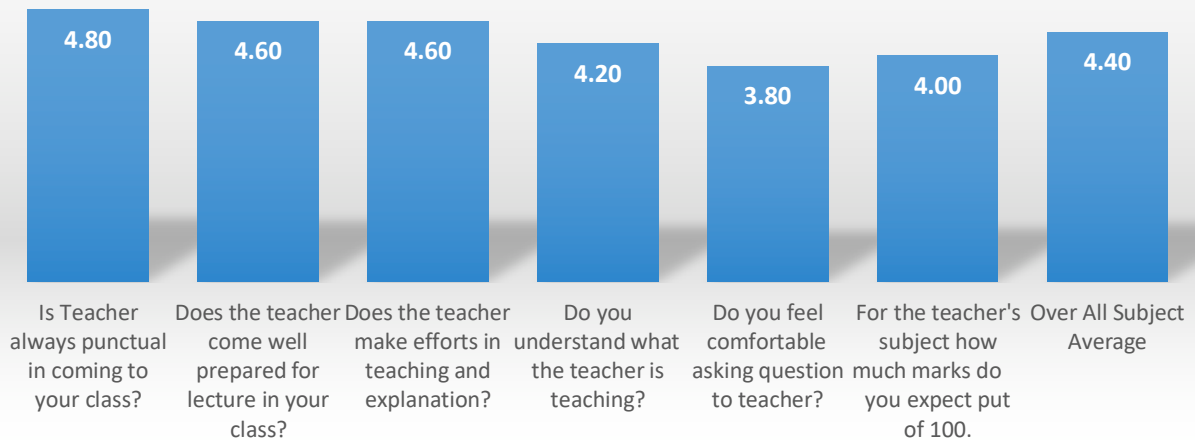
## Student Feedback on Microprocessor



## Student Feedback on Electrical Machine Design

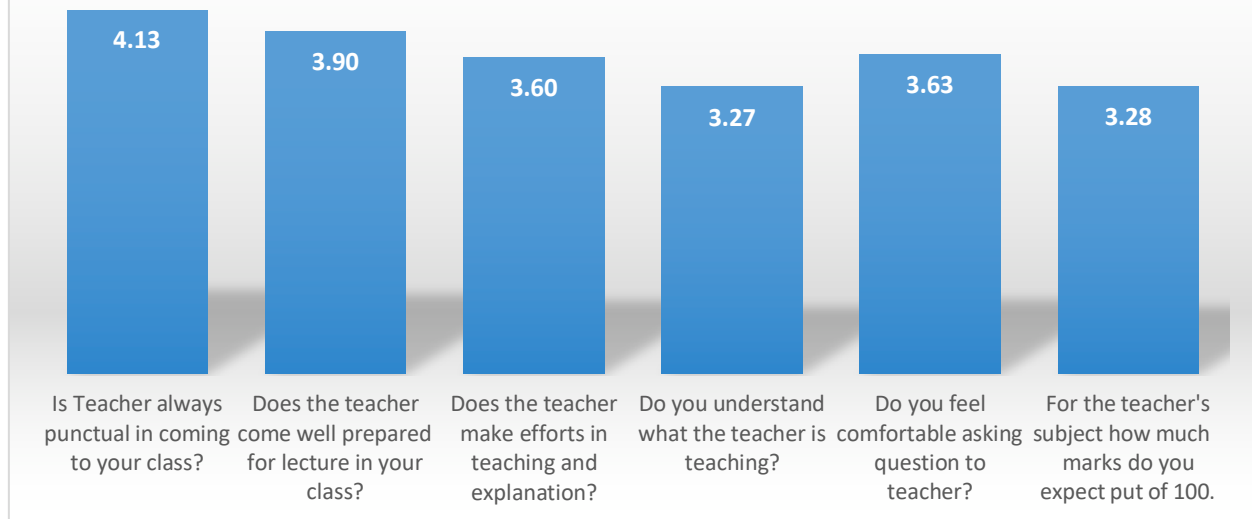


## Student Feedback on Electromagnetic Wave



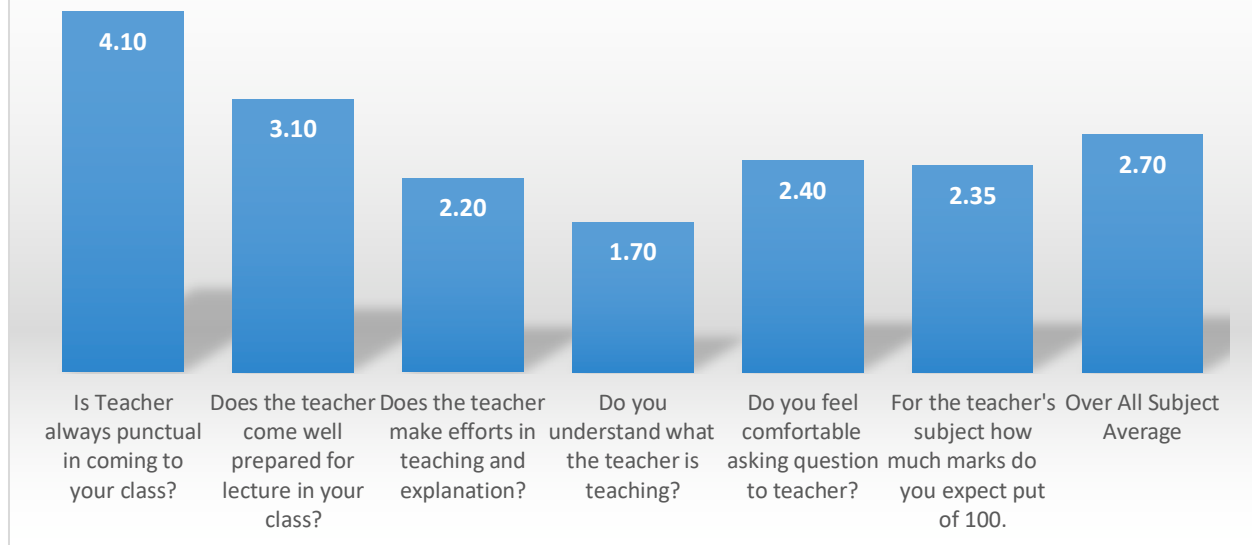
The overall chart is as follows –

## Student Feedback - 5th Semester

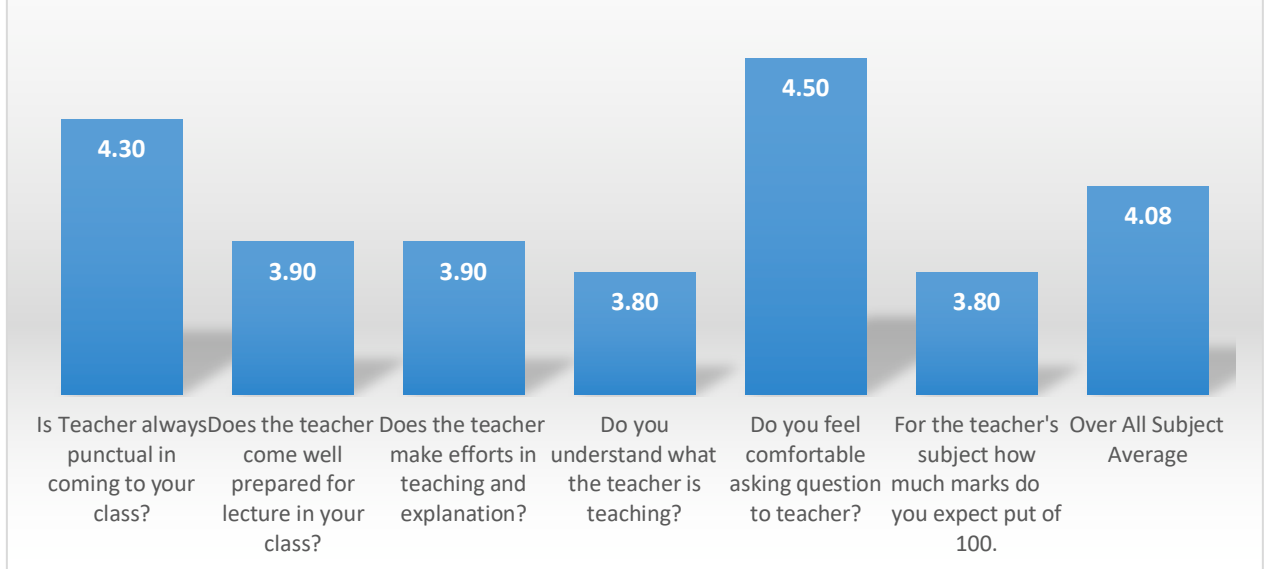


## BTech Seventh Sem ( 2017-21 Batch )

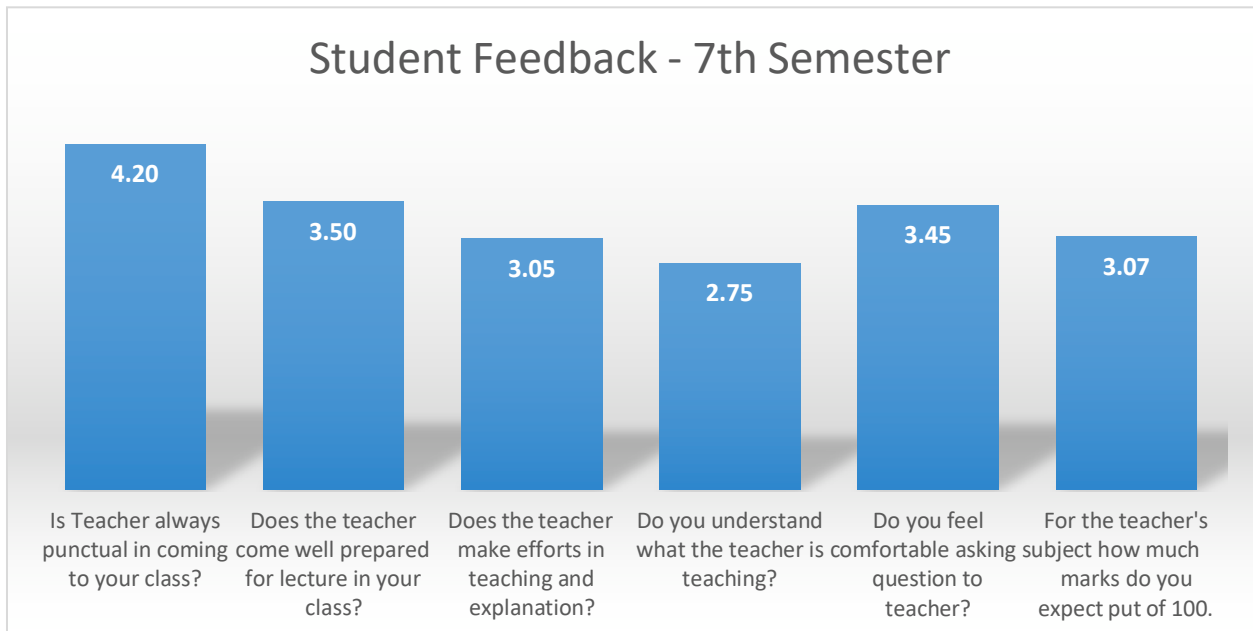
### Student Feedback on Disaster Mangement



## Student Feedback on Wind and Solar Energy System

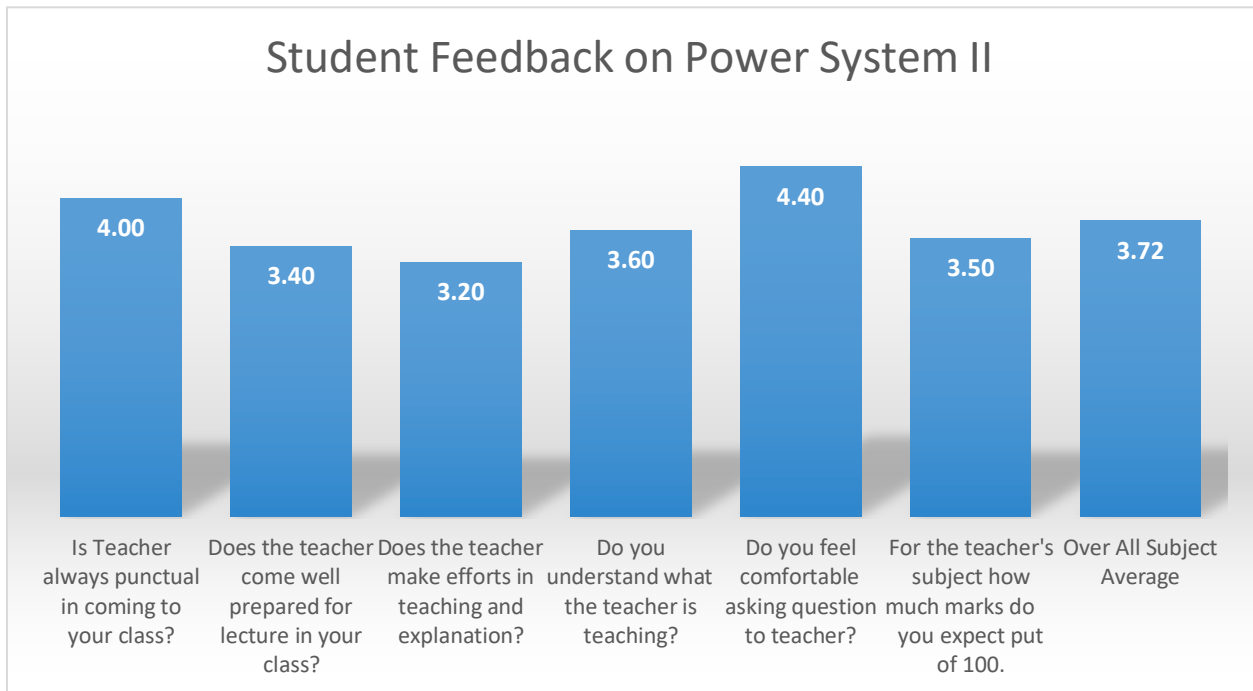
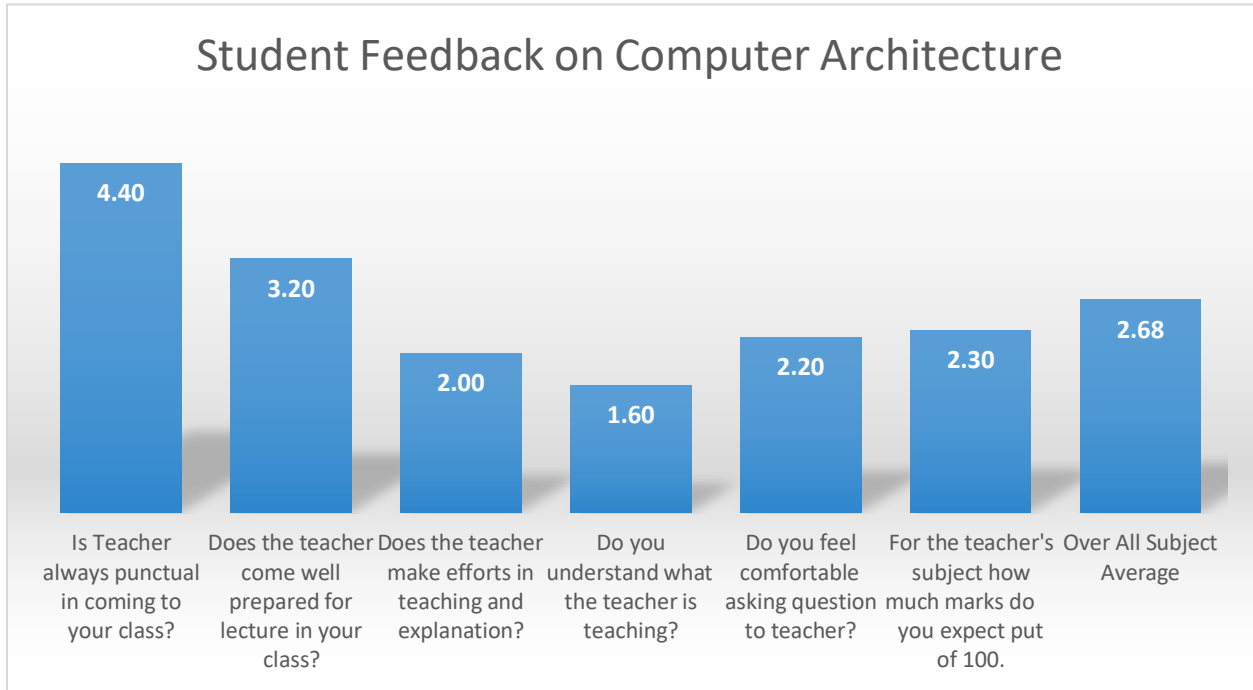


The overall chart is as follows –

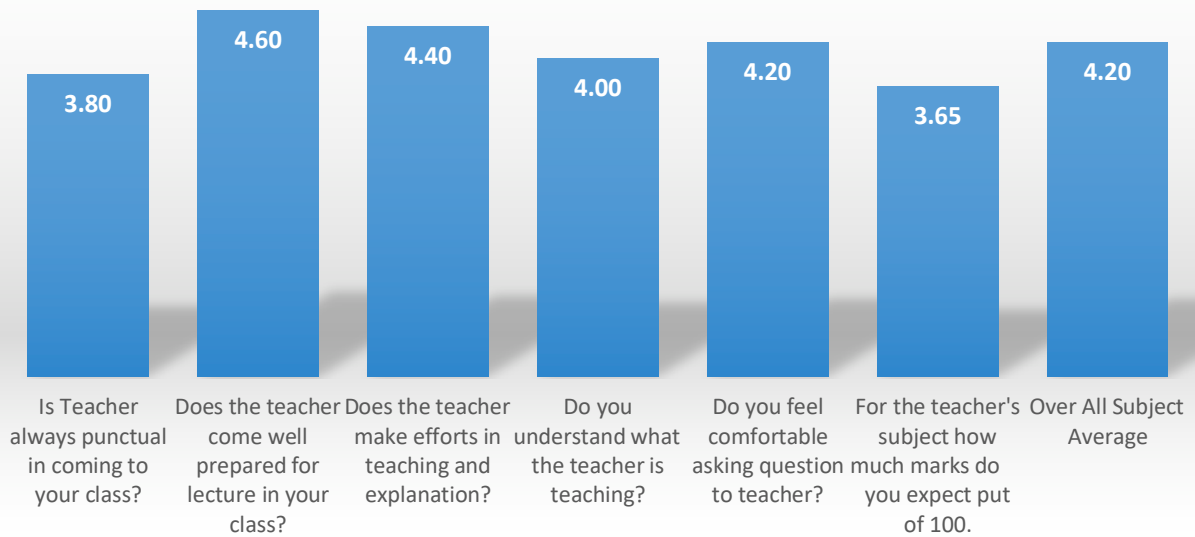


**Even semester**

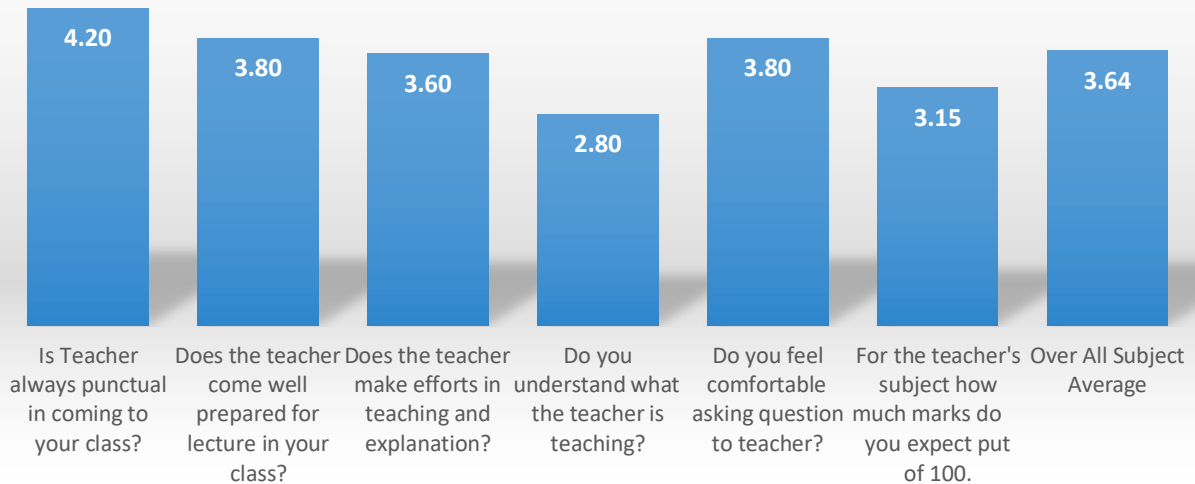
**BTech Sixth Sem ( 2018-22 Batch )**



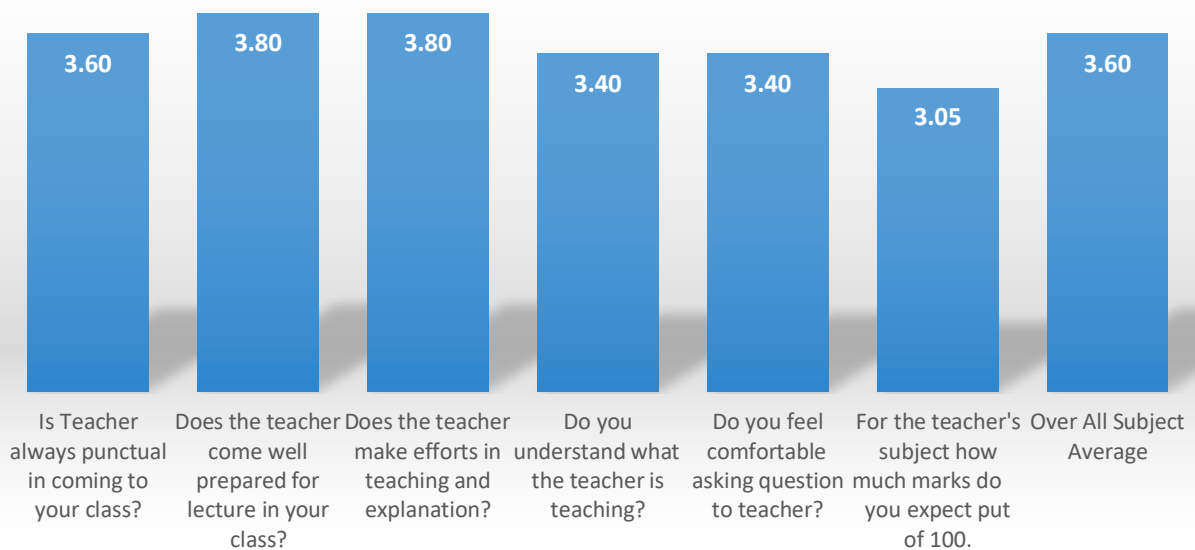
## Student Feedback on Power System Protection



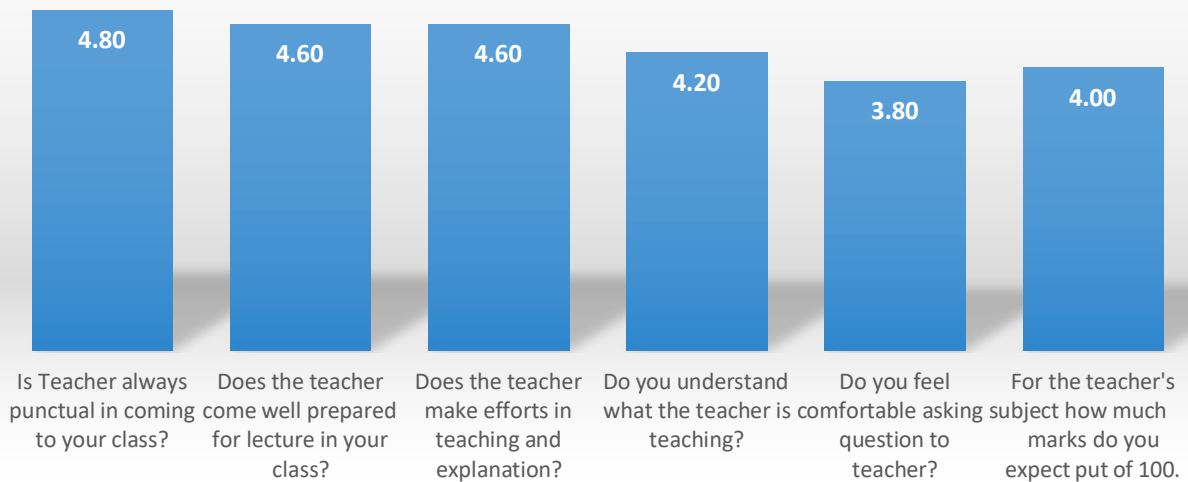
## Student Feedback on Electrical Energy Conversion & Editing



## Student Feedback on Electric Drives

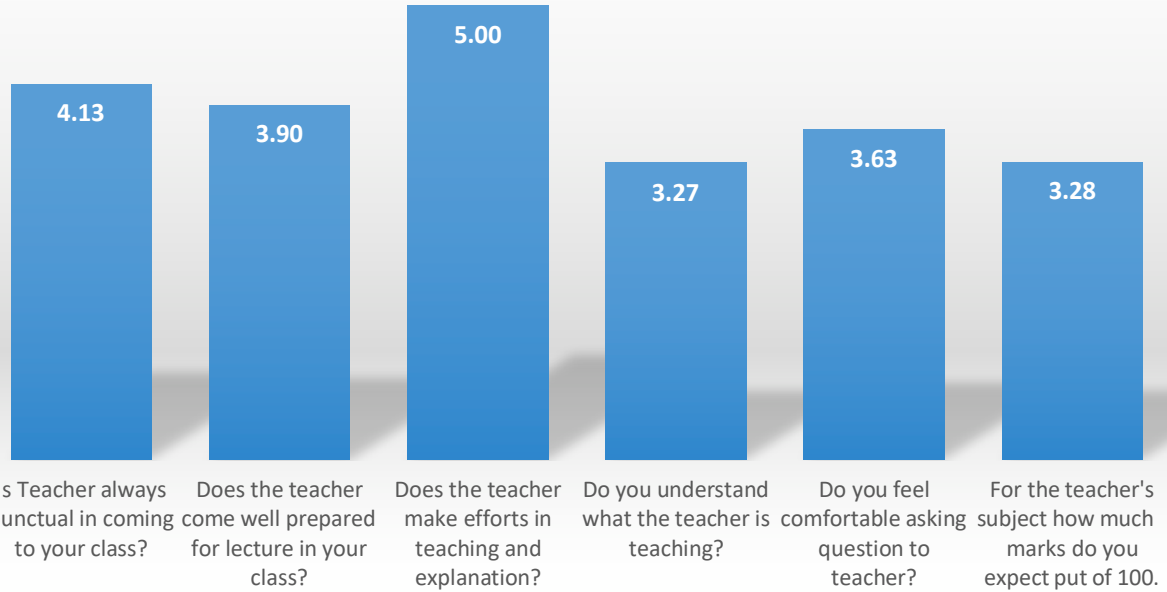


## Student Feedback on Power System Planning



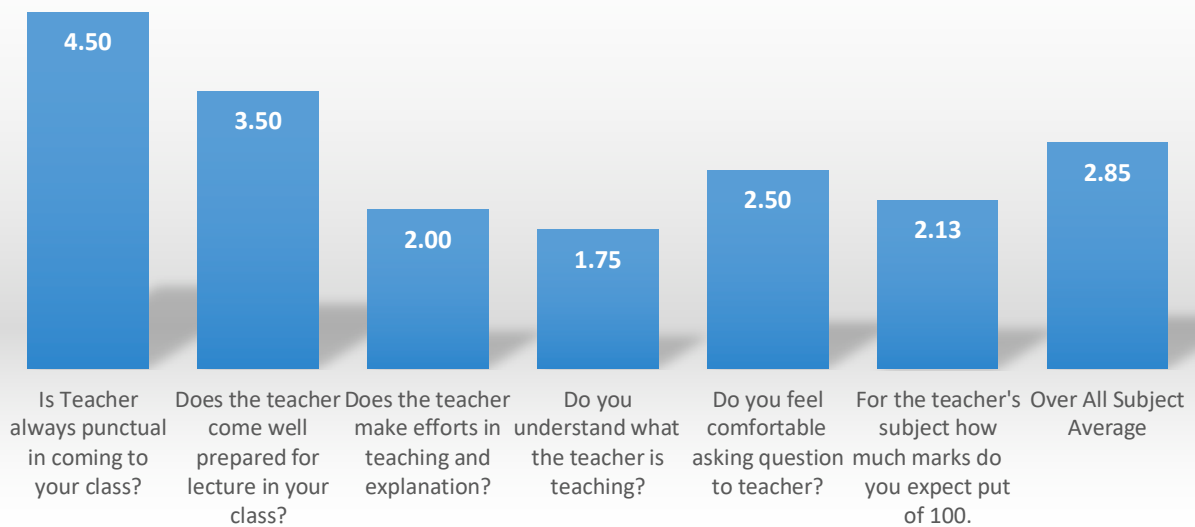
The overall chart is as follows –

## Student Feedback - 6th Semester

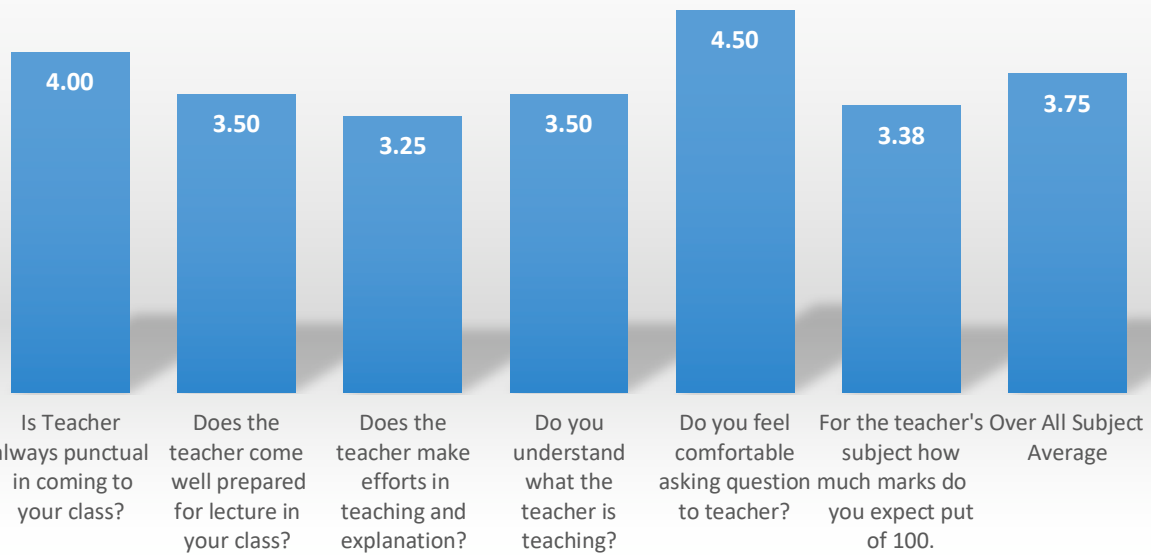


### **BTech Eighth Sem ( 2017-21 Batch )**

## Student Feedback on HVDC Transmission System

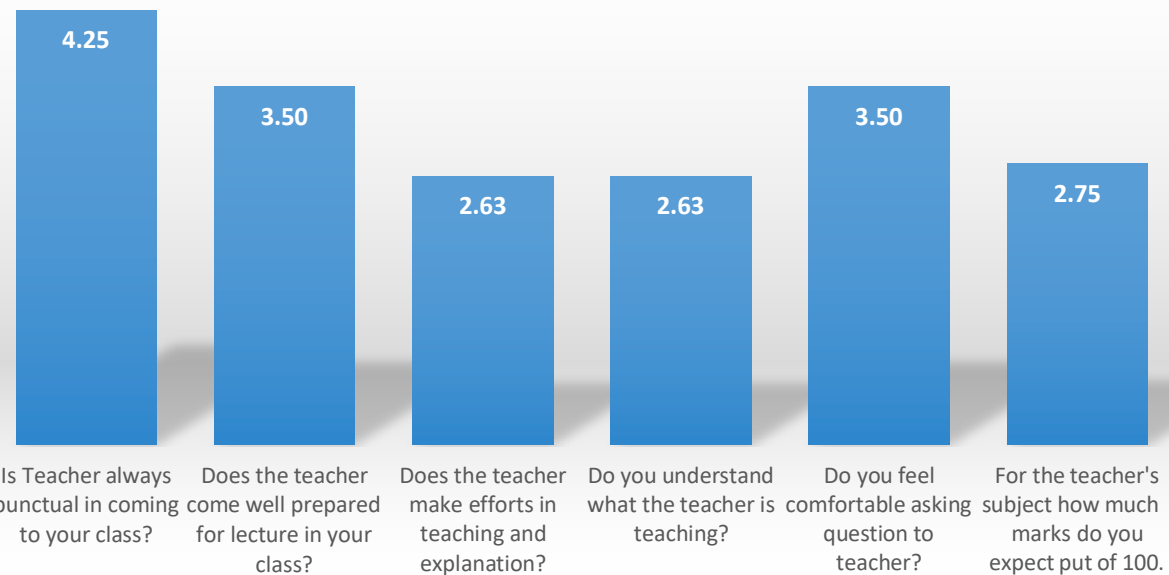


## Student Feedback on Factor of human interactions



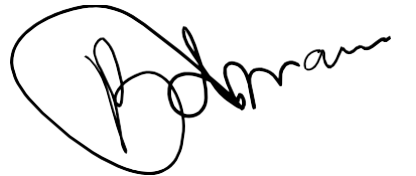
The overall chart is as follows –

## Student Feedback - 8th Semester



### **ACTION TAKEN BASED ON FEEDBACK**

- The faculty of Electric Machines was counseled and advised to teach in slightly less speed and do more board work. Once he followed, the issue was resolved.
- The faculty of Microprocessor was requested to take few classes in labs to integrate theory with practical. It was done and students were highly satisfied.
- As per request of students, the faculty of Disaster Management distributed notes for the students.
- The faculty of Computer Architecture was replaced.
- The faculty of HDVC Transmission System was counseled by the Head to solve few mathematical problems too which was immediately taken care off to resolve the issue.

A handwritten signature in black ink, appearing to read 'Prakash Bahrani', enclosed within a large, loopy oval shape.

**Prof Dr Prakash Bahrani**  
Head, Department of Electrical Engineering



## **STUDENT FEEDBACK ANALYSIS AND ACTION TAKEN (2020-21)** **DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING**

### **PART A (Student's Feedback on Faculty Performance during the classroom)**

The institute conducts student feedback on academic level and syllabus transaction. The rating is normally given on a scale of 1 to 5.

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Question 1 in the feedback form: Is teacher always punctual in coming to your class?

Question 2 in the feedback form: Does the teacher come well prepared for lecture in your class?

Question 3 in the feedback form: Does the teacher make efforts in teaching and explanation?

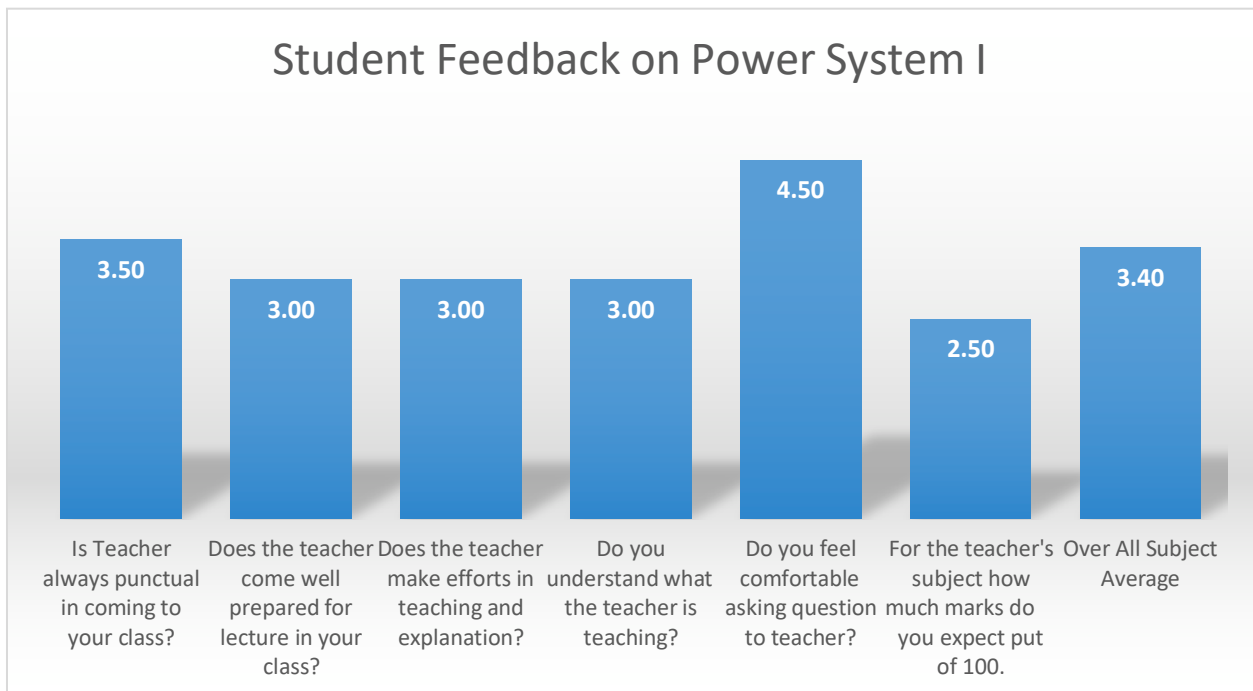
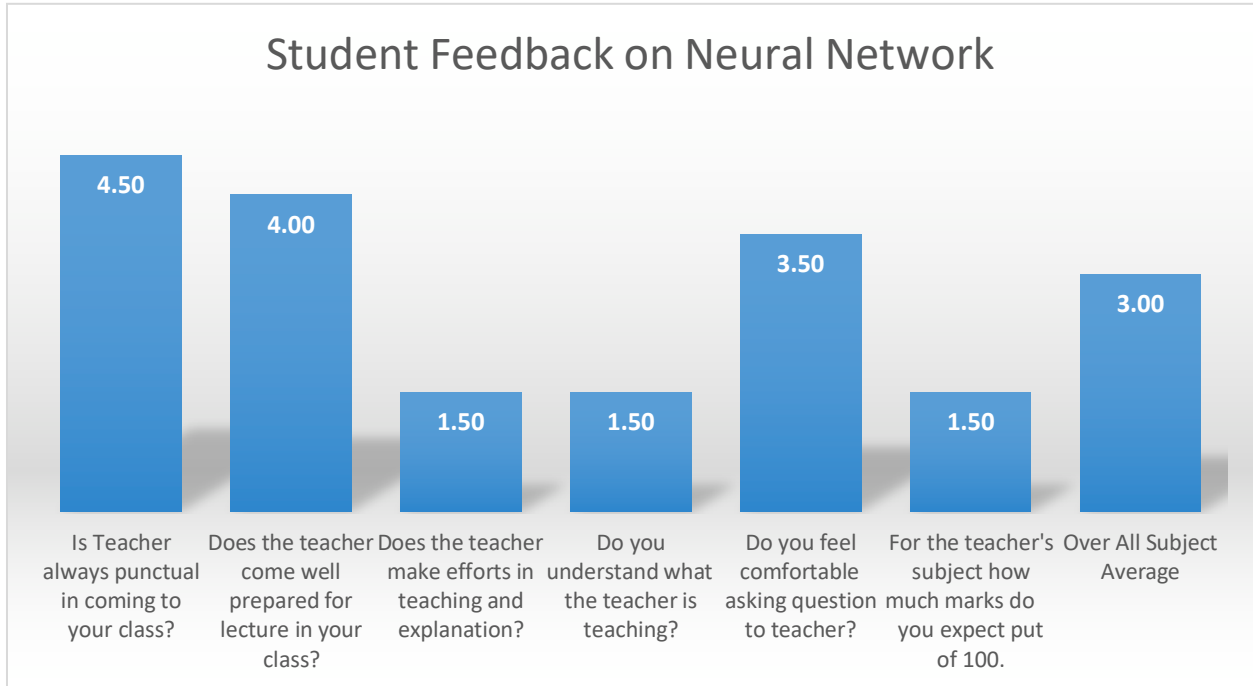
Question 4 in the feedback form: Do you understand what the teacher is teaching?

Question 5 in the feedback form: Do you feel comfortable asking question to teacher?

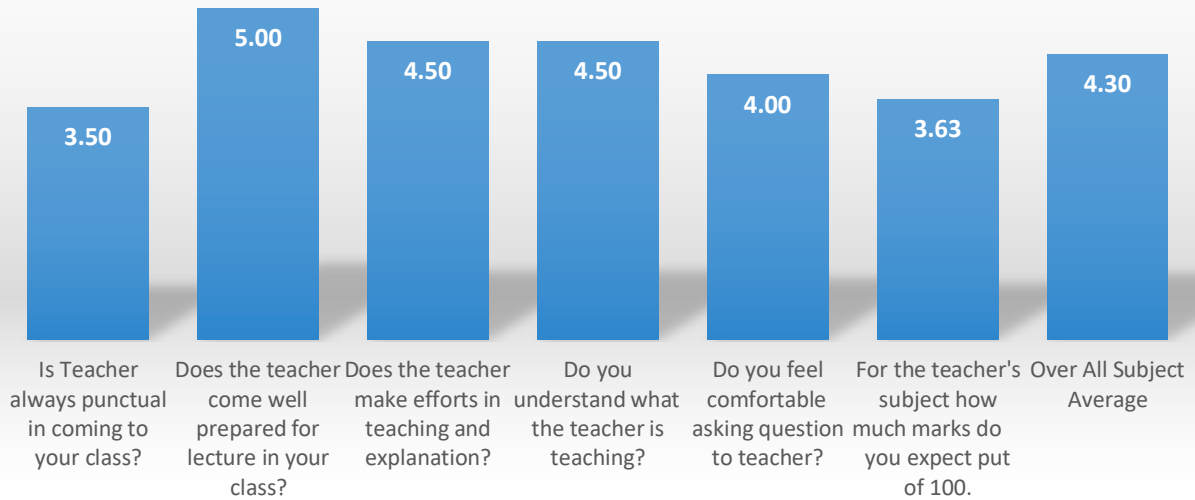
Question 6 in the feedback form: For the teacher's subject how much marks do you expect out of 100

**Odd semester**

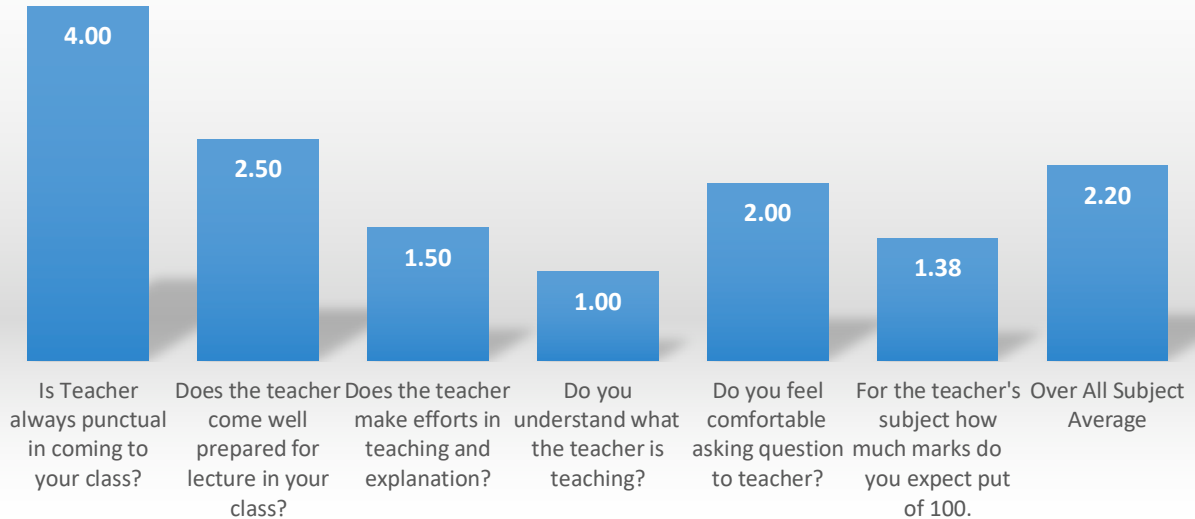
**BTech Fifth Sem ( 2018-22 Batch )**



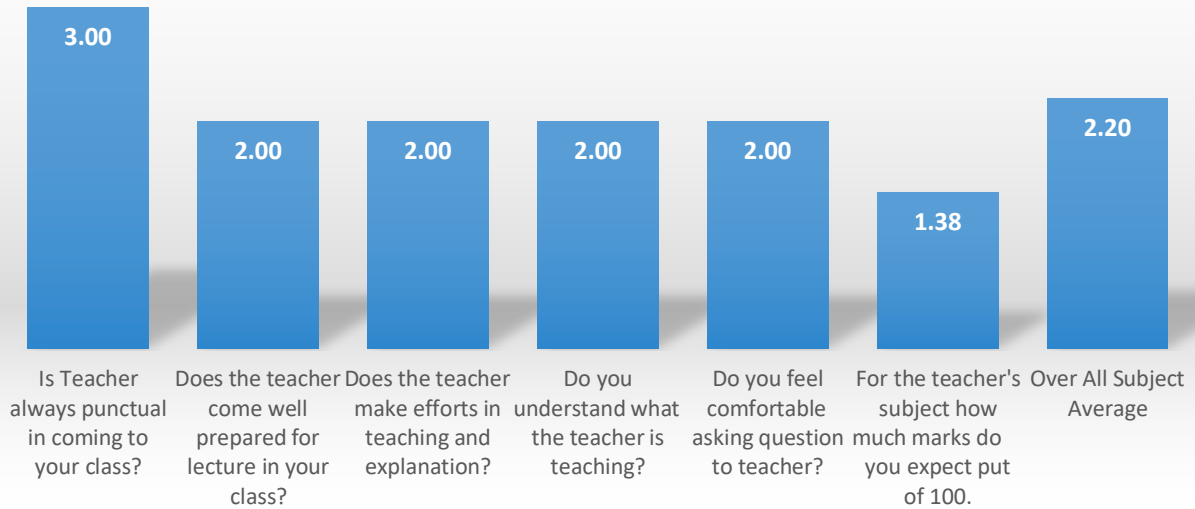
## Student Feedback on Control System



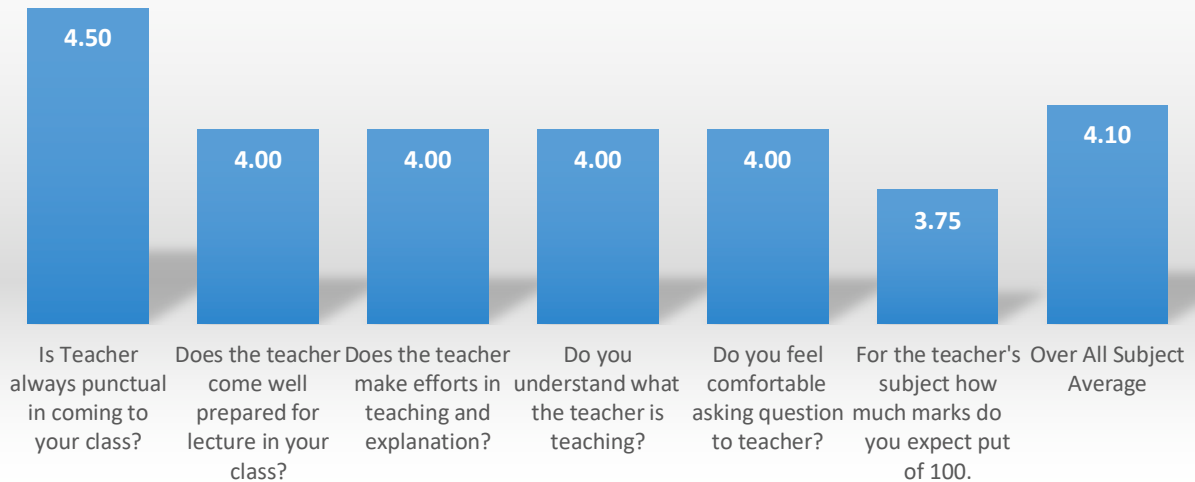
## Student Feedback on Microprocessor



## Student Feedback on Analog Communication

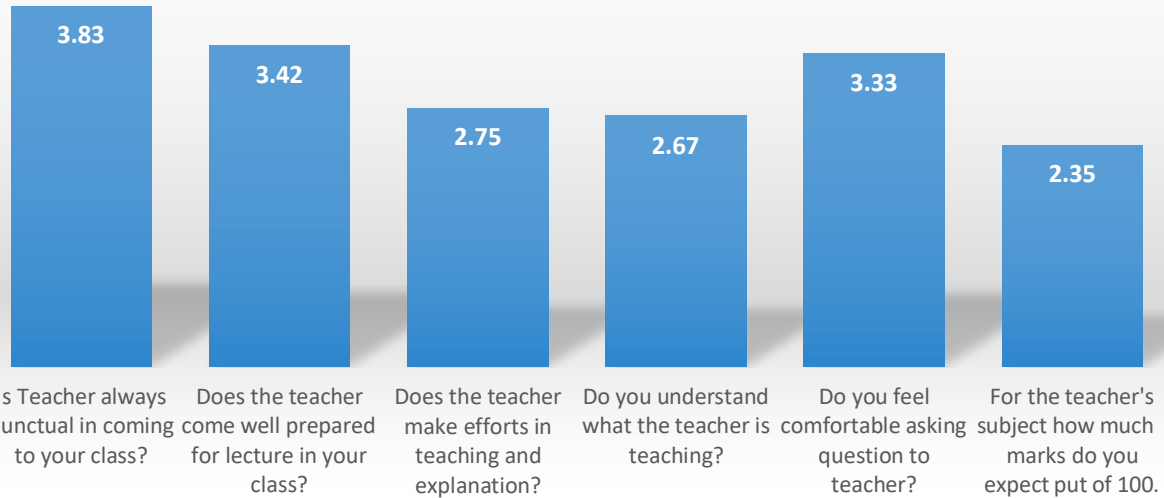


## Student Feedback on Introduction to VLSI



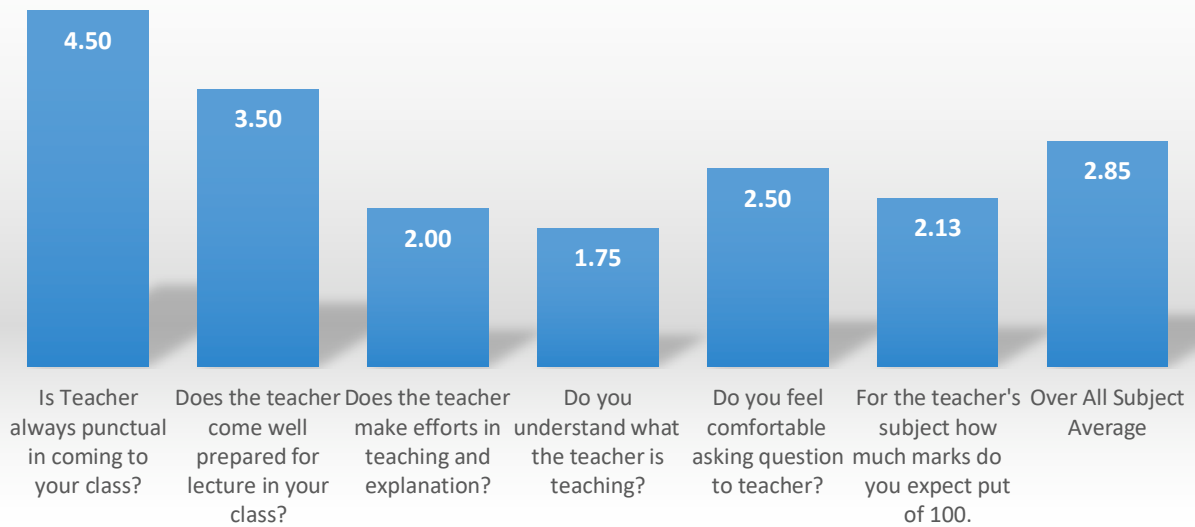
The overall chart is as follows –

## Student Feedback - 5th Semester

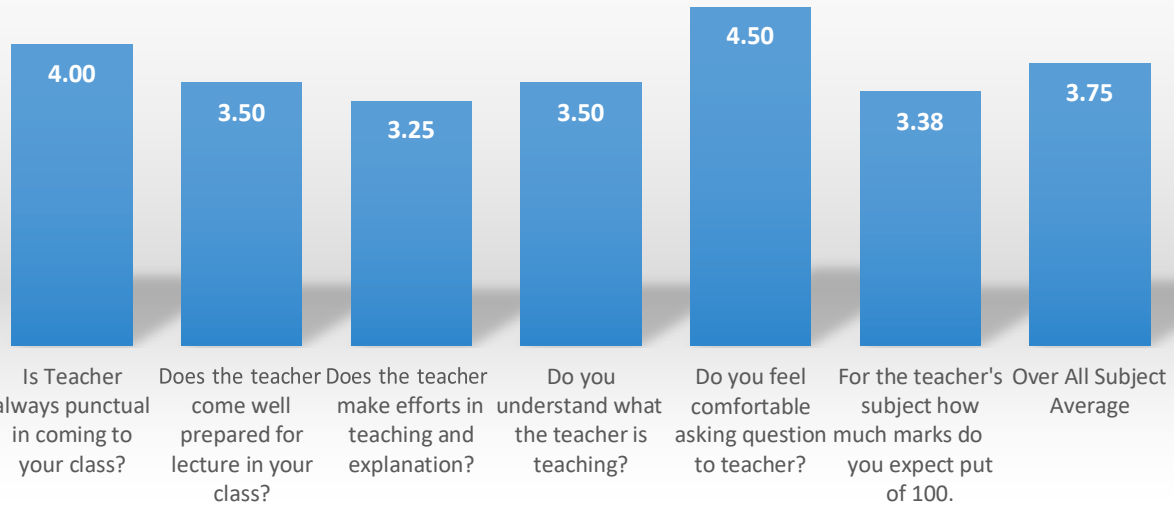


## BTech Seventh Sem ( 2017-21 Batch )

## Student Feedback on Digital Signal Processing

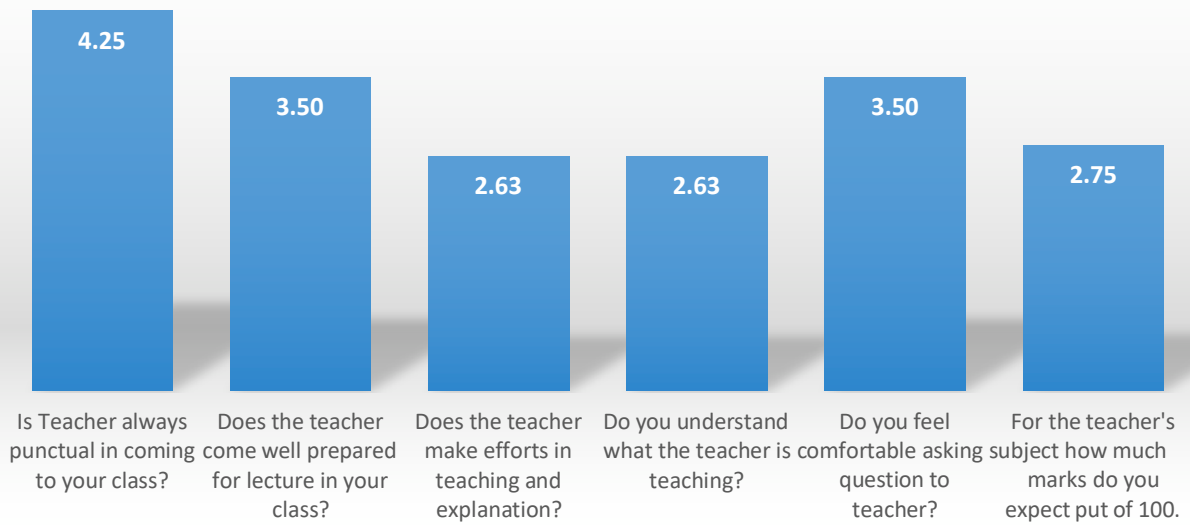


## Student Feedback on Disaster Management



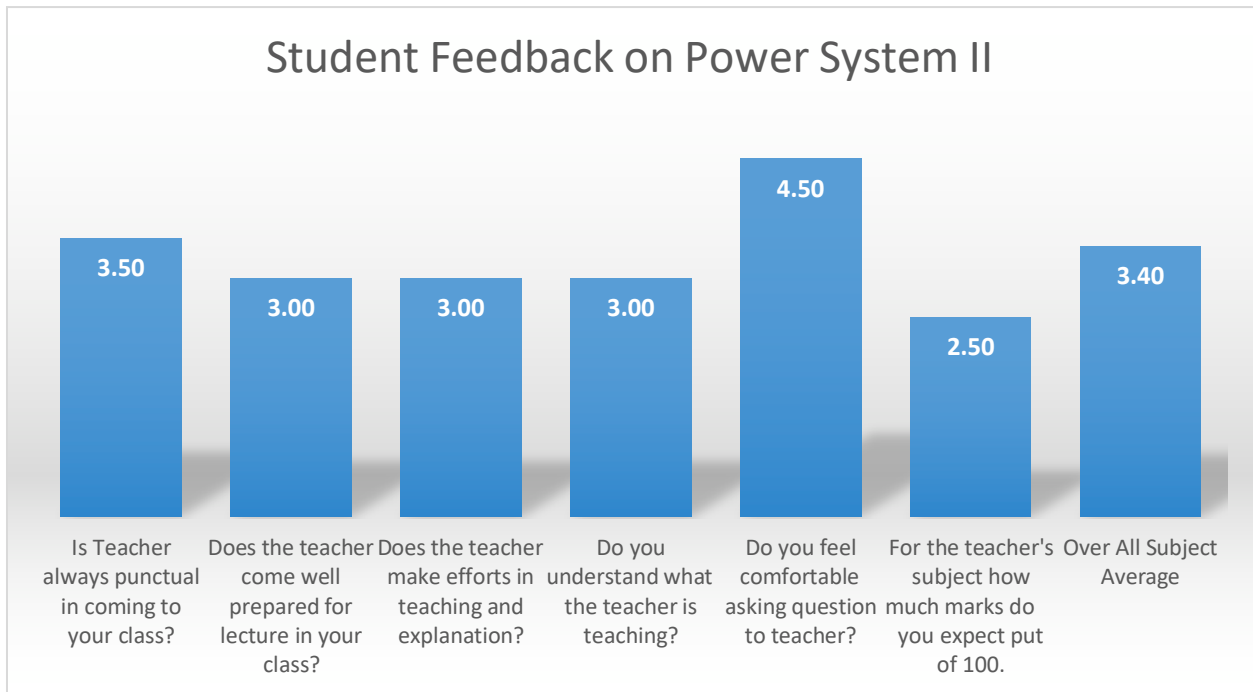
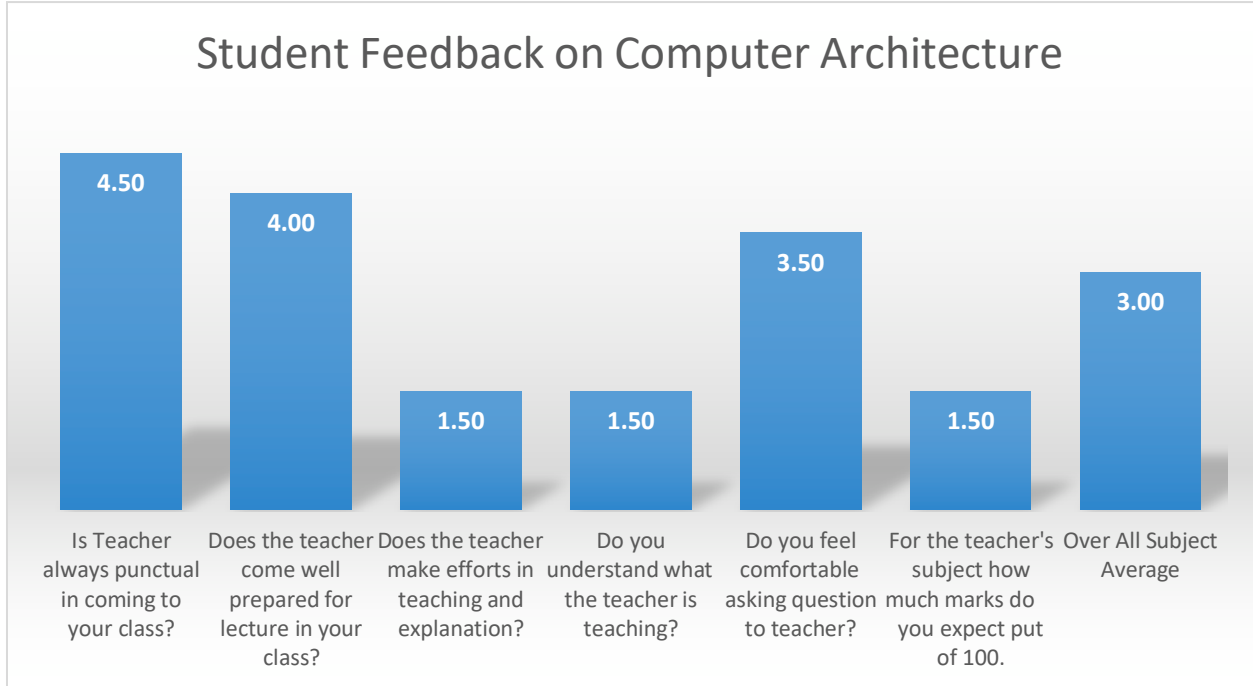
The overall chart is as follows –

## Student Feedback - 7th Semester

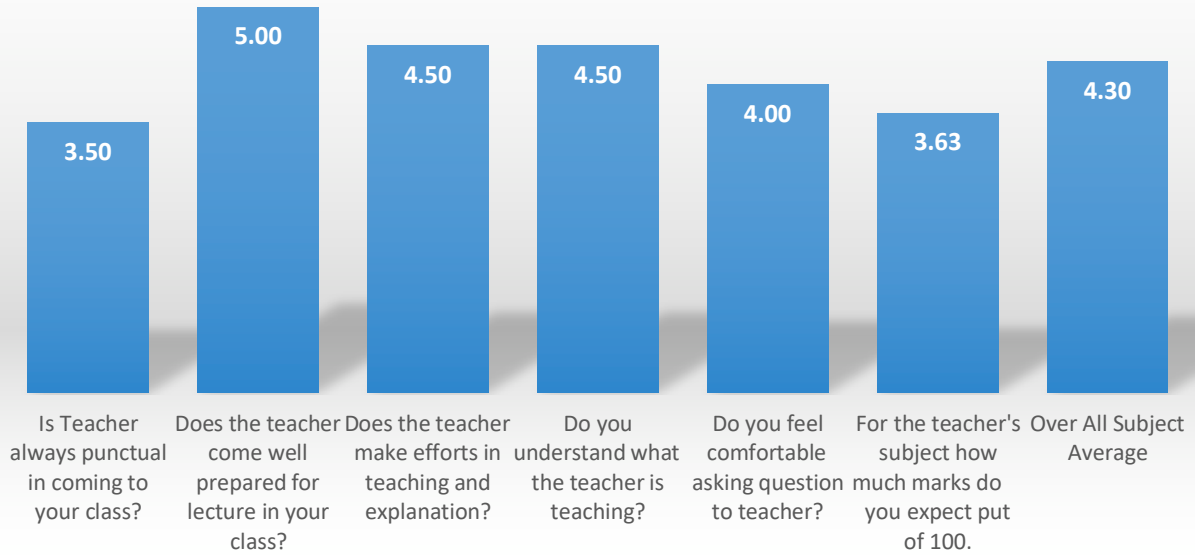


**Even semester**

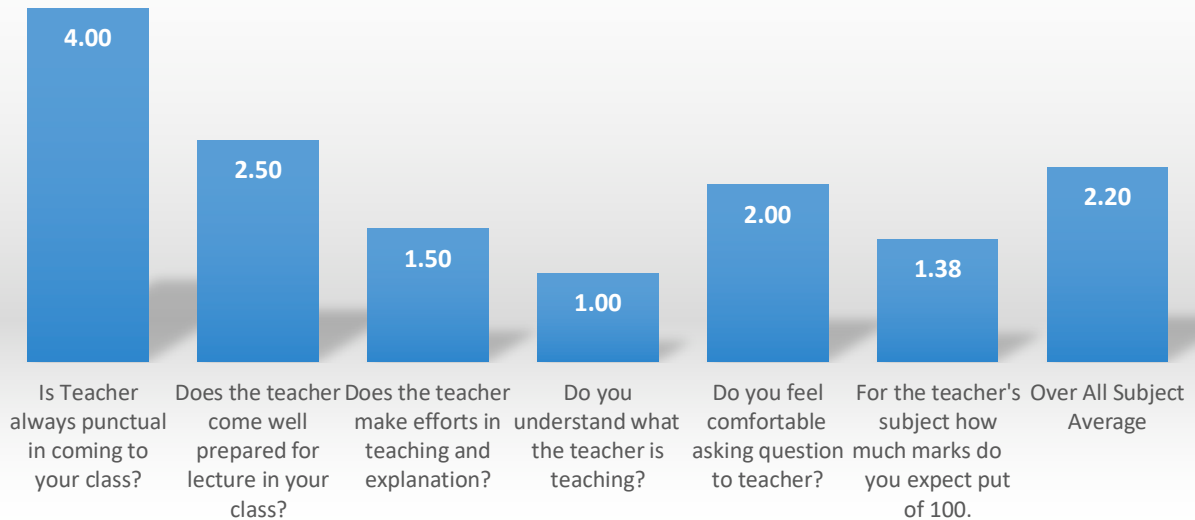
**BTech Sixth Sem ( 2018-22 Batch )**



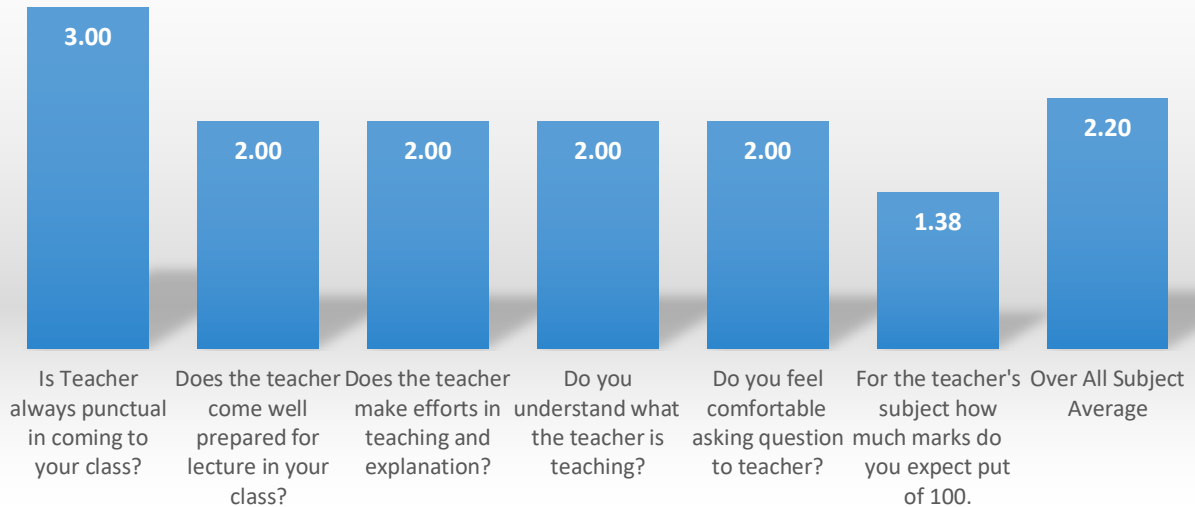
## Student Feedback on Power System Protection



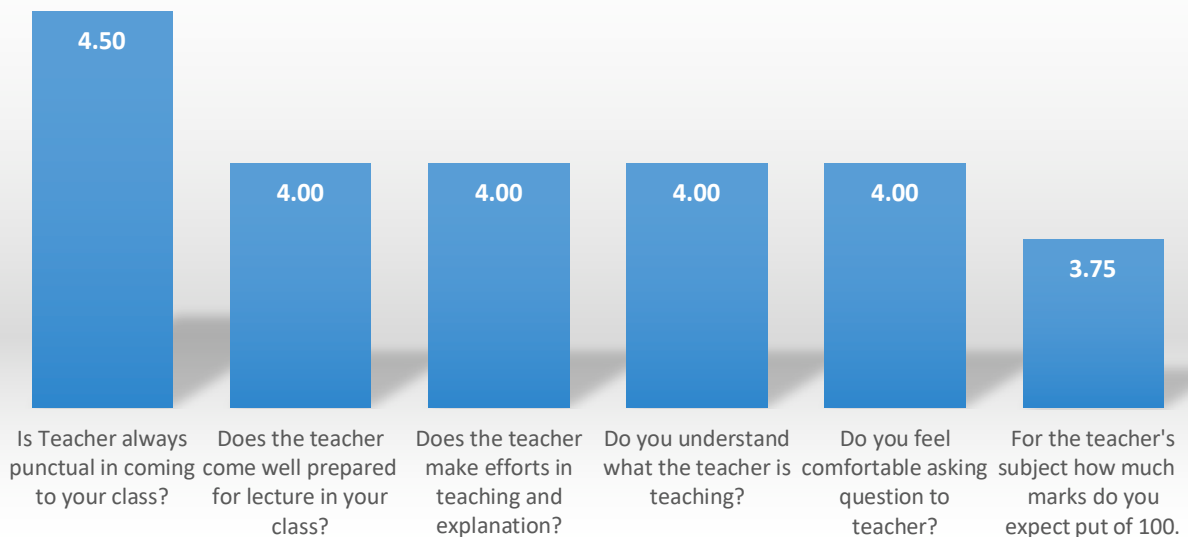
## Student Feedback on DBMS



## Student Feedback on Electric Drives

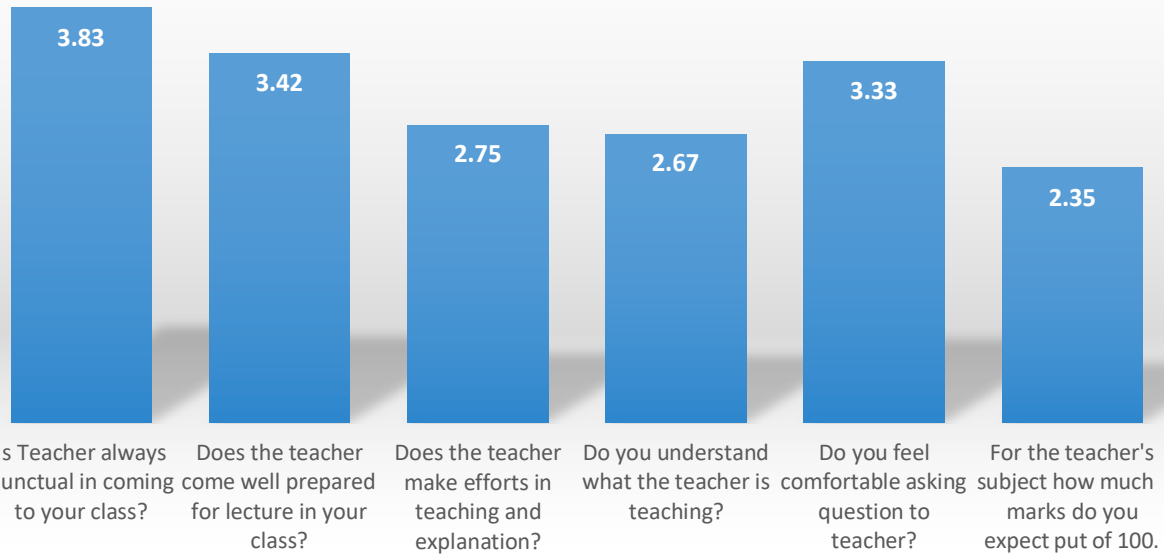


## Student Feedback on Smart Grid Technology



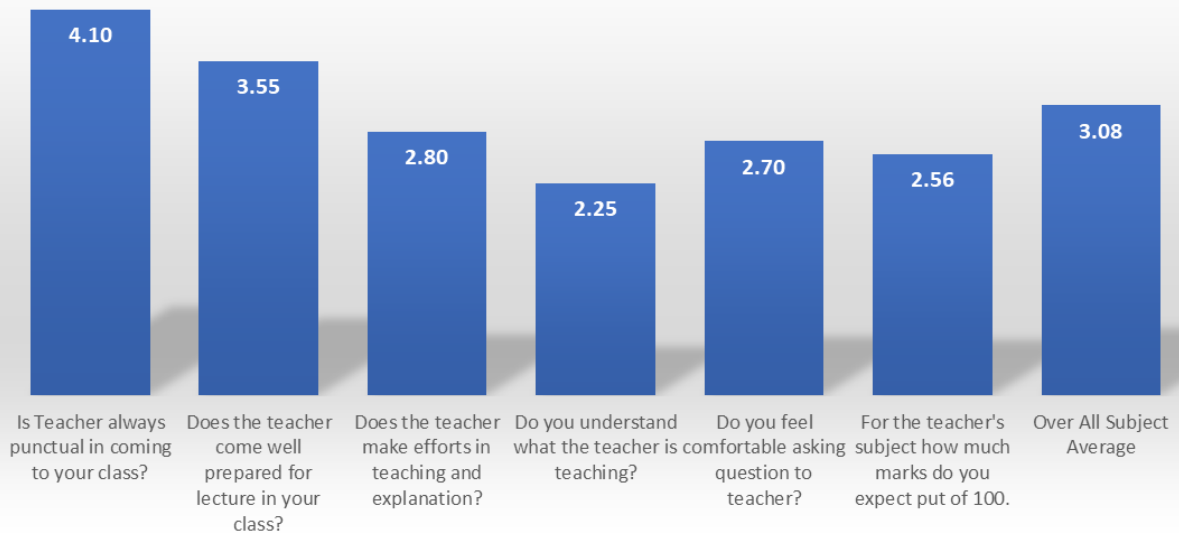
The overall chart is as follows –

## Student Feedback - 6th Semester

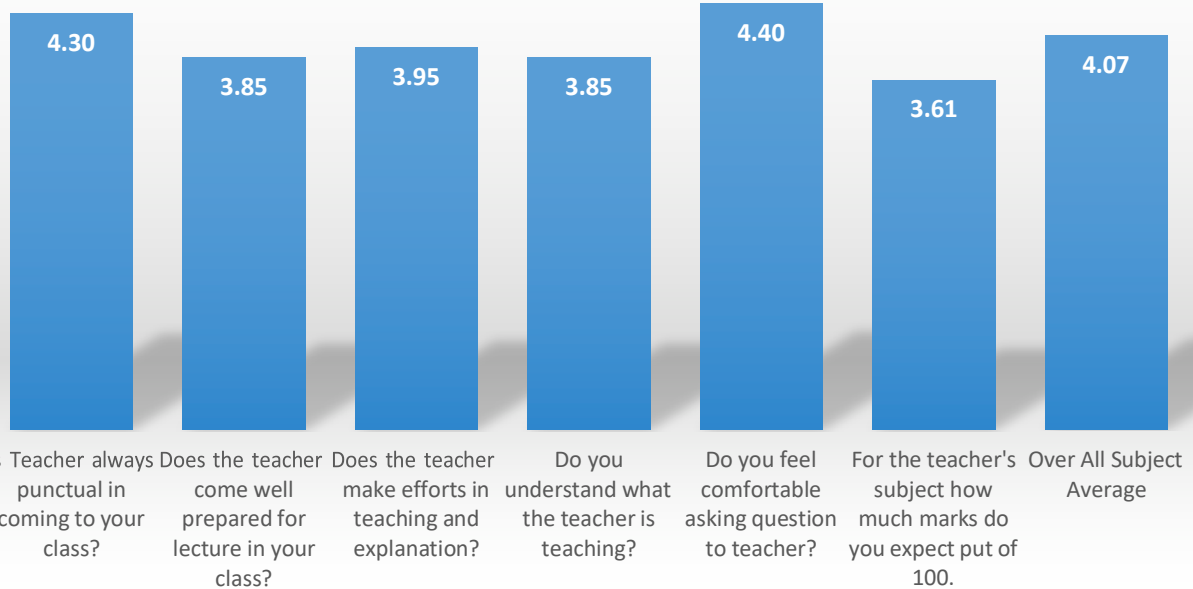


## BTech Eighth Sem ( 2017-21 Batch )

### Student Feedback on DC&IT

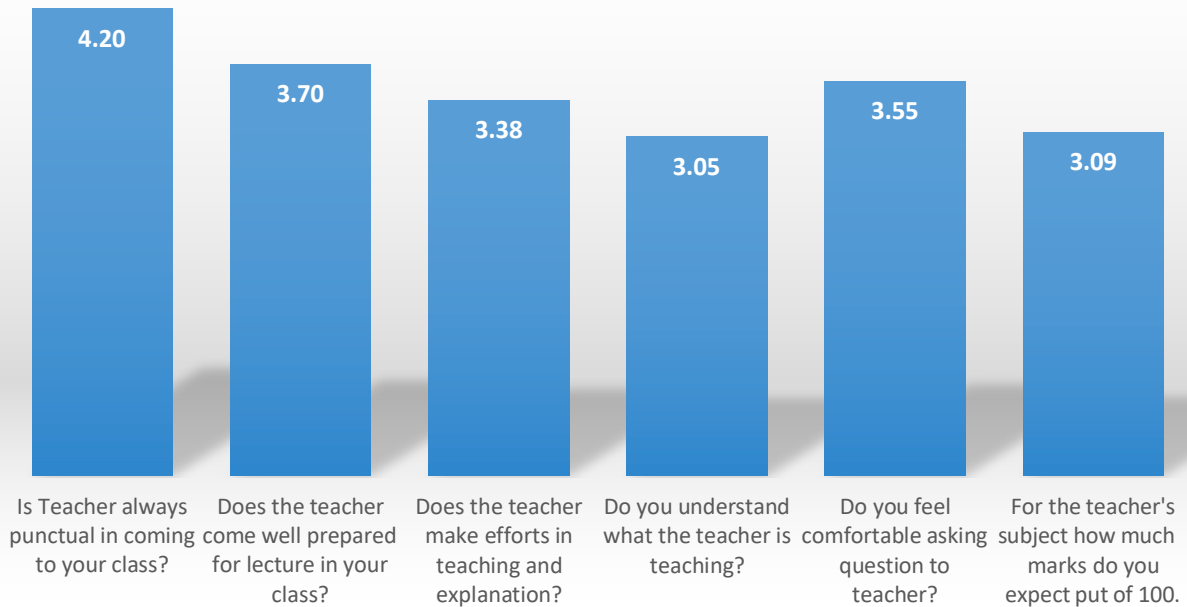


## Student Feedback on Factors of Human Interaction



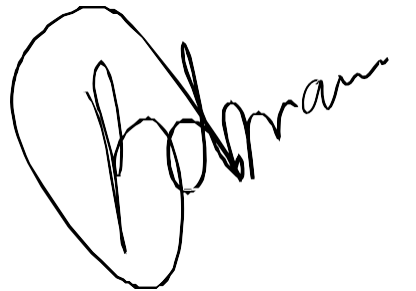
The overall chart is as follows –

## Student Feedback - 8th Semester



### **ACTION TAKEN BASED ON FEEDBACK**

- As per request of students, the faculty of Neural Networks gave handouts that helped the students a lot.
- The faculty of Computer Architecture was replaced.
- The faculty of Analog Communication was counseled and advised to teach in slightly less speed and do more board work. Once he followed, the issue was resolved.
- The faculty of Microprocessor was requested to take few classes in labs to integrate theory with practical. It was done and students were highly satisfied.
- The faculty of Digital Signal Processing was counseled by the Head to solve few mathematical problems too which was immediately taken care off to resolve the issue.
- The faculty of Database Management Systems improved a lot after outing extra efforts in notes and also making the class much more interactive.

A handwritten signature in black ink, appearing to read 'Prakash Bahrani', enclosed within a large, irregular oval shape.

**Prof Dr Prakash Bahrani**  
Head, Department of Electrical and Electronics Engineering



**TECHNO INDIA NJR INSTITUTE OF TECHNOLOGY**

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## **STUDENT FEEDBACK ANALYSIS AND ACTION TAKEN (2020-21)**

### **DEPARTMENT OF MECHANICAL ENGINEERING**

#### **PART A (Student's Feedback on Faculty Performance during the classroom)**

The institute conducts student feedback on academic level and syllabus transaction. The rating is normally given on a scale of 1 to 5.

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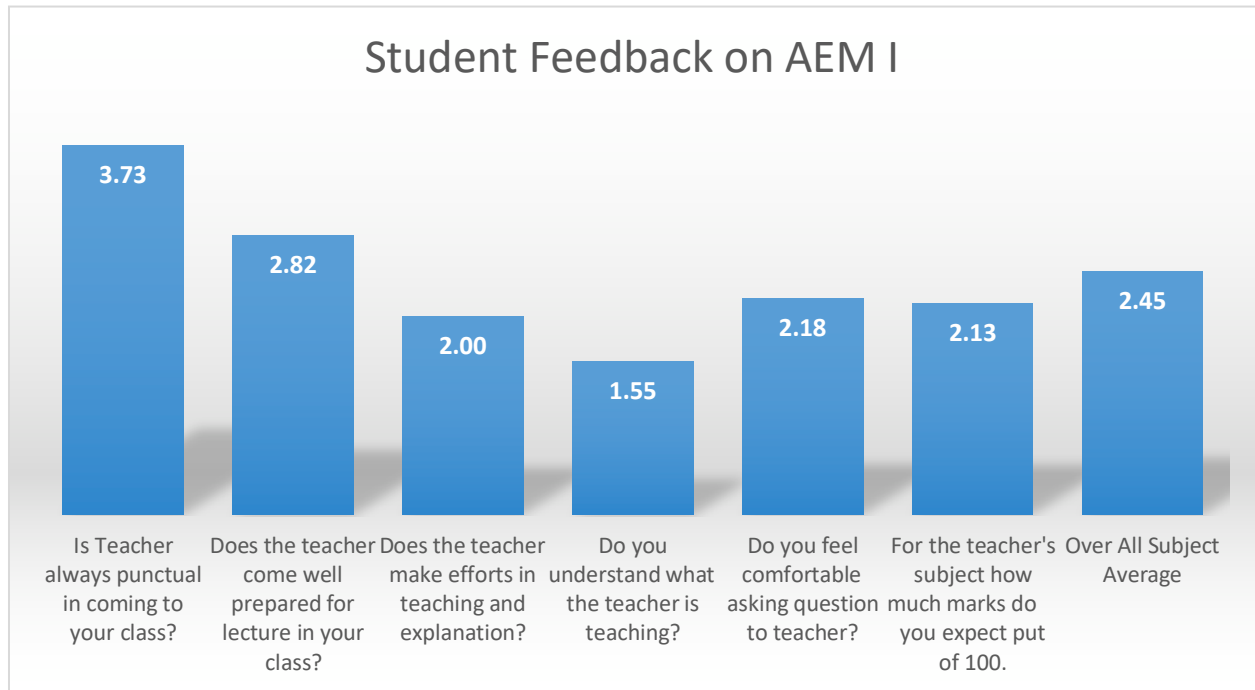
Question 4 in the feedback form: Do you understand what the teacher is teaching?

Question 5 in the feedback form: Do you feel comfortable asking question to teacher?

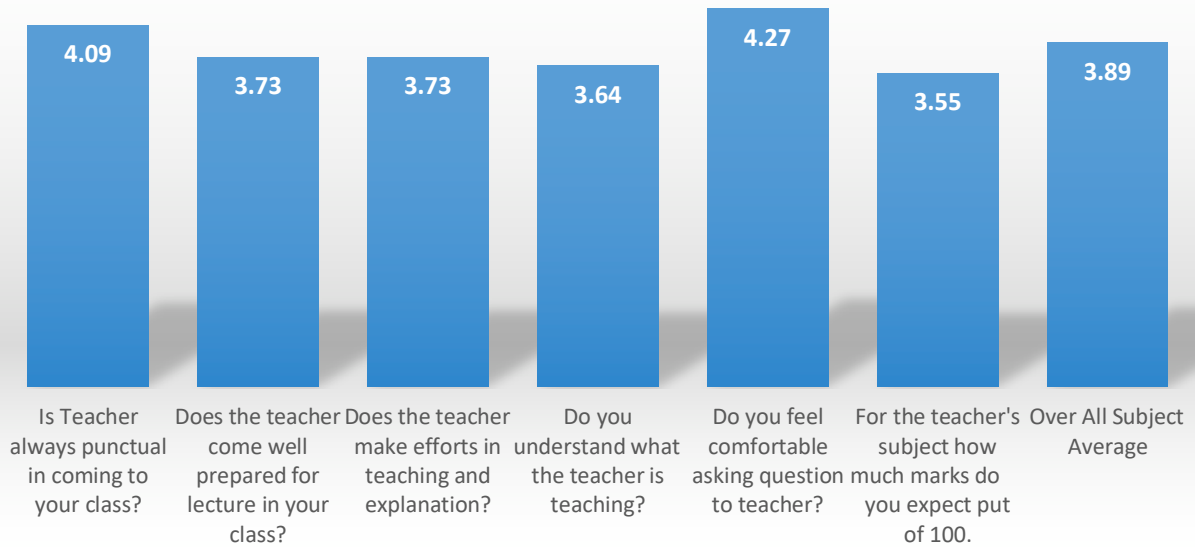
Question 6 in the feedback form: For the teacher's subject how much marks do you expect out of 100

**Odd semester**

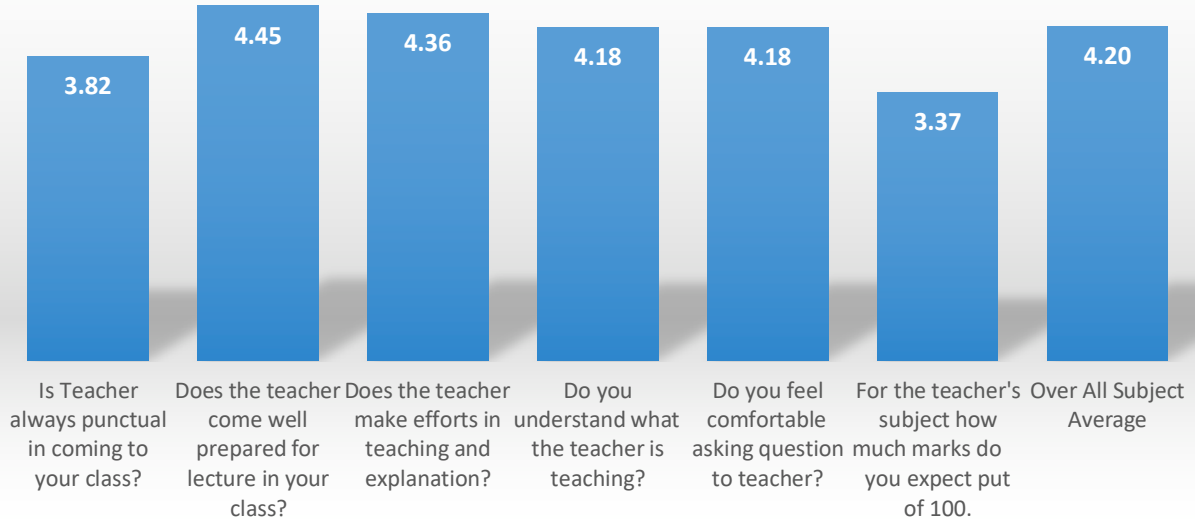
**BTech Third Sem ( 2019-23 Batch )**



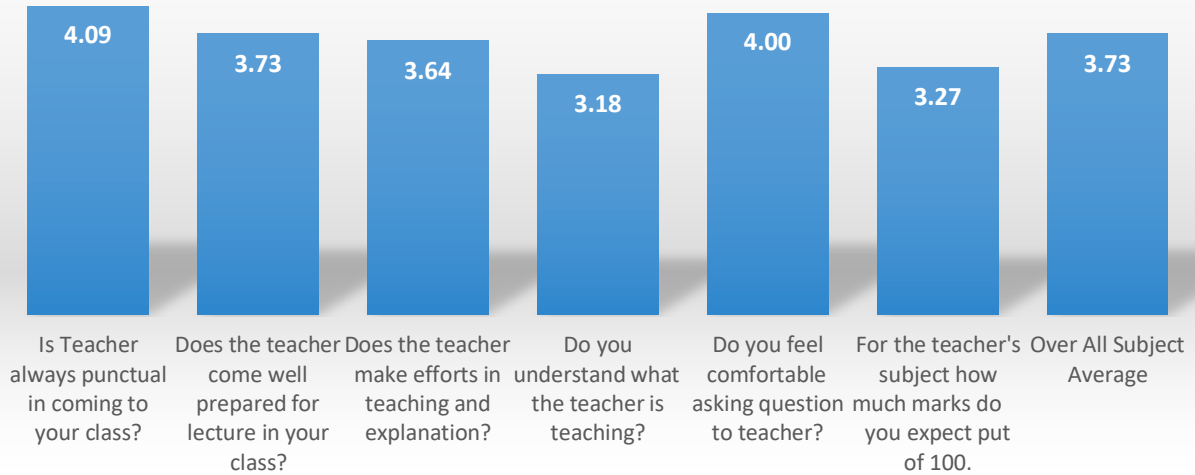
## Student Feedback on Technical Communication



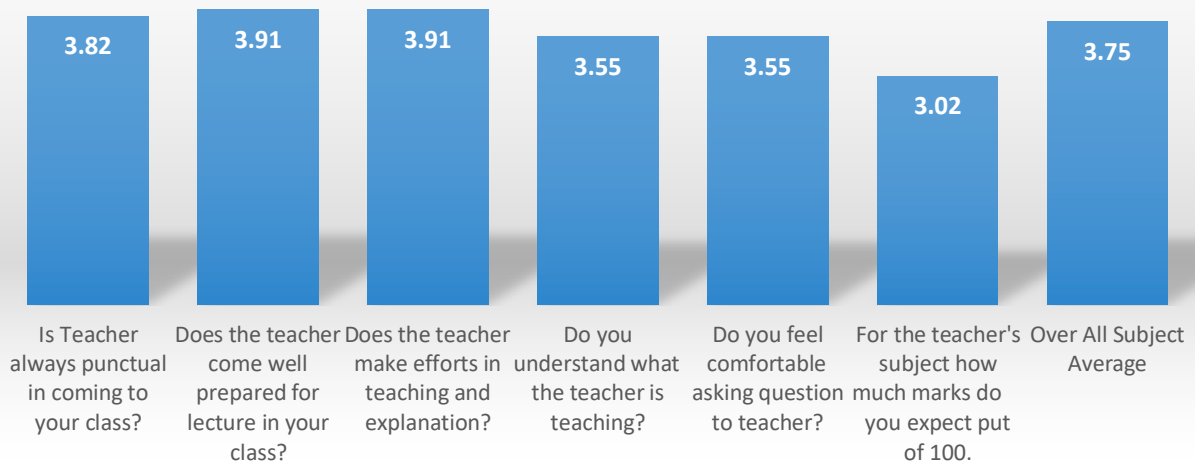
## Student Feedback on Engineering Mechanics



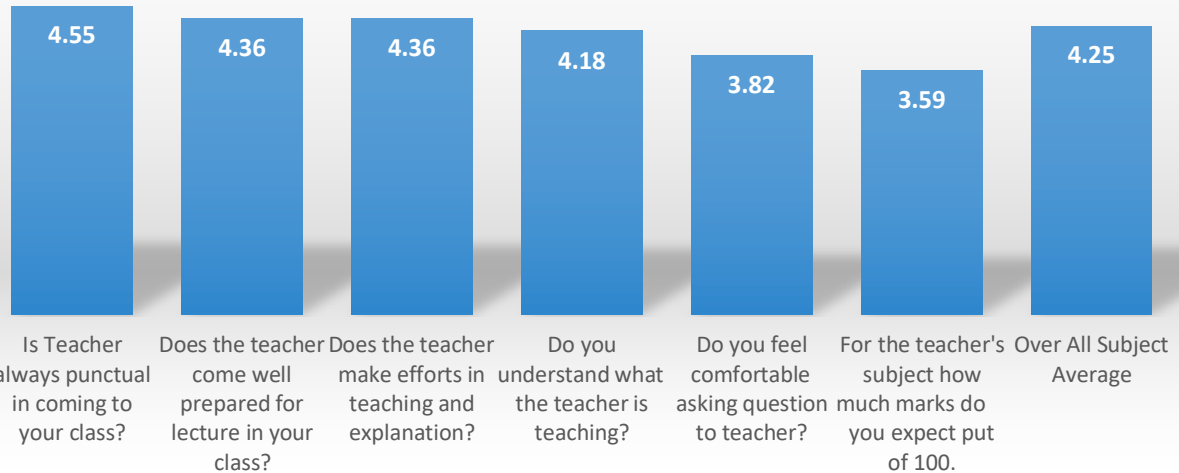
## Student Feedback on Engineering Thermodynamics



## Student Feedback on Material Science Engineering

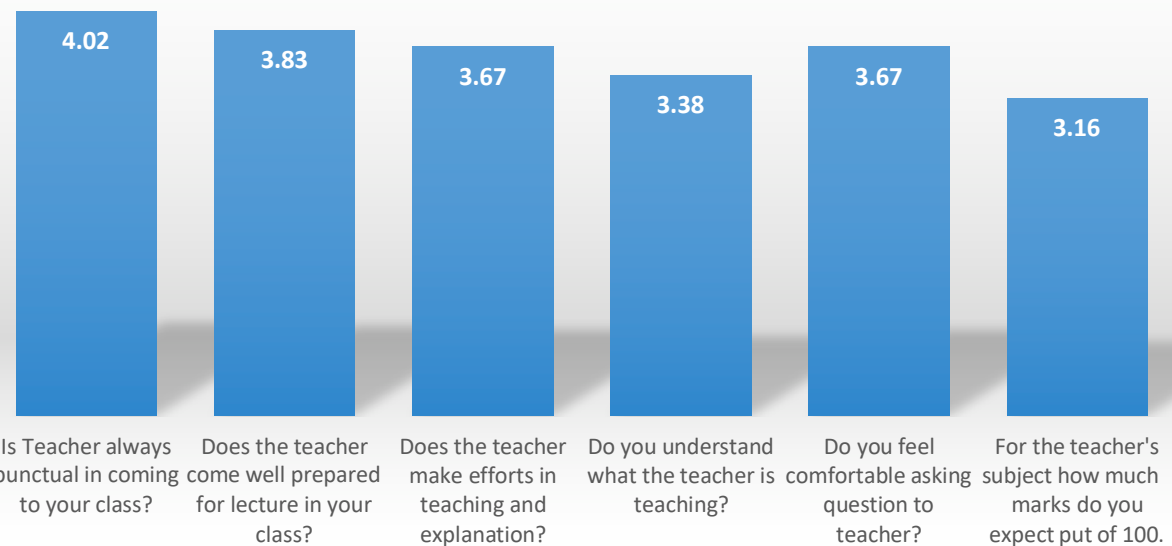


## Student Feedback on Mechanics of Solids



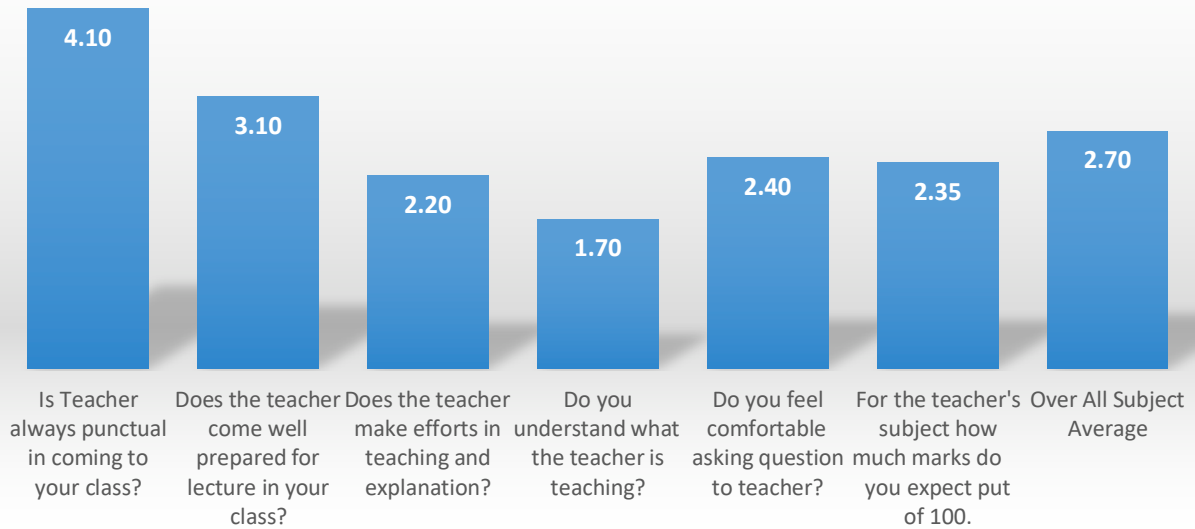
The overall feedback is as follows –

## Student Feedback - 3rd Semester

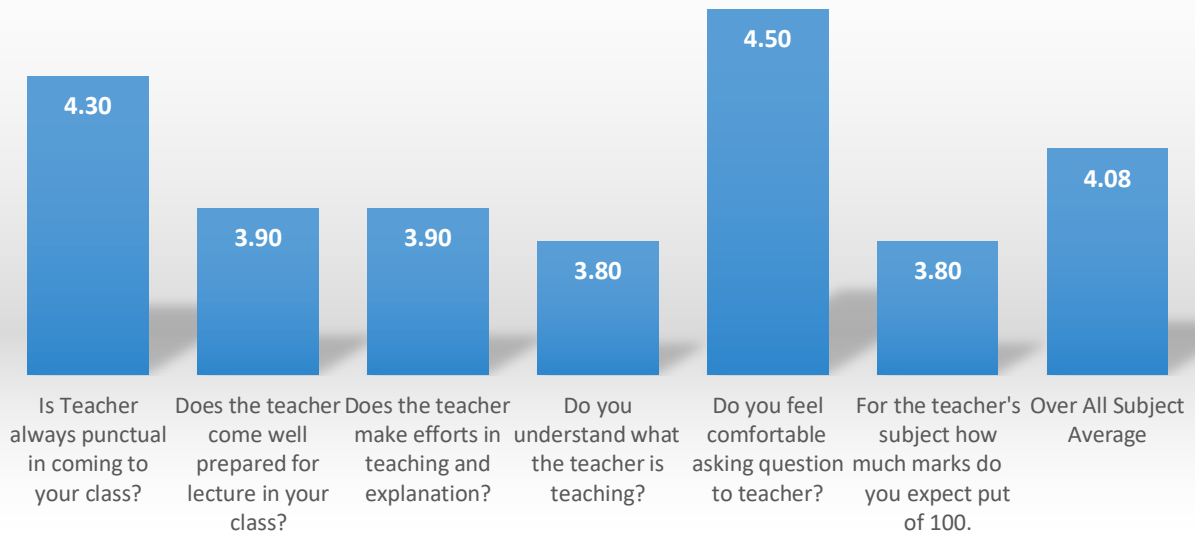


**BTech Fifth Sem ( 2018-22 Batch )**

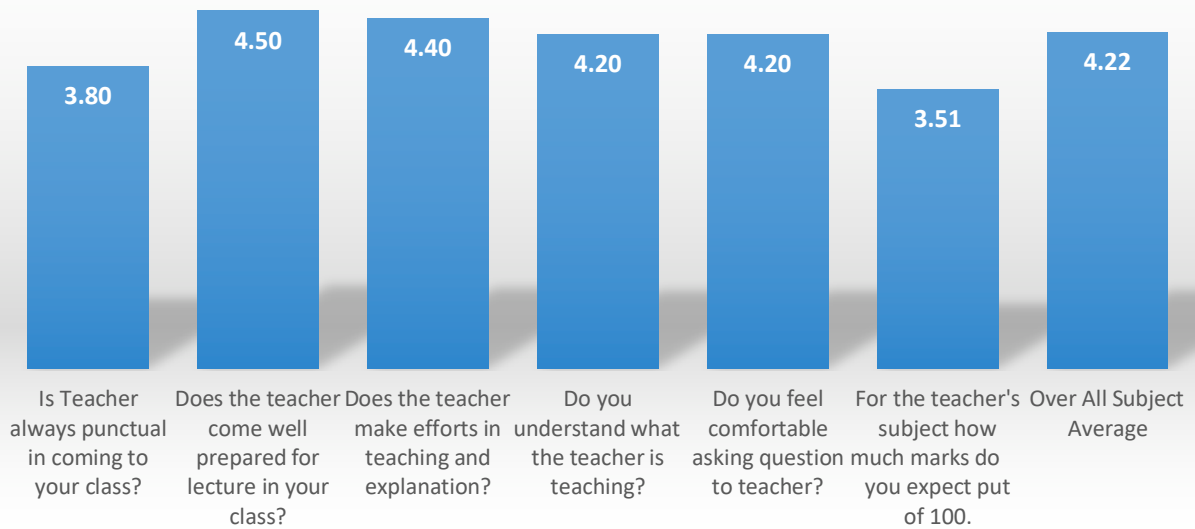
## Student Feedback on Mechatronics Systems



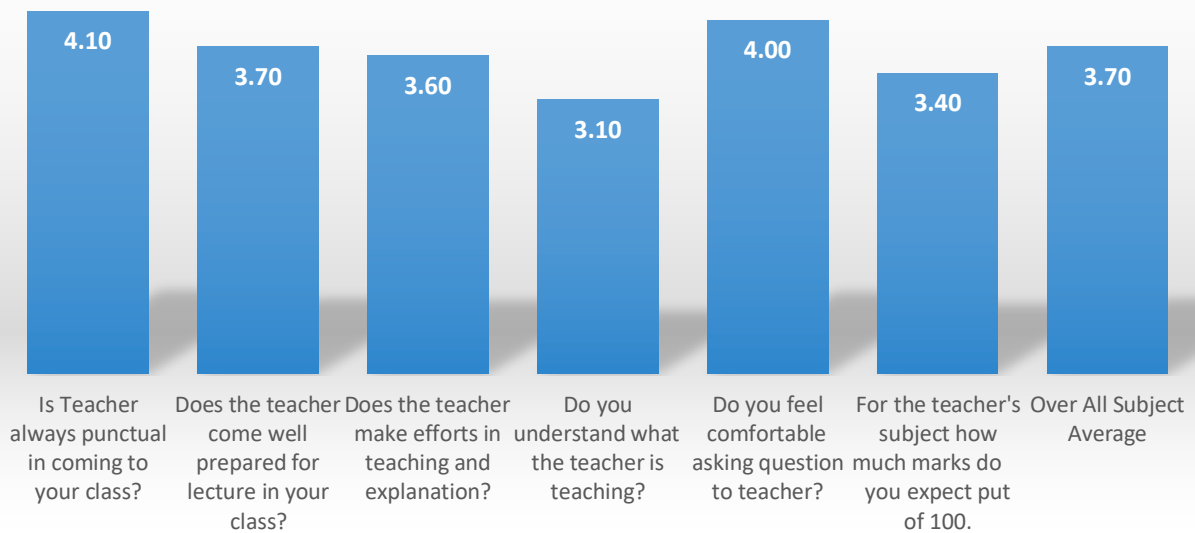
## Student Feedback on Heat Transfer



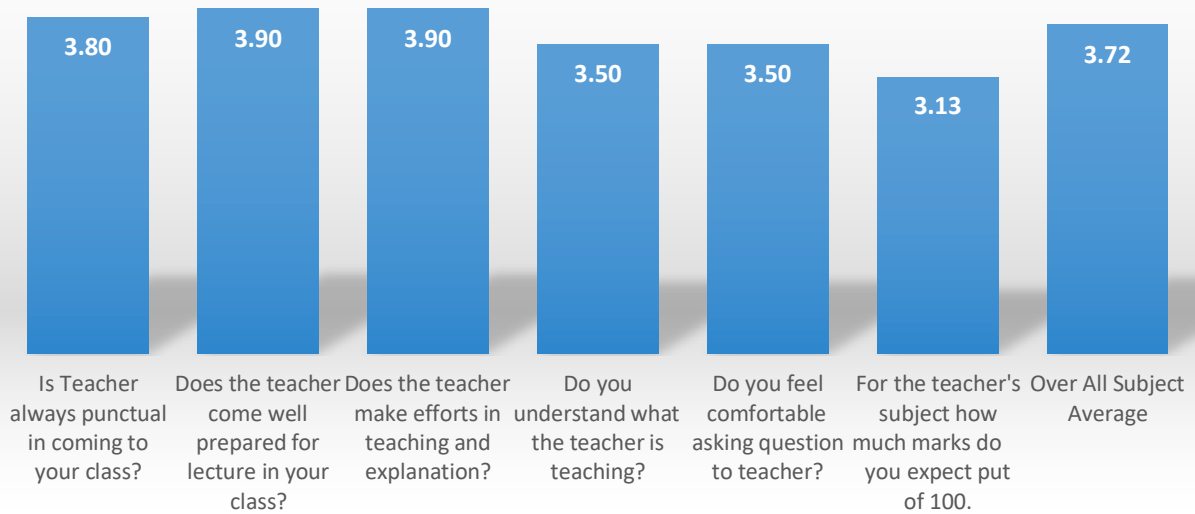
## Student Feedback on Manufacturing Technology



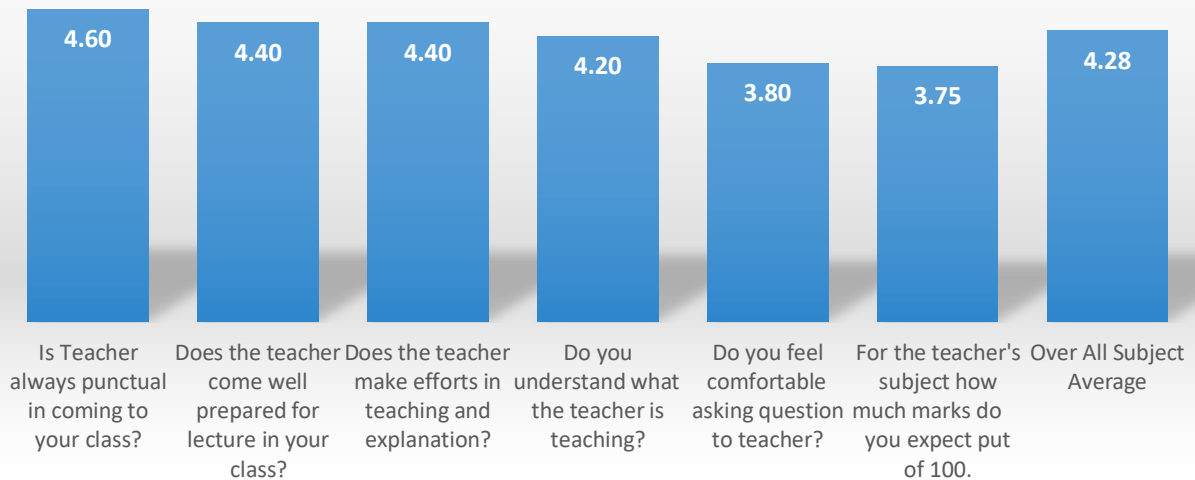
## Student Feedback on Design of Machine Element I



## Student Feedback on Principles of Management

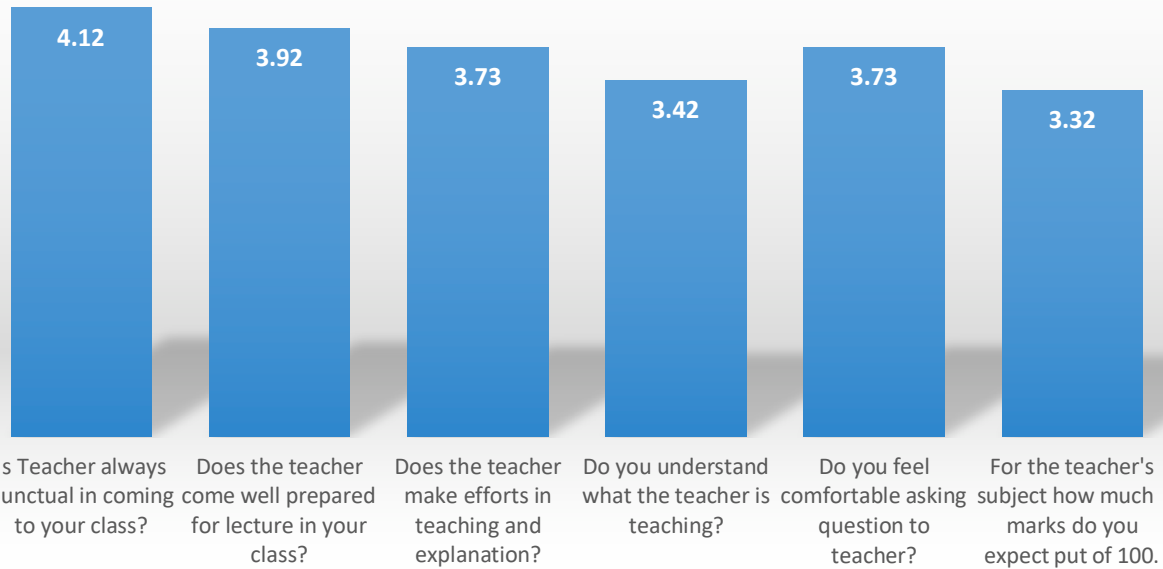


## Student Feedback on Automobile Engineering



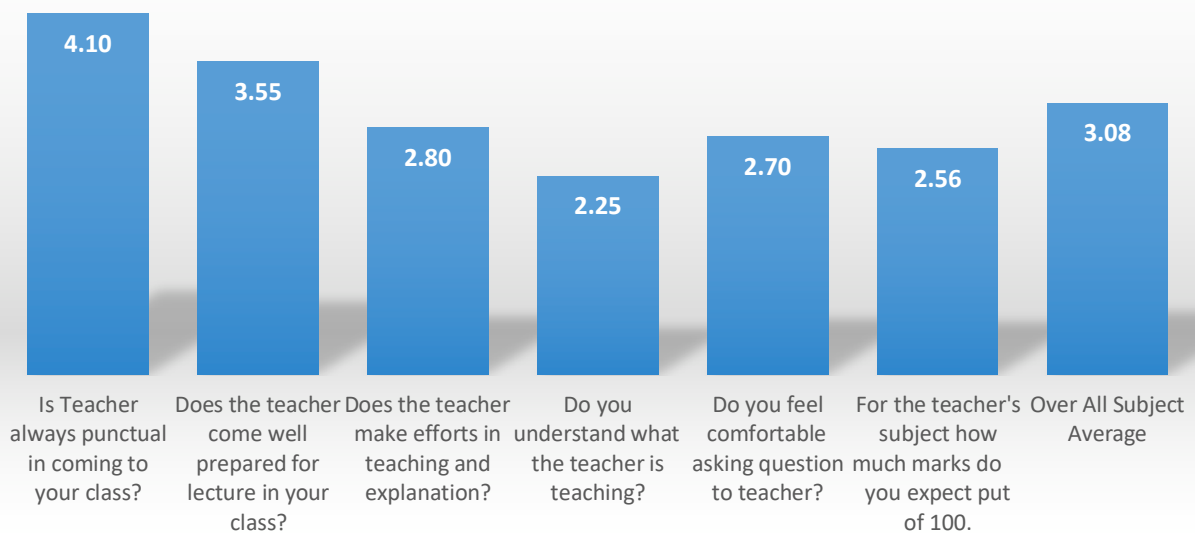
The overall chart is as follows –

## Student Feedback - 5th Semester

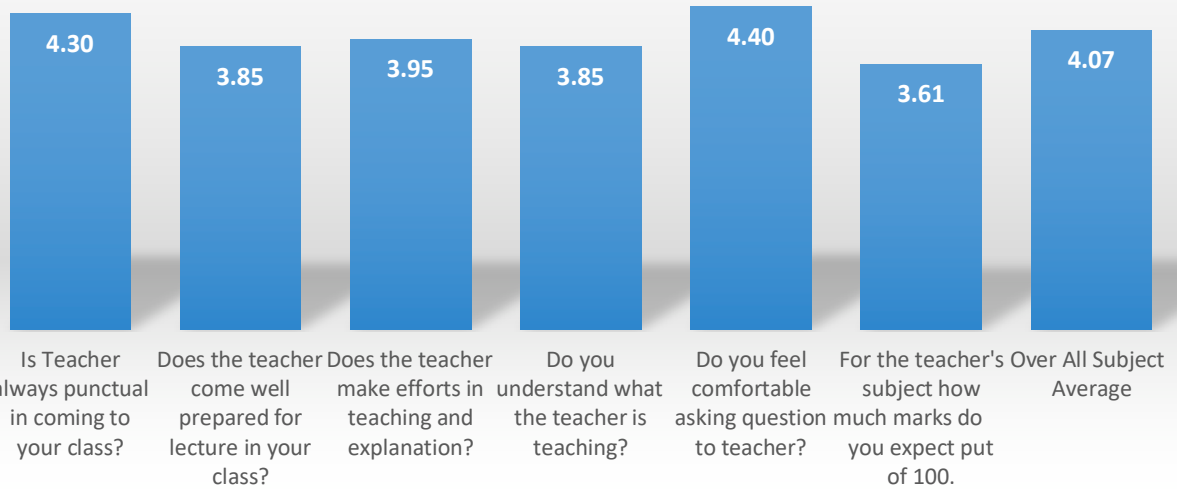


## BTech Seventh Sem ( 2017-21 Batch )

### Student Feedback on IC Engine

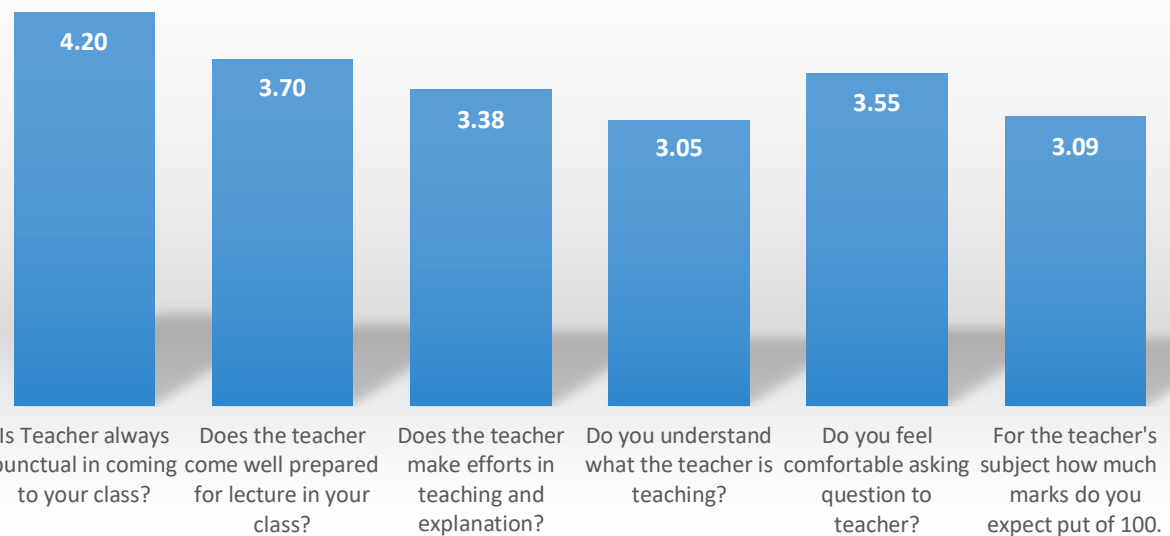


## Student Feedback on Human Engineering and Safety



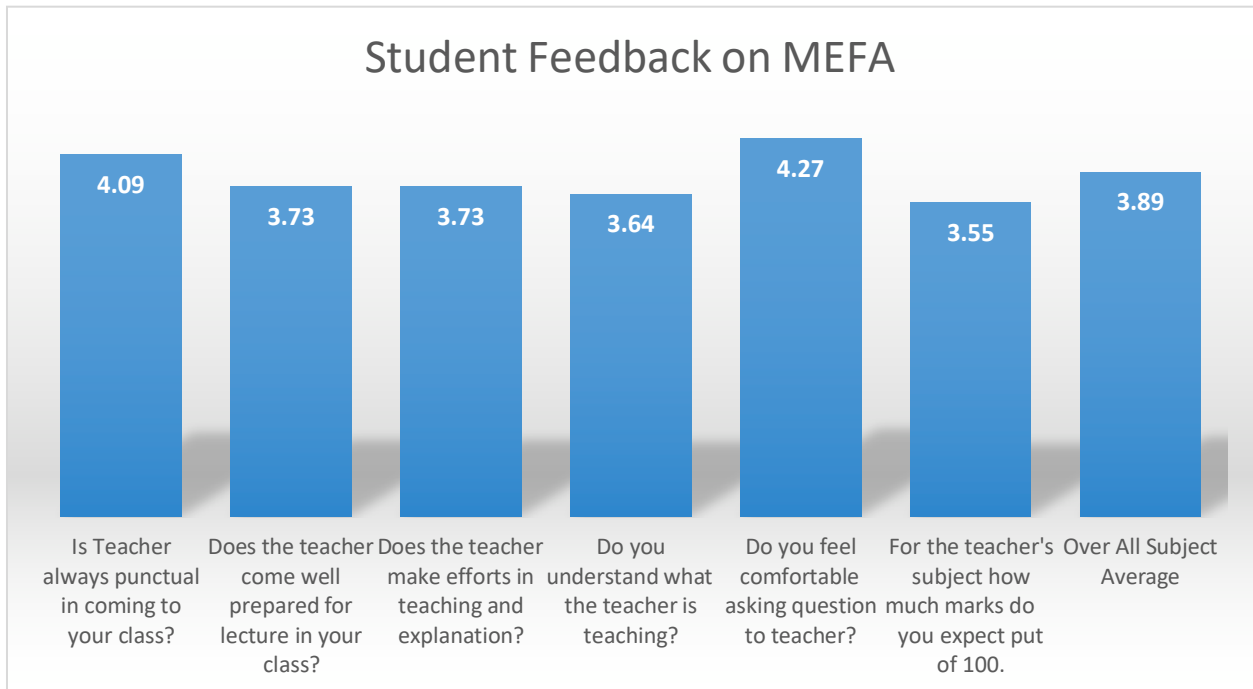
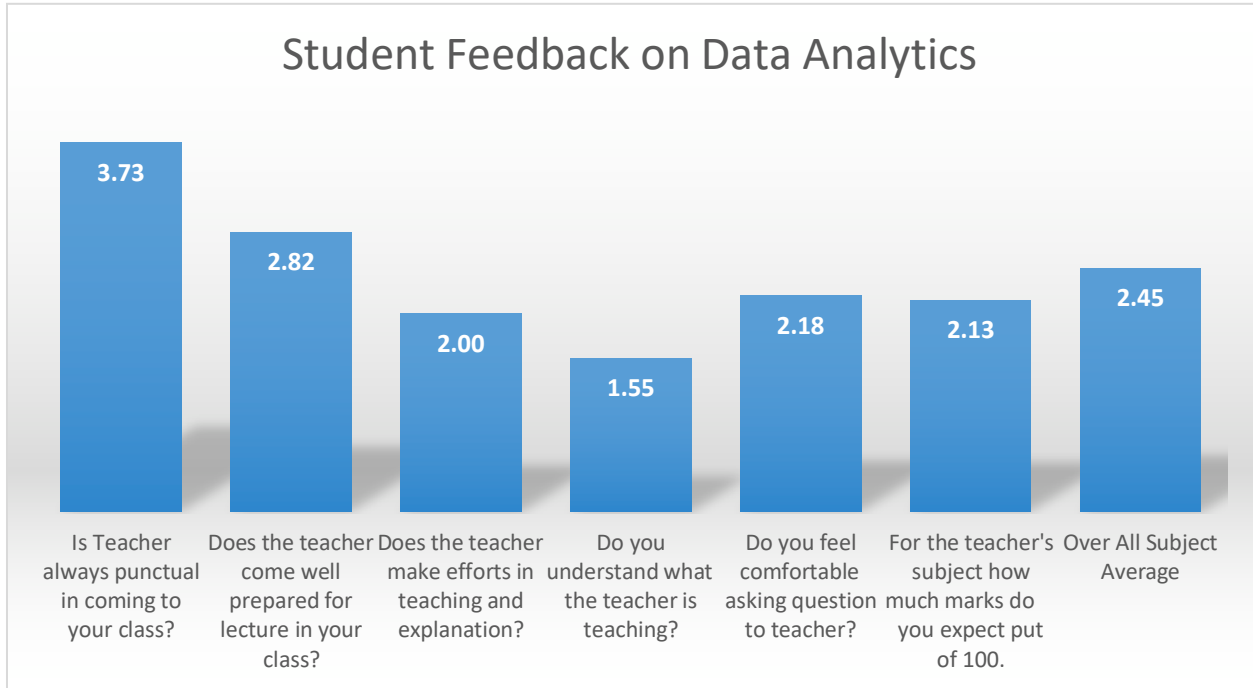
The overall chart is as follows –

## Student Feedback - 7th Semester

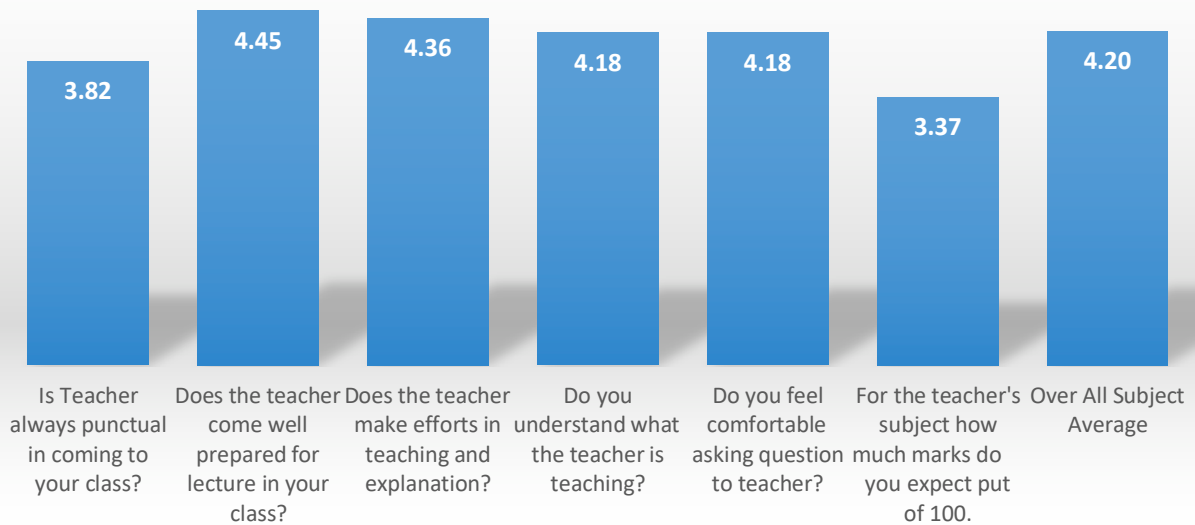


**Even semester**

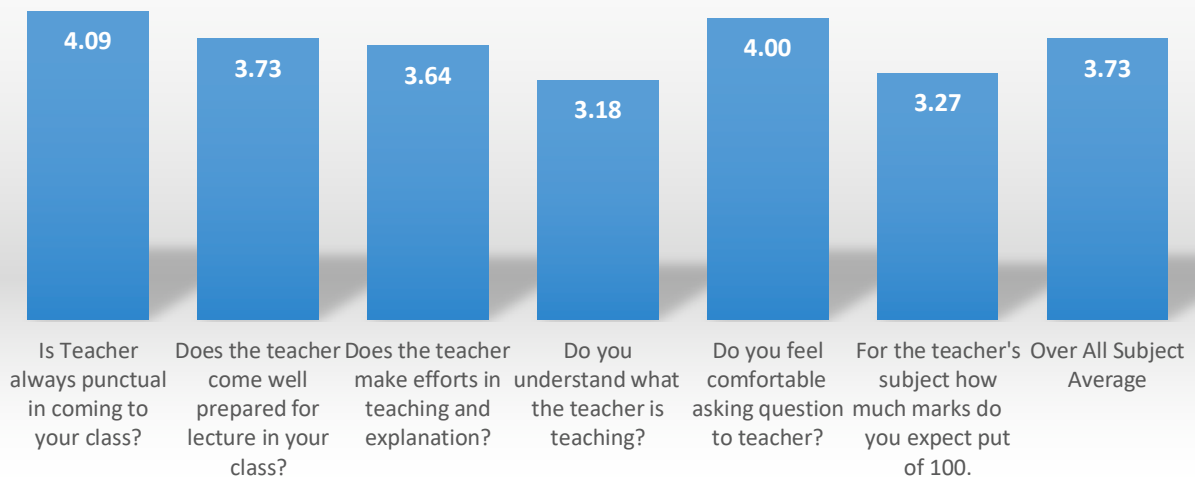
**BTech Fourth Sem ( 2019-23 Batch )**



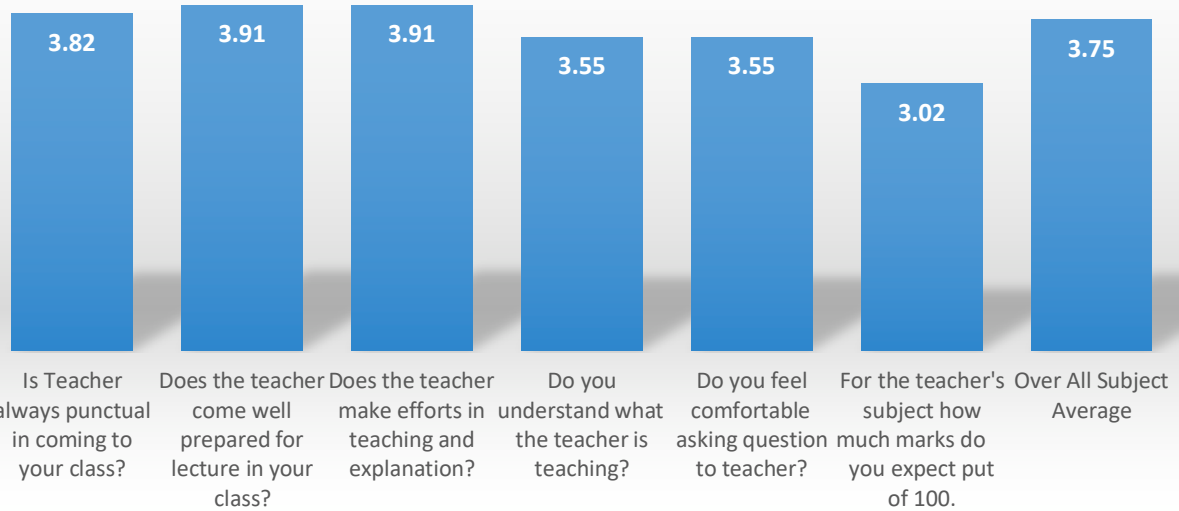
## Student Feedback on Digital Electronics



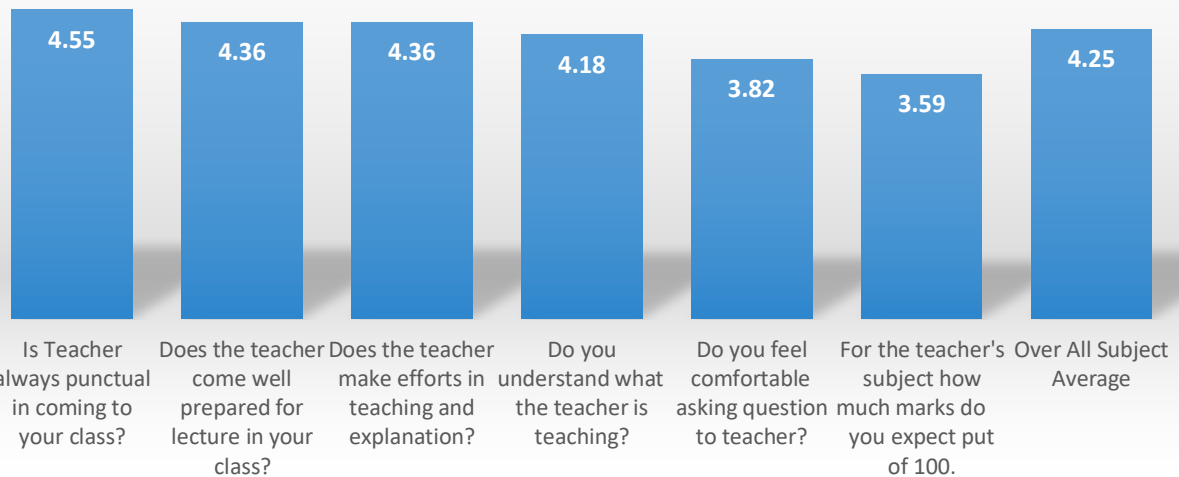
## Student Feedback on Fluid Mechanics and Machines



## Student Feedback on Manufacturing Processes

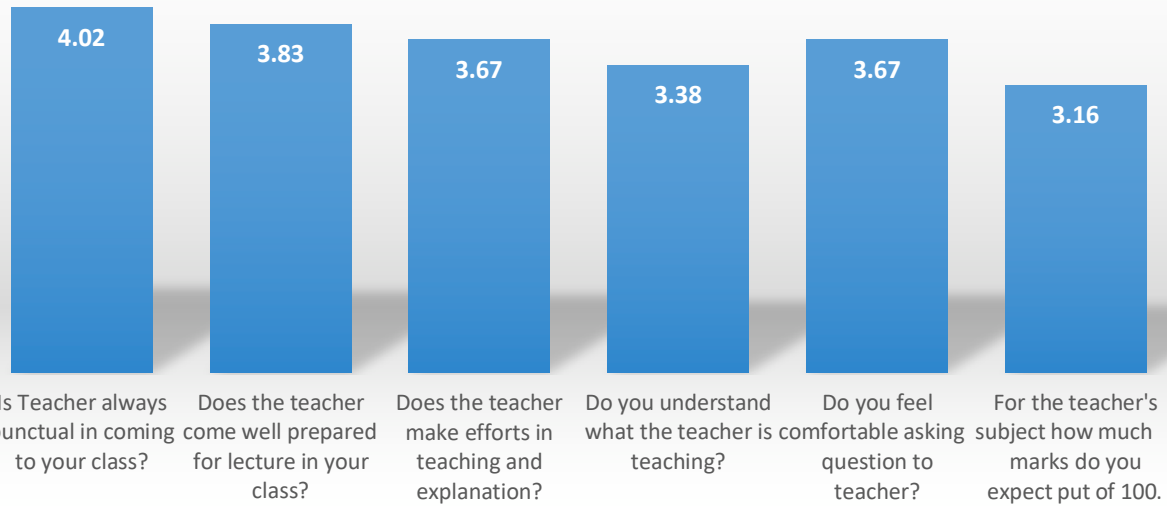


## Student Feedback on Theory of Machines



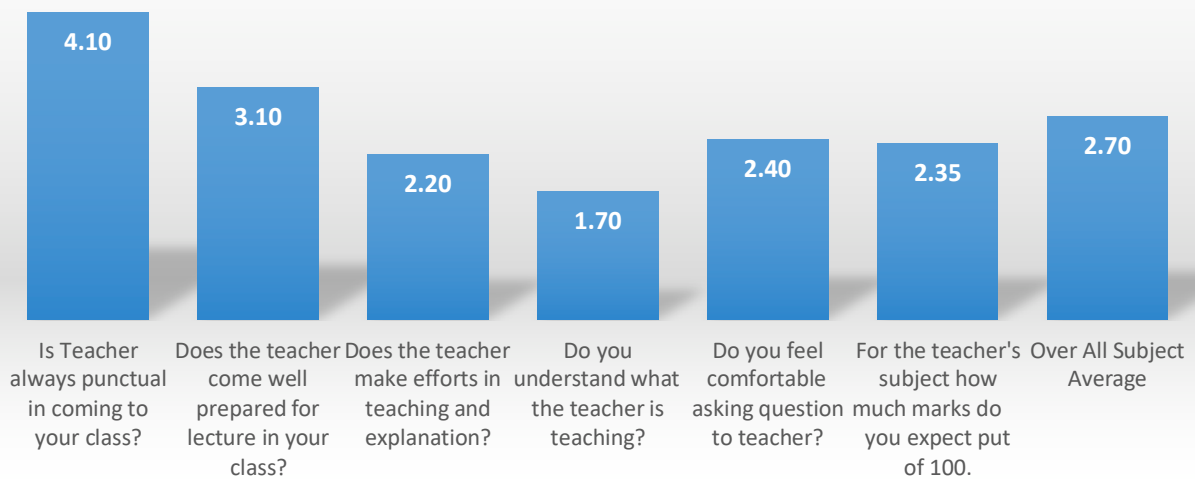
The overall chart is as follows –

## Student Feedback - 4th Semester

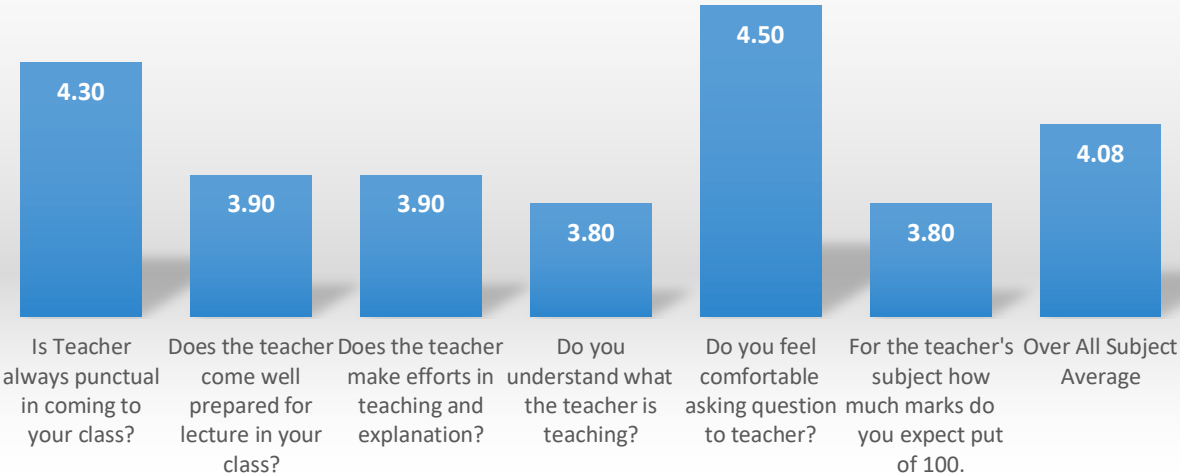


## BTech Sixth Sem ( 2018-22 Batch )

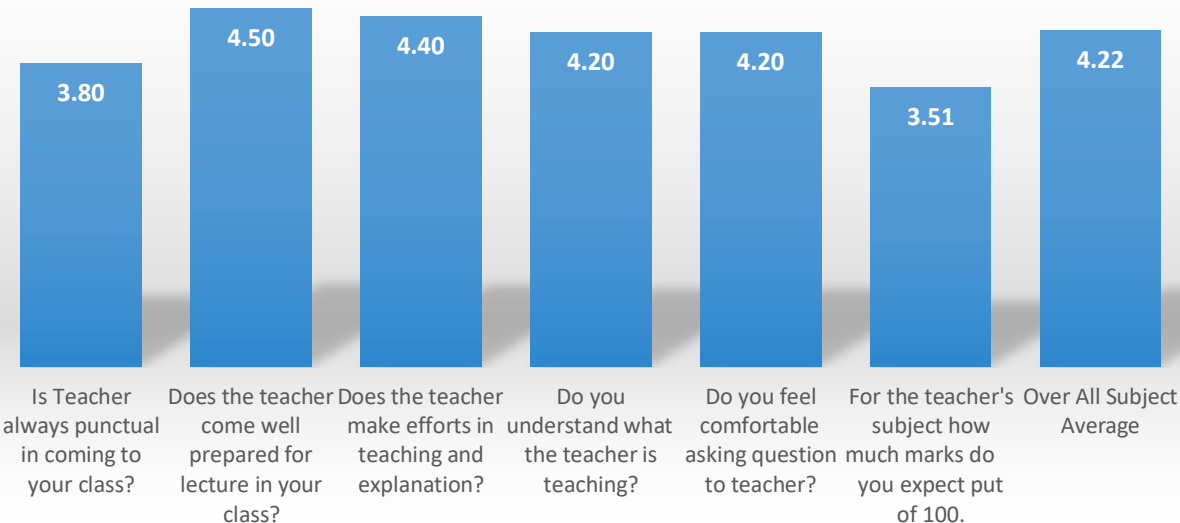
### Student Feedback on Measurement and Metrology



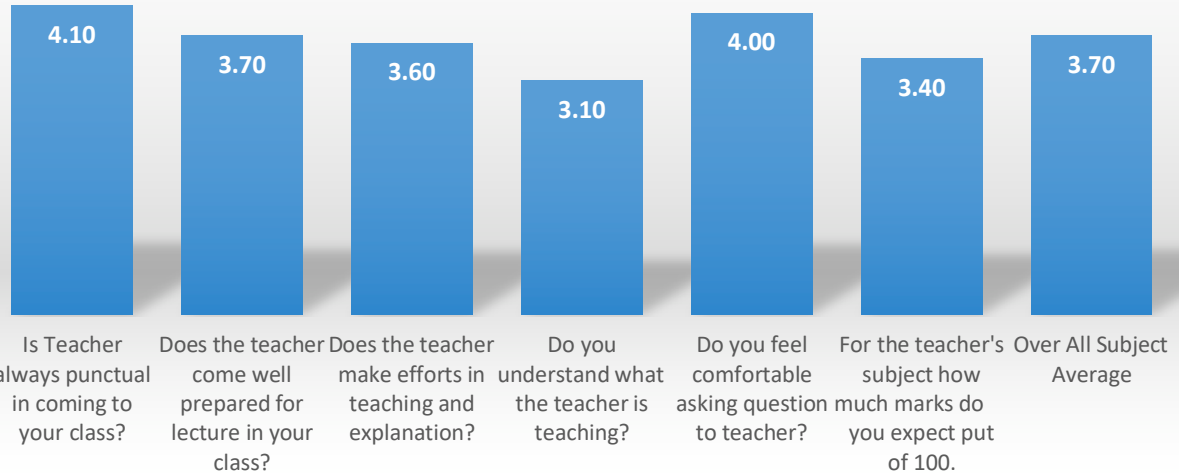
## Student Feedback on Computer Integrated Manufacturing System



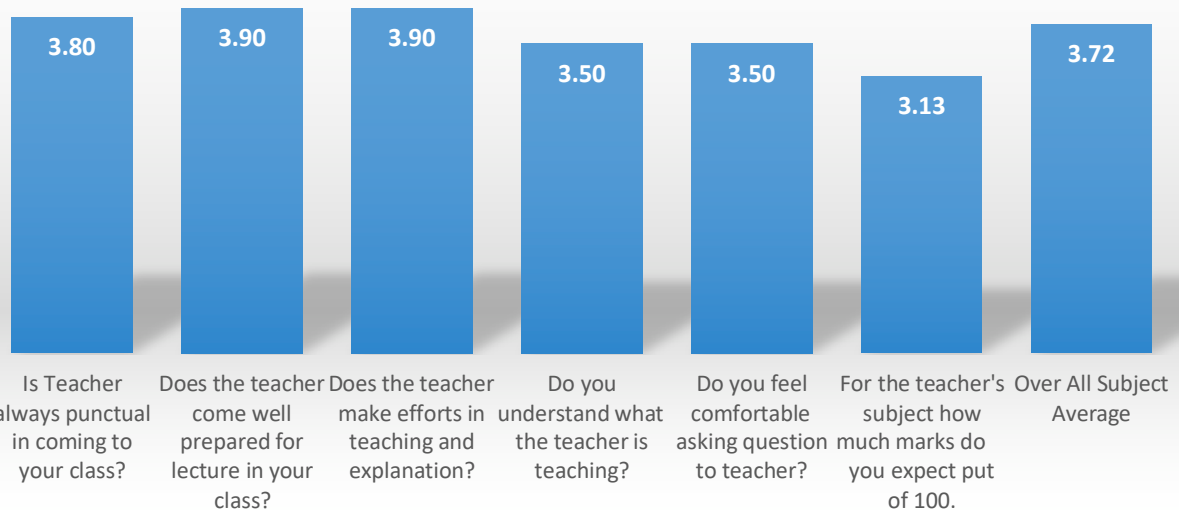
## Student Feedback on Vibration Engineering



## Student Feedback on Design of Machine Element II

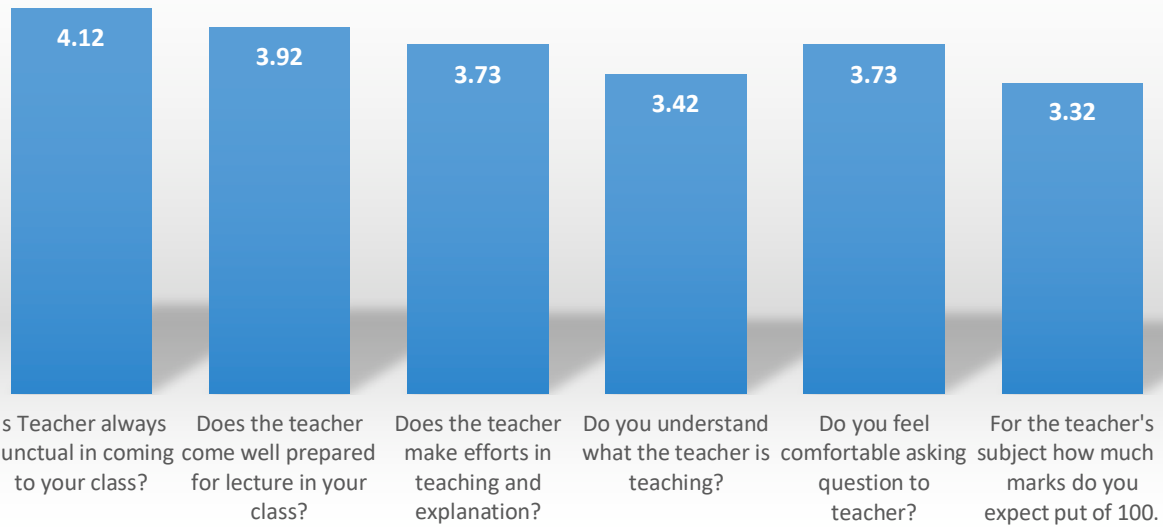


## Student Feedback on Quality Management



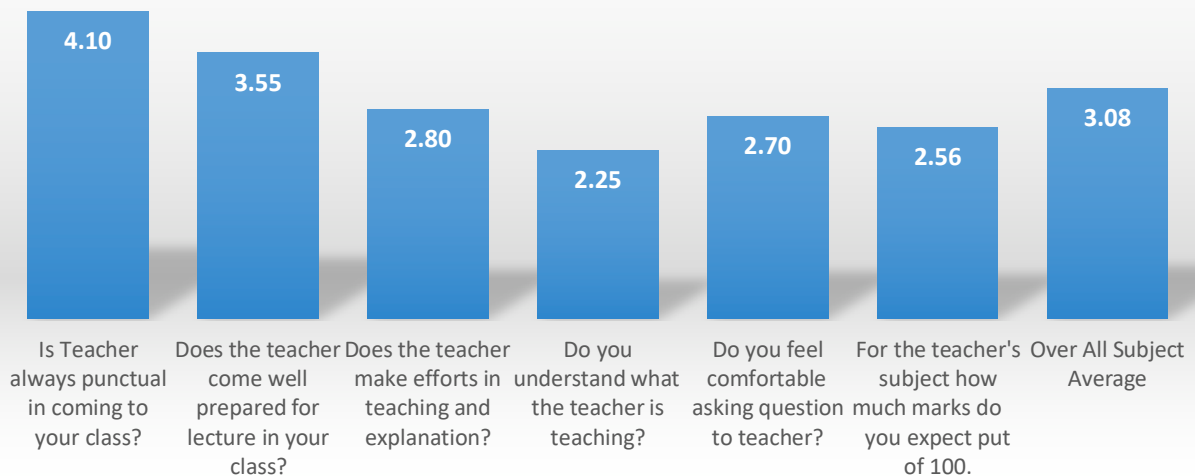
The overall chart is as follows –

## Student Feedback - 6th Semester

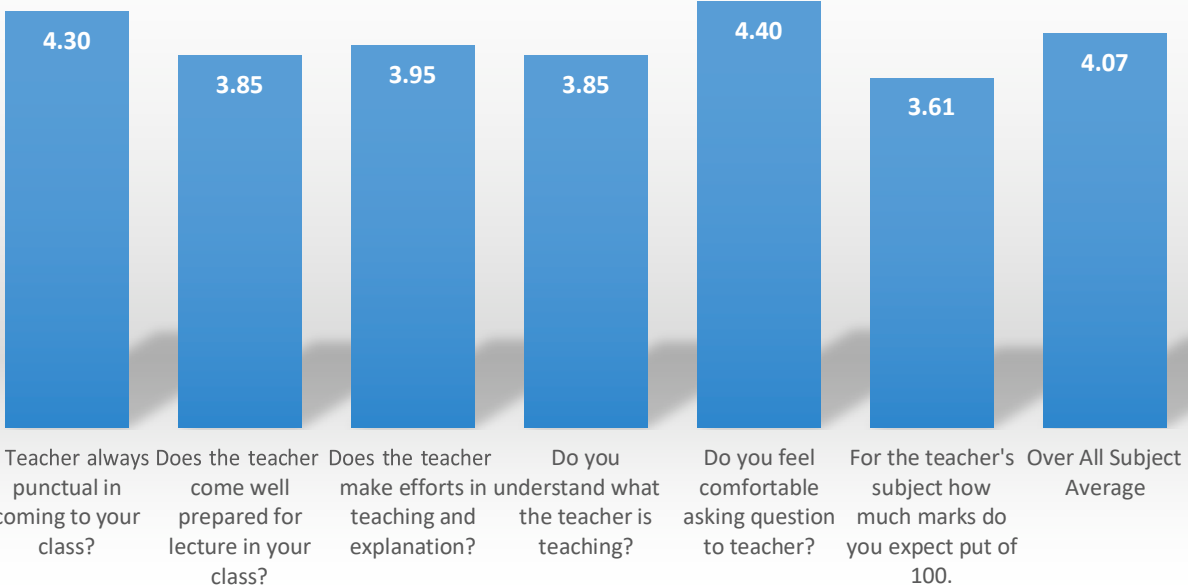


## BTech Eighth Sem ( 2017-21 Batch )

### Student Feedback on Supply and Operation Management

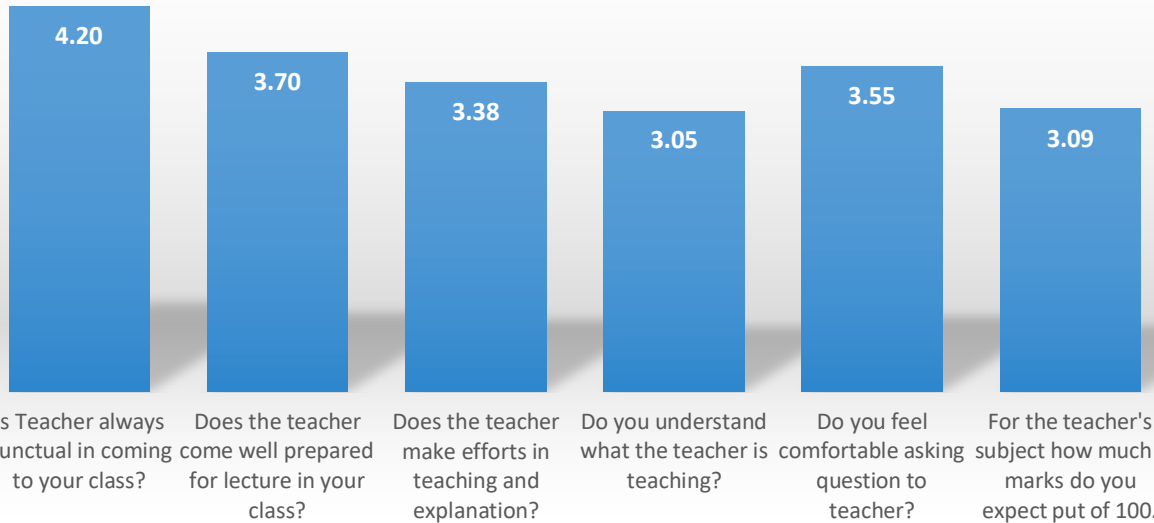


## Student Feedback on Disaster Management



The overall chart is as follows-

## Student Feedback - 8th Semester



## **ACTION TAKEN BASED ON FEEDBACK**

- The faculty of Advanced Engineering Mathematics I was replaced.
- As per request of the students, the faculty of Engineering Thermodynamics solved mathematical problems.
- The faculty of Mechatronics distributed additional application oriented notes to the students.
- The faculty of IC Engine was replaced after giving several chances for improvement.
- The faculty of Data Analytics took few theory classes in labs in order to integrate theory with practical.
- The faculty of Measurement and Metrology was requested to make students comfortable by asking questions and put extra efforts. Immediately action was taken and students were satisfied.



**Lokesh Malviya**  
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