

## **6.5 Internal Quality Assurance System**

### **6.5.1 Significant Contribution of Internal Quality Assurance Cell**

IQAC focuses on the academic performance of the students, teaching-learning process and monitors the continuous improvement. There is a centralized IQAC academic team comprising of faculty and students from all departments focusing on the initiatives for academic improvement. Out of the many initiatives, two are explained here:

#### **1. Introduction of smart boards for the effective teaching-learning process**

In order to enhance the quality of the teaching-learning process, SMART board facility was introduced in all the 40 lecture classrooms of the institution. Our faculty members are well trained to utilize the SMART board tools to teach the content to the students lively. The interactive board turns a typical classroom into a visualized learning environment. It enriches classrooms in several ways by providing hands-on collaboration and creating the perfect learning setting. Now students interact without any difficulty and clarify their doubts. This attempt resulted in the improvement of the students' performance in all aspects. The use of the SMART board helps the faculty members to become more productive. Students can recall the lecture which is taught in the classroom from their respective place itself. Utilizing this SMART board system, OBE activities are conducted in classrooms by faculty members to enhance the understanding level of the students

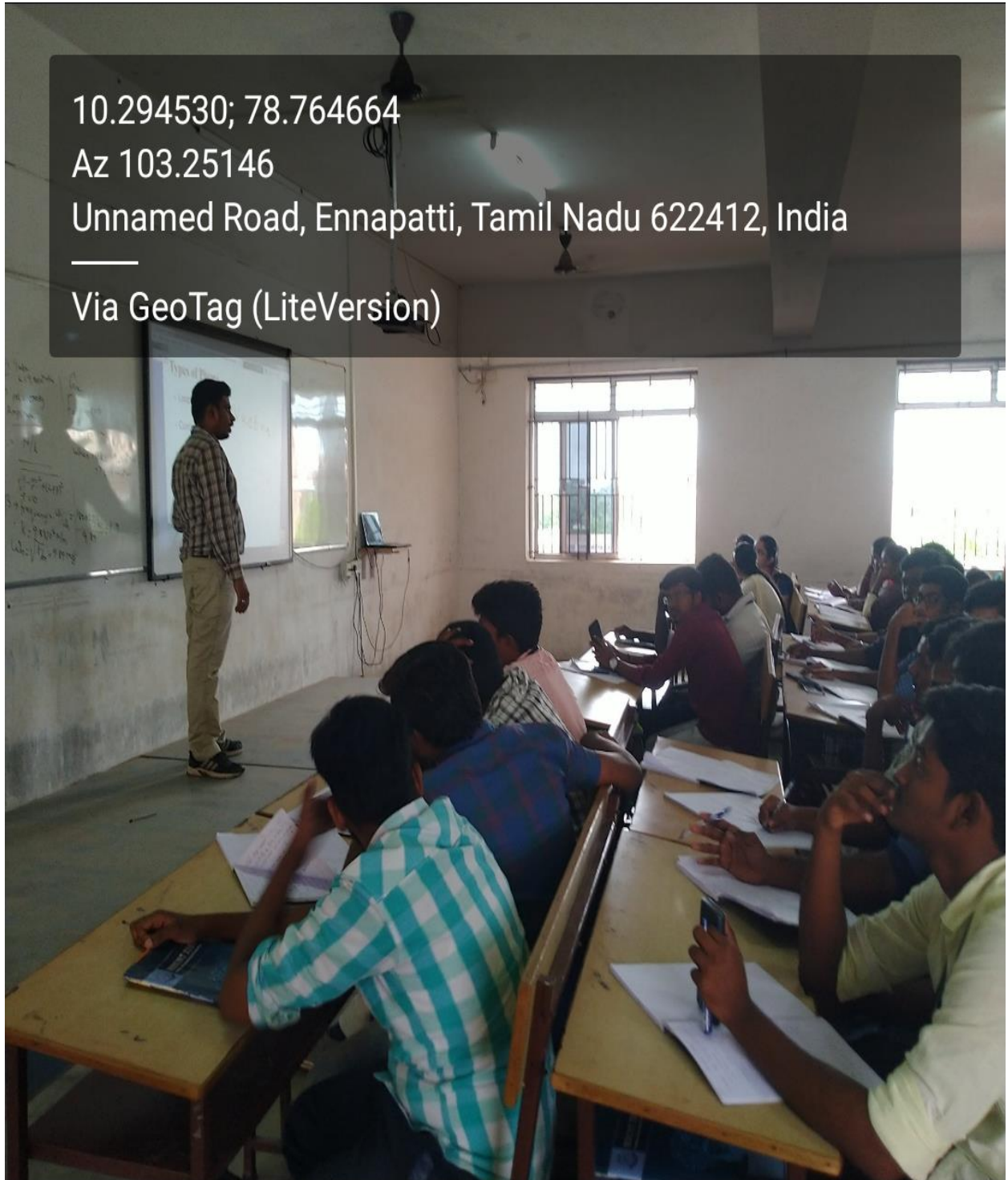
SMART Classrooms:

10.294530; 78.764664

Az 103.25146

Unnamed Road, Ennapatti, Tamil Nadu 622412, India

—  
Via GeoTag (LiteVersion)



10.294671; 78.764786

Az -138.64268

Unnamed Road, Ennapatti, Tamil Nadu 622412, India

—  
Via GeoTag (LiteVersion)



10.294801; 78.764565

Az -118.09722

Unnamed Road, Ennapatti, Tamil Nadu 622412, India

Via GeoTag (LiteVersion)



## **2. Establishment of a comprehensive e-governance system**

The eCampus is utilized in the following areas,

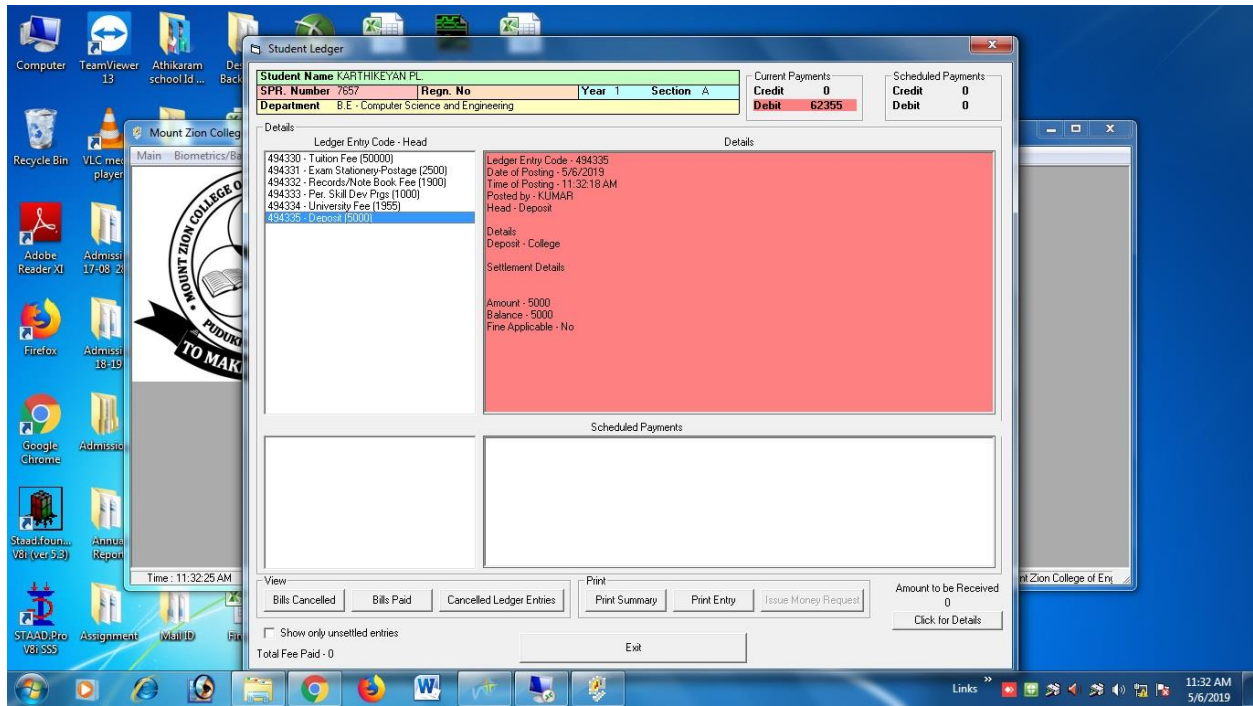
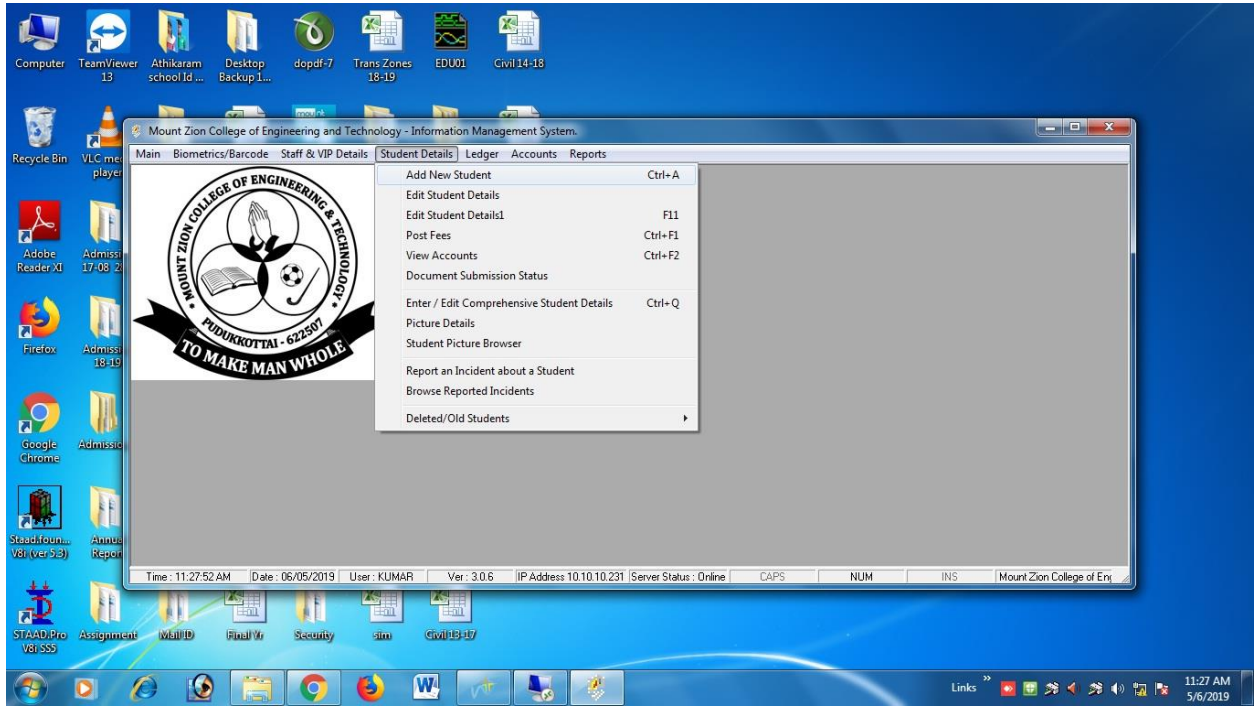
### **Administration:**

- Employee and student details
- Employee attendance
- Students out pass and latecomers monitoring
- Online feedback system
- Group mail SMS alert
- News and events
- OPAC for library

### **Academics:**

- Subject and staff allocation
- Teaching-learning process
- Scheduling the semester plan
- Scheduling laboratory experiments
- Time table setting
- Monitoring syllabus completion
- Daily students attendance
- Internal test mark entry
- Students details
- Online exams for students

# Administration:



e-Campus : Mount Zion College of Engineering and Technology

Main Settings Administration Student HR Management Academics Accounts Library Stock Hostel Transport Messages

Add Student Student Details Admission Details My Students My Students Performance Admission Alumni Details Certificate Request Report an Incident Student Leave Appro Entry Log Achievements Report

Search Student

Student ID: 7657 Register No: [ ] Alumni Only [ ]  
 Student Name: [ ] AlternateID: [ ] Active Only [ ]

| Student ID | RegisterNo | AlternateID | Name           | Course    | Batch | Sem-Sec |
|------------|------------|-------------|----------------|-----------|-------|---------|
| 7657       |            |             | KARTHIKEYAN PL | B.E - CSE |       | 1-A     |

News & Events Refresh

New Books Added Today in Library 0

Pending Tasks Refresh

Employee ID: 30 Login: KARTHIK e-Campus : NovoTech Private Limited Last Login: 5/5/2019 5:22:38 PM 4.1

e-Campus : Mount Zion College of Engineering and Technology

Main Settings Administration Student HR Management Academics Accounts Library Stock Hostel Transport Messages

Add Student Student Details Admission Details My Students My Students Performance Admission Alumni Details Certificate Request Report an Incident Student Leave Appro Entry Log Achievements Report

Educational Details

Qualifying Examination's Details | Qualifying Institution | Identification Details | Admission Details | Regn Nos

First Graduate  SC / ST Tuition Fee Waiver Scheme Community [ ]

Quota:  Government  Management  Government / Management

Reservation:  OC  BCM  BC  MBC  SC  ST  SCA

Allotment No. [ ] Consortium Rank [ ] Counselling Appln No. [ ]

Counselling Details

Counselling Date: 1/ 1/1900

Random Number [ ]

Session [ ]

Counselling Selected:  Not Attend  Selected Our College  Rejected Our College

Name: 10TH CERTIFICATE  
 12TH CERTIFICATE

Remarks (Max. 1000 Character) [ ]

Other Details

Application No: 5995 Application Date: 5/ 6/2019

Batch: 2019-23 AlternateID: [ ]

Admitted Semester: 1 Course: B.E - CSE

Quota: GOVERNMENT QUOTA Admission Type: GENERAL

Counselling Appln No. [ ] Counselling Rank [ ]

Save

Educational Details Updated Successfully!

News & Events Refresh

New Books Added Today in Library 0

Pending Tasks Refresh

Employee ID: 30 Login: KARTHIK e-Campus : NovoTech Private Limited Last Login: 5/5/2019 5:22:38 PM 4.1





## Academics:

The screenshot shows the 'e-Campus : Mount Zion College of Engineering and Technology' interface. The main navigation bar includes 'Main', 'Administration', 'Student', 'Academics', 'Library', and 'Messages'. A 'Question Bank Uploads' window is open, displaying the following data:

| PaperID | Paper                               |
|---------|-------------------------------------|
| 1200    | ANTENNA AND WAVE PROPAGATION        |
| 1206    | DIGITAL SIGNAL PROCESSING           |
| 1455    | DIGITAL PRICIPLES AND SYSTEM DESIGN |

Syllabus: EC6602\_SYLLABUS

Select an Unit

| Unit                         |
|------------------------------|
| 1 FUNDAMENTALS OF RADIATION  |
| 2 APERTURE AND SLOT ANTENNAS |
| 3 ANTENNA ARRAYS             |
| 4 SPECIAL ANTENNAS           |
| 5 PROPAGATION OF RADIO WAVES |

Select a Topic

| Topic |
|-------|
|-------|

Question Bank & Answer Key | University Questions | Internal Exams

| Unit                         | QuestionBank | AnswerKey |
|------------------------------|--------------|-----------|
| 1 FUNDAMENTALS OF RADIATION  | Add          | Add       |
| 2 APERTURE AND SLOT ANTENNAS | Add          | Add       |
| 3 ANTENNA ARRAYS             | Add          | Add       |
| 4 SPECIAL ANTENNAS           | Add          | Add       |
| 5 PROPAGATION OF RADIO WAVES | Add          | Add       |

Employee ID: 13 | Login: MZCET013 | e-Campus : NovoTech Private Limited | Last Login: 8/9/2019 2:14:14 PM | 4.2

Windows 10 taskbar shows the time as 4:31 PM on 8/13/2019.

e-Campus : Mount Zion College of Engineering and Technology

Main Administration Student Academics Library Messages

TLP Completion

Select a Paper - Class: 6878 - ANTENNA AND WAVE PROPAGATION - [ 6 - B.E - ECE - A ]

Generate Report

| Day      | Date       | Period | Type | Unit No. | Unit                      | Topic         | Knowledge          |
|----------|------------|--------|------|----------|---------------------------|---------------|--------------------|
| Thursday | 12/27/2018 | 5      | L    | 1        | FUNDAMENTALS OF RADIATION | FOLDED DIPOLE | APPLYING KNOWLEDGE |
| Monday   | 12/31/2018 | 8      | L    | 1        | FUNDAMENTALS OF RADIATION | FOLDED DIPOLE | APPLYING KNOWLEDGE |

Select a Period

- Period 5
- Period 8

Remove Selected Entries

Add Topics Handled on this Date

No Topic Handled (Exam, Meeting, Seminar, etc.)

Mail

e-Circular

Alumni Details Semester Plan Internal Exams

Employee ID: 13 | Login: MZCET013 | e-Campus : NovoTech Private Limited | Last Login: 8/9/2019 2:14:14 PM | 4.2

Type here to search

4:32 PM 8/13/2019

Attendance Entry - TAKSALA DEVAPRIYA A. (ID: 13) - Showing date: 8/7/2019 - Total Students: 48

| Student ID | Register Number | Student                    | Course    | Sem-Sec | 07/08 |
|------------|-----------------|----------------------------|-----------|---------|-------|
| 7072       | 911718104501    | SIVA S.                    | B.E - CSE | 3 - B   | P     |
| 7151       | 911718104067    | SATHIYA NARAYANAN S.       | B.E - CSE | 3 - B   | P     |
| 7161       | 911718104016    | DHEIVANAI C.               | B.E - CSE | 3 - B   | P     |
| 7163       | 911718104003    | ABISHA SHERLIN G.          | B.E - CSE | 3 - B   | P     |
| 7174       | 911718104055    | RAJA M.                    | B.E - CSE | 3 - B   | A     |
| 7182       | 911718104052    | PRIYANGA DEVI S.           | B.E - CSE | 3 - B   | P     |
| 7184       | 911718104072    | SIVABALAJI D.              | B.E - CSE | 3 - B   | P     |
| 7193       | 911718104066    | SATHISH KUMAR P.           | B.E - CSE | 3 - B   | P     |
| 7199       | 911718104020    | ELUNICE PATRINA J.         | B.E - CSE | 3 - B   | P     |
| 7215       | 911718104022    | JEROOPHIN Y.               | B.E - CSE | 3 - B   | P     |
| 7223       | 911718104037    | NAGARAJ S.                 | B.E - CSE | 3 - B   | P     |
| 7231       | 911718104040    | NIVETHA NAGESHWARI M       | B.E - CSE | 3 - B   | A     |
| 7234       | 911718104006    | AMEERDEEN S                | B.E - CSE | 3 - B   | A     |
| 7243       | 911718104057    | RAJESH B.                  | B.E - CSE | 3 - B   | P     |
| 7251       | 911718104025    | KAVIPRIYAN K.              | B.E - CSE | 3 - B   | A     |
| 7254       | 911718104062    | SAHIRA BEGAM A.            | B.E - CSE | 3 - B   | P     |
| 7259       | 911718104080    | SUNDARA MAHALINGAM S.      | B.E - CSE | 3 - B   | P     |
| 7261       | 911718104044    | PRABAKARAN K.              | B.E - CSE | 3 - B   | P     |
| 7263       | 911718104050    | PRAVIN KUMAR S.            | B.E - CSE | 3 - B   | P     |
| 7265       | 911718104082    | SWARNAMYTHILI R.           | B.E - CSE | 3 - B   | P     |
| 7272       | 911718104036    | MOHAMED HASIM K.           | B.E - CSE | 3 - B   | P     |
| 7306       | 911718104015    | DHEEPAN D.                 | B.E - CSE | 3 - B   | P     |
| 7309       | 911718104071    | SIVA V.                    | B.E - CSE | 3 - B   | P     |
| 7320       | 911718104034    | MANJUNATHAN C.             | B.E - CSE | 3 - B   | P     |
| 7327       | 911718104007    | ANBARASAN P.               | B.E - CSE | 3 - B   | P     |
| 7336       | 911718104079    | SUBALAKSHMI S.             | B.E - CSE | 3 - B   | P     |
| 7342       | 911718104031    | LAXMI PRIYA K.             | B.E - CSE | 3 - B   | P     |
| 7355       | 911718104065    | SATHISH A.                 | B.E - CSE | 3 - B   | P     |
| 7360       | 911718104027    | KENSHIKA V.                | B.E - CSE | 3 - B   | P     |
| 7372       | 911718104061    | SABARIVENKATESH S.         | B.E - CSE | 3 - B   | P     |
| 7385       | 911718104047    | PRAKAASHRAJ NA             | B.E - CSE | 3 - B   | P     |
| 7396       | 911718104081    | SUSAIMANICKAMJOHN PETER X. | B.E - CSE | 3 - B   | P     |
| 7399       | 911718104024    | KAVIN KRISHNA S            | B.E - CSE | 3 - B   | P     |
| 7407       | 911718104056    | RAJAPANDIA.                | B.E - CSE | 3 - B   | A     |
| 7419       | 911718104063    | SANTHOSH KUMAR             | B.E - CSE | 3 - B   | P     |

Pending (1) Paper

8/13/2019 DIGITAL SYSTEMS LABOR.

Wednesday, August 7, 2019

Papers Assigned

| Paper                      | Has Period |
|----------------------------|------------|
| DIGITAL SYSTEMS LABORA...  | No         |
| DIGITAL SYSTEMS LABORA...  | No         |
| DIGITAL PRICIPLES AND S... | No         |
| DIGITAL PRICIPLES AND S... | Yes        |
| DIGITAL PRICIPLES AND S... | No         |
| DIGITAL PRICIPLES AND S... | Yes        |
| DIGITAL SIGNAL PROCESSI... | No         |
| DIGITAL SIGNAL PROCESSI... | No         |

Show Periods of this Paper

Include Other Periods of Students

Show Previous Periods of this Paper

Show Complete History of Students

Search Student: 2

Preview Student Details On Mouse Over

Save Show Attendance Percent

Cancel Close

Present Absent OD IMC Unmarked NA

Activate Windows

Go to Settings to activate Windows.

Type here to search

4:34 PM 8/13/2019

Lab Schedule

Select a Paper: 7266 - DIGITAL SYSTEMS LABORATORY - [ 3 - B.E - CSE - A ]

Scheduled Date  
 Observation Mark  
 Record Completed Date  
 Mark this Date on Click  
 Completed Date  
 Record Mark  
 Edit All Date  
 13/08/2019  
  

| Student ID | Register No | Student      | Course             | Sem-Sec   | Exercise 1 |               |               |             |        | Exercise 2 |               |               |             |  |  |  |
|------------|-------------|--------------|--------------------|-----------|------------|---------------|---------------|-------------|--------|------------|---------------|---------------|-------------|--|--|--|
|            |             |              |                    |           | Scheduled  | Completed (O) | Completed (R) | Observation | Record | Scheduled  | Completed (O) | Completed (R) | Observation |  |  |  |
| 1          | 7252        | 911718104008 | ANBUKUMAR M.       | B.E - CSE | 3 - A      | 02-07-2019    |               |             |        |            |               | 02-07-2019    |             |  |  |  |
| 2          | 7157        | 911718104013 | CHELIN LISA F.     | B.E - CSE | 3 - A      | 02-07-2019    |               |             |        |            |               | 02-07-2019    |             |  |  |  |
| 3          | 7224        | 911718104017 | DIVYA A.           | B.E - CSE | 3 - A      | 02-07-2019    |               |             |        |            |               | 02-07-2019    |             |  |  |  |
| 4          | 7194        | 911718104030 | LAVANYA M.         | B.E - CSE | 3 - A      | 02-07-2019    |               |             |        |            |               | 02-07-2019    |             |  |  |  |
| 5          | 7280        | 911718104041 | PARTHASARATHI S.   | B.E - CSE | 3 - A      | 02-07-2019    |               |             |        |            |               | 02-07-2019    |             |  |  |  |
| 6          | 7195        | 911718104042 | PAVITHRA B.        | B.E - CSE | 3 - A      | 02-07-2019    |               |             |        |            |               | 02-07-2019    |             |  |  |  |
| 7          | 7185        | 911718104054 | PUJEETKUMAR D.     | B.E - CSE | 3 - A      | 02-07-2019    |               |             |        |            |               | 02-07-2019    |             |  |  |  |
| 8          | 7257        | 911718104058 | RAJESH S.          | B.E - CSE | 3 - A      | 02-07-2019    |               |             |        |            |               | 02-07-2019    |             |  |  |  |
| 9          | 7208        | 911718104059 | RAMYA R.           | B.E - CSE | 3 - A      | 02-07-2019    |               |             |        |            |               | 02-07-2019    |             |  |  |  |
| 10         | 7287        | 911718104060 | RIYAZKHAN R.       | B.E - CSE | 3 - A      | 02-07-2019    |               |             |        |            |               | 02-07-2019    |             |  |  |  |
| 11         | 7169        | 911718104068 | SATHYAPURUSHOTH P. | B.E - CSE | 3 - A      | 02-07-2019    |               |             |        |            |               | 02-07-2019    |             |  |  |  |
| 12         | 7229        | 911718104069 | SENTHAMIZHAN M     | B.E - CSE | 3 - A      | 02-07-2019    |               |             |        |            |               | 02-07-2019    |             |  |  |  |
| 13         | 7187        | 911718104073 | SIVAKAMI C.        | B.E - CSE | 3 - A      | 02-07-2019    |               |             |        |            |               | 02-07-2019    |             |  |  |  |
| 14         | 7237        | 911718104076 | SOUNDARYA P        | B.E - CSE | 3 - A      | 02-07-2019    |               |             |        |            |               | 02-07-2019    |             |  |  |  |
| 15         | 7219        | 911718104083 | SYED ABUDAHIR H.   | B.E - CSE | 3 - A      | 02-07-2019    |               |             |        |            |               | 02-07-2019    |             |  |  |  |
| 16         | 7148        | 911718104084 | TAMILARASAN R.     | B.E - CSE | 3 - A      | 02-07-2019    |               |             |        |            |               | 02-07-2019    |             |  |  |  |
| 17         | 7164        | 911718104085 | VAISHNAVI K        | B.E - CSE | 3 - A      | 02-07-2019    |               |             |        |            |               | 02-07-2019    |             |  |  |  |
| 18         | 7225        | 911718104086 | VALLIAMMAI T.      | B.E - CSE | 3 - A      | 02-07-2019    |               |             |        |            |               | 02-07-2019    |             |  |  |  |
| 19         | 7767        |              | RAHULKUMAR SINGH   | B.E - CSE | 3 - A      |               |               |             |        |            |               |               |             |  |  |  |

Activate Windows  
Go to Settings to activate Windows.

Type here to search

4:35 PM 8/13/2019

As an extension of e-governance activity, mobile governance is also introduced in the institution level to cater to the needs of the parents.



Time Table

<

31-JUL-2019

>

Period I

SOFT COMPUTING

Period II

THEORY OF COMPUTATION

Period III

ALGEBRA AND NUMBER THEORY

Period IV

LIBRARY HOUR - INTERNET HOUR

Period V

OBJECT ORIENTED ANALYSIS AND DESIGN

Period VI

COMPUTER NETWORKS

Period VII

THEORY OF COMPUTATION

Period VIII

OBJECT ORIENTED ANALYSIS AND DESIGN

SALAI NIBUNAMANI J.

BACK

Attendance



31-JUL-2019



Period I

SOFT COMPUTING

Period II

THEORY OF COMPUTATION

Period III

ALGEBRA AND NUMBER THEORY

Period IV

LIBRARY HOUR - INTERNET HOUR

Period V

OBJECT ORIENTED ANALYSIS AND DESIGN

Period VI

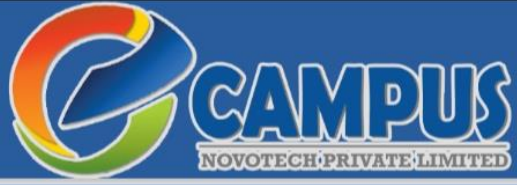
COMPUTER NETWORKS

Period VII

THEORY OF COMPUTATION

Period VIII

OBJECT ORIENTED ANALYSIS AND DESIGN



## Menu



Message

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Fee

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Timetable

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Attendance

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