

## 6.2.3 - Implementation of e-governance in areas of operation

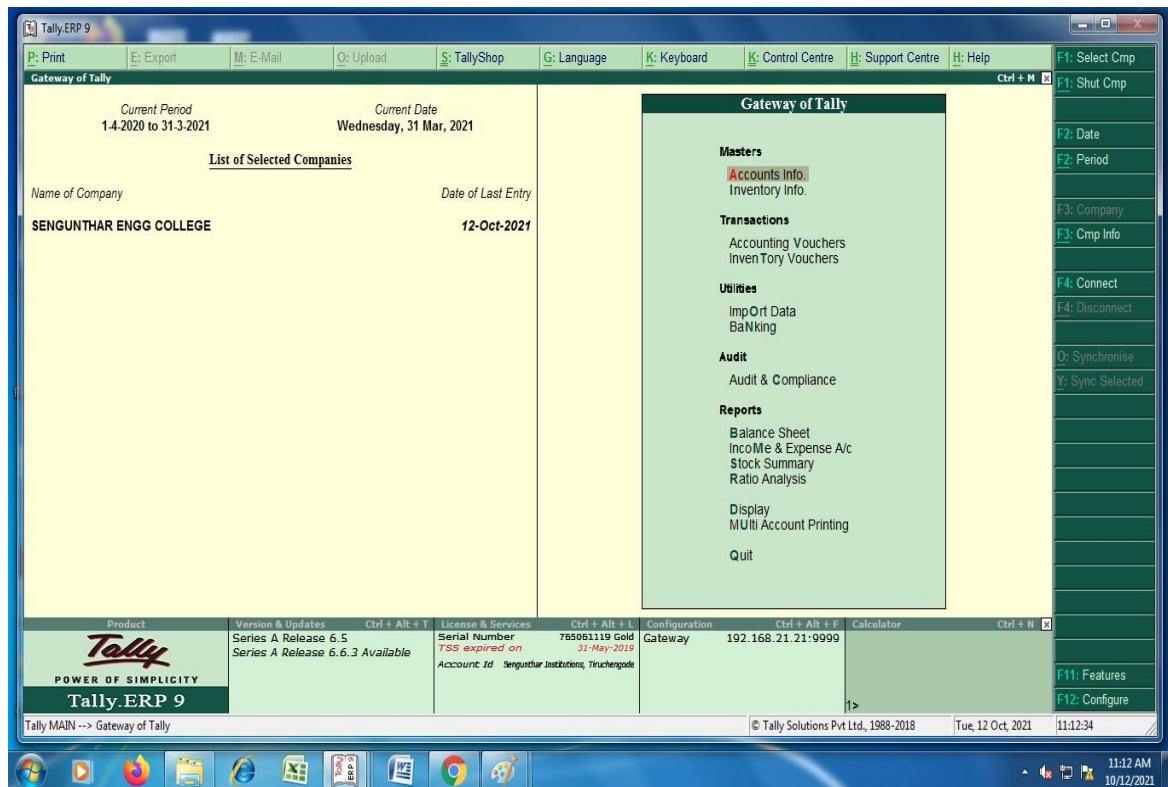
### 2. Finance and Account:

- The accounts of the institution are maintained through the Tally software and ERP
- Introduced online payment for transaction purposes.


#### Student Fees payment Using Tally Software:

Date	Particulars	Vch Type	Vch No.	Debit	Credit
3-8-2020	CASH IN HAND	Admission Receipt	87		6,000.00
12-1-2021	CASH IN HAND	Admission Payment	8	6,000.00	
12-1-2021	APPLICATION SALES	Journal	4217	76,000.00	
12-1-2021	DOTE COLLECTION A/C FG 2020-21 COURSE FEE	Journal	4218		50,000.00
12-1-2021	FEE DEDUCTION	Journal	4219		20,000.00
12-1-2021	CASH IN HAND	Student Receipt	1740		6,000.00
26-2-2021	Book, Note & Study Materials and Maintenance	Journal	4684	7,500.00	
1-3-2021	CASH IN HAND	Student Receipt	2079		7,500.00
2-3-2021	EXAM FEE (Autonomous)	Journal	4825	3,700.00	
22-3-2021	CASH IN HAND	Student Receipt	2277		2,700.00
				Opening Balance :	92,200.00
				Current Total :	93,200.00
				Closing Balance :	1,000.00

Date	Particulars	Vch Type	Vch No.	Debit	Credit
3-6-2020	Book, Note & Study Materials and Maintenance	Journal	659	7,500.00	
3-6-2020	EXAM FEE (Autonomous)	Journal	724	2,450.00	
9-9-2020	CASH IN HAND	Student Receipt	357		10,000.00
21-9-2020	CASH IN HAND	Student Receipt	508		8,950.00
5-10-2020	TUITION FEES	Journal	2670	70,000.00	
5-10-2020	DOTE COLLECTION A/C FG 2019-20	Journal	2684		25,000.00
5-10-2020	FEE DEDUCTION	Journal	2695		15,000.00
30-11-2020	Book, Note & Study Materials and Maintenance	Journal	3643	7,500.00	
30-11-2020	EXAM FEE (Autonomous)	Journal	3657	3,700.00	
14-12-2020	CASH IN HAND	Student Receipt	1190		11,500.00
8-1-2021	CASH IN HAND	Student Receipt	1700		5,000.00
1-3-2021	CASH IN HAND	Student Receipt	2088		9,700.00
26-3-2021	CASH IN HAND	Student Receipt	2429		10,000.00
29-3-2021	Book, Note & Study Materials and Maintenance	Journal	5987	7,500.00	
				Opening Balance :	9,000.00
				Current Total :	98,650.00
				Closing Balance :	12,500.00




## Student Fees Online Payment Portal:




### SENGUNTHAR INSTITUTIONS

### STATE BANK OF INDIA (SBI)

### ONLINE FEE PAYMENT





Sengunthar Institutions have been partnering with State Bank of India (SBI) and have introduced Online Fee Payment for all its Institutions and Hostels.

**Advantage of Online Payment:**

- Time Savings
 

There is no hustle in standing in a long queue outside the Institute's cash counter and spending both time and energy for the payment and receipt collection.
- Reduced risk of Money Loss
 

No need to worry in carrying the money all the way from your home and make sure at every stage that it is safe with you.
- Low Transaction Cost
 

Online Fee Payment transaction cost is much lesser when compared to the traditional way of payment like DD / Cheque.
- High Speed and Increased Convenience
 

Anybody can pay from anywhere at any time. The transactions are fool proof, registered and retrieved even for over a period of 1 year.



# SENGUNTHAR INSTITUTIONS STATE BANK OF INDIA (SBI) ONLINE FEE PAYMENT



### Process Steps:

1. Use the URL, <https://www.onlinesbi.com/sbicollect/icollecthome.htm?corpID=1489356>  
Or  
<http://www.onlinesbi.com>  
Select 'SBI Collect'  
Select 'Tamil Nadu'  
Select 'Educational Institutions' and press 'GO'  
Select 'Sengunthar Institutions, Tiruchengode' and press 'Submit'



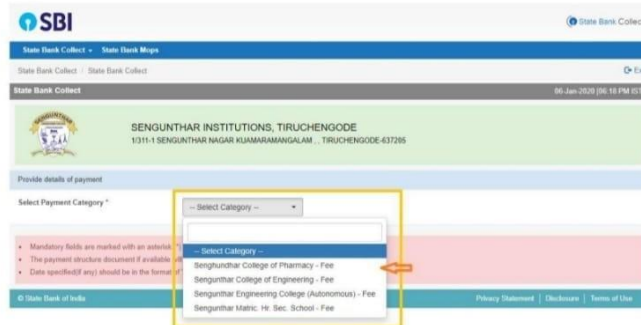
Click the 'I have read and accepted ...' check box and press the 'Proceed' Button.



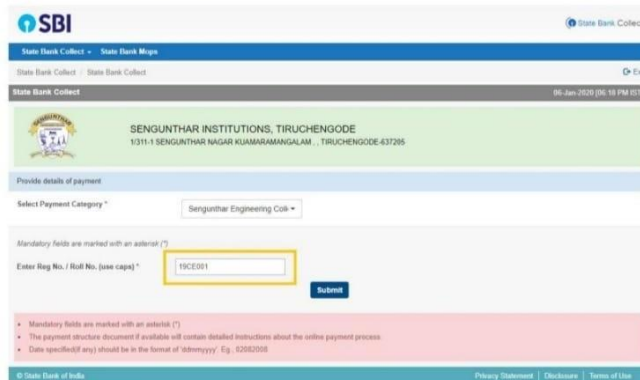
# SENGUNTHAR INSTITUTIONS STATE BANK OF INDIA (SBI) ONLINE FEE PAYMENT



2. Choose the College / Institute for which you need to pay.

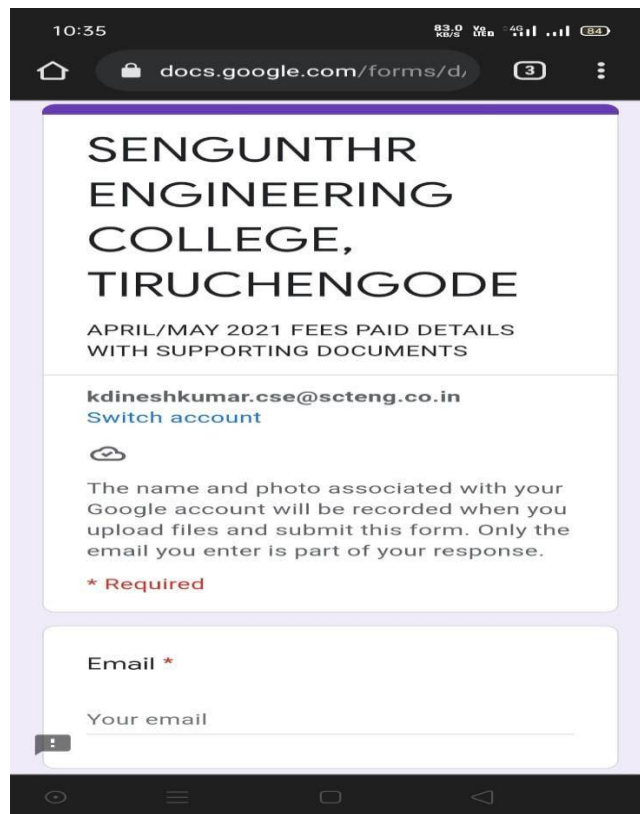
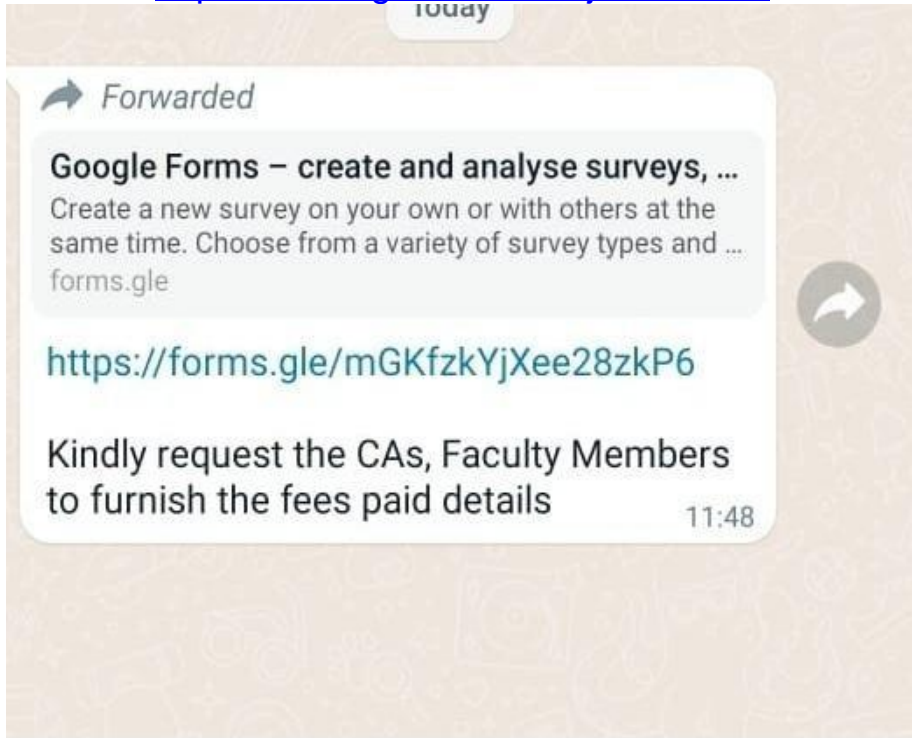


3. After choosing the institute, Enter the Roll No. / Register No. and press the 'Submit' Button to get the current fee for the selected unique number.



**Student Fees Online Payment Portal:**

<https://forms.gle/mGKfzkYjXee28kP6>



10:36 0.00 KB/S 5G 4G

ROLL NUMBER \*

Your answer

REGISTER NUMBER \*

Your answer

AMOUNT PAID \*

Your answer

PAYMENT DATE \*

Date

NAME OF THE BANK AND BRANCH \*

10:36 5.00 KB/S 5G 4G

docs.google.com/forms/d/

NAME OF THE BANK AND BRANCH \*

Your answer

ATTACH SUPPORTING DOCUMENTS  
(KINDLY UPLOAD WHETHER  
COUNTERFOIL, GPAY, ANY OTHER  
MODE) \*

[Add file](#)

FACULTY MEMBER REFERENCE \*

Your answer

[Submit](#) [Clear form](#)

Never submit passwords through Google Forms.

This form was created inside of Sengunthar Engineering College. [Report Abuse](#)

Google Forms

## 6.2.3 - Implementation of e-governance in areas of operation

### 4. Examination:

- Examination Process are handled through ERP software
- Filling of examination forms, obtaining admit cards, uploading of marks etc. everything is done in online manner. CoE cell of College Examination oversees the complete process of examination under the guidance of the examination controller of the institution

### COE-Portal:

The screenshot shows the homepage of the Sengunthar Engineering College COE Portal. At the top left is the college logo and name: **SENGUNTHAR ENGINEERING COLLEGE**, AN AUTONOMOUS INSTITUTION. Below it, text states: "Approved by AICTE, New Delhi & Affiliated with Anna University, Chennai. Recognition of College under Section 2(f) and 12(B) of UGC Act 1956". On the top right, it displays "TNEA Counselling Code 2617" and "NAAC Accredited with A Grade". A navigation menu includes: ABOUT, DEPARTMENT, ADMISSION, COE, IQAC, PLACEMENT, FACILITIES, PHOTO GALLERY, CONTACT. A sidebar on the left has "Introduction" and "Academic Schedule". The main content area is titled "Controller of Examinations" and has a "Profile" section with a bullet point: "Controller of Examinations (CoE) was established from the Academic Year 2019-2020".

The footer section is divided into four columns: "About" (with links to About us and Contact us), "Departments" (with links to Civil, CSE, ECE, and EEE), "Links" (with links to IQAC, NAAC, NIRF, and NISP), and "Contact us" (with address: Sengunthar Engineering College, Kosavampalayam, Kumaramangalam (po), Tiruchengode - 637 205, Namakkal, Tamil Nadu).

The screenshot shows the login page of the eCOE(v5.0) system. The browser address bar shows "scteng.ecoe.in/index.php/login". The page header says "eCOE(v5.0) Powered by eNova Solutions". The login form includes: the Sengunthar Engineering College logo (Estb. 2001), the text "Sengunthar Engineering College(Autonomous)", fields for "Username:" and "Password:", a captcha field with the text "Type captcha here" and a captcha image showing "XS B V X", and a "Login" button.

## Internal Assessment Test and Mark Entry Portal:

Ref. SEC/ INTERNAL EXAM-II /EVEN/2020-2021/02

Date: 02.03.2021

### INTERNAL EXAM CELL

### CIRCULAR

#### For the Attention of Final Year B.E. Subject Handling Faculty Members & Students :

It is hereby informed that the Internal Assessment Test - II (03.00 p.m. to 04.30 p.m.) for IV Year B.E. course will be conducted on 05.03.2021 & 06.03.2021 through online. The detailed time table will be circulated by the department in due course. In this connection the following points are brought out to the attention of students.

1. The Internal marks will be awarded strictly based on the performance of Internal Assessment Test.
2. Portion : 1.5 Units.
3. All the faculty members are requested to send **Google form** link of **Part A & B** questions to the respective **Google Classroom**, further send the same link to [intap@scteng.co.in](mailto:intap@scteng.co.in).
4. Question Pattern:  
Part A: 20 x 1 = 20 Marks (MCQ Pattern using Level 2&3)  
Part B: 15 x 2 = 30 Marks (MCQ Pattern using Level 4&5)  
Total = 50 Marks
5. Students are instructed to prepare well for Internal Exams, since these internal marks will be accounted for continuous internal assessment and the same will be submitted to Controller of Examination/SEC.
6. The **Second Review** will be conducted at physical mode. It is common for all the Final Year Students. The following schedule to be followed:

IV CIVIL	: 08.03.2021
IV ECE	: 09.03.2021
IV EEE	: 10.03.2021
IV CSE	: 11.02.2021
IV MECH	: 12.03.2021

7. If any student is involved in malpractice, he/she will be punished severely.

  
IEC COORDINATOR

  
DEAN (Academics)

  
PRINCIPAL

- To:
1. All Test Coordinators through HoDs concerned
  2. IEC Coordinator
  3. Controller of Examination
  4. File
  5. IQAC

Copy submitted to the Correspondent, SEC.



# SENGUNTHAR ENGINEERING COLLEGE

(AUTONOMOUS)

(Approved by AICTE, New Delhi & Affiliated to Anna University, Chennai)  
Recognized Under Section 2(f) & 12(B) of the UGC Act, 1956  
NAAC Accredited with 'A' Grade

TIRUCHENGODE - 637 205 NAMAKKAL (Dt) TAMILNADU



Ref: SEC/ INTERNAL EXAM-II /EVEN/2020-2021/02

Date: 16.03.2021

## INTERNAL EXAM CELL

### CIRCULAR


#### For the Attention of Second and Third Year B.E. Students & Subject Handling Faculty Members:

It is hereby informed that the Internal Assessment Test - II (03.00 p.m. to 04.30 p.m.) for II and III Year B.E. Course will be conducted from 24.03.2021 to 30.03.2021 at **Physical mode**. The detailed time table will be circulated by the department in due course. In this connection the following points are brought out to the attention of students.

1. The Internal marks will be awarded strictly based on the performance of Internal Assessment Test.
2. The Portions for Internal test - II: - 1.5 Units.
3. Question Pattern:  
Part A : 30 x 1 = 30 Marks (MCQ Pattern using Level 2&3)  
Part B : 10 x 2 = 20 Marks (MCQ Pattern using Level 4&5)  
Total = 50 Marks
4. All the faculty members are requested to send Google form link of Part A and Part B to the respective Google Classroom and also send the same link to [intqp@scteng.co.in](mailto:intqp@scteng.co.in).
5. Students are instructed to prepare well for Internal Exams, since these internal marks will be accounted for continuous internal assessment and the same will be submitted to Controller of Examination/SEC.
6. If any student is involved in malpractice, he/she will be punished severely.

  
IEC COORDINATOR

  
DEAN (Academics)

  
PRINCIPAL

- To:
1. All Test Coordinators through HoDs concerned
  2. IEC Coordinator
  2. Controller of Examination
  3. IQAC
  4. File

Copy submitted to the Correspondent, SEC.





# SENGUNTHAR ENGINEERING COLLEGE

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TIRUCHENGODE - 637 205 NAMAKKAL (Dt) TAMILNADU



Ref: SEC/ INTERNAL EXAM-III /EVEN/2020-2021/03

Date: 16.03.2021

## INTERNAL EXAM CELL

### CIRCULAR

#### For the Attention of Final Year B.E. Students & Subject Handling Faculty Members:

It is hereby informed that the Internal Assessment Test - III (10.00 a.m. to 11.30 a.m.) for IV Year B.E. course will be conducted on 22.03.2021 & 23.03.2021 at **Physical mode**. The detailed time table will be circulated by the department in due course. In this connection the following points are brought out to the attention of students.

1. The Internal marks will be awarded strictly based on the performance of Internal Assessment Test.
2. Portion: 2 Units.
3. All the faculty members are requested to send the question paper to [intqp@scteng.co.in](mailto:intqp@scteng.co.in).
4. Question Pattern:

Part A: 5 x 2 = 10 Marks

Part B: 8 x 5 = 40 Marks

Total = 50 Marks

5. Students are instructed to prepare well for Internal Exams, since these internal marks will be accounted for continuous internal assessment and the same will be submitted to Controller of Examination/SEC.
6. The **Third Review** will be conducted at **Physical mode**. It is common for all the Final Year Students. The following dates to be followed for conducting third review:

25.03.2021

26.03.2021

The date should be finalized by department concerned.

7. If any student is involved in malpractice, he/she will be punished severely.

  
IEC COORDINATOR

  
DEAN (Academics)

  
PRINCIPAL

- To:
1. All Test Coordinators through HoDs concerned
  2. IEC Coordinator
  3. Controller of Examination
  4. File
  5. IQAC

Copy submitted to the Correspondent, SEC.

# Internal Assessment Test Mark Entry Portal:

**Sengunthar Engineering College(Autonomous)**

**eCOE(v5.0)** Powered by eNow Solutions CALL SUPPORT PLACE A HELP TICKET Logout

**Apr-May 2021(Batch 2017 & 2018) Internal marks**

You are here: [Dashboard](#) > [Assessments](#) > [Internal marks](#)

**PRE ASSESSMENT**

- Batch-Degree-Branch
- Students
- Courses
- Generate exam applications forms
- Sem attendance

**DURING ASSESSMENT**

- Exam fees status
- Condonation fees status
- Course wise attendance
- Internal Marks Upload
- Internal marks

**POST ASSESSMENT**

- Internal marks approval
- Hall tickets
- Halls
- QP Template
- Course Override-QP Template
- Timetable
- Portal - Coe Synchronization
- Reports

**Internal Mark List**

Search:  Degree Branch:  Regulation:

Batch:

Regulation	Batch	Degree - Branch	Course Code	Course Name	Actions
2017	2018	B.E - MECHANICAL ENGINEERING	ME8682	Design and Fabrication Project	
2017	2018	B.E - MECHANICAL ENGINEERING	ME8681	CAD / CAM Laboratory	
2017	2018	B.E - MECHANICAL ENGINEERING	HS8581	Professional Communication	
2017	2018	B.E - ELECTRONICS AND COMMUNICATION ENGINEERING	HS8581	Professional Communication	
2017	2018	B.E - ELECTRICAL AND ELECTRONICS ENGINEERING	EE8681	Microprocessors and Microcontrollers Laboratory	
2017	2018	B.E - ELECTRICAL AND ELECTRONICS ENGINEERING	EE8611	Mini Project	
2017	2018	B.E - ELECTRICAL AND ELECTRONICS ENGINEERING	EE8681	Microprocessors and Microcontrollers Laboratory	

1:56 PM 10/12/2021

Examination:



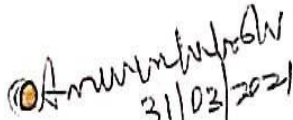
## SENGUNTHAR ENGINEERING COLLEGE (AUTONOMOUS)

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NAAC Accredited with 'A' Grade

TIRUCHENGODE - 637 205 NAMAKKAL (Dt) TAMILNADU



EXAMINATION COMMITTEE			
SL.NO.	NAME	DESIGNATION	POSITION
1	DR.C.VENKATESH	PRINCIPAL	CHAIRMAN
2	DR.B.SUJATHA	DEAN (ACADEMICS)	CONVENER
3	DR.K.VIGNESH	AP/PHYSICS	MEMBER
4	MR.P.THANGARASU	ASP/CHEMISTRY	MEMBER
5	MR.M.SIVASANKARAN	AP/ECE	MEMBER
6	TEST CO-ORDINATORS		MEMBER

  
31/03/2021  
PRINCIPAL

  
31.3.2021  
CORRESPONDENT



## Steps to download and run the tool on Windows Operating System. This is mandatory for Laptop and Desktop users

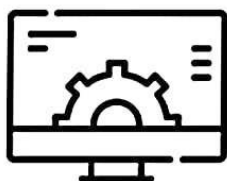
### Instructions for Laptop/Desktop users:

#### Basic Infrastructure

- Latest Version of Google Chrome (update and keep it ready in advance)
- Internet connection with 2 MBPS speed
- Functioning Webcam and laptop microphone (audio)

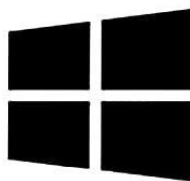
#### 1. Computer, Browser and connectivity Requirements

The remote proctoring module needs the following system configuration and requirements.



##### System Configuration

Processor: Core 2 Duo & above  
Processor Speed: 1.5 GHz & above  
RAM: Minimum 1 GB



##### Operating System (Windows)

Minimum: Windows 7  
Recommended: Windows 10



##### Mobile

Google Chrome is up to date  
Version 83.0.4103.61 or Above

The remote proctoring software streams exam data, including audio and video, directly to the cloud as you take the exam. In order to allow the continuous transfer of exam data, you need to maintain a minimum connection speed of 1 Mbps. We recommend you to verify your connection speed using an internet speed test before starting an exam. Go to the following link for Speed Test: <https://www.speedtest.net/>



## Steps to start the assessment

On google chrome (latest Version) please enter the URL -  
<http://cocubes.in/sec2020>

Enter the following details as per the  
**college records**



**Login**

Name

User Id

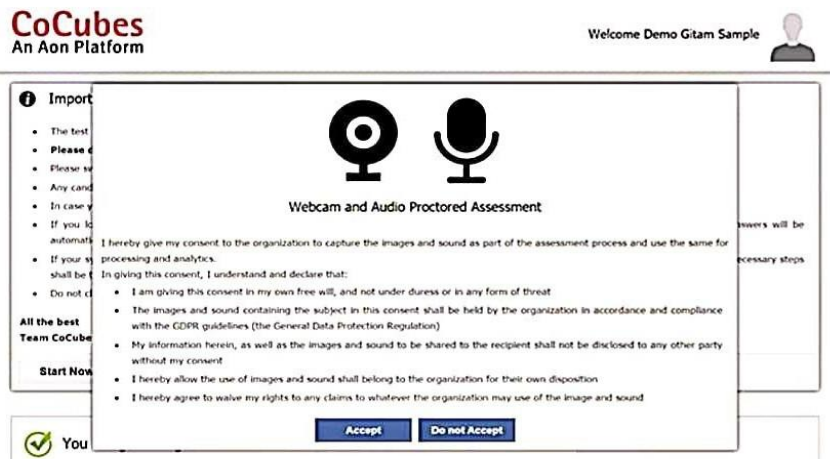
Password

Passkey

**Start Assessment**



A pop up will open and give your consent for the use of Webcam by clicking on "Accept" button



Please ensure your front camera and Microphone are in proper working condition

To Check the working functionality of your **Webcam and Microphone**, use the following links

<https://webcamtests.com/> (To test your webcam/camera)

<https://www.onlinemictest.com/> (To test your microphone)



The platform will check your system specifications. Read the instructions carefully and click on **“Start Now”** button to proceed.

The screenshot shows the CoCubes An Aon Platform interface. At the top, it says 'CoCubes An Aon Platform' and 'Welcome Candidate'. Below this is a section titled 'Important Instructions & Guidelines' with a sub-heading 'INSTRUCTIONS for Online Test'. The instructions include: 'The test contains Multiple Choice Questions (MCQs)', 'Multiple Choice Questions (MCQs) has four options. One of these four options is correct.', 'Please do not press backspace or refresh button anytime during the test.', 'Any candidate found copying would be asked to leave.', and 'During the test, user should not switch and move out of the examination window. Any such instances will amount to cheating and candidate's exam may be cancelled.' Below the instructions is a blue 'Start Now' button. A callout bubble points to this button with the text 'Click here to start test'. To the right of the instructions is a 'Quick Links' section with links for 'Internet Explorer 9+', 'Firefox 30+', 'Google Chrome 32+', 'Opera 21+', and 'Adobe Flash Player 11+'. Below the instructions is a 'You are good to go.' section with a green checkmark. It lists system specifications: Operating System: Win OS, Browser Version: Safari 13.1, JavaScript: Enabled, Screen Size: 1440px by 900px, Timer: OK, HTTP GET: OK, HTTP POST: OK, Webcam: OK, and Fullscreen: OK.

Allow popup if occurs

The screenshot shows the CoCubes An Aon Platform interface with a system specification popup and a webcam access dialog box. The popup is titled 'Please allow webcam access...' and has a blue 'Allow' button. A callout bubble points to the 'Allow' button with the text 'Click on Allow Button'. The background shows the same interface as the previous screenshot, but with a dark overlay.

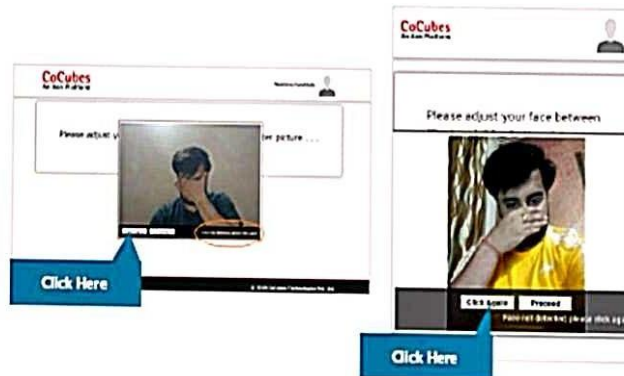


Sit in front of your Webcam. Your photo will be auto captured after 5 seconds timer. In case photo is not captured properly, you can re-click photo by clicking the button "Click Again" as shown below. *This step is very important as your photo will use for verification purpose at the time of admission.*



If your face is not clear in the clicked image, it will give an error "Face not detected" and you have click again.

Once your photo is captured properly, click on "Start test" button.





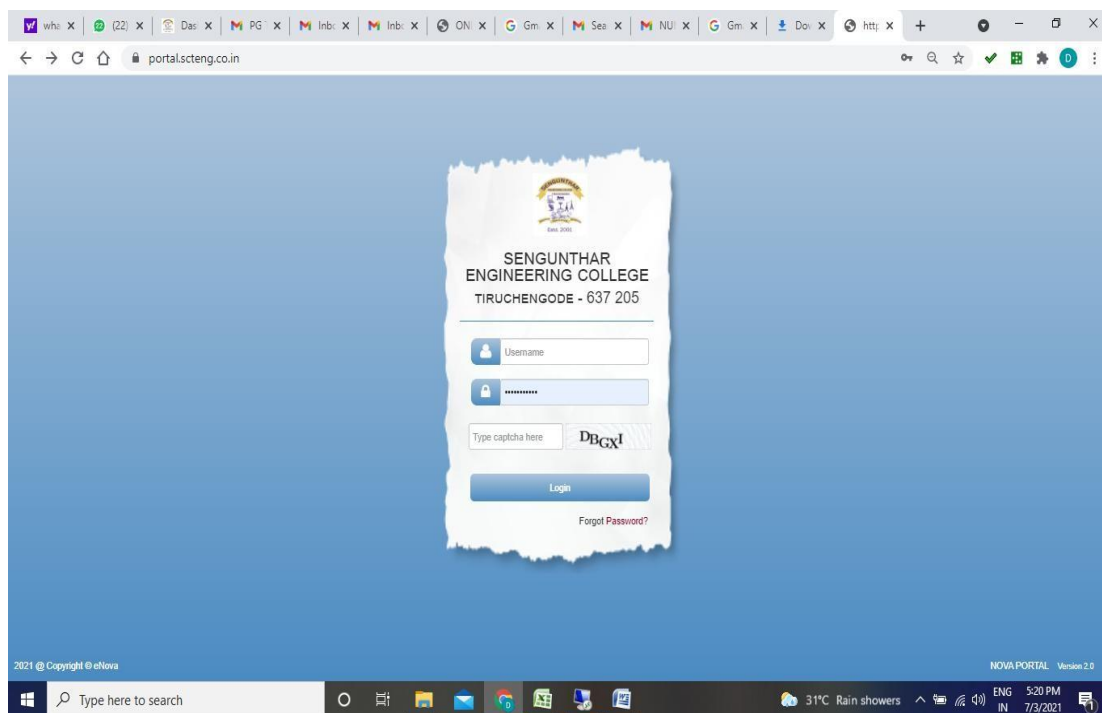


Estd. 2001



- Charge the laptop or mobile well in advance to last for at least 2 hours.
- Student to be seated using a wall as the background.
- Ensure proper lighting in the room so that the pictures captured during the exam are not blurred.
- Photograph clicked must of good quality.
- Check the power plugs.
- You should ensure proper internet connectivity is available on your laptop/ desktop/mobile.
- You must make sure webcam and mic of your system is working properly.
- After setting up audio setup with the help of headphones or earphones, you don't need to plug them in ears, you can put them on the keyboard or on the table.
- You will be under constant observation during the entire duration of the test via artificial intelligence tools and live monitoring by the proctors.
- Blank sheets are allowed for the rough work.
- Any suspected activity will lead to the immediate termination of the exam. The room must be as quiet as possible.
- You should have your water bottle at your table before start of exam as you are not allowed to leave the test screen during exam.
- Do not share your passkey with anyone.
- Do not try to navigate from the main screen. Doing so will automatically terminate your exam.
- You are not allowed to talk to anyone while your exam is being conducted, as Real Time Monitoring is being done.
- You are not allowed to use device other than the one used for the exam, electronic gadgets or any other material on the day of exam. If found then it will be considered for the cancellation of your exam by the Proctor.
- Do not move away from the frame being captured by the camera.
- Do not try to cover your camera or unplug the external camera from the system.
- You are not allowed to touch the key board while you are attempting your test, you are only allowed to scroll cursor or with mouse to answer the question.
- Use a single device for the exam. Login from multiple device can lead to cancellation of your exam.
- There should be no disturbance in the surroundings.
- Reading questions loudly or talking are not permitted.
- You must not plugged in headphones, ear buds, or any other type of listening equipment.
- You must not leave the room for any reason during exam.
- You must not communicate with any person by any means during the exam.
- Sounds such as music or television are not permitted.

## Student Login:



## Exam schedule timetable screen:

NOVAPORTAL VERSION 2.0

SENGUNTHAR ENGINEERING COLLEGE TIRUCHENGODE - 637 205

eACADEMICS eASSESSMENT

ACADEMICS

**DURING ASSESSMENT**

[Exam Schedule](#)

**EXAM SCHEDULE**

S NO	TYPE	SUBJECT CODE	SCHEDULED DATE	START TIME	END TIME	COMPLETION STATUS	COMPLETION DATE	ANSWER SCRIPT NAME	ACTION
1	ESE	Mock	19-06-2021	09:30 AM	01:00 PM	Completed	19-06-2021 10:22 AM	2021-06-19_10:21:57ANNEXUREII1.pdf	
2	ESE	MG6851	03-07-2021	02:00 PM	06:00 PM	In Progress		-	<a href="#">Take Test</a>

- Help Video: DocScanner [Click Here for Help Video](#)

# Student Exam Screen:

NOVAPORTAL VERSION 2.0

SENGUNTHAR ENGINEERING COLLEGE  
TIRUCHENGODE - 637 205

eACADEMICS eASSESSMENT

ACADEMICS

DURING ASSESSMENT  
Exam Schedule

**SUBJECT CODE :** MG6851  
**EXAM START TIME :** 02:00 PM, 03-07-2021  
**DURATION :** 240 MINUTES

**QP CODE:** MG6851  
**EXAM END TIME :** 06:00 PM, 03-07-2021  
**REGULATION :** 2013

**BATCH:** 2016  
**REGISTER NUMBER:** 612316114006

**RELOAD**

**EXAMINEE**

**EXAMINER**  
(Click "Join With Computer Audio" And Then Click "Start Video" Then Click "Allow Access To Camera")

Please wait, the meeting host will let you in soon.

MG6851-MG6851-  
Mr.GOWTHAMAN V (03-07-2021)

**TIME LEFT : 91 MIN 23 SECS**  
**SUBMIT TEST**

EXAMINATIONS - APRIL/MAY 2021  
QUESTION PAPER

portal.scteng.co.in/Eassigment/Student/Questions/index/84#focusdiv

TIRUCHENGODE - 637 205

eACADEMICS eASSESSMENT

ACADEMICS

DURING ASSESSMENT  
Exam Schedule

**SUBJECT CODE :** EC8691  
**EXAM START TIME :** 02:00 PM, 03-07-2021  
**DURATION :** 240 MINUTES

**QP CODE:** EC8691  
**EXAM END TIME :** 06:00 PM, 03-07-2021  
**REGULATION :** 2017

**BATCH:** 2017  
**REGISTER NUMBER:** 612317104719

**RELOAD**

**EXAMINEE**

**EXAMINER**  
(Click "Join With Computer Audio" And Then Click "Start Video" Then Click "Allow Access To Camera")

This meeting is being recorded  
By continuing to be in the meeting, you are consenting to be recorded.

Recording...

Join Audio by Computer  
SAL 1

EXAMINATIONS - APRIL/MAY 2021  
QUESTION PAPER

SENGUNTHAR ENGINEERING COLLEGE  
TIRUCHENGODE

QP Code	1	7	8	C	O	6	Register Number	
End Semester Examinations - April / May 2021								Regulations - 2017
Programme	EC -	ECE/CSE	Semester	IV	Max. Marks	100	Duration	3 Hrs
Course Code & Title	EC8691 - Microprocessors And Microcontrollers							
ANSWER ALL QUESTIONS.								
Part - A								
(10 x 2 = 20 Marks)								
1.	Why is the 8086 memory divided into odd and even banks?							
2.	Why do we use macros?							
3.	In what way the standard microprocessor and co-processor differ from each other?							

31°C Rain showers 5:12 PM 7/3/2021

portal.scteng.co.in/Eassignment/Student/Questions/index/84#focusdiv

NOVA PORTAL VERSION 2.0

SENUNTHAR ENGINEERING COLLEGE  
TIRUCHENGODE - 637 205

ACADEMIC | ASSESSMENT

Exam Schedule

**SUBJECT CODE:** EC8691  
**EXAM START TIME:** 02:00 PM, 03-07-2021  
**DURATION:** 240 MINUTES

**QP CODE:** EC8691  
**EXAM END TIME:** 06:00 PM, 03-07-2021  
**REGULATION:** 2017

**BATCH:** 2017  
**REGISTER NUMBER:** 612317104719  
**RELOAD**

**TIME LEFT:** 43 MIN 9 SECS

EXAMINER

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By continuing to be in the meeting, you are consenting to be recorded.

Continue Leave Meeting

EXAMINER

Recording

Join Audio by Computer

Set up your 5.4123...

31°C Rain showers

ENG IN 5:17 PM 7/3/2021

EXAMINATIONS - APRIL/MAY 2021

QUESTION PAPER

SENUNTHAR ENGINEERING COLLEGE (Autonomous) TIRUCHENGODE									
QP Code	1	7	6	C	O	8	Register Number		
End Semester Examinations - April / May 2021					Regulations - 2017				
Programme	BE - ECE/CSE		Semester	VI	Max. Marks	100	Duration	3 Hrs	
Course Code & Title	EC8691 - Microprocessors AND Microcontrollers								
Answer All Questions.									
PART - A									
1. Why is the 8086 memory divided into odd and even banks? (10 x 2 = 20 Marks)									

View of Question Paper:

portal.scteng.co.in/Eassignment/Student/Questions/index/84#focusdiv

SENUNTHAR ENGINEERING COLLEGE  
(Autonomous)  
TIRUCHENGODE

QP Code 1 7 6 C O 8 Register Number

End Semester Examinations - April / May 2021 Regulations - 2017

Programme BE - ECE/CSE Semester VI Max. Marks 100 Duration 3 Hrs

Course Code & Title EC8691 - Microprocessors AND Microcontrollers

Answer all Questions.

PART - A

- Why is the 8086 memory divided into odd and even banks?
- Why do we use macros?
- In what way the standard microprocessor and co-processor differ from each other?
- Explain ALE signal.
- How is keyboard interfaced with microprocessor?
- Give the operating modes of 8255A.
- What is meant by PSW in 8051 microcontroller.
- List the interrupts of 8051 microcontroller.
- What is the use of V<sub>pp</sub> pin in ADC?
- Compare Microprocessor with Microcontroller.

PART - B (5 x 15 = 65 Marks)

a) Describe the hardware architecture of 8086 microprocessor with neat diagram. (15)

OR

b) Explain 8086 interrupt types in detail. (15)

a) i) With necessary diagrams, examine the operations of I/O programming in detail. (8)  
ii) Compare closely coupled configuration with loosely coupled configuration. (8)

OR

SELECT FILE AND CLICK UPLOAD :

Choose File No file chosen

(PDF formatted file upto maximum of 6 MB)

Upload Answer Script

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ENG IN 5:14 PM 7/3/2021

## Evaluation Portal:

### Evaluator login:

SENGUNTHAR ENGINEERING COLLEGE  
TIRUCHENGODE - 637 205

Username

Password

Type captcha here LS CH

Login

[Forgot Password?](#)

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NOVA PORTAL Version 2.0

### Evaluator evaluation schedule screen:

NOVAPORTAL VERSION 2.0

SENGUNTHAR ENGINEERING COLLEGE  
TIRUCHENGODE - 637 205

eACADEMICS eASSESSMENT

MASTER SETTINGS

ACADEMICS

REPORTS

**DURING ASSESSMENT**

- Exam Schedule

**POST ASSESSMENT**

- Valuation
- Evaluators

**VALUATION SCHEDULES**

S NO	COURSE CODE	ASSIGNED SCRIPTS	COMPLETED	YET TO COMPLETE	COMPLETED DATE	REPORT
1	Mock	1	0	1	-	

## Evaluation page:

The screenshot shows the evaluation interface for Sengunthar Engineering College. The header includes the college name, course details (B.E - ECE, B.E - ELECTRONICS AND COMMUNICATION ENGINEERING), exam date (17-06-2021), and session (09:30-13:30). The script reference is :338. The evaluation status is 'Yet to Complete' with a 'Finish' button. The total mark is 73, with Part A marked 16, Part B marked 57, and Part C marked 0.

**PART A**  
Answer 10 Questions  
(10 \* 2 = 20 mark)

Q.NO	AWARDED MARK
1	0.0
2	2.0
3	2.0
4	2.0
5	1.0
6	0.0
7	2.0
8	2.0
9	1.0
10	2.0

The handwritten answer for Part A includes:

**PART - A**

- Kepler's second law:-  
Kepler's second law states that, the line joining the planet to the sun sweeps out equal area in equal time.
- Sub-satellite point:-  
The point on the earth vertically under the satellite is referred to as the sub satellite point. The latitude and longitude of the sub satellite point and height of the satellite above the sub satellite point can be determined from knowledge of the radius vector  $r$ .

## View question paper and answer key:

The screenshot shows the evaluation interface for Sengunthar Engineering College, focusing on Part C. The header information is consistent with the previous screenshot. The evaluation status is 'Yet to Complete' with a 'Finish' button. The total mark is 73, with Part A marked 16, Part B marked 57, and Part C marked 0.

**PART C**  
Answer 1 Questions  
(1 \* 15 = 15 mark)

14.b	0.0
15.a	11.0
(or)	
15.b	0.0
Total	57
Awarded marks picked towards total :11a,12b,13a,14a,15a	

**PART C**  
Answer 1 Questions  
(1 \* 15 = 15 mark)

16.a	0.0
(or)	
16.b	0.0
Total	0
Awarded marks picked towards total :16a	

The handwritten answer for Part C includes:

line joining the planet to the sun sweeps out equal area in equal time.

**2 Sub-satellite point:-**  
The point on the earth vertically under the satellite is referred to as the sub satellite point. The latitude and longitude of the sub satellite point and height of the satellite above the sub satellite point can be determined from knowledge of the radius vector  $r$ . The meridian plane which cuts the sub-satellite point. The height of the terrain is ellipsoid of the


Redirecting User - CoCubes.co X Assessment Report - Manju S X Assessment Report - Manju S X


https://www.cocubes.com/candidate-aplus-report?testid=60430&candidateid=21018538&combine=fa


# Sengunthar Engineering College (Autonomous)

## Choice Based Assessment Report

**Manju S**  
612318106020  
Assessed on 30 December, 2020

Profile Pic 

ID Card 


Overall Result   
**Medium**

Overall Snapshot Eye in the Sky™ Competency Result About the Report Print Report

---

### Overall Snapshot

#### Candidate's Overall Result

  
**Medium**

Individuals who score average may, with some training assistance, be able to perform well in the role and through developing and applying the required competencies.

3:36 PM 5/7/2021

Redirecting User - CoCubes.co X Assessment Report - Manju S X Assessment Report - Manju S X

https://www.cocubes.com/candidate-aplus-report?testid=60430&candidateid=21018538&combine=fa

## Choice Based Assessment Report

Manju S Medium

Overall Snapshot Eye in the Sky™ Competency Result About the Report Print Report

### Overall Snapshot

#### Candidate's Overall Result

**Medium**  
Individuals who score average may, with some training assistance, be able to perform well in the role and through developing and applying the required competencies.

#### Competency Snapshot

Section	Score	Low	Marginal	Average	Good	Outstanding
Section 1	63%			[Bar chart showing 63% in Average range]		
Section 2	67%			[Bar chart showing 67% in Average range]		

### Eye in the Sky™

#### Violation Scale

It is an index designed to rate a candidate on fair and ethical attempt of an online assessment. This score is derived using EYE IN THE SKY™, proprietary malpractice detection technology, and also reports the window violations attempted by a candidate and total time spent by moving outside the test on a system or browser.

0

3:37 PM 5/7/2021

Redirecting User - CoCubes.co X Assessment Report - Manju S X Assessment Report - Manju S X

https://www.cocubes.com/candidate-aplus-report?testid=60430&candidateid=21018538&combine=fa

## Choice Based Assessment Report

Manju S Medium

Overall Snapshot Eye in the Sky™ Competency Result About the Report Print Report

### Eye in the Sky™

#### Violation Scale

It is an index designed to rate a candidate on fair and ethical attempt of an online assessment. This score is derived using EYE IN THE SKY™, proprietary malpractice detection technology, and also reports the window violations attempted by a candidate and total time spent by moving outside the test on a system or browser.

0 1 2 3 4 5 Unacceptable

Violation Window: 0 Time: 00 min

#### Violation Parameters

Parameter	Score
Window Switch	0.00
Multiple Face Detection	0.00
Multiple Login	0.00
Device	0.00
Answer Behavior	0.00
Object Detection	0.00
Face Recognition	0.00

**Low (0 - 1)**  
A low violation rating indicates the likelihood that the candidate has attempted the assessment fairly without indulging in any malpractice.

3:38 PM 5/7/2021



# Choice Based Assessment Report



Manju S

Medium

Overall Snapshot

Eye in the Sky™

Competency Result

About the Report

Print Report

## Candidate Images

00:02 PM	00:02 PM	00:04 PM	00:07 PM	00:09 PM	00:12 PM	00:14 PM
00:17 PM	00:19 PM	00:21 PM	00:24 PM	00:24 PM	00:26 PM	00:29 PM
00:31 PM	00:34 PM	00:36 PM	00:38 PM	00:39 PM	00:41 PM	00:44 PM
00:46 PM	00:48 PM	00:51 PM	00:54 PM	00:56 PM	00:58 PM	01:01 PM

- No Face
- Audio Mute
- High Volume
- Object
- Static Image
- Multiple Face
- Impersonation

Redirecting User - CoCubes.co X Assessment Report - Manju S X Assessment Report - Manju S X

https://www.cocubes.com/candidate-aplus-report?testid=60430&candidateid=21018538&combine=fa

# Choice Based Assessment Report

**Manju S** **Medium**

Overall Snapshot Eye in the Sky™ **Competency Result** About the Report Print Report

## Competency Result

### Section 1

63%

Low Marginal Average **Good** Outstanding

Score	Attempted	Correct
19/30	28/30	19/30

### Section 2

67%

Low Marginal Average **Good** Outstanding

Score	Attempted	Correct
20/30	15/15	10/15

[Top](#)





### About the Report


This report provides information about a candidate's performance in the

3:38 PM 5/7/2021

## Result Portal:

Student Login:

✕  [https://portal.scteng.c...  
portal.scteng.co.in](https://portal.scteng.co.in)   

[Forgot Password? OR Username?](#)

Student Result:

RESULT  
portal.scteng.co.in

SENGUNTHAR ENGINEERING COLLEGE

FLASH NEWS

- Students Portal Notification:

SENGUNTHAR ENGINEERING COLLEGE  
(An Autonomous Institution, Affiliated to Anna University)  
TIRUCHENGODE - 637 205

Name	Sowmiya R	Regulation	2019
Register Number	201952006	Gender	Female
Date of Birth	03-05-1997	Branch	M.E - STRUCTURAL ENGINEER

SEM NO	COURSE CODE	COURSE NAME	GRADE	RESULT
4	19PSE401	Practical Training III (2 weeks)	O	PASS
4	19PSJ401	Project Work (Phase II)	O	PASS



# TAX INVOICE

Empower Results®

<b>Invoice Date</b>	<b>Due Date</b>	<b>Invoice Number</b>	<b>Purchase Order No.</b>
28/12/2020	12/01/2021	IN107-0007417	

**Issued to:**

The Principal  
 Sengunthar Engineering College  
 Kumaramangalam Road ,  
 Tiruchengode- 637205  
 Tamil Nadu  
 India  
 PAN: AABTS9729F  
 GSTIN: null  
 Place of Supply: Tamil Nadu (TN)

**Issued by:**

Aon Consulting Private Limited  
 1205/1206, 12th Floor, Welldone Tech Park  
 Sohna Road, Sector 48  
 Gurugram- 122002  
 Haryana  
 India  
 PAN: AAHCA0739J  
 GSTIN: 06AAHCA0739J2ZP

**INVOICE DETAILS**

Fees for Professional Services		Net Amount	Rate	GST Amount	Gross Amount
Take from Home Solutions- Online Semester Exams (Dec 2020/Jan 2021) For 2500 Assessments	INR	100,000.00	18%	18,000.00	118,000.00
Payment Terms: 1) 50% in advance/before the mock test 2) 50% after completion of delivery					
Consulting Fees HSN - 998311					
<b>Total Amount</b>	INR	<u>100,000.00</u>		<u>18,000.00</u>	<u>118,000.00</u>
<b>GST Summary</b>					
<b>Total</b>					
Taxable IGST - Standard Rate	INR	100,000.00	18%	18,000.00	
	INR			<u>18,000.00</u>	
<b>Total Amount Due:</b>	<b>INR</b>				<b>118,000.00</b>
<b>Payment Terms: Net 15</b>					

If you have queries on this invoice please contact : [accounts@cocubes.com](mailto:accounts@cocubes.com)  
 Please quote the invoice number above in all correspondence.

**Please remit payment to:**

Citibank N.A.  
 1st Floor, DLF Capitol Point  
 Kharak Singh Marg  
 New Delhi, Delhi (UT)- 110001  
 India

**Aon Consulting Private Limited**

Account Number: 521409002  
 IFSC Code : CITI0000002  
 Swift Code: CITIINBX  
 Payment Reference: IN107-0007417

Or payments by cheque should be payable to:  
 and sent for the attention of:

Aon Consulting Private Limited  
 Building No.2, 9th to 11th floor, Candor TechSpace IT/ITES  
 Sector-48, Village Tikri



# TAX INVOICE

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**Invoice Date**

28/12/2020

**Due Date**

12/01/2021

**Invoice Number**

IN107-0007417

**Purchase Order No.**

Gurugram- 122018 Haryana India
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**Authorized Signatory**

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Category: Management consulting and management services including financial, strategic, human resources, marketing, operations and supply chain management. (HSN/SAC Code for services: 9983)



# TAX INVOICE

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<b>Invoice Date</b>	<b>Due Date</b>	<b>Invoice Number</b>	<b>Purchase Order No.</b>
21/10/2020	28/10/2020	IN107-0006705	

**Issued to:**

The Principal  
 Sengunthar Engineering College  
 Kumaramangalam Road ,  
 Tiruchengode- 637205  
 Tamil Nadu  
 India  
 PAN: AABTS9729F  
 GSTIN: null  
 Place of Supply: Tamil Nadu (TN)

**Issued by:**

Aon Consulting Private Limited  
 1205/1206, 12th Floor, Welldone Tech Park  
 Sohna Road, Sector 48  
 Gurugram- 122002  
 Haryana  
 India  
 PAN: AAHCA0739J  
 GSTIN: 06AAHCA0739J2ZP

**INVOICE DETAILS**

Fees for professional services		Net Amount	Rate	GST Amount	Gross Amount
Bulk Deal for Complete Batch HSN - 998311	INR	37,900.00	18%	6,822.00	44,722.00
<b>Total Amount</b>	INR	<u><u>37,900.00</u></u>		<u><u>6,822.00</u></u>	<u><u>44,722.00</u></u>
<b>GST Summary</b>					
<b>Total</b>					
Taxable IGST - Standard Rate	INR	37,900.00	18%	6,822.00	
	INR			<u><u>6,822.00</u></u>	
<b>Total Amount Due:</b>	<b>INR</b>				<b>44,722.00</b>

**Payment Terms:** Net 7

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 Please quote the invoice number above in all correspondence.

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 1st Floor, DLF Capitol Point  
 Kharak Singh Marg  
 New Delhi, Delhi (UT)- 110001  
 India

**Aon Consulting Private Limited**

Account Number: 521409002  
 IFSC Code : CITI0000002  
 Swift Code: CITIINBX  
 Payment Reference: IN107-0006705

Or payments by cheque should be payable to:  
 and sent for the attention of:

Aon Consulting Private Limited  
 Building No.2, 9th to 11th floor, Candor TechSpace IT/ITES  
 Sector-48, Village Tikri  
 Gurugram- 122018  
 Haryana  
 India



## TAX INVOICE

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21/10/2020

**Due Date**

28/10/2020

**Invoice Number**

IN107-0006705

**Purchase Order No.**

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<b>Invoice Date</b>	<b>Due Date</b>	<b>Invoice Number</b>	<b>Purchase Order No.</b>
13/01/2021	28/01/2021	IN107-0008212	

**Issued to:**

Sengunthar Engineering College  
 Kumaramangalam Road ,  
 Tiruchengode- 637205  
 Tamil Nadu  
 India  
 PAN: AABTS9729F  
 GSTIN: null  
 Place of Supply: Tamil Nadu (TN)

**Issued by:**

Aon Consulting Private Limited  
 1205/1206, 12th Floor, Welldone Tech Park  
 Sohna Road, Sector 48  
 Gurugram- 122002  
 Haryana  
 India  
 PAN: AAHCA0739J  
 GSTIN: 06AAHCA0739J2ZP

**INVOICE DETAILS**

Fees for professional services		Net Amount	Rate	GST Amount	Gross Amount
""Take from Home Solutions- Online Semester Exams (Jan 2021) For 2000 Assessments	INR	80,000.00	18%	14,400.00	94,400.00
<b>Total Amount</b>	INR	<u>80,000.00</u>		<u>14,400.00</u>	<u>94,400.00</u>
<b>GST Summary</b>					
<b>Total</b>					
Taxable IGST - Standard Rate	INR	80,000.00	18%	14,400.00	
	INR			<u>14,400.00</u>	
<b>Total Amount Due:</b>	<b>INR</b>				<b>94,400.00</b>

**Payment Terms: Net 15**

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 Please quote the invoice number above in all correspondence.

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 1st Floor, DLF Capitol Point  
 Kharak Singh Marg  
 New Delhi, Delhi (UT)- 110001  
 India

**Aon Consulting Private Limited**

Account Number: 521409002  
 IFSC Code : CITI0000002  
 Swift Code: CITIINBX  
 Payment Reference: IN107-0008212

Or payments by cheque should be payable to:  
 and sent for the attention of:

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 Sector-48, Village Tikri  
 Gurugram- 122018



# TAX INVOICE

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**Invoice Date**

**Due Date**

**Invoice Number**

**Purchase Order No.**

13/01/2021

28/01/2021

IN107-0008212

Haryana India
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**Authorized Signatory**

**Computer generated invoice requires no signature**

Please instruct your banker with relevant Purpose Code while making payments towards invoices in currency other than INR:  
Category: Management consulting and management services including financial, strategic, human resources, marketing, operations and supply chain management. (HSN/SAC Code for services: 9983)



# SENGUNTHAR ENGINEERING COLLEGE

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**Autonomous**

**NAAC Accredited with 'A' Grade**

**KUMARAMANGALAM (Post) TIRUCHENGODE - 637 205 Namakkal Dt. Tamil Nadu.**



**Prof. A.BALADHANDAPANI M.A., M.Phil.,**  
SECRETARY & CORRESPONDENT

Date : 03.04.2021

Ref: 002 / Purchase Order / 2021

To

M/S eNova Software and Hardware Solutions P Ltd,  
545 Sathy Main Road,  
Kurumbapalayam, (PO)  
Coimbatore - 641107

Sir,

Ref: Your Quote Version V6, Ref: QUOT/20210331/001

Sub: Placement of order for automation modules

In reference to the above, We are hereby pleased to place an order for purchasing the software modules listed below and we accept the Assumptions/Constraints, Terms and Conditions and Payment Terms as stated in the quote. We also commit to begin the execution of NON COE module implementation from June 2021 and we understand that such rates are only possible when ordered with other modules and that we will be billed for the offset if the implementation decision is put on hold for any reason.

- 1 -



# SENGUNTHAR ENGINEERING COLLEGE

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**Autonomous**

**NAAC Accredited with 'A' Grade**

**KUMARAMANGALAM (Post) TIRUCHENGODE - 637 205 Namakkal Dt. Tamil Nadu.**



**Prof. A.BALADHANDAPANI M.A., M.Phil.,**  
SECRETARY & CORRESPONDENT

Date :

NOVAPORTAL		
Product	DESCRIPTION	Price (PER ACTIVE STUDENT PER Year)
eAcademics, eLibrary, eOffice and ePayment for 3 Institutions	a) A shared Cloud server hardware running the eAcademics, eLibrary, eOffice and ePayment Software Module, Administering server (Backup) and Maintenance (Security Patching of 4 layers of Software) on the server for 3 Institutions b) eAcademics, eLibrary, eOffice and ePayment Software Module License for 1 year from date of Order c) Training hours (online or in person for 16hrs) <b>Note:</b> No customization hours included in the quote. All customizations will be billed on an hourly basis.	INR 150/-
Management Reporting Module	a) A shared Cloud server hardware running the Management Reporting software Module, Administering server (Backup) and Maintenance (Security Patching of 4 layers of Software) on the server for 3 Institutions b) Management Reporting Software Module License for 1 year from date of Order c) Training hours (online or in person for 16hrs) <b>Note:</b> No customization hours included in the quote. All customizations will be billed on an hourly basis.	INR 10/-
<b>(+)18% GST TAX NOT INCLUDED</b>		



# SENGUNTHAR ENGINEERING COLLEGE

(Approved by AICTE, New Delhi and Affiliated to Anna University, Chennai)

**Autonomous**

**NAAC Accredited with 'A' Grade**

**KUMARAMANGALAM (Post) TIRUCHENGODE - 637 205 Namakkal Dt. Tamil Nadu.**



**Prof. A.BALADHANDAPANI M.A., M.Phil.,**  
SECRETARY & CORRESPONDENT

Date :

**ANNUAL Cloud hosting and Software License Fee with features listed for modules**

NOVAPORTAL		
Product	DESCRIPTION	Price (PER ACTIVE STUDENT PER Year)
eCOE Software for 1 Autonomous Institution	<p>a) A shared Cloud server hardware running the COE software, Administering server (Backup) and Maintenance (Security Patching of 4 layers of Software) on the server for 1 Institution</p> <p>b) eCOE Software License for 1 year from date of Order</p> <p>c) Training hours (online or in person for 16hrs)</p> <p><b>Note:</b> No customization hours included in the quote. All customizations will be billed on an hourly basis.</p>	INR 150/-



# SENGUNTHAR ENGINEERING COLLEGE

(Approved by AICTE, New Delhi and Affiliated to Anna University, Chennai)

**Autonomous**

**NAAC Accredited with 'A' Grade**

**KUMARAMANGALAM (Post) TIRUCHENGODE - 637 205 Namakkal Dt. Tamil Nadu.**



**Prof. A.BALADHANDAPANI M.A., M.Phil.,**  
SECRETARY & CORRESPONDENT

Date :

We agree to the migration charges for 2016-20 batch students and generation of consolidated mark statement based on actual hours used billed at Rs.550 per hour.

**Note:** We understand that the Pricing options based on ACTIVE STUDENT count which is calculated based on: He/she is either "presently studying" or "passed out student with arrears" based on the information from the software. Minimum of 500 Students required for every Institution for the price quoted above. Price increases with reduction in number of students.

Thanking You,

  
SECRETARY & CORRESPONDENT  
SECRETARY & CORRESPONDENT,  
SENGUNTHAR ENGINEERING COLLEGE  
(AUTONOMOUS)  
TIRUCHENGODE - 637 205.

*As per*  
03/04/2021

*3/4/21*



# SENGUNTHAR ENGINEERING COLLEGE

(Approved by AICTE, New Delhi and Affiliated to Anna University, Chennai)

**Autonomous**

**NAAC Accredited with 'A' Grade**

**KUMARAMANGALAM (Post) TIRUCHENGODE - 637 205 Namakkal Dt. Tamil Nadu.**



**Prof. A.BALADHANDAPANI M.A., M.Phil.,**  
SECRETARY & CORRESPONDENT

Date : 03.04.2021

Ref: 002 / Purchase Order / 2021

To

M/S eNova Software and Hardware Solutions P Ltd,  
545 Sathy Main Road,  
Kurumbapalayam, (PO)  
Coimbatore - 641107

Sir,

Ref: Your Quote Version V6, Ref: QUOT/20210331/001

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- 1 -



# SENGUNTHAR ENGINEERING COLLEGE

(Approved by AICTE, New Delhi and Affiliated to Anna University, Chennai)

**Autonomous**

**NAAC Accredited with 'A' Grade**

**KUMARAMANGALAM (Post) TIRUCHENGODE - 637 205 Namakkal Dt. Tamil Nadu.**



**Prof. A.BALADHANDAPANI M.A., M.Phil.,**  
SECRETARY & CORRESPONDENT

Date :

NOVAPORTAL		
Product	DESCRIPTION	Price (PER ACTIVE STUDENT PER Year)
eAcademics, eLibrary, eOffice and ePayment for 3 Institutions	a) A shared Cloud server hardware running the eAcademics, eLibrary, eOffice and ePayment Software Module, Administering server (Backup) and Maintenance (Security Patching of 4 layers of Software) on the server for 3 Institutions b) eAcademics, eLibrary, eOffice and ePayment Software Module License for 1 year from date of Order c) Training hours (online or in person for 16hrs) <b>Note:</b> No customization hours included in the quote. All customizations will be billed on an hourly basis.	INR 150/-
Management Reporting Module	a) A shared Cloud server hardware running the Management Reporting software Module, Administering server (Backup) and Maintenance (Security Patching of 4 layers of Software) on the server for 3 Institutions b) Management Reporting Software Module License for 1 year from date of Order c) Training hours (online or in person for 16hrs) <b>Note:</b> No customization hours included in the quote. All customizations will be billed on an hourly basis.	INR 10/-
<b>(+)18% GST TAX NOT INCLUDED</b>		





# SENGUNTHAR ENGINEERING COLLEGE

(Approved by AICTE, New Delhi and Affiliated to Anna University, Chennai)

**Autonomous**

**NAAC Accredited with 'A' Grade**

**KUMARAMANGALAM (Post) TIRUCHENGODE - 637 205 Namakkal Dt. Tamil Nadu.**



**Prof. A.BALADHANDAPANI M.A., M.Phil.,**  
SECRETARY & CORRESPONDENT

Date :

**ANNUAL Cloud hosting and Software License Fee with features listed for modules**

NOVAPORTAL		
Product	DESCRIPTION	Price (PER ACTIVE STUDENT PER Year)
eCOE Software for 1 Autonomous Institution	<p>a) A shared Cloud server hardware running the COE software, Administering server (Backup) and Maintenance (Security Patching of 4 layers of Software) on the server for 1 Institution</p> <p>b) eCOE Software License for 1 year from date of Order</p> <p>c) Training hours (online or in person for 16hrs)</p> <p><b>Note:</b> No customization hours included in the quote. All customizations will be billed on an hourly basis.</p>	INR 150/-



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**Prof. A.BALADHANDAPANI M.A., M.Phil.,**  
SECRETARY & CORRESPONDENT

Date :

We agree to the migration charges for 2016-20 batch students and generation of consolidated mark statement based on actual hours used billed at Rs.550 per hour.

**Note:** We understand that the Pricing options based on ACTIVE STUDENT count which is calculated based on: He/she is either "presently studying" or "passed out student with arrears" based on the information from the software. Minimum of 500 Students required for every Institution for the price quoted above. Price increases with reduction in number of students.

Thanking You,

  
02.4.2021.  
**SECRETARY & CORRESPONDENT**  
SECRETARY & CORRESPONDENT,  
SENGUNTHAR ENGINEERING COLLEGE  
(AUTONOMOUS)  
TIRUCHENGODE - 637 205.

A. S. S. S.  
03/04/2021

3/4/21