



Sri

# SAI RAM INSTITUTE OF TECHNOLOGY

Accredited by **NBA** and **NAAC "A+"** | An **ISO 9001:2015** Certified and **MHRD NIRF** ranked institution  
NBA Accredited | Accredited by NAAC with 'A+' Grade | An ISO 9001 : 2015 Certified Institution  
Sai Leo Nagar, West Tambaram, Chennai - 600 044. [www.sairamit.edu.in](http://www.sairamit.edu.in)



## 7.3 Institutional Distinctiveness

### 7.3.1 Describe/Explain the performance of the institution in one area distinctive to its vision, priority and thrust

#### Response

#### Infrastructure for student's academic and co-curricular activities

#### State of online platform in SSIT is one area distinctive and differentiates from the rest

As the world is being developed with the new technologies, discovering and manipulating new ideas and concepts of online education are changing rapidly. In response to these changes, many states, institutions, and organizations have been working on strategic plans to implement online education. At the same time, misconceptions and myths related to the difficulty of teaching and learning online, technologies available to support online instruction, the support and compensation needed for high-quality instructors, and the needs of online students create challenges for such vision statements and planning documents.

#### ONLINE PLATFORM IN SSIT

Sairam has tied up with the various online learning platforms of Coursera, edX, NAASCOM Future skills, NPTEL and google class room

#### Coursera:

**Coursera** is an American massive open online course (MOOC) provider founded in 2012 by Stanford University's computer science professors Andrew Ng and Daphne Koller that offers massive open online courses (MOOC), specializations, degrees, professional and master track courses.

Coursera courses last approximately four to twelve weeks, with one to two hours of video lectures a week. These courses provide quizzes, weekly exercises, peer-graded and reviewed assignments, an optional Honors assignment and sometimes a final project or exam to complete the course. Courses are also provided on-demand, in which case users can take their time in completing the course with all of the material available at once. As of May 2015, Coursera



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offered 104 on-demand courses it also provides guided projects which are short 2-3 hour projects that can be done.

**DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING**  
Hearty Congratulations to

<b>Prabakaran K</b> 151 Courses	<b>Lyzul Imran A</b> 147 Courses	<b>Vijay S</b> 141 Courses	<b>Poovarasan M</b> 131 Courses
<b>Bhuvanesh S</b> 127 Courses	<b>Shri Aishwaryaa</b> 109 Courses	<b>Dickson Samuel Williams</b> 108 Courses	<b>Prathiba V</b> 102 Courses

**DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING**  
Congratulates our students on completing 100+ courses in Coursera

<b>M.SHYAMALAVANNAN</b> 198 COURSES	<b>R.AARTHI</b> 197 COURSES
<b>UMA. N.N</b> 188 COURSES	<b>N.DEEPAK</b> 186 COURSES
<b>MAHITHRA S</b> 140 COURSES	
<b>M.MONISHA</b> 114 COURSES	<b>P.RITHIKA</b> 106 COURSES

**Explored 100+ Online Certification Courses in Coursera.**

**Sri SAI RAM INSTITUTE OF TECHNOLOGY**  
An Autonomous Institute | Affiliated to Anna University & Approved by AICTE, New Delhi  
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## edX:

edX is an American massive open online course (MOOC) provider created by Harvard and MIT. It hosts online university-level courses in a wide range of disciplines to a worldwide student body, including some courses at no charge. It also conducts research into learning based on how people use its platform. edX is a nonprofit organization and runs on the free Open edX open-source software platform.

edX courses consist of weekly learning sequences. Each learning sequence is composed of short videos interspersed with interactive learning exercises, where students can immediately practice the concepts from the videos. The courses often include tutorial videos that are similar to small on-campus discussion groups, an online textbook, and an online discussion forum where students can post and review questions and comments to each other and teaching assistants. Where applicable, online laboratories are incorporated into the course.

## NAASCOM FUTURE SKILLS:

NASSCOM Future Skills was launched on 19th February 2018 in the presence of senior industry leaders and government officials. The programme aims to reskill 2 million professionals and potential employees & students in the industry over a period of 5 years. To do this, Future Skills portal uses the technology of the future, to create a space where a learner can access content on all the skills of the future. A learner can seamlessly access free and paid content, assessments and virtual labs and get certified on the skills of their choice.

The platform is fuelled by a curation engine that has the ability to trawl the massive amount of high quality learning content available on the web and funnel it in an easy to consume format that's meaningful and effective for the learners. It also has a curation feature that allows Subject Matter Experts from Industry and academia to contribute by curating content and learning pathways on these technologies.





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## NPTEL:

NPTEL online courses is an opportunity for the Faculty members of the Local Chapters to guide and monitor their students' progress in the NPTEL online course and ensure better performance and understanding of the subject by the students.

### NPTEL YEAR WISE DETAILS

YEAR	MONTH	ENROLLED	REGISTERED	CERTIFIED
2019	JAN-MARCH	405	47	38
	JAN-APRIL	1473	114	89
	JUL-SEPTEMBER	299	66	40
	JUL-NOVEMBER	1054	138	55
2020	JAN-MARCH	306	29	41
	JAN-APRIL	584	44	28

This certificate is computer generated and can be verified by scanning the QR code given below. This will display the certificate from the NPTEL repository. <https://npTEL.ac.in/hoc/>

Roll No: NPTEL20MG2851447119

To  
 MURUGAN M  
 CIVIL, KATHIRVEL NAGAR  
 THOOTHUKUDI  
 TAMIL NADU-628008  
 PH. NO: 796224994

No. of credits recommended by NPTEL:3  
An additional 1 credit may be awarded if the University deems it fit, based on the actual student effort involved.

## NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)

This certificate is awarded to

**MURUGAN M**

for passing the course

**Infrastructure Planning and Managements**

with Score\* 93 %

*Devendra Jaiswal*

Prof. Devendra Jaiswal  
Chairman  
Centre for Continuing Education, IITM

*Prof. Andrew Thangaraj*

Prof. Andrew Thangaraj  
NPTEL, Co-ordinator  
IIT Madras

Jan-Apr 2020  
(12 week course)

Indian Institute of Technology Madras

\*Continuous online assessment score To validate and check scores: <https://npTEL.ac.in/hoc/>

This certificate is computer generated and can be verified by scanning the QR code given below. This will display the certificate from the NPTEL repository. <https://npTEL.ac.in/hoc/>

Roll No: NPTEL19E55551211548

To  
 S SWEETLINE SHAMINI  
 NID, TILAKJANAKI NAGAR,  
 N.S.D B COLONY  
 TIRUNELVELI  
 TAMIL NADU  
 627007  
 PH. NO 9952866571

Score	Type of Certificate
>=90	Elite+Gold
75-89	Elite+Silver
>=60	Elite
40-59	Successfully Completed
<40	No Certificate

No. of credits recommended by NPTEL:3  
An additional 1 credit may be awarded if the University deems it fit, based on the actual student effort involved.

## NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)

This certificate is awarded to

**S SWEETLINE SHAMINI**

for successfully completing the course

**Digital Image Processing**

with a consolidated score of 77 %

Online Assignments 22.75/25 | Proctored Exam 54/75

Total number of candidates certified in this course: 800

*Prof. Adrijit Goswami*

Prof. Adrijit Goswami  
Dean, Continuing Education & NPTEL, Co-ordinator  
IIT Kharagpur

Jul-Oct 2019  
(12 week course)

Indian Institute of Technology Kharagpur

To validate and check scores: <https://npTEL.ac.in/hoc/>



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## Letter of Appreciation

This letter of appreciation is awarded to **T.N.M.THARINNI MAI** for his/her efforts in disseminating and supporting the learners of the Swayam NPTEL Local Chapter **SRI SAIRAM INSTITUTE OF TECHNOLOGY**, as a Single Point of Contact (SPOC) during the Jan-Apr 2020 semester. The support provided by the SPOC was critical in ensuring a smooth completion of the various academic activities in the COVID-19 impacted semester.

As per the data at our end, the details related to **SRI SAIRAM INSTITUTE OF TECHNOLOGY** are as given below.

This is indicative of the activeness of the SPOC in supporting and disseminating the information within the local chapter. We want to extend our sincere appreciation to the SPOC for all the effort and support extended throughout the semester.

Number of candidates registered	Number of candidates passed (based on assignment scores)
73	69

*This calculation is per the modified pass criteria.*

- If average assignment score  $\geq 40/100$  (which is also one condition for certificate eligibility), we will issue a modified Pass certificate.
- If this score  $< 40/100$ , this certificate will not be issued.

*We will calculate the Average Assignment score as follows:*

*Average of the best 3/8 assignments for courses of duration 4/8/12 weeks (or as announced a priori in the course in case of changes)*

Prof. Andrew Thangaraj  
NPTEL Co-Ordinator





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## GOOGLE CLASSROOM:

Google Classroom is a free, blended learning platform that offers a variety of benefits for both students and teachers. Whether you're a 1:1 class or you just rock the computer carts from time to time, Google Classroom can elevate your classroom's productivity and take workflow management to the next level. In particular, comparative performance is good in the areas of ease of access, perceived usefulness, communication and interaction, instruction delivery and students' satisfaction towards the Google Classroom's active learning activities.

## **BENEFITS:**

### **1. Easy to use and accessible from all device**

Even if you are not a Google user, using Google Classroom is a piece of cake. Apart from being delivered through the Chrome browser, which makes it accessible from all computers, mobile phones, and tablets, it makes it really easy for you to add as many learners as you like, create Google documents to manage assignments and announcements, post YouTube videos, add links, or attach files from Google Drive. Learners will find it equally easy to log in, as well as receive and turn in assignments.

### **2. Effective communication and sharing**

One of the greatest advantages of Google Classroom is Google Docs; these documents are saved online and shared with a limitless number of people, so when you create an announcement or assignment using a Google doc, your learners can access it immediately through their Google Drive, as long as you have shared it with them. Furthermore, Google Docs are easily organized and personalized in Google Drive folders. In other words, you no longer need emails to share information; you just create a document, share it with as many learners as you want, and voila!

### **3. Speeds up the assignment process**

How about creating an assignment and distributing it with just a click of a button? And how about learners turning in the completed assignment in a matter of seconds? Assignment process has never been quicker and more effective, as in Google Classroom you can easily check who has submitted their assignment and who is still working on it, as well as offer your feedback immediately.



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## 4. Effective feedback

Speaking of feedback, Google Classroom gives you the opportunity to offer your online support to your learners right away; this means that feedback becomes more effective, as fresh comments and remarks have bigger impact on learners' minds.

## 5. No need for paper

There might be a day that grading papers would be impossible to imagine; Google Classroom is certainly interested in getting there as soon as possible. By centralizing eLearning materials in one cloud-based location, you have the ability to go paperless and stop worrying about printing, handing out, or even losing your learners' work!

## 6. Clean and user friendly interface

Staying loyal to clean Google layout standards, Google Classroom invites you to an environment where every single design detail is simple, intuitive, and user-friendly. Needless to say, Google users will feel right at home.

## 7. Great commenting system

Learners can comment on specific locations within pictures for a variety of online courses. Furthermore, you can create URLs for interesting comments and using them for further online discussion.

## 8. Is for everyone

Educators can also join Google Classroom as learners, which means that you can create a Google Classroom for you and your colleagues and use it for faculty meetings, information sharing, or professional development.



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classroom.google.com/w/MTE0Mzc4NDI5MTgz/t/all

SITCE2023A - ODD (2020 - 2021)

Stream Classwork People Grades

### II/III - MA8353 - TRANSFORMS AND PARTIAL D...

- Assignment-II(Class notes) Due Oct 14
- APPLICATIONS OF PDE ASSIGNMENT III Due Sep 29
- Unit-II(Material) Posted Sep 12
- SIT /CIVIL/II YEAR/III SEM /CAT-II/MA8353-T... Due Sep 14, 12:15 PM
- SIT/CIVIL/II year/III Sem/A/CA1/MA8353-TPDE Due Aug 17, 12:15 AM

### II/III - CE8301 - STRENGTH OF MATERIALS I

- 4.3 COMBINED BENDING AND TORSION Posted Oct 15
- class test - torsion Due Oct 14, 3:00 PM

Activate Windows  
Go to Settings to activate Windows.

Type here to search

classroom.google.com/c/MTE0Mzc4NDI5MTgz/a/MTQ4NjA3MDIwODIw/submissions/by-status/and-sort-first-name/all

SITCE2023A - ODD (2020 - 2021)

Instructions Student work

Return 100 points

Student	Score	Submission	Status
ANTONY ALBERT L "Kindly complete all problems"	80	Adobe Scan Sep 04, 2...	Graded
BALAJI N "Thank you sir"	100	SURVEY ASSIGNMEN...	Graded
BALASUBRAMANI K "Correct your mistakes and th..."	78	surveying assignment...	Graded
DURGA NANDHINI S "Thank you sir"	100	2 attachments	Graded
IYSWARYA D "Again you are doing same ml..."	98	SURVEY-assignment(...)	Graded
JAYAMUTHARASAN V "Try to complete all problems"	80	survey.pdf	Graded
MONISH J "Correct your mistakes and th..."	78	SURVEY ASSIGNMEN...	Graded
PIRAVEENKUMAR R "Kindly complete all problems"	80	Scan 03-Sep-2020.pdf	Graded
RAJASEKAR BS			
SRINIDHI S			
VASANTHA RAJ P			
VISHVA K			

Activate Windows  
Go to Settings to activate Windows.

Type here to search





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## LECTURE 13

### LEVELLING

#### (ERRORS IN LEVELLING)

#### QUIZ: AT THE END OF ROUND VII

S. NO	STUDENT ID	NAME OF THE STUDENT	ROUND I	ROUND II	ROUND III	ROUND IV	ROUND V	ROUND VI	ROUND VII	TOTAL
			10	15	10	15	20	15	15	100
1	SIT19CE003	BALAJI N	8	15	9	10	20	15	15	92
2	SIT19CE005	SRINIDHI S	6	14	9	12	20	15	15	91
3	SIT19CE007	DURGA NANDHINI S	7	10	10	11	20	15	15	88
4	SIT19CE008	VASANTHA RAJ P	6	9	3	13	20	15	13	79
5	SIT19CE010	IYSWARYA D	8	10	6	9	20	15	9	77
6	SIT19CE006	PIRAVEENKUMAR R	3	15	3	12	12	13	13	71
7	SIT19CE002	RAJASEKAR BS	5	8	1	11	20	9	15	69
8	SIT19CE013	BALASUBRAMANI K	-	15	3	10	19	15	6	68
9	SIT19CE012	ANTONY ALBERT L	-	-	2	15	20	15	13	65

classroom.google.com/w/MTE0Mzc4NDI5MTgz/t/all

## III/III - CE8351 - SURVEYING

**3.3 TRIANGULATION SURVEY** Edited Oct 13

**1. RECCONNAISANCE SU...**  
PowerPoint

**2. SIGNALS AND TOWERS...**  
PowerPoint

**3. BASE LINE MEASUREM...**  
PowerPoint

**4. MEASUREMENT OF AN...**  
PowerPoint

[View material](#)

**3.2 TRIANGULATION FIGURES** Posted Oct 1

**3.1 TRIANGULATION** Posted Oct 1

**SIT/CIVIL/II YEAR/III SEM /CAT -III/CE8351- SU...** Due Sep 17, 12:15 PM