# **REPORT**

USE of ICT Enabled Tools for Effective Teaching Learning Process



**USE of ICT Enabled Tools for Effective** 

# **Teaching Learning Process**

There is no escaping the fact that Information and Communication Technology (ICT) has become a vital part of our lives and is here to stay in a digital age dominated by applications, multimedia tools, and smart devices.

ICT can be a key element of the educational process for students when they begin their academic careers. There is no limit to the positive development of a young mind with the effective use of technology in classrooms combined with more traditional teaching methods, whether that comes in the form of academic achievement and improved learning outcomes, enhanced creative thinking, or the development of skills that will prove crucial in later life.

ICT promotes student collaboration and makes it easier for them to work together. Students can develop their collaboration skills by participating in a variety of online activities. In their virtual learning environments, students can collaborate on projects by exchanging documents or using forums.

Some of the benefits of using ICT enabled tools for effective teaching Learning process are as follows:

- Promotes connection and raises involvement levels among students
- Learning is available everywhere and at any time.
- Provides fresh methods for learning because technology in classrooms is always changing.
- Increases and strengthens student collaboration and peer support
- Enables teachers to customize their instruction
- Promotes unique learning styles and lets students go at their own pace

For the purpose of fostering the use of information and communication technology for efficient curriculum delivery, the Institute has policies and mechanisms in place. The Teaching Learning resources offered to help it are suitable and ICT compatible. Laptops, desktop computers, printers, and LCD projectors are given to the various departments of the college.

In addition to traditional classroom instruction, the Institute uses ICT-enabled instructional methods. The institute then makes an attempt to create an environment conducive to online learning in the classroom and computer labs:

**The classrooms:** The Classrooms are equipped with LCD projectors and computer system. The smart board and laptops are available on demand for teachers to use during teaching. The well-equipped seminar hall is available for accommodating large number of participants.

Computer laboratories: The College contains well-equipped computer labs that are fully operational for teaching programs in computer science and information technology.

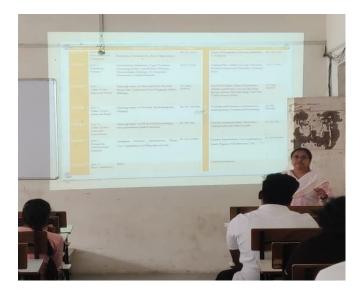
The Library: The College's library provides students and faculty with access to computers to manage materials (books, journals, videos, and other media) maintained in specific collections and to enable access to a variety of electronic information resources. Additionally, it gives users access to an online database of research materials for academic purposes. The college has an N-List (E-Journals E-Books) subscription. Most of the faculties from the institution avails these facilities to make their teaching effective.

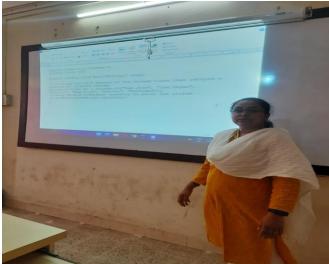
The use of information and communication technology (ICT) as a teaching tool is growing in popularity. Information and communications technology (ICT) in education refers to a style of education that employs these tools to support, improve, and optimize the dissemination of knowledge.

SSBES's ITM's Assistant Professor **Dr. S. N. Kokate** delivering his lecture with the aid of a PPT presentation.



**Dr. Anagha Joshi,** Assistant Professor, Dept. of CS uses ICT-enabled teaching techniques in addition to the traditional chalk-and-talk mode of instruction. She then makes attempts to create an environment conducive to online learning in the classroom. She exposes the students to advanced information and practical learning through the use of IT-enabled instructional materials like PowerPoint presentations, video clippings, audio systems, and web sources.





Modern societies are largely dependent on digital technologies. The Department of Management's Assistant Professor, **Ms. Saipriya Mamidwar**, Assistant Professor, Dept. of Management uses a projector to present her lessons.



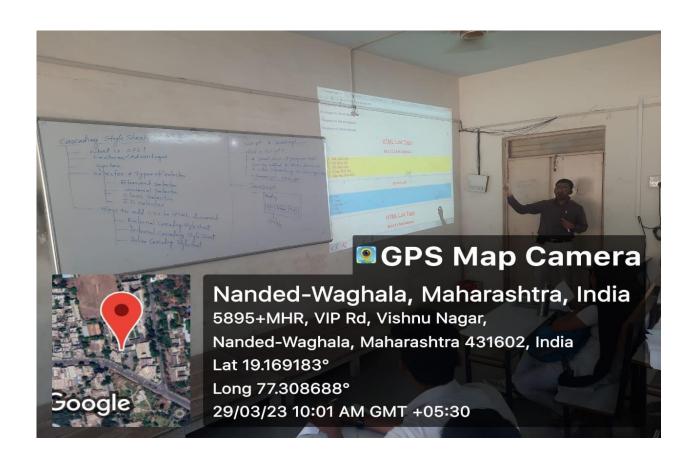
**Dr. P.H. Tamgadge,** Asst. Prof., Dept. of Management, Presenting his lecture with the help of PPT and LCD Projector.







**Mr. P. U Shegaonkar,** Asst. Prof., Dept. of HS delivers his lecture on Food & Nutrition using PPT presentation.



Mr. P.P. Joshi, Asst. Professor, Dept. of CS uses PPT presentation along with White board for conveying his lecture.



Dr. N. D. Shinde guiding the students

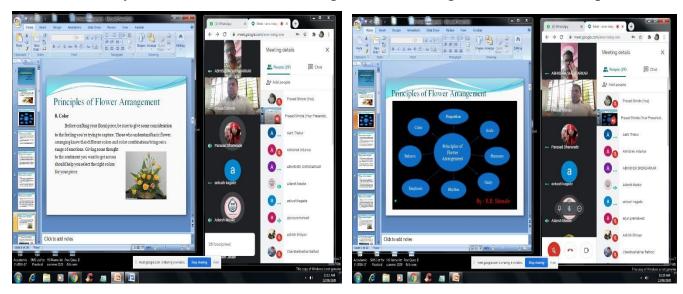


Use of such ICT enabled tools increases the student's involvement in the lecture.

Institutes faculties not only the use of the projectors for delivering their lectures follow various others ICT enabled Teaching Learning Tools as mentioned below:

### **Use of ZOOM/Google Meet and Google Classrooms:**

To supplement classroom instruction, the teachers make use of a variety of instructional technology. Due to COVID-19 constraints, teachers primarily delivered regular lectures in the academic year 2020–2021 online using tools like Google Meet and Zoom platform.



**Mr. B. B. Shinde**, Asst. Professor, Dept. of HS delivering his lecture through Google Meet platform.

**Dr. P. A. Kadam,** Asst. Prof., Dept. of CS conducted his lectures on Operating System using Zoom Platform.



**Dr. P.R. Patil,** Asst. Prof., Dept. of CS, and **Mr. P.U. Shegaonkar**, HOD, Dept. of HS also delivered their lectures through ZOO Google Meet Platform respectively.

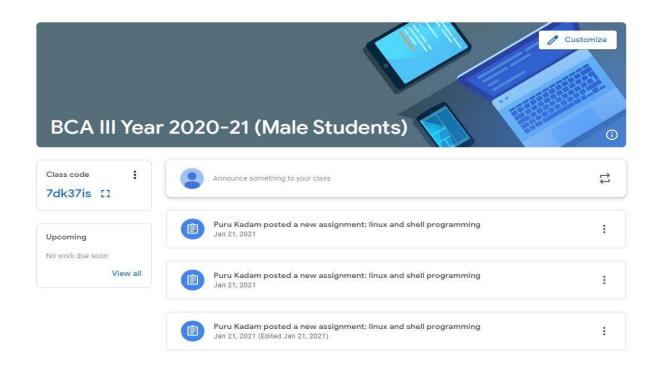


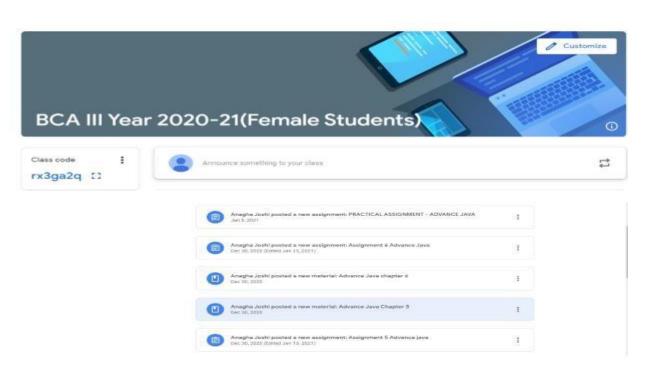
Hon. Director of the institute, Dr. S.B. Thorat sir, motivated the students during pandemics through online platform.

Institute uses online platform such as Google class room to provide assignments, study material, etc to the students so that they can take advantages of these material at their own time.

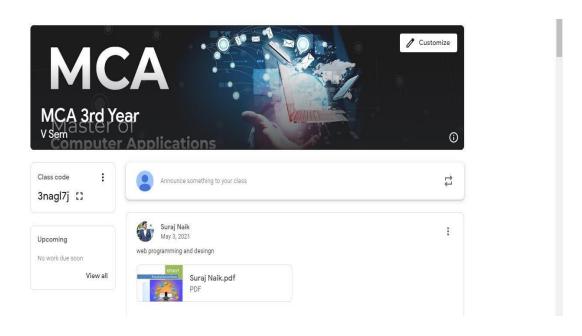
Faculties form the institution form Google Classroom for various classes and instructs the students.

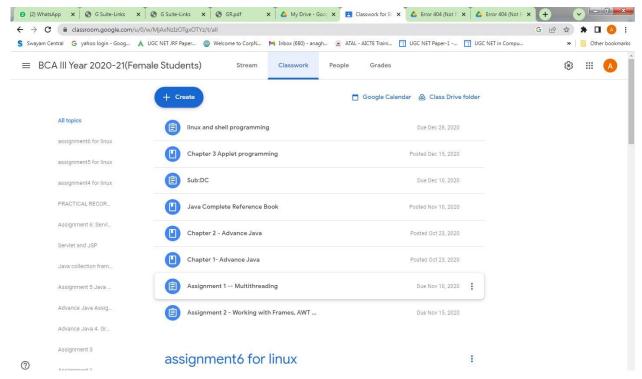




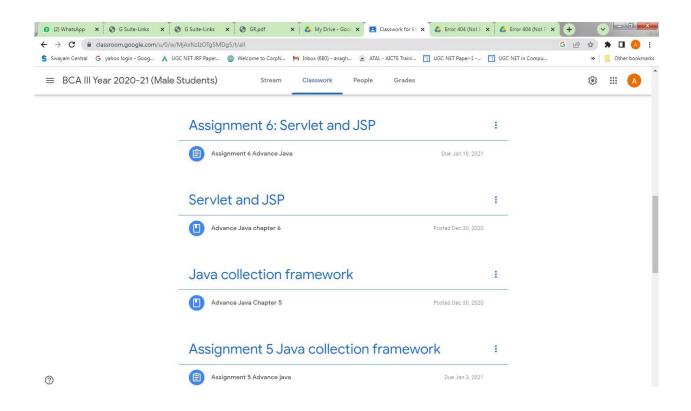


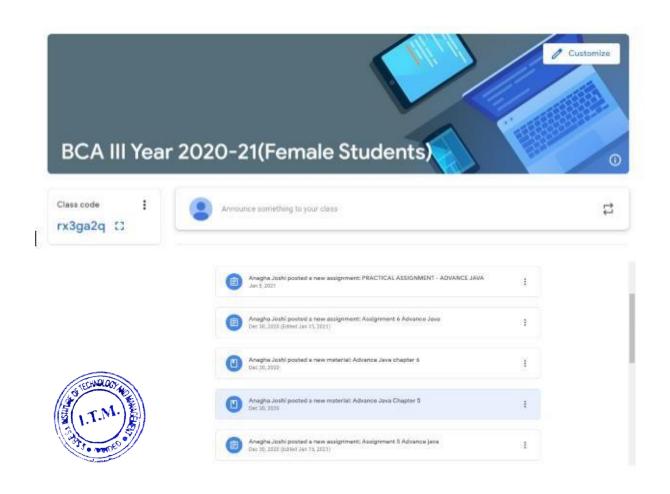




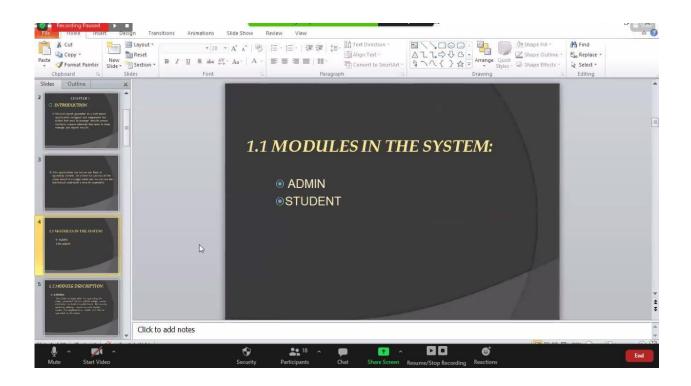


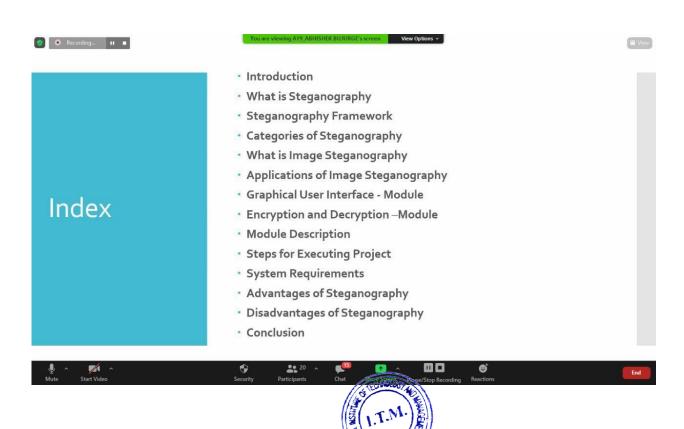


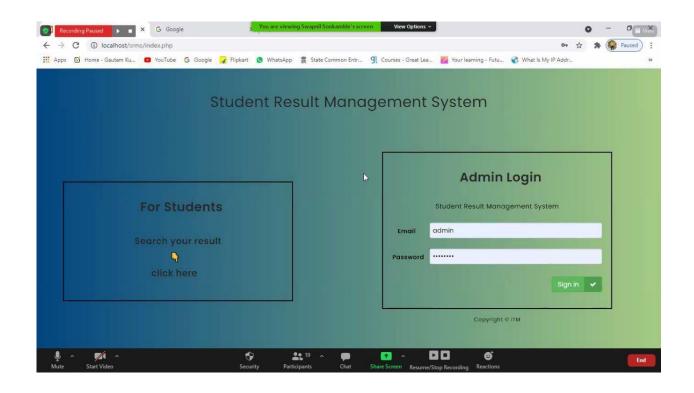


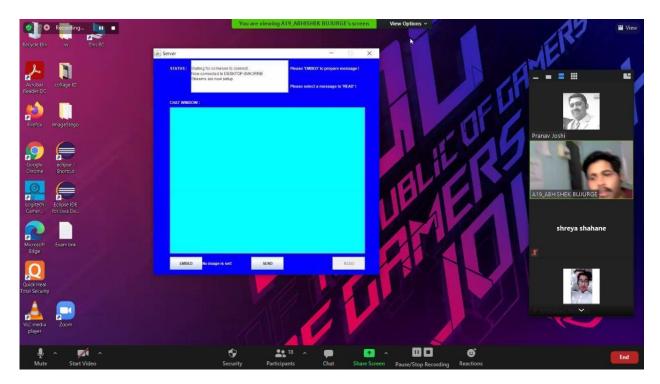


Students took the advantage of these online platform to represent seminar and to give project demonstration to their respective project guides. Here are the some of the screen shots:











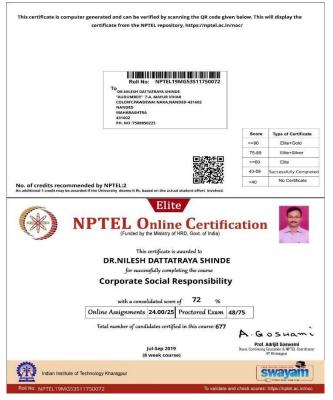
### **SWAYAM/NPTEL CERTIFICATIONS:**

The Study Webs of Active Learning for Young Aspiring Minds (SWAYAM) was made available by the Government of India's Ministry of Human Resource Development (MHRD). Using this portal, prospective students from the ninth grade through the postgraduate level can benefit from digital learning.

**SWAYAM**, a platform for online learning, gives students access to a range of e-learning courses and certifications. Students can continue their studies using SWAYAM without depending on external physical education infrastructure.

Institution is a LOCAL CHAPTER for NPTEL and college nominated Dr. P.B.

Tamsekar, Assistant Professor, SSBES's ITM, Nanded as **SPOC** for coordination with NPTEL. He appointed some of the faculties as Mentor to assist the students. Many students and faculties from the college enrolled to the NPTEL courses and get benefited.







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/noc/

Roll No: NPTEL19CS59S31870014



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





No. of credits recommended by NPTEL:1

An additional 1 credit may be awarded if the University deems it fit, by



# NPTEL Online Certification (Funded by the Ministry of HRD, Govt. of India)

This certificate is awarded to

#### ANUJA BALAJI DEBADWAR

**Python for Data Science** 

with a consolidated score of 47 Online Assignments | 12/25 | Programming Exam | 20/25 | Proctored Exam | 15/50

Total number of candidates certified in this course: 4426



Indian Institute of Technology Madras



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/noc/

### 

TO
PATIL VAISHNAVI NARAYANRAO
SAHAYOG NAGAR, RAJ CORNER, NANDED
NANDED
MAHARASHTRA
431605
PH. NO :7620831543



Score Type of Certificate >=90 Elite+Gold 75-89 Elite+Silver Elite

No. of credits recommended by NPTEL:2

Elite



PATIL VAISHNAVI NARAYANRAO for successfully completing the course

**Developing Soft Skills and Personality** 

with a consolidated score of 87 % Online Assignments 23.50/25 Proctored Exam 63/75

Total number of candidates certified in this course: 15357



Aug-Oct 2019 (8 week course)

Indian Institute of Technology Kanpur



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/noc/

# Roll No: NPTEL19CS84S41870023



Score Type of Certificate 40-59

Elite+Gold Elite+Silver

No Certificate

No. of credits recommended by NPTEL:3

An additional 1 credit may be awarded if the University deem

Elite







**Programming In Java** 

with a consolidated score of 78 %

Online Assignments 20/25 Programming Exam 21.88/25 Proctored Exam 36/50

Total number of candidates certified in this course: 3876

A. GOSHAMI

Jul-Oct 2019

swayam

TECHNOLOGY A

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/noc/

# 

TO PITTAM RAJENDRA PATIL
31 B VITHAL NAGAR
CHAITANYA NAGAR ROAD
NANDED
MAHARASHTRA
431605
PH. NO :9970044282



Score Type of Certificate 40-59 No Certificate

No. of credits recommended by NPTEL:3

An additional 1 credit may be awarded if the University deem





This certificate is awarded to PRITAM RAJENDRA PATIL

for successfully completing the course **Software Project Management** 

with a consolidated score of 50 % Online Assignments 16.88/25 Proctored Exam 33/75

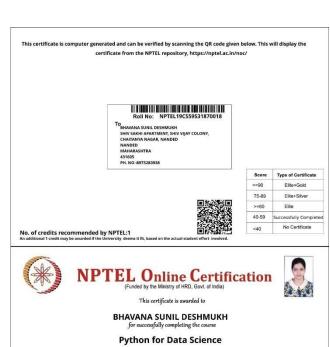
Total number of candidates certified in this course: 1488

· GOSHAML

Jul-Oct 2019 (12 week course)







with a consolidated score of 44

Online Assignments 13.75/25 Programming Exam 15/25 Proctored Exam 15/50

Total number of candidates certified in this course: 4426

Aug-Sep 2019 (4 week course)



(Jul-Aug 2019)



Devendra Jalihal

Indian Institute of Technology Madras





Roll No: NPTEL19MG34S21750111





#### SWAYAM ARPIT ONLINE COURSE CERTIFICATION

This Certificate is awarded to

#### **KOKATE SATISH NAGORAO**

for successfully completing the ARPIT Course for

#### Annual Refresher Programme In English Language Teaching

with a "B" Grade in the proctored examination held on 16.02.2020

Authorized Signatory of Institution (Course Coordinator) Gujarat University

Authorized Signatory of AICTE

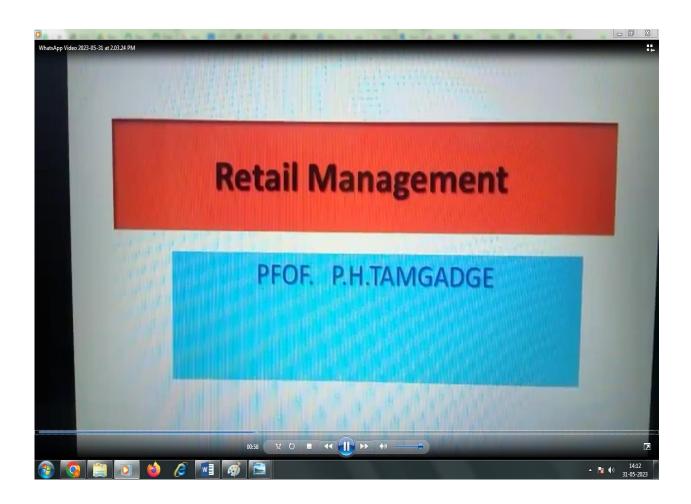


Date of Issue : 30/06/2020

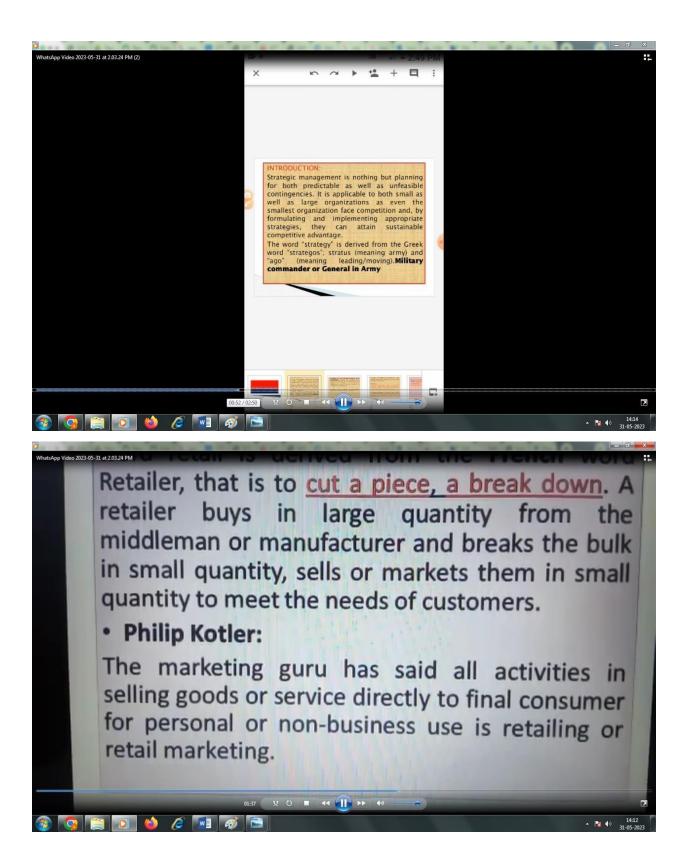
Career Advancement Scheme(CAS) promotion

**Gujarat University** 

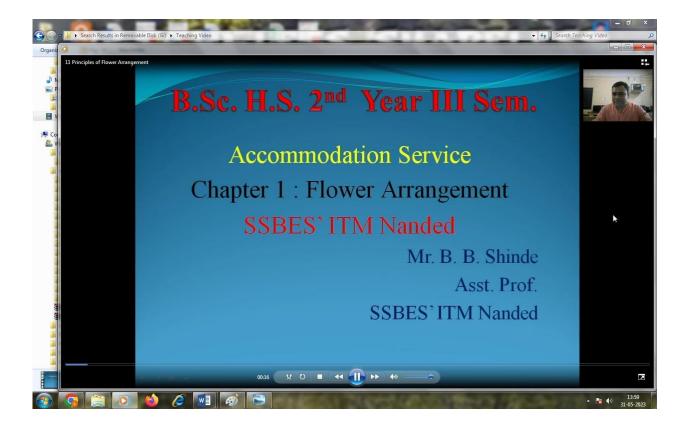
E-Content study material is developed by faculties of this institution and it is shred among the students through Google Classroom and Whats App groups. All the faculties prepared the video lectures of their respective subjects and students take advantage of this at their ease. Here are some of the photographs of video lecture E-Content prepared by the faculties.

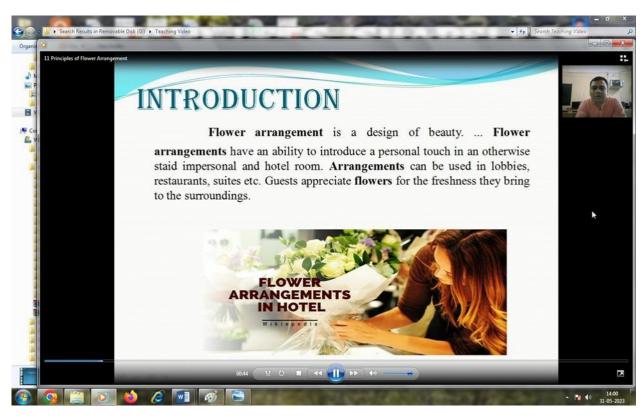




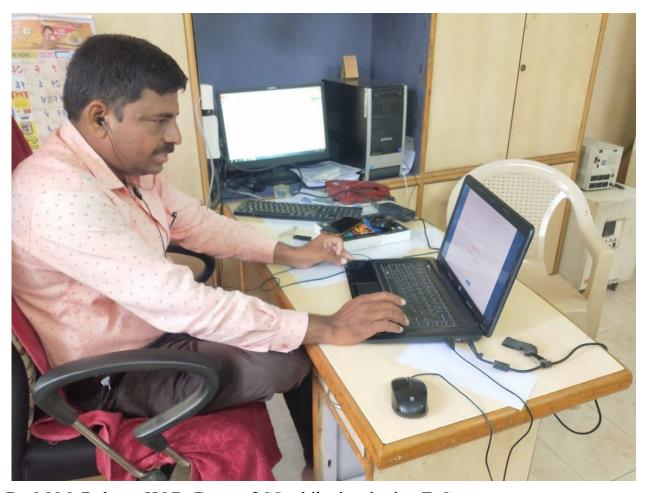


Dr. P. H. Tamgadge, Asst. Professor, Dept. of Management developed the E-Contents for subjects Retial Management and Stategic Management.





Mr. B. B. Shinde, Asst. Prof., Dept. of HS prepared videos on subject Accommodation Service.

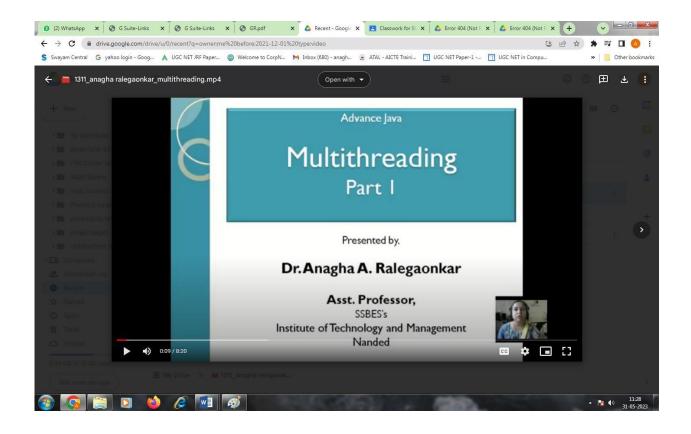


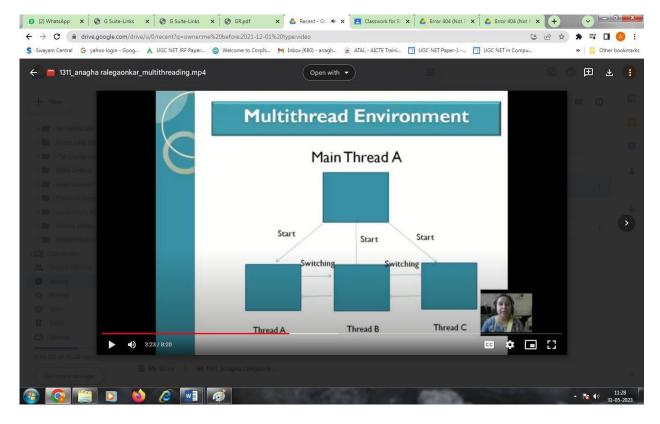
Dr. M.M. Bokare, HOD, Dept. of CS while developing E-Contents.



Mr. Shashank Thorat, Asst. Prof., Dept. of HS while creating his E-Content.







Dr. Anagha, Asst. Prof., Dept. of CS created the lecture videos for subject Advance Java and she shared that videos among students.

### **E-Content on YOU TUBE Channel:**

Because users spend a lot of time online and use social media as a source of information on issues they are interested in, social media has a growing impact on people's lives. One of the most widely used social media sites, YouTube, enables users to publish their videos online, create channels, and so build online communities that share common interests.

Some of the faculties from this institution took benefit of YOU TUBE Channel and shared their E-contents through the YOU TUBE channel.

Dr. P. B. Tamsekar, Asst. Prof., Dept. of CS, created you tube channel and he posted his lectures on Java through it.



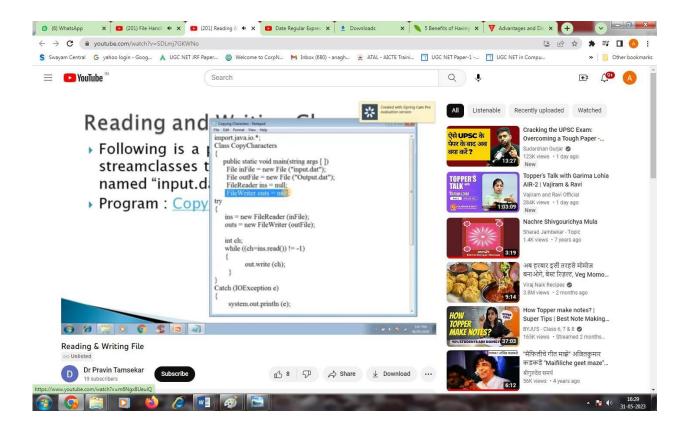
Dr. Pravin B. Tamsekar
Assistant Professor,
Department of Computer Science,
SSBES', Institute of Technology & Management, Nanded

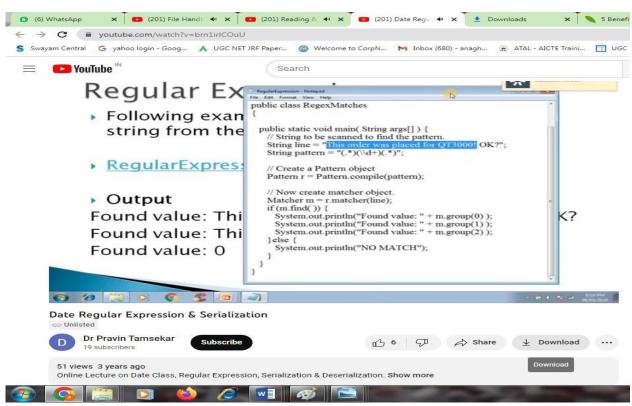
Pause (k)

Pause (k)

File Handling in Java

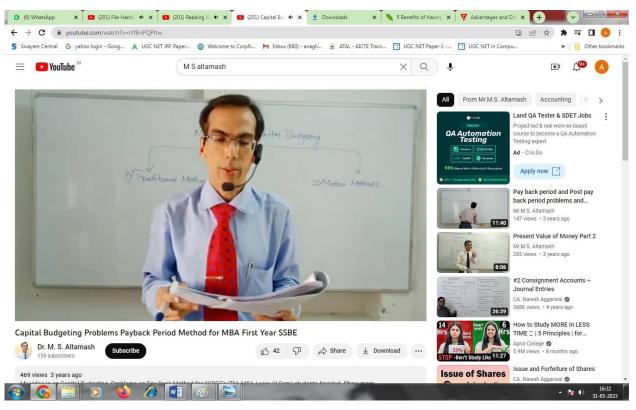




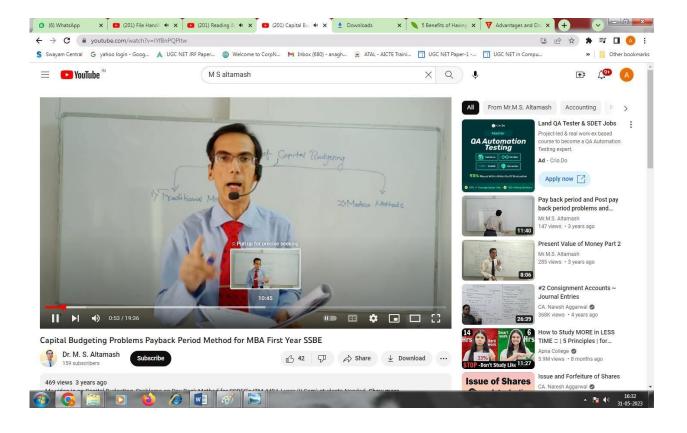


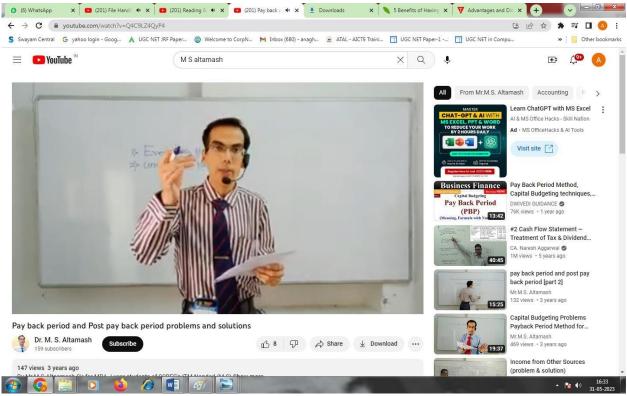
Dr. M.S. Altamash, HOD, Dept. of Management, took the advantage of You Tube channel to deliver his lecture contents to the students.



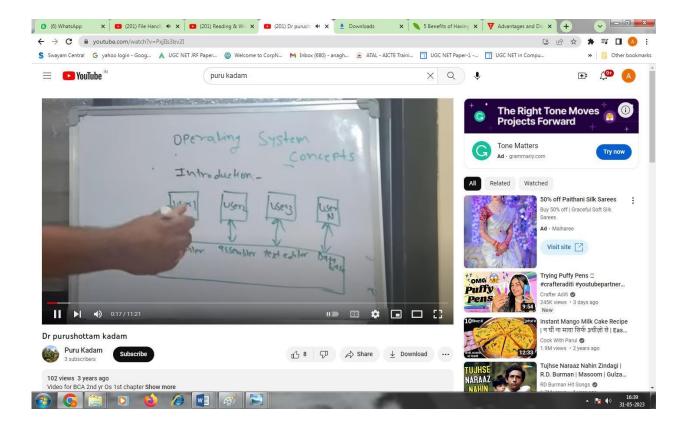




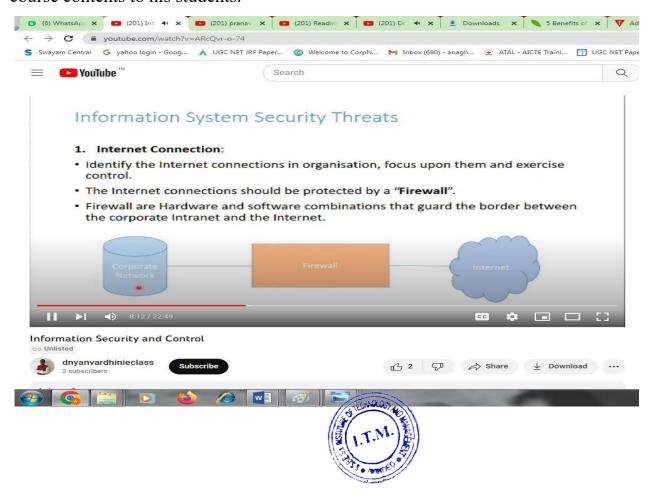




Dr. P.A. Kadam, Asst. Prof., Dept. of CS, used his You Tube channel to give his course materials to the students.



Mr. P.P. Joshi, Asst. Prof, Dept. of CS uses his YOU TUBE channel to give and explain course contents to his students.



# Information Security and Control

#### Presenter:

Mr. P. P. Joshi

Assistant Professor
Department of Computer Science
SSBES' Institute of Technology and Management, Nanded

## Information System Security Threats

### B. Internal Security Threats:

- Although, real threats for security comes from outside, but there might greatest chance of security threats comes from within organisation also.
- It is therefore, important that formal security policies/measures are carefully
  designed and followed to ensure best protection and prevent security breaches.
- The policies/measures need to be address the following aspects:

#### 1. Password:

- · Password should be at least six to eight characters in length.
- It should be neither the same as the users ID- nor be a common word.
- It should expire/change regularly and reuse of the older password should not be permitted.

#### 2. User Terminations:

 When user ceases to be an employee, intern, temporary associate or consultant/contractor, the user security administrator must be informed forthwith, so that the user id could be terminated.



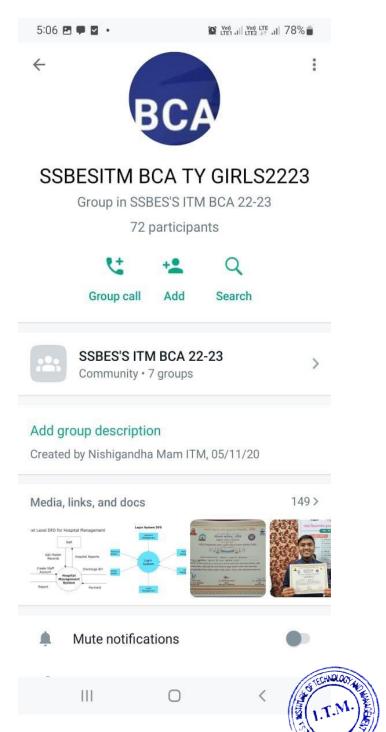


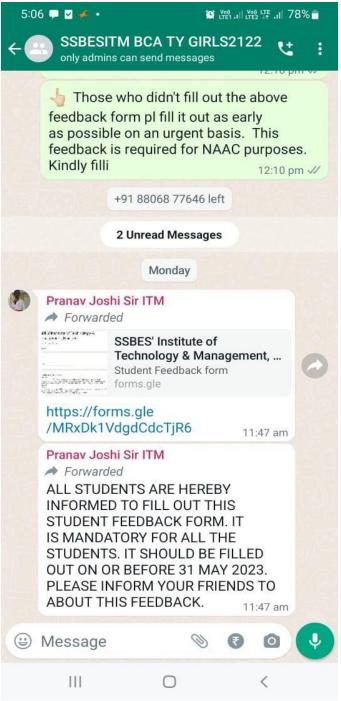


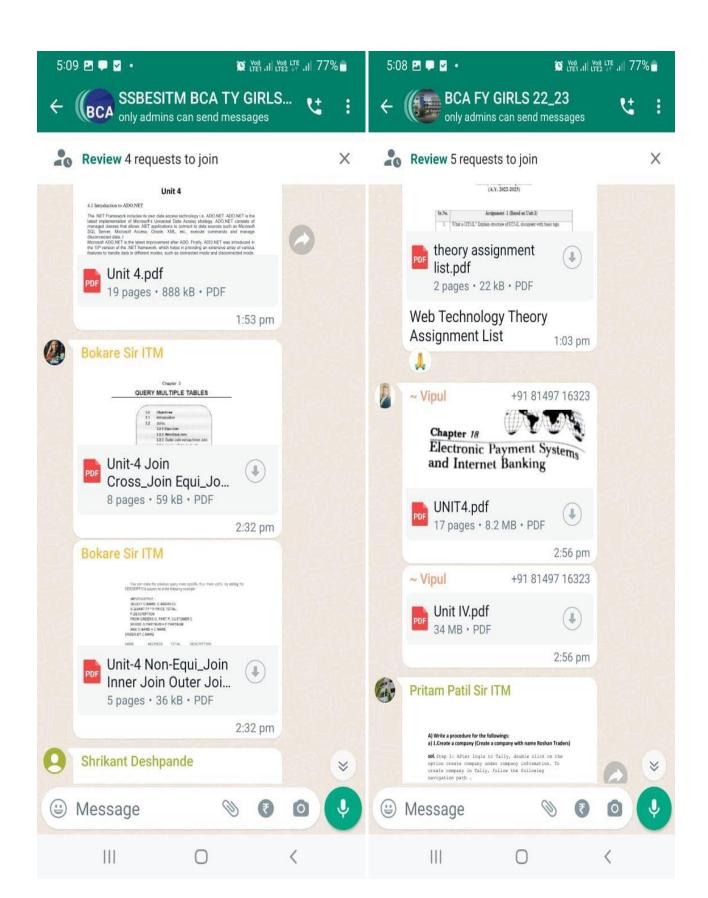


Students and teachers may communicate easily and whenever they want thanks to WhatsApp. It is perfect for usage in places with poor Internet access and in schools that have the essential digital resources for online instruction.

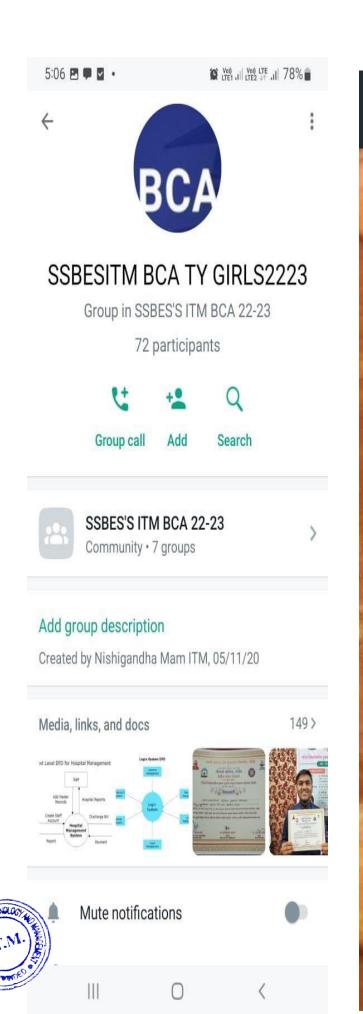
SSBES' ITM created WhatsApp group for all the classes. And the faculties share study material, important notices, and important instructions to the students with the help of these groups. Faculties also shared links of their online classes through these groups.



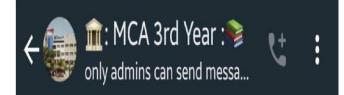












# Dr. Pravin Tamsekar

Join our Cloud HD Video Meeting

Zoom is the leader in modern ent... us04web.zoom.us

Dr Pravin Tamsekar is inviting you to a Online Class.

**Topic: Data Mining** 

Time: Feb 4, 2021 11:20 AM

Join Zoom Meeting
https://us04web.zoom.us
/j/79855757902?pwd=
R2FvZ2JHUEMrV25DZjRGU

