



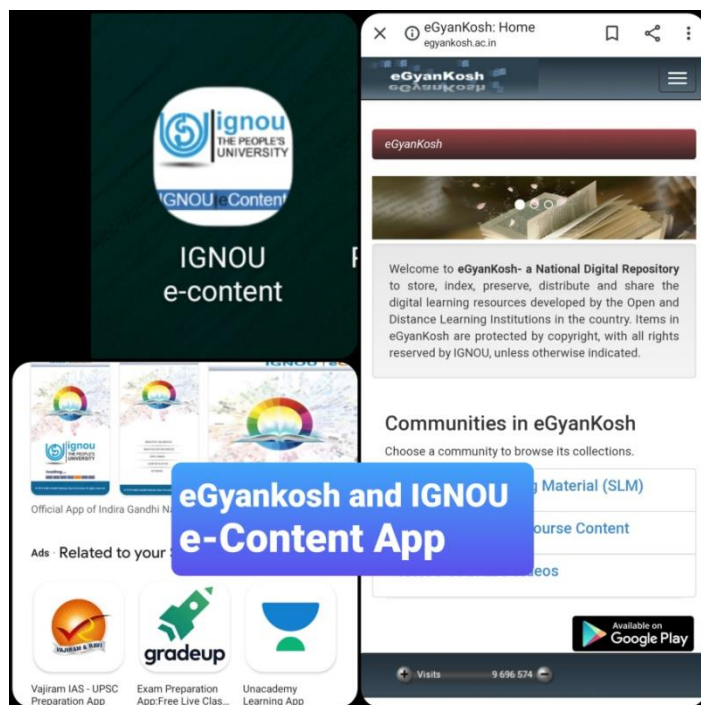
SOCIS ONLINE SUPPORT GUIDE

(Version 2.0, Dt: 12/04/2020)

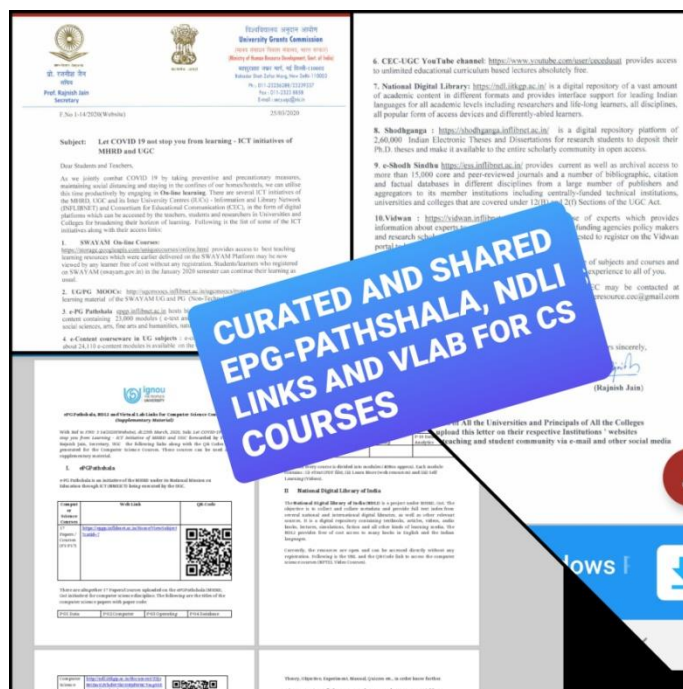
**(COMPILATION OF ONLINE INITIATIVES FOR SOCIS
PROGRAMMES TO PROVIDE SUPPORT TO STUDENTS
DURING THE COMPLETE LOCKDOWN
TO COMBAT COVID-19)**

**School of Computer and Information Sciences
Indira Gandhi National Open University
Maidangarhi, New Delhi – 110068 INDIA**

COURSE MATERIAL ON EGYANKOSH AND IGNOU-eContent APP



Course Material Repository eGyanKosh	http://www.egyankosh.ac.in/handle/123456789/380
IGNOU-eContent App	https://play.google.com/store/apps/details?id=ac.in.ignou.Viewer&hl=en



Curated and Shared ePG-Pathshala, National Digital Library of India and VLab Links for Computer Science Courses, as per the ICT Initiatives by MHRD and UGC Circular Dt: 25/03/2020 from Sh. Rajnish Jain, Secretary, UGC

ICT Initiative s Circular	https://drive.google.com/file/d/1_VUAYSJOPY0QsZuAb0o7MTtjAE0bJPZ/view?usp=sharing
National Digital Library Courses of India	http://ndl.iitkgp.ac.in/document/Z2JzN0ZmU2VhdW5kODBJdWRCTmg3SXVyVHdLSDhGekxrUitTVGRWZWZZYXo3U3NUdU13M0tjcKhSblRCSIJ1eQ
ePGPath shala,ND LI, Vlab Docume nt	https://drive.google.com/file/d/17PR9xcGVvHIymXdCmXhUKUgqy-YXYab8/view?usp=sharing



Regular LIVE sessions are happening through IGNOU – Official FB page and you may watch them at the following reference links.

Ignou Socis Official Facebook ID	https://www.facebook.com/ignou.socis.3
IGNOU Official Facebook ID @OfficialPageIGNOU	https://www.facebook.com/OfficialPageIGNOU/

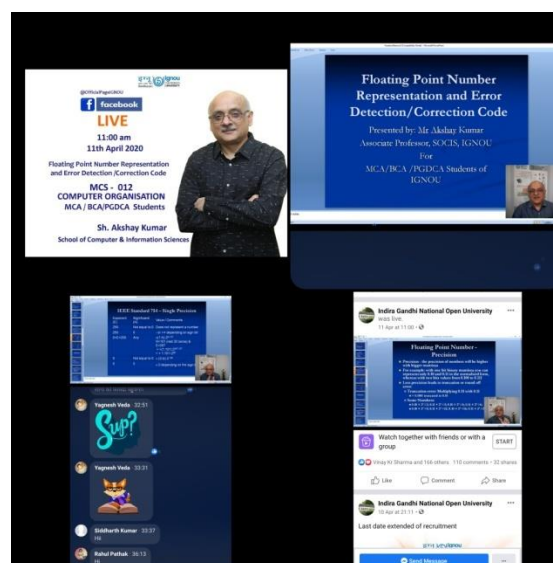
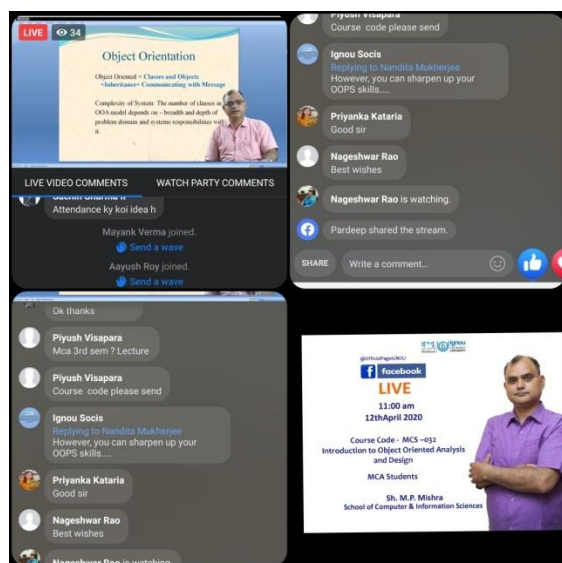
Links to Previous FB – Live Sessions

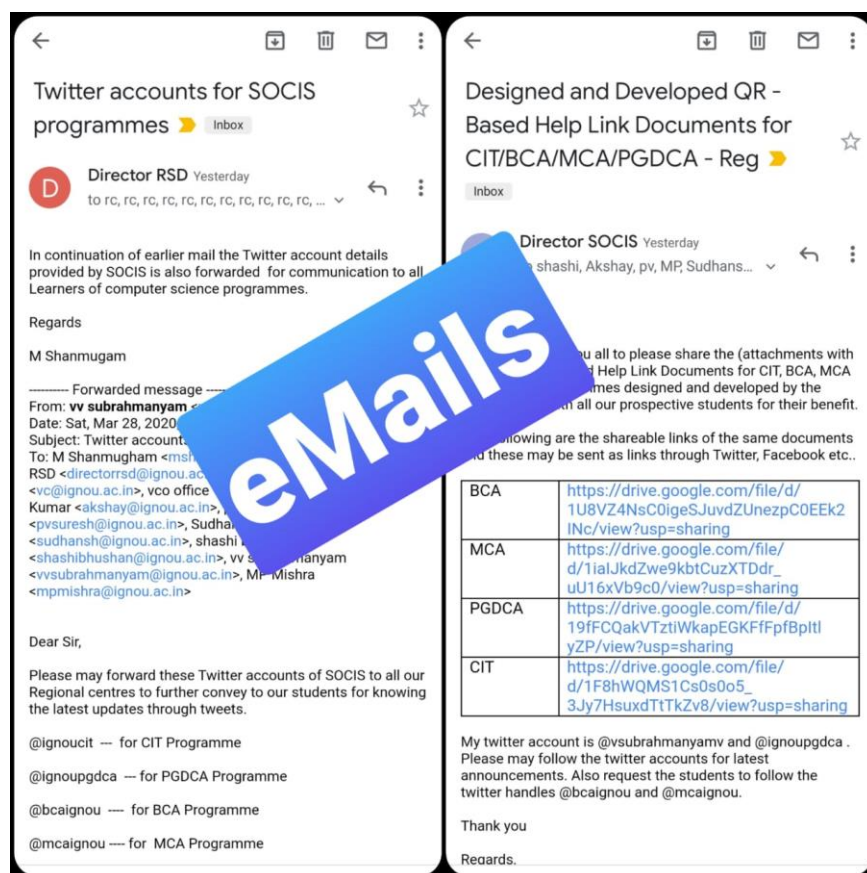


FB-Live (@OfficialPageIGNOU)

Date & Time	Faculty's Name	Topic	FB Live Session – Link and PPT link
05/04/2020 @11am	Prof V.V. Subrahmanyam	Online Initiatives for CIT, BCA, PGDCA and MCA Programmes	https://www.facebook.com/OfficialPageIGNOU/videos/2568063626768440/
06/04/2020 @11am	Sh. M. P. Mishra	Java Programming – Objects and Functions (MCS-024 Object Oriented Technologies and Java Programming)	https://www.facebook.com/OfficialPageIGNOU/videos/754848051716897/
07/04/2020 @11am	Sh.Akshay Kumar	The Basic Computer System and Fixed Point Numbers (MCS-012 Block-1, Unit-1 & 2)	https://www.facebook.com/OfficialPageIGNOU/videos/567832200754534/ PPT: https://drive.google.com/file/d/13qBCRp9XBzpWQO8M0FcLs41vDyXTRyX1/view?usp=sharing

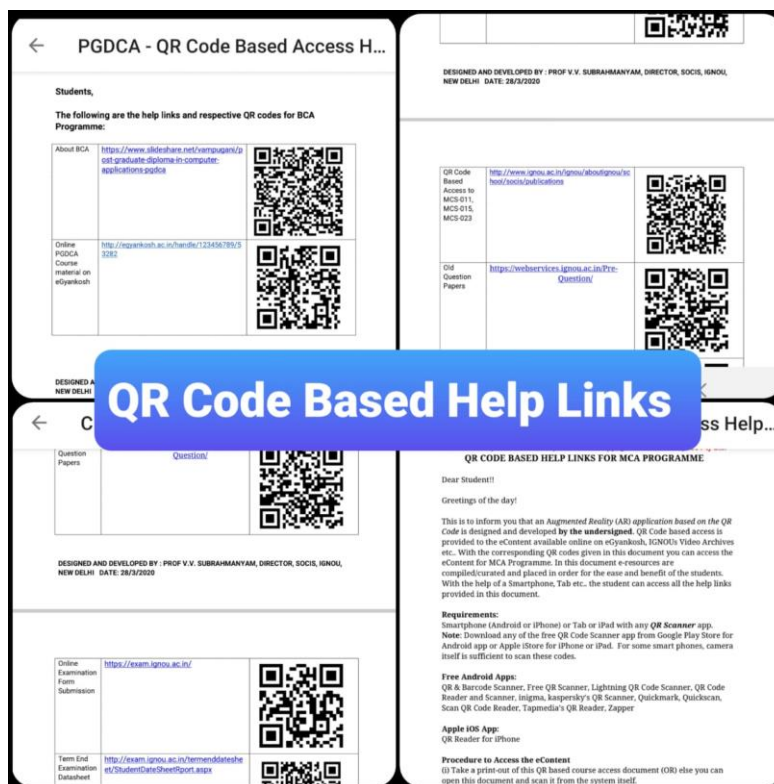
10/04/2020 @11am	Prof V.V. Subrahmanyam	Introduction to C Programming (MCS-011, Block-1, Unit – 1 to Unit – 4)	https://www.facebook.com/OfficialPageIGNOU/videos/1132444487148781/ PPT https://drive.google.com/file/d/1JvBv7Tgg_usXLCvp_HideSG4l8_E1cNf/view?usp=sharing&fbclid=IwAR1QMijW-E0LPpT0GItOJmb2W1ureQsGeWCutMWsKxfQrhCmrdoBprR9Io
11/04/2020 @11am	Sh. Akshay Kumar	Floating Point Number Representation and Error Detection /Correction Code	https://www.facebook.com/OfficialPageIGNOU/videos/179423369719644/ PPT: https://drive.google.com/file/d/1Tz8J2UI3ThU34q-DbkHFSMxvqWjiJl1K/view?usp=sharing
12/04/2020 @11am	Sh. M. P. Mishra	An Introduction to Object Oriented Analysis and Design	https://www.facebook.com/OfficialPageIGNOU/videos/211160610167487/ PPT https://drive.google.com/file/d/103OcvcccX7RLbZn10kOlJiQs5ISNpDPe/view?usp=sharing





SOCIS have official email accounts for all of its programmes apart from the individual faculty email-ids, using which the queries are been responded for the programmes by the programme coordinators regularly.

PROGRAMME	EMAIL-ID
CIT	cit@ignou.ac.in
BCA	bca@ignou.ac.in
PGDCA	pgdca@ignou.ac.in
MCA	mca@ignou.ac.in



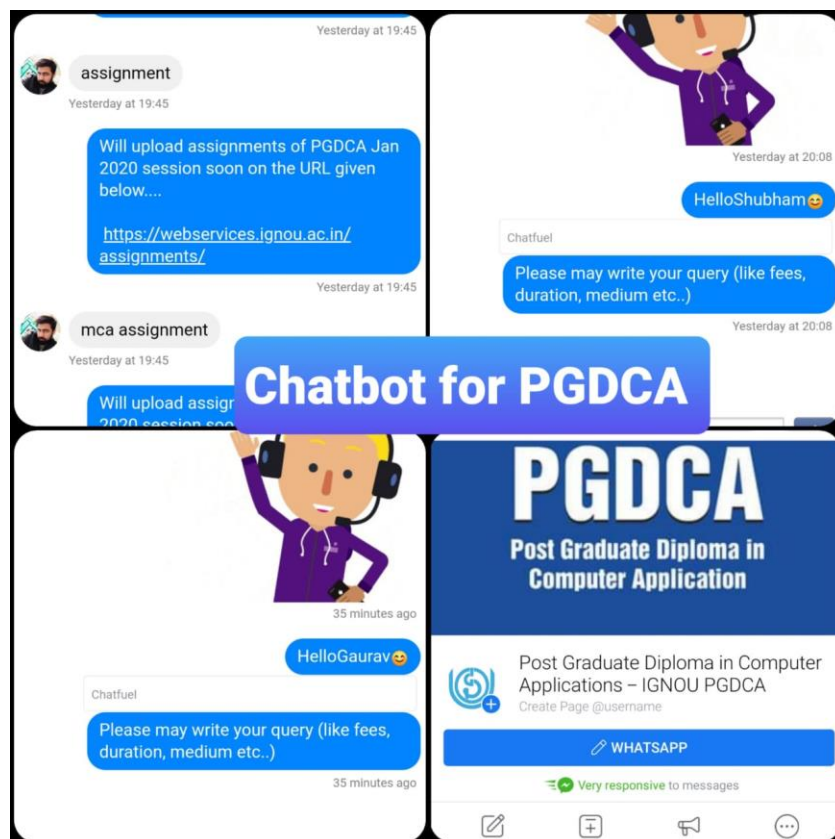
Quick Response Codes have been generated for all the HELP LINKS of the programme 's individually and are shared using the email account, Facebook and Twitter. The following are the shareable links:

BCA	https://drive.google.com/file/d/1U8VZ4NsC0igeSJuvdZUnezpC0EEk2INc/view?usp=sharing
MCA	https://drive.google.com/file/d/1iaIJkdZwe9kbtCuzXTDdr_uU16xVb9c0/view?usp=sharing
PGD CA	https://drive.google.com/file/d/19fFCQakVTztiWkapEGKFfFpfBpItlyZP/view?usp=sharing
CIT	https://drive.google.com/file/d/1F8hWQMS1Cs0s0o5_3Jy7HsuxdTtTkZv8/view?usp=sharing



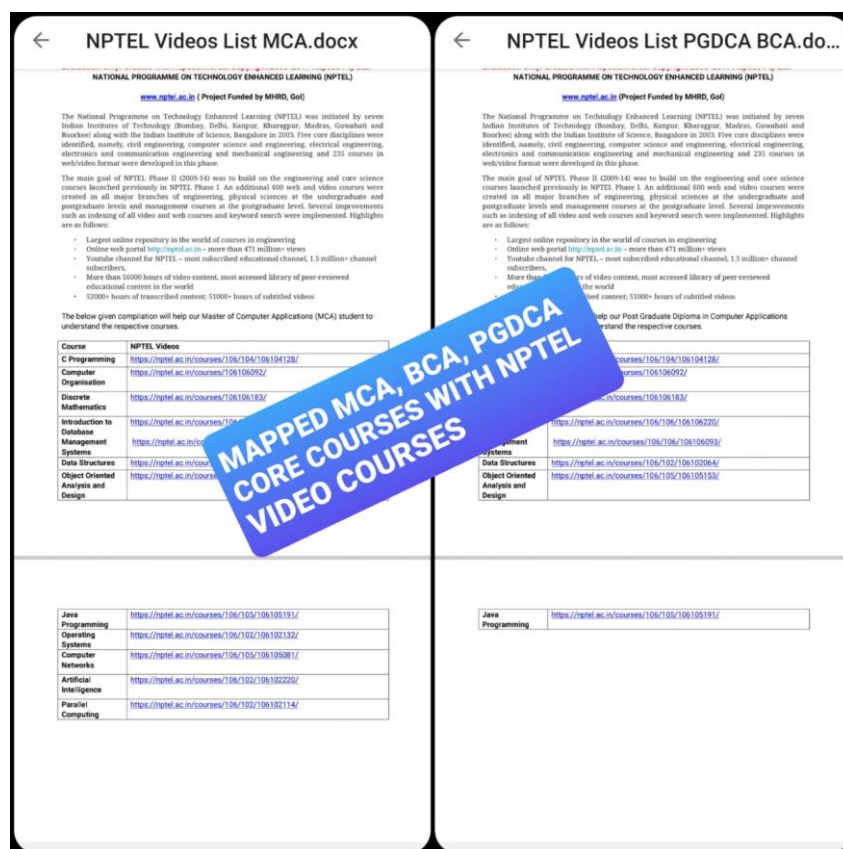
Programme Twitter accounts are been created apart from the individual personal twitter accounts and every piece of information is been shared via these handles:

Programme	Twitter Account
CIT	@ignoucit
PGDCA	@ignoupgdca
BCA	@bcaignou
MCA	@mcaignou



Using the following link auto-responses can be known through Chatbot meant for newly launched PGDCA standalone programme:

<https://m.me/105120687649801?ref=Welcome%20Message>



Curated the list of NPTEL Video Courses for some of the equivalent core courses of BCA, MCA and PGDCA . The programme-wise list is as follows:

MCA	https://drive.google.com/file/d/1-IXKzsn2zxPSQpHwS3Ix6XqxBljv7LUR/view?usp=sharing
PGDCA BCA	https://drive.google.com/file/d/1wH2yC4XyunNAcJLobFVD1ZPDGaWcG-g_/view?usp=sharing



- An IRC highlighting the Recent Online Initiatives taken by SOCIS for all its Programmes was organized by Prof V.V. Subrahmanyam, Director, SOCIS and Dr.K.D. Prasad, RSD on 30th March, 2020 from 3pm to 4pm
- Orientation programme for CIT students was conducted by the CIT Programme Coordinator Dr.Shashi Bhushan through Gyanvani / Gyandhara on 31st March, 2020 from 11am to 12 Noon which was also recorded and forwarded to RCs and Students through Twitter and Facebook.



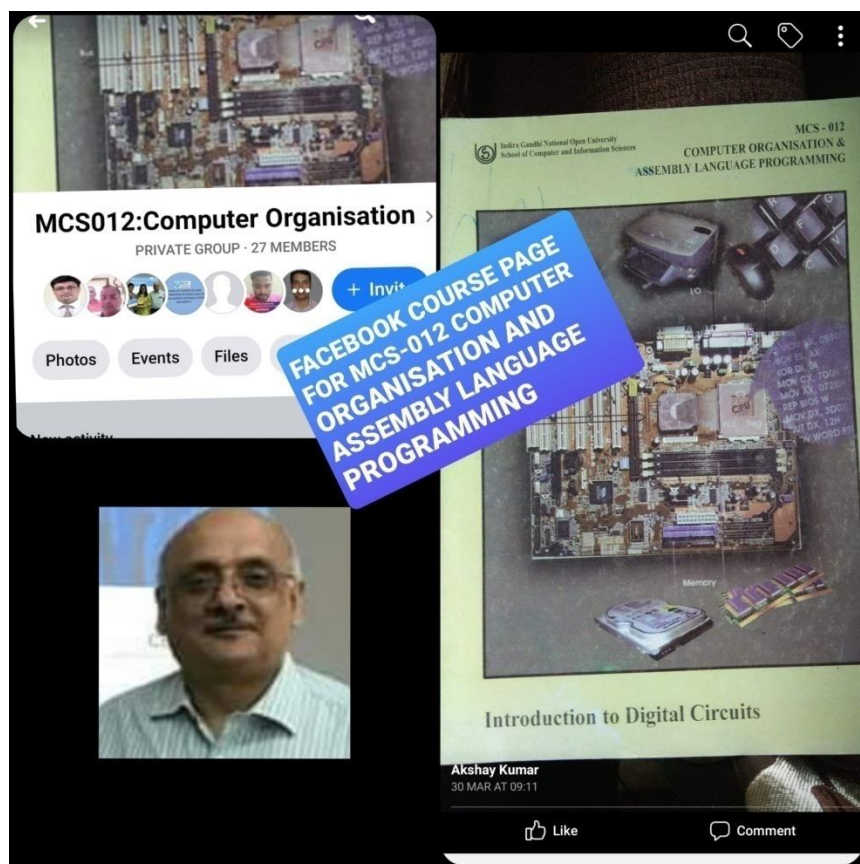
An **IGNOU-SOCIS** Facebook account was started and shared all the corresponding links with the students following it. Most of our Regional Centres have access to these shared documents on FB and further transmitted to the list of students following their RC Facebook account.

Also you can watch our IGNOU-Official Facebook Page for regular updates and FB-Live sessions.

Ignou Socis Official Facebook ID	https://www.facebook.com/ignou.socis.3
IGNOU Official Facebook ID @OfficialPageIGNOU	https://www.facebook.com/OfficialPageIGNOU/

Organised faculty meeting of SOCIS through ZOOM Meeting software....to work out the next week's course of action





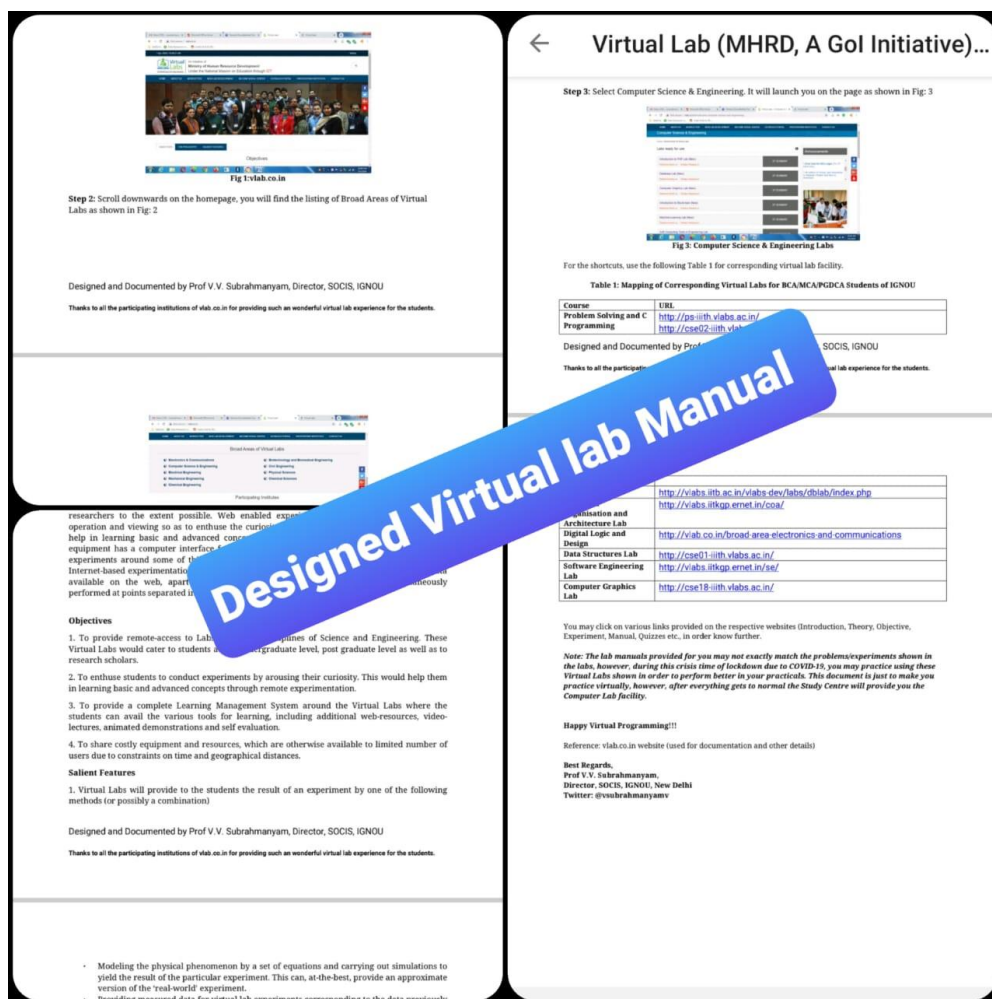
Sh. Akshay Kumar course coordinator of MCS-012 Computer Organisation and Assembly Language Programming has started a separate FaceBook Group Page for sharing the material and updates with students.

MCS012:Computer Organisation (Private Group)	https://www.facebook.com/groups/1512794318896495/
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Apart from programme Twitter handles, faculty of SOCIS are sending continuous updates using their personal Twitter Accounts.

Faculty	Twitter Account
Prof V.V. Subrahmanyam	@vsubrahmanyamv
Prof P. V Suresh	@pvsuresh_2000
Sh. Akshay Kumar	@akMcaBca
Sh. M.P.Mishra	@mpmishravns



Designed a Virtual Lab Manual mapping the virtual labs with some of our BCA, MCA and PGDCA lab courses with reference to vlab.co.in (An MHRD, GoI Initiative) and shared with all the Regional centres and posted it on the IGNOU-SOCIS FB page and also shared through Twitter for the benefit of the students to work with the labs.

Virtual Lab Manual	https://drive.google.com/file/d/1f1Z8LB9uJQqnMi3TgBmMFrhkWZthohLa/view?usp=sharing
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WEB REFERENCES FOR MCS-024, BCS-031 and BCSP-064

Course: MCS-024 (MCA 2nd Semester, PGDCA 2nd Semester and BCA 4th Semester)

1. Introduction to Java Programming
 1. <https://www.youtube.com/watch?v=mzR4nHramh0>
 2. <https://www.youtube.com/watch?v=7MhTsCq7aFM>
 3. https://www.youtube.com/watch?v=1V0_kZrsyYo
2. Interface in Java
 1. <https://www.youtube.com/watch?v=ve0OP60D1hM>
3. Java Security
 1. <https://www.youtube.com/watch?v=hjgEKucSuds>
4. JDBC (Java Programming)
 1. <https://www.youtube.com/watch?v=U56m1xwCmYQ>
 2. <https://www.youtube.com/watch?v=juQ1TRc3DLI>

For Course BCS-031 (BCA 3rd Semester) Eight Video Modules

Web Links:

1. <https://www.youtube.com/watch?v=ps09hYVvY>
2. https://www.youtube.com/watch?v=0EYwU_Ck8Q
3. <https://www.youtube.com/watch?v=4jicGH0LFAw>
4. https://www.youtube.com/watch?v=7s0BHRK_cY4
5. <https://www.youtube.com/watch?v=1ODW3c4FXIA>
6. <https://www.youtube.com/watch?v=shagpeWuQda>
7. <https://www.youtube.com/watch?v=hMeW0F3n1aE>
8. <https://www.youtube.com/watch?v=huuU2gduc>

For BCSP-064 4 Audio Modules Web Link of Playlist of 4 Audio Modules:

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Course: MCS-024 (MCA 2nd Semester, PGDCA 2nd Semester and BCA 4th Semester)

1. Introduction to Java Programming
 1. <https://www.youtube.com/watch?v=mzR4nHramh0>
 2. <https://www.youtube.com/watch?v=7MhTsCq7aFM>
 3. https://www.youtube.com/watch?v=1V0_kZrsyYo
2. Interface in Java
 1. <https://www.youtube.com/watch?v=ve0OP60D1hM>
3. Java Security
 1. <https://www.youtube.com/watch?v=hjgEKucSuds>
4. JDBC (Java Programming)
 1. <https://www.youtube.com/watch?v=U56m1xwCmYQ>
 2. <https://www.youtube.com/watch?v=juQ1TRc3DLI>

Course: MCS-032 Course (MCA 3rd Semester)

3. Link of NPTEL Course on Object Oriented Analysis and Design:
 4. <https://nptel.ac.in/courses/106105153/>

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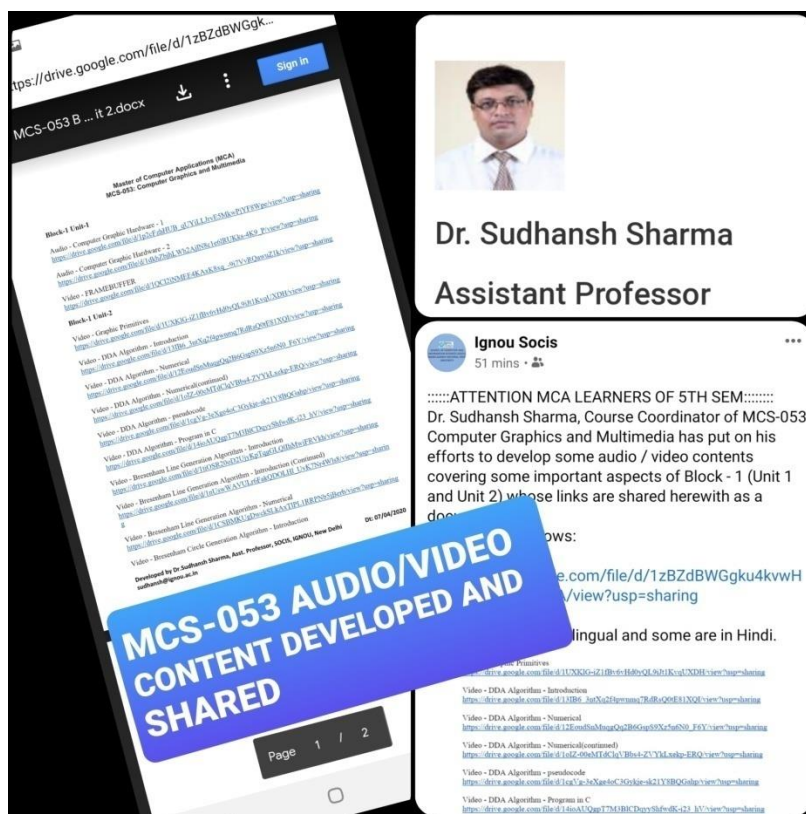
For CIT-001 Course

1. Flowchart and Algorithms
 1. <https://www.youtube.com/watch?v=ps09hYVvY>

Coursewise Help Links Created by Course-Cordinators

Coursewise Help Links Provided by the Course Coordinators Concerned

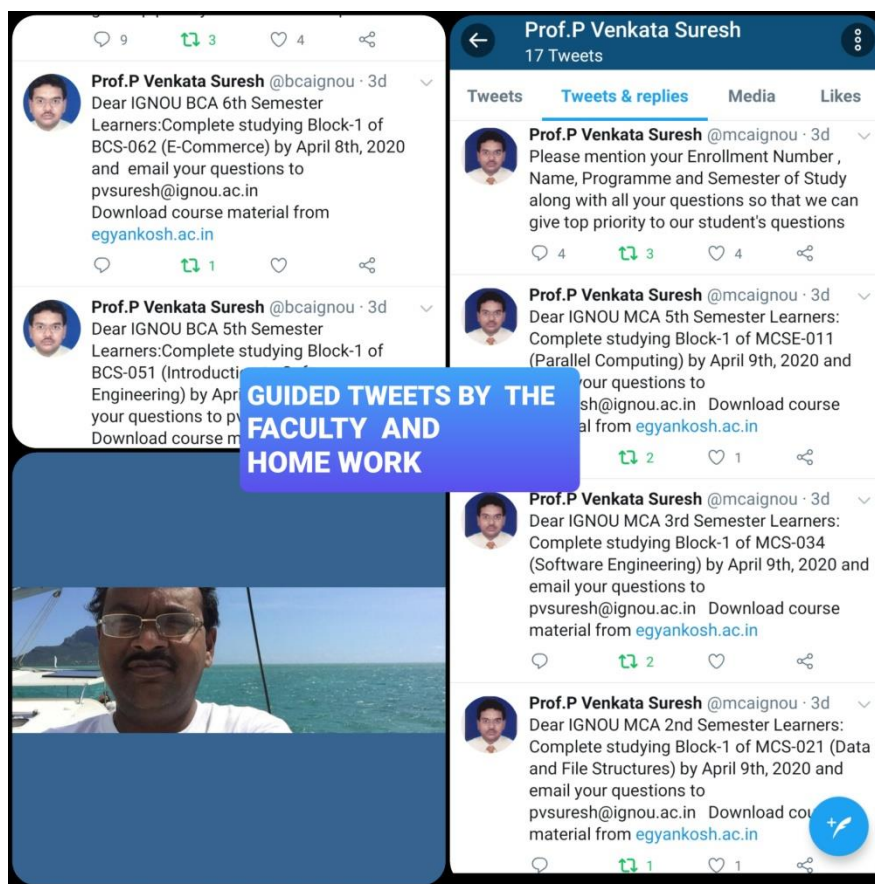
PGDCA, BCA (BCS-031, BCSP-064, MCS-024)	https://drive.google.com/file/d/1RqA347KLHqITc47cJqt15fWVUmqXQSbs/view?usp=sharing
MCA(MCS-024, MCS-032)	https://drive.google.com/file/d/1FoY-SUkJurO2f78KktFJEk_Nn5L7y3Vn/view?usp=sharing
CIT-001	https://drive.google.com/file/d/1tg9V1VfZgx86-O-VujwvDNO9uKnqTFBb/view?usp=sharing



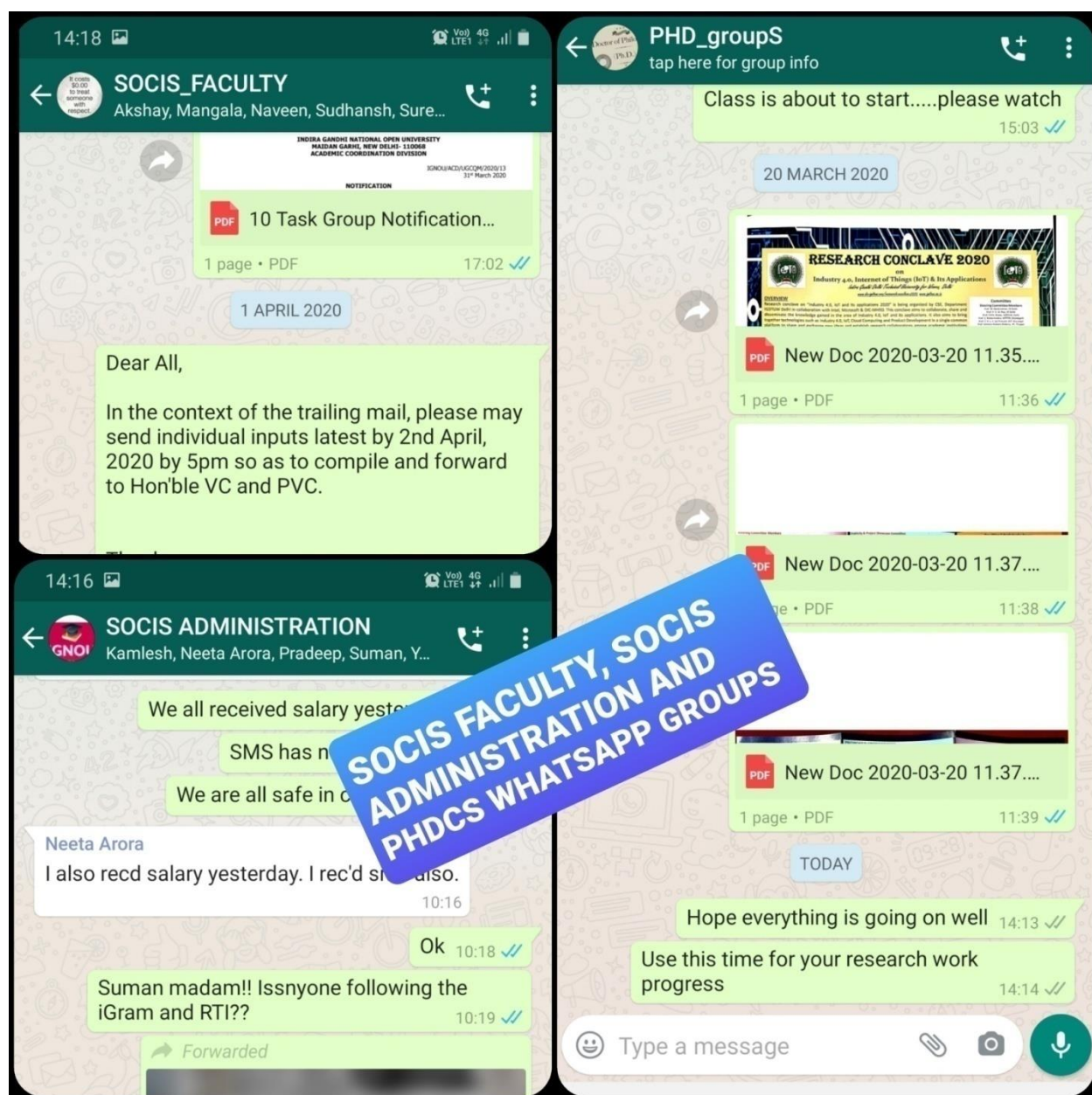
Audio and Video Components Developed and shared for the course

MCS-053 (Computer Graphics and Multimedia) - Block – 1 Unit – 1 & 2

MCS-053 (Blk – 1 Unit – 1 & 2)	https://drive.google.com/file/d/1zBZdBWGgku4kvwH1Fdpl62O6CrkIneyA/view?usp=sharing
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Coursewise Help and Guided Tweets through @bcaignou, @ignoupdca and @mcaignou and also forwarding homework



Separate Whatsapp Groups were created for SOCIS Faculty, SOCIS Administration for internal communication

Separate Whatsapp Group created for SOCIS-PhD(CS) scholars for forwarding them research related documents and information

← PPTS FOR SOME OF THE COURSE...

**POWERPOINT PRESENTATIONS FOR MCS-011
AND MCS-041 OF THE COURSES OF BCA
PGDCA AND MCA**

MCS-011 PROBLEM SOLVING AND PROGRAMMING

Introduction to C Programming	https://www.slideshare.net/vampugani/introduction-to-c-programming-f7qid-c26a1e1a-sche-4f75-b8ab-11d3a055244b&v=8b-8&from_search=3
Control Statements and Functions in C	https://www.slideshare.net/vampugani/control-statements-and-functions-in-c
Arrays in C Programming	https://www.slideshare.net/vampugani/arrays-in-c-79444115
String Handling in C Programming	https://www.slideshare.net/vampugani/strings-in-c-79444142

**Powerpoint Presentations for
Some Courses of BCA, MCA
and PGDCA**

MCS-041 OPERATING SYSTEMS

Operating Systems	https://www.slideshare.net/vampugani/operating-systems-79552190
Introduction to Operating Systems	https://www.slideshare.net/vampugani/introduction-to-os-79552230

Powerpoint Presentations for some of the BCA, MCA and PGDCA were shared with the Regional Centres and Students

PPTs	https://drive.google.com/file/d/1XN7ajybr4KjH9wOQF8TgA4kGHII7tssN/view?usp=sharing
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← MCS-023 DBMS List of Videos.docx

Microsoft Word - MCS-023 DBMS List of Videos.docx

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Sl. #	Name of the Faculty	Title of the Video	Web link
1	Prof V.V. Subrahmanyam	DBMS - Introductory Concepts	https://youtu.be/EPF7agw028M
2	Prof V.V. Subrahmanyam	Elements of DBMS	https://youtu.be/As2741a8pQ0
3	Prof V.V. Subrahmanyam	Types of Databases and Data Models	https://www.youtube.com/watch?v=h3Kp02L
4	Prof V.V. Subrahmanyam	Relational Databases and Overview of DB Design	https://www.youtube.com/watch?v=h3Kp02L
5	Prof V.V. Subrahmanyam	Various Key Constraints in RDBMS	https://youtu.be/gH8Ufhw7Y0g
6	Prof V.V. Subrahmanyam	Anomalies and Normalization	https://youtu.be/7H8Ufhw7Y0g
7	Prof V.V. Subrahmanyam	File Organization - I	https://youtu.be/7H8Ufhw7Y0g
8	Prof V.V. Subrahmanyam	File Organization - II	https://youtu.be/7H8Ufhw7Y0g
9	Prof V.V. Subrahmanyam	Search Strategy - I	https://youtu.be/7H8Ufhw7Y0g
10	Prof V.V. Subrahmanyam	Search Strategy - II	https://youtu.be/7H8Ufhw7Y0g

List of 20 Videos for Introduction to DBMS MCS-023 Course

13	Prof V.V. Subrahmanyam	Types of SQL Commands and Introduction to MySQL	https://youtu.be/2m2W86uK0
14	Prof V.V. Subrahmanyam	Introduction to MySQL Commands - I	https://youtu.be/7G8Ufhw7Y0g
15	Prof V.V. Subrahmanyam	Introduction to MySQL Commands - II	https://youtu.be/7G8Ufhw7Y0g
16	Prof V.V. Subrahmanyam	Introduction to MySQL Commands - III	https://youtu.be/7G8Ufhw7Y0g
17	Prof V.V. Subrahmanyam	Introduction to MySQL Commands - IV	https://youtu.be/7G8Ufhw7Y0g
18	Prof V.V. Subrahmanyam	Introduction to MySQL Commands - V	https://youtu.be/7G8Ufhw7Y0g
19	Prof V.V. Subrahmanyam	Database Recovery	https://youtu.be/7G8Ufhw7Y0g
20	Prof V.V. Subrahmanyam	Transaction Management, Concurrency Control and Recovery	https://youtu.be/7G8Ufhw7Y0g

List of 20 Videos for Introduction to Database Management Systems (MCS-023) course were shared

LIST OF 20
VIDEOS for
DBMS Course
(MCS-023)

<https://drive.google.com/file/d/1YiX5L-wfWBn9hir-dJaHV2w9aKjYwIkw/view?usp=sharing>

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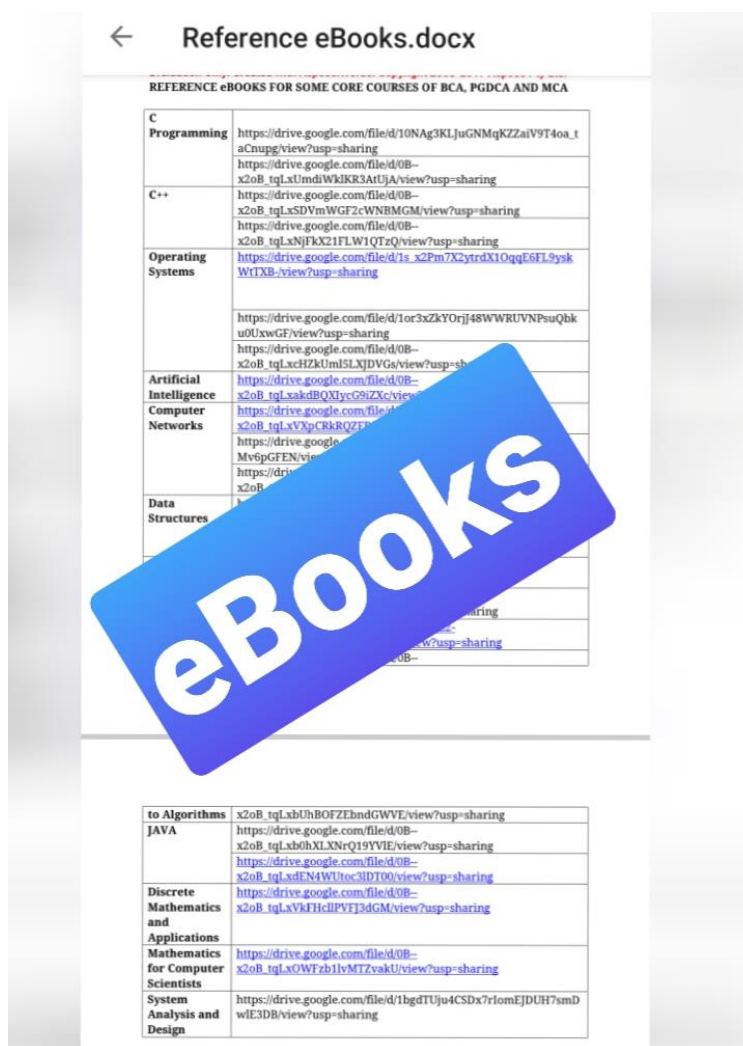
AUDIO TRACKS FOR MCS-015 COMMUNICATION SKILLS COURSE

All Tracks	https://soundcloud.com/search?q=MCS-015
Track - 01 & 02	https://soundcloud.com/venkata-subrahmanyam-vampugani/track-1-and-track-2
Track - 03	https://soundcloud.com/venkata-subrahmanyam-vampugani/track-3
Track - 04	https://soundcloud.com/venkata-subrahmanyam-vampugani/track-4
Track - 05	https://soundcloud.com/venkata-subrahmanyam-vampugani/track-5
Track - 06	https://soundcloud.com/venkata-subrahmanyam-vampugani/track-6
Track - 07	https://soundcloud.com/venkata-subrahmanyam-vampugani/track-7
Track - 08	https://soundcloud.com/venkata-subrahmanyam-vampugani/track-8
Track - 09	https://soundcloud.com/venkata-subrahmanyam-vampugani/track-9
Track - 10	https://soundcloud.com/venkata-subrahmanyam-vampugani/track-10

Audio Tracks for Communication Skills MCS-015 Course

List of 10 Audio Tracks for Communication Skills (MCS-015) course were shared.

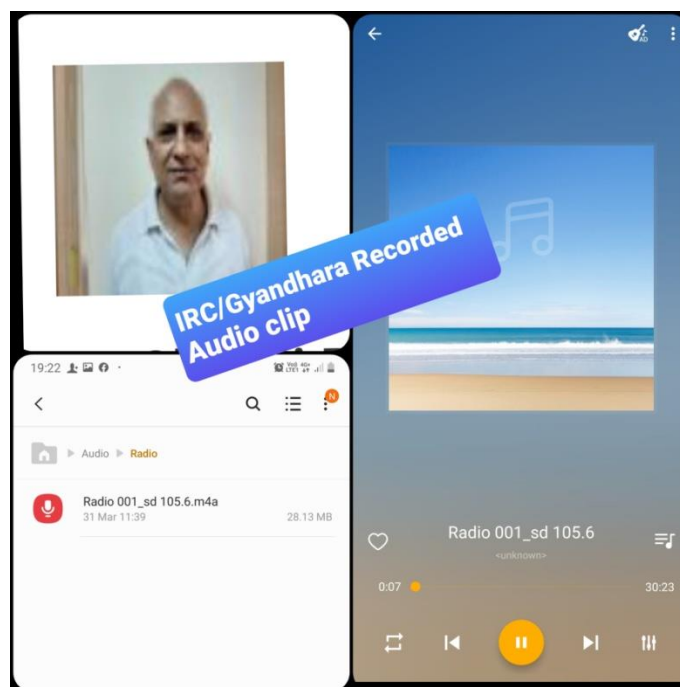
MCS-015 (TRACKS 1 -10)	https://drive.google.com/file/d/1saPNwaRs84iTdcGg3AoEhLpFhnoWCenJ/view?usp=sharing
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List of eBooks were shared

eBooks	https://drive.google.com/file/d/1qK47Hc-C3hgqxqQhHDOcBzyj84SQQgAZH/view?usp=sharing
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CIT Orientation Audio clip of 31st March, 2020 and CIT Programme Guide (Revised) was shared



Audio Clip of CIT Orientation Programme on 31 st March, 2020	https://soundcloud.com/venkata-subrahmanyam-vampugani/cit-orientation-programme-on-31-03-2020
CIT Programme Guide – Revised	https://drive.google.com/file/d/1_zsZ6mB7nJFbPZC9hmNXOe-7z_7BD5zf/view?usp=sharing
CIT-001	https://drive.google.com/file/d/1tg9V1VfZgx86-O-VujwvDNO9uKnqTFBb/view?usp=sharing

FACULTY OF SOCIS, IGNOU, NEW DELHI

Prof V.V. Subrahmanyam, Director
Prof P. V. Suresh
Dr. Shashi Bhushan, Associate Professor
Sh. Akshay Kumar, Associate Professor
Dr. Naveen Kumar (on EOL)
Sh. M. P. Mishra, Associate Professor
Dr. Sudhansh Sharma, Assistant Professor

:::::::::FACEBOOK LIVE SESSIONS:::::::::

**Planning for more FB-Live
Sessions.....**

**Please watch Facebook Pages:
@OfficialPageIGNOU
And Ignou Socis**