



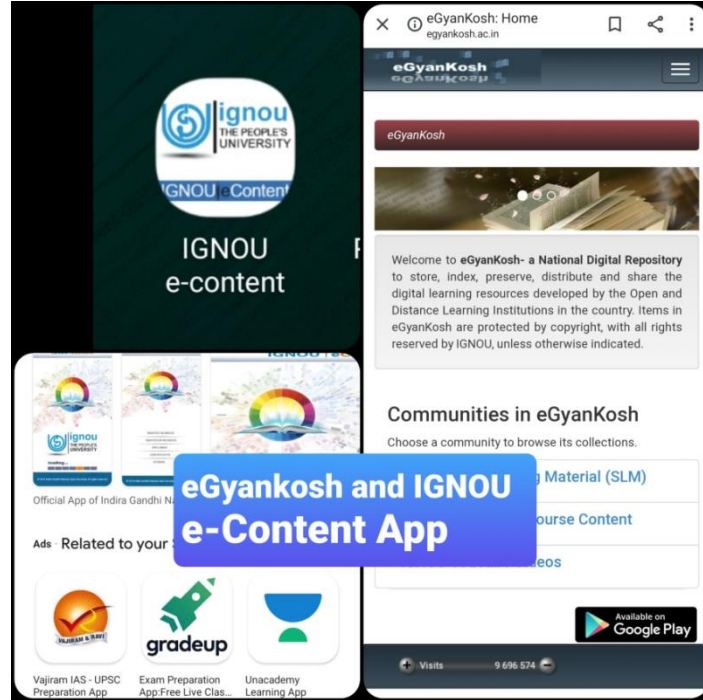
SOCIS ONLINE SUPPORT GUIDE

(Version 4.0)

**(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



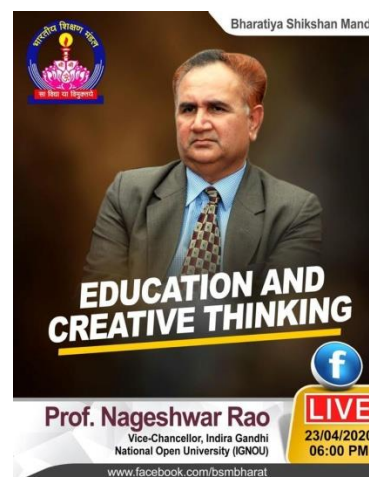
| | |
|---|---|
| Course Material Repository eGyanKosh | http://www.egyankosh.ac.in/handle/123456789/380 |
| IGNOU-eContent App | https://play.google.com/store/apps/details?id=ac.in.ignou.Viewer&hl=en |

RECORDED AUDIO CLIP OF PROF. NAGESHWAR RAO, HON'BLE VC, IGNOU, ADDRESSING STUDENTS ON 25/04/2020 THROUGH GYANVANI/GYANDARSHAN/GYANDHARA



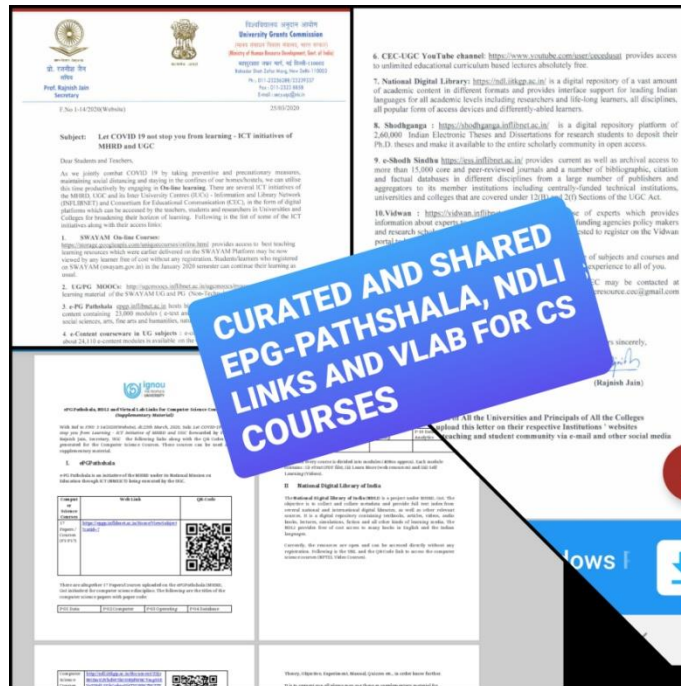
| | |
|-------------------|---|
| Audio Clip | https://drive.google.com/open?id=1B1jKURxsS4vMheCD6-73d6FmHJfkUYCV |
|-------------------|---|

FB – Live Sessions by Minister of HRD and Hon'ble VC, IGNOU, New Delhi



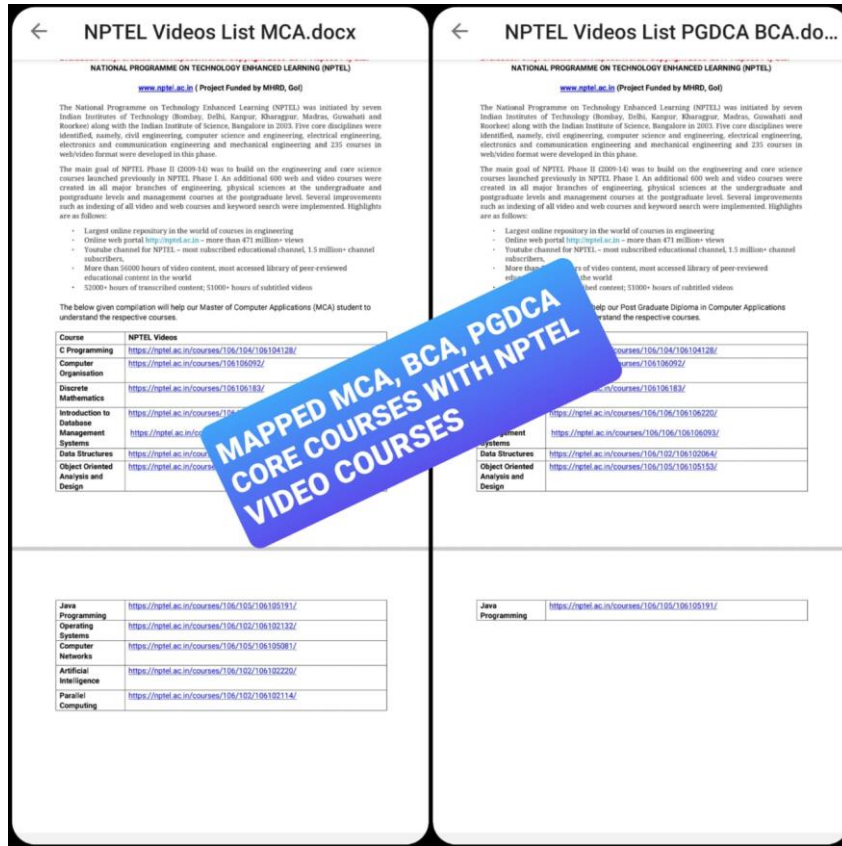
| | | | |
|--------------------|---|--|---|
| 23/04/2020 @5.30pm | Prof. Nageshwar Rao, Hon'ble VC, IGNOU | Education and Creative Thinking | https://www.facebook.com/bsmbharat/videos/231620201245237/ |
| 05/05/2020 @10am | Prof Nageshwar Rao, Hon'ble VC, IGNOU | FB-Live Session Addressing Students of IGNOU | https://www.facebook.com/OfficialPageIGNOU/videos/1155149394840108/ |
| 05/05/2020 @12Noon | Dr. Ramesh Pokhriyal, Hon'ble Minister of HRD | Interaction with the Students | https://www.facebook.com/cmishank/videos/237064767407579/ |

CURATION OF ePG-PATHSHALA, NATIONAL DIGITAL LIBRARY OF INDIA AND VIRTUAL LAB LINKS FOR COMPUTER SCIENCE COURSES AS PER THE ICT INITIATIVES BY MHRD AND UGC CIRCULAR DATED: 25/03/2020 FROM SH. RAJNISH JAIN, SECRETARY, UGC



| | |
|---|---|
| ICT Initiatives 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 |
| ePGPathshala,NDLI, Vlab Document | https://drive.google.com/file/d/17PR9xcGVvHlymXdCmXhUKUggy-YXYab8/view?usp=sharing |

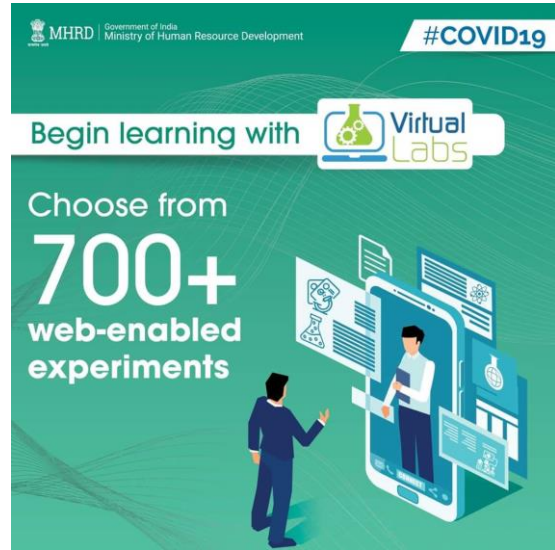
CURATION OF NPTEL VIDEO COURSES FOR SOME OF THE EQUIVALENT CORE COURSES OF BCA / PGDCA / MCA



The programme-wise list is as follows:

| | |
|----------------------|---|
| MCA | https://drive.google.com/file/d/1-IXKzsn2zxPSQpHwS3Ix6XqxB1jv7LUR/view?usp=sharing |
| PGDCA BCA | https://drive.google.com/file/d/1wH2yC4XyunNAcJLobFVD1ZPDGaWcG-g_/view?usp=sharing |

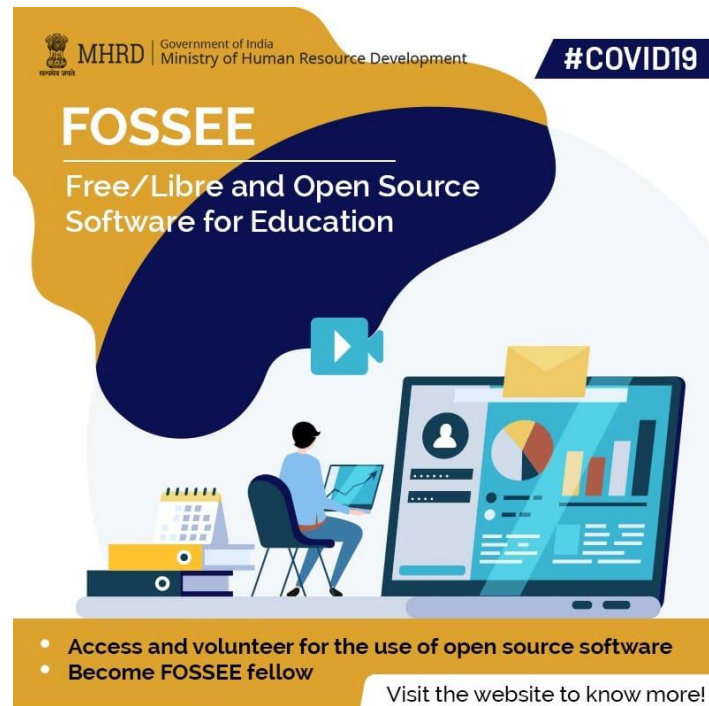
VIRTUAL LABS MAPPED TO BCA/PGDCA/MCA COURSES (FOR PRACTICAL COURSES)



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 |
|---------------------------|---|

**SPOKEN TUTORIALS FROM FOSSEE (MHRD, GoI INITIATIVE)
(VERY HELPFUL FOR PRACTICAL COURSES)**




| | |
|--|--|
| <p>SPOKEN TUTORIALS FROM FOSSEE (MHRD, GoI)</p> | <p>https://drive.google.com/file/d/111PB5GaUP_FOnlnbWp76tI9I3SSiw5r/view?usp=sharing</p> |
|--|--|

CURATION OF QUICK REFERENCE CARDS FOR SOCIS PRACTICAL COURSES

1 | Page

QUICK REFERENCE CARDS

CURATION OF QUICK REFERENCE CARDS FOR SOCIS PROGRAMMING COURSES

| QUICK REFERENCE CARDS FOR COURSES / PROGRAMMING / CONCEPTS | URL FOR PROJECT GUIDELINES | QR CODE |
|--|---|--|
| ASSEMBLY LANGUAGE PROGRAMMING 8086 BASIC LINUX COMMANDS C POINTERS C PROGRAMMING COMPUTER NETWORKS C++ CSS-2 GOOGLE DOCS HTML 5 JAVA FUNDAMENTALS JAVA SCRIPT LINUX | https://drive.google.com/open?id=1vBlhHGo-Vk4o8CGAbCX6HKKYdNa8HfOD |  |

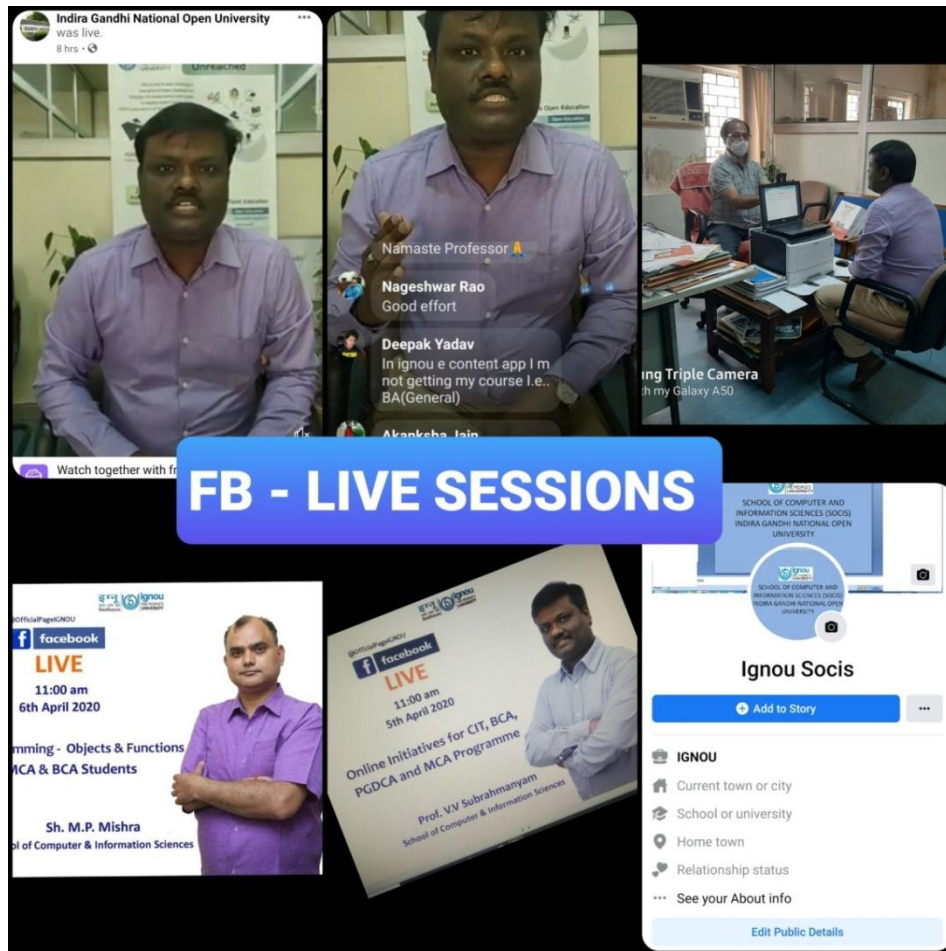
| | |
|--|---|
| QUICK REFERENCE CARDS FOR PRACTICAL COURSES | https://drive.google.com/open?id=1vBlhHGo-Vk4o8CGAbCX6HKKYdNa8HfOD |
|--|---|

**RESOURCES FROM COMMON WEALTH OF LEARNING (COL) DURING COVID-19
(COMPUTER SCIENCE / TECHNOLOGY)**

Keeping the doors of learning open COVID-19



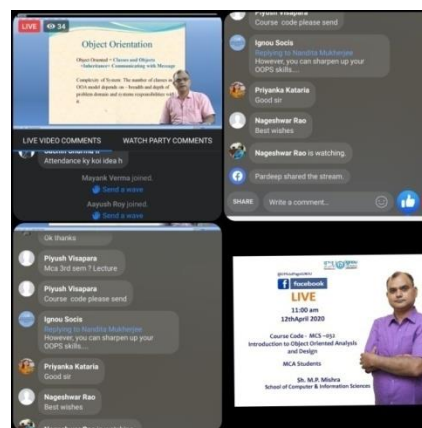
| | |
|--------------------------|---|
| COL RESOURCES | https://drive.google.com/open?id=1FmPCDU6MVTU2vBTUExEK5FmVpn9TKUxA |
|--------------------------|---|



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

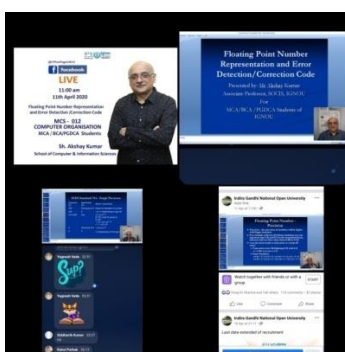


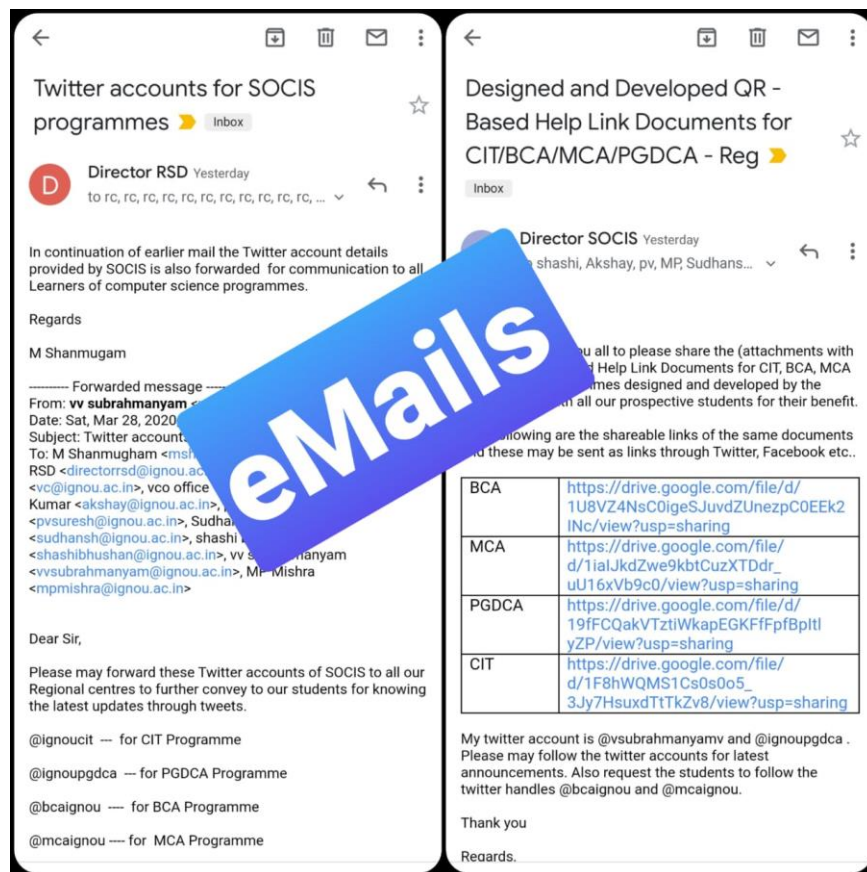
LIST OF FB-Live (@OfficialPageIGNOU) SESSIONS

| Date & Time | Faculty's Name | Topic | 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/ |
| 10/04/2020 @ 11am | Prof. V.V. Subrahmanyam | An Introduction to C (MCS-011, Blk-1 Unit 1 to Unit 4) | https://www.facebook.com/OfficialPageIGNOU/videos/1132444487148781/ PPT https://drive.google.com/file/d/1JvBv7Tqg_usXLCvp_HideSG418_E1cNf/view?usp=sharing |
| 11/04/2020 @ 11am | Sh. AKshay Kumar | Floating Point Number Representation and Error Detection /Correction Code(MCS-012, Block – 01) | https://www.facebook.com/OfficialPageIGNOU/videos/179423369719644/ |
| 12/04/2020 @ 11 am | Sh. M. P. Mishra | An Introduction to Object Oriented | https://www.facebook.com/OfficialPage |

| | | | |
|----------------------|---|---|---|
| | | Analysis and Design (MCS-024) | IGNOU/videos/211160610167487/ PPT https://drive.google.com/file/d/103OcvccX7RLbZn10kOIJiQs5ISNpDPe/view?usp=sharing |
| 17/04/2020 @ 11am | Prof. V.V. Subrahmanyam | Control Statements, Arrays and Functions in C Programming (MCS-011, Block-02) | https://www.facebook.com/OfficialPageIGNOU/videos/695206117905326/ PPT https://drive.google.com/file/d/1W_P2JKEaGpLnbIPQahVxyJALX4-NcV-M/view?usp=sharing |
| 18/04/2020 @ 12Noon | Sh. M. P. Mishra | Inheritance in JAVA (MCS-024) | https://www.facebook.com/OfficialPageIGNOU/videos/535620303821694/ PPT https://drive.google.com/file/d/1vpeKB Y7DyjdL0XmHAcOlvMLds_41Ok5T/view?usp=sharing |
| 19/04/2020 @ 11am | Sh. Akshay Kumar | Combinational Circuits (MCS-012, Block-01, Unit-03) | https://www.facebook.com/OfficialPageIGNOU/videos/2639701279681674/ |
| 20/04/2020 @ 12Noon | Prof Sunil Kumar, SOMS, IGNOU | ECO-02 (BCA 2 nd Sem) MCS-035(MCA 3 rd Sem) (Accounting and Financial Management) Topic: Accounting Standards and Principles | https://www.facebook.com/OfficialPageIGNOU/videos/862061547627590/ |
| 21/04/2020 @ 12Noon | Prof Sunil Kumar, SOMS, IGNOU | MCS-035 (Accounting and Financial Management) Topic: Ratio Analysis and Decision Making | https://www.facebook.com/OfficialPageIGNOU/videos/2321603454800124/ |
| 22/04/2020 @ 12 Noon | Prof Sunil Kumar, SOMS, IGNOU | MCS-035 (Accounting and Financial Management) Topic: Fund Flow Statement | https://www.facebook.com/OfficialPageIGNOU/videos/620629518492421/ |
| 23/04/2020 @ 11am | Prof Suhas Shetgovekar and Dr. Monika Misra SOSS, IGNOU | Living Well During COVID-19 : Priorities & Strategies | https://www.facebook.com/OfficialPageIGNOU/videos/1938887746241961/ |
| 25/04/2020 @ 11am | Sh. Akshay Kumar, SOCIS, IGNOU | Sequential Circuits | https://www.facebook.com/OfficialPageIGNOU/videos/2997470290273216/ |
| 27/04/2020 @ 11am | Prof V.V. Subrahmanyam | Structures in C Programming | https://www.facebook.com/OfficialPageIGNOU/videos/2588053134848171/ |

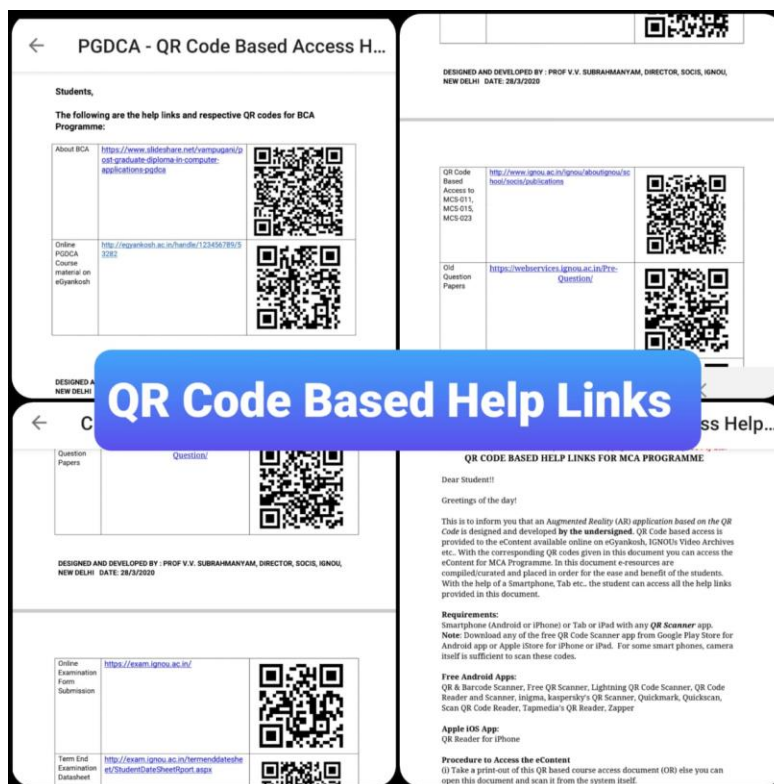
| | | | |
|-------------------------|-------------------------|---|---|
| | SOCIS, IGNOU | (MCS-011, Block-3) | PPT https://drive.google.com/file/d/1jhywOml6RSfIhqGejplDnO9Hk4VN06LH/view?usp=sharing |
| 27/04/2020 @ 12Noon | Sh. M. P. Mishra | Introduction to C++ Programming (BCS-031, Block-01) | https://www.facebook.com/OfficialPageIGNOU/videos/1606229059524254/ PPT https://drive.google.com/file/d/1p0_s4RGUX812B0zRwybBnr8g_pKpLLqw/view?usp=sharing |
| 28/04/2020 @ 12 Noon | Prof Sunil Kumar | Adjustments in Preparation of Financial Statement | https://www.facebook.com/OfficialPageIGNOU/videos/592361504707327/ |
| 2/05/2020 @ 11am | Sh. Akshay Kumar | Memory Organisation and I/O Organisation (MCS-012, Block – 2) | https://www.facebook.com/OfficialPageIGNOU/videos/2621991574793648/ |
| 02/05/2020 @ 12 Noon | Prof V.V. Subrahmanyam | Pointers in C Programming (MCS-011, Block-03) | https://www.facebook.com/OfficialPageIGNOU/videos/2994622223916879/ PPT https://drive.google.com/file/d/1FOYcvy4PEhvHNJ3rWvCZMv1WVmfdcEMr/view?usp=sharing |
| 09/05/2020 @ 11am | Sh. Akshay Kumar | Cache Mapping and I/O Organisation | https://www.facebook.com/OfficialPageIGNOU/videos/265746954469764/ |
| 09/05/2020 @ 12Noon | Prof. V.V. Subrahmanyam | File Handling in C Programming (MCS-011, Block:3) | https://www.facebook.com/OfficialPageIGNOU/videos/2697776817159375/ PPT https://drive.google.com/file/d/1qUQ3BW0MSAsl0rMThiSL1www1fyDYiyx/view?usp=sharing |
| 10/05/2020 @ 11.30am | Sh. M. P. Mishra | Objects, Classes and Inheritance in C++ (BCS-031, Block:1&2) | https://www.facebook.com/OfficialPageIGNOU/videos/173156277342563/ PPT https://drive.google.com/file/d/1qQMs_nSebT9F8PpE_2ujMHraF78IGU_yj/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 |



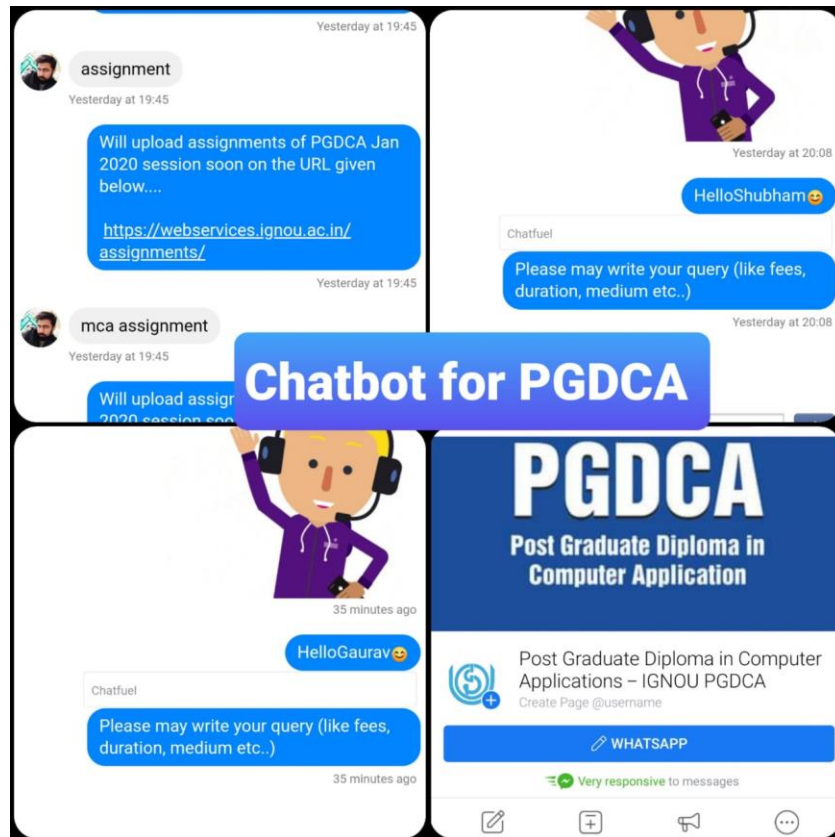
Quick Response Codes have been generated for all the HELP LINKS of the programme 's individually and are shared using the email account, Facebook and Twitter. The following are the shareable links:

| | |
|-------------------|---|
| 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/19fFCQakVTztiWkapEGKFFfPpBpItlyZP/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>

408 SPRINGER eBOOKS – DOWNLOADABLE (PROVIDED BY IGNOU LIBRARY DIVISION)

And

65 SPRINGER eBOOKS ON DATA SCIENCE, R PROGRAMMING, PYTHON PROGRAMMING, ROBOTICS – DOWNLOADABLE (PROVIDED BY IGNOU LIBRARY DIVISION)

| Springer Text books | | | | |
|---------------------|--|---|---------------|---|
| S.No. | Book Title | Author | Edition | OpenURL |
| 1 | Fundamentals of Power Electronics | Robert W. Erickson, Dregan M. Maksimovic | 2nd ed. 2001 | http://lib.springer.com/opensurl?textbook&id=978-0-306-46946-9 |
| 2 | Handbook of the Life Course | Jeyan T. Mortimer, Michael J. Shanahan | 2003 | http://lib.springer.com/opensurl?textbook&id=978-0-306-48447-3 |
| 3 | All of Statistics | Larry Wasserman | 2004 | http://lib.springer.com/opensurl?textbook&id=978-0-387-21173-6 |
| 4 | Social Anxiety and Social Phobia in Youth | Christopher Keenan | 2007 | http://lib.springer.com/opensurl?textbook&id=978-0-387-24324-0 |
| 5 | Discrete Mathematics | László Lovász, József Pelekán, Katalin Vesztegomi | 2003 | http://lib.springer.com/opensurl?textbook&id=978-0-387-21777-3 |
| 6 | Developmental Neurobiology | Mahendra S. Rao, Marous Jacobson | 4th ed. 2005 | http://lib.springer.com/opensurl?textbook&id=978-0-387-33117-8 |
| 7 | Intuitive Probability and Random Processes using MATLAB* | Steven Kay | 2006 | http://lib.springer.com/opensurl?textbook&id=978-0-387-24124-0 |
| 8 | Handbook of Disaster Research | Heidem Rodriguez, Enrico L. Quarantelli, Russell Dynes | 2006 | http://lib.springer.com/opensurl?textbook&id=978-0-387-31131-4 |
| 9 | Handbook of the Sociology of Gender | Janet Salzman Chafetz | 1999 | http://lib.springer.com/opensurl?textbook&id=978-0-387-33118-6 |
| 10 | Handbook of Sociological Theory | Jonathan H. Turner | 2001 | http://lib.springer.com/opensurl?textbook&id=978-0-387-26424-0 |
| 11 | Clinical Neuroanatomy | John Mendosa, Anne Foundas | 2008 | http://lib.springer.com/opensurl?textbook&id=978-0-387-24604-3 |
| 12 | Acquired Brain Injury | Jean Elbaum, Deborah Benson | 2007 | http://lib.springer.com/opensurl?textbook&id=978-0-387-31973-5 |
| 13 | Numerical Optimization | Jorge Nocedal, Stephen Wright | 2nd ed. 2006 | http://lib.springer.com/opensurl?textbook&id=978-0-387-20000-5 |
| 14 | Handbook of Biological Confocal Microscopy | James Pawley | 3rd ed. 2006 | http://lib.springer.com/opensurl?textbook&id=978-0-387-25320-3 |
| 15 | Ceramic Materials | C. Barry Carter, M. Grant Norton | 2007 | http://lib.springer.com/opensurl?textbook&id=978-0-387-33173-4 |
| 16 | Principles of Fluorescence Spectroscopy | Joseph R. Lakowicz | 3rd ed. 2006 | http://lib.springer.com/opensurl?textbook&id=978-0-387-26341-4 |
| 17 | Fundamentals of Biomechanics | Duane Knudson | 2nd ed. 2007 | http://lib.springer.com/opensurl?textbook&id=978-0-387-29311-4 |
| 18 | Primer on the Rheumatic Diseases | John H. Klippel, John H. Stone, Leslie J. Crofford, Patricia H. White | 13th ed. 2008 | http://lib.springer.com/opensurl?textbook&id=978-0-387-83366-9 |

| | |
|--|--|
| <p>408 eBooks from Springer (Selected list)</p> | <p>https://drive.google.com/file/d/1wluySxmGoDxrmLpr2rRjMBDeNr31NCA3/view?usp=sharing</p> |
|--|--|

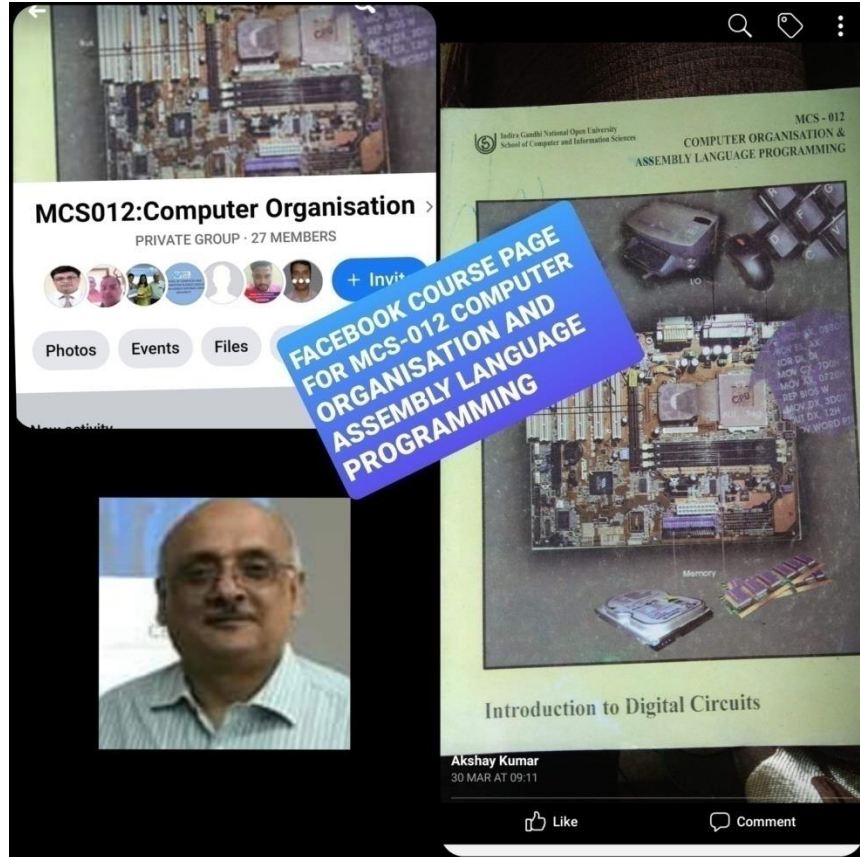
| | |
|---|--|
| <p>65 eBooks Freely Downloadable</p> | <p>https://drive.google.com/file/d/1nRVpGS_MSXxjWn2Tglqk-QKuHBXUKGR/view?usp=sharing</p> |
|---|--|



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.

| | |
|---|--|
| <p>Ignou Socis Official Facebook ID</p> | <p>https://www.facebook.com/ignou.socis.3</p> |
| <p>IGNOU Official Facebook ID @OfficialPageIGNOU</p> | <p>https://www.facebook.com/OfficialPageIGNOU/</p> |



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/ |
|---|---|



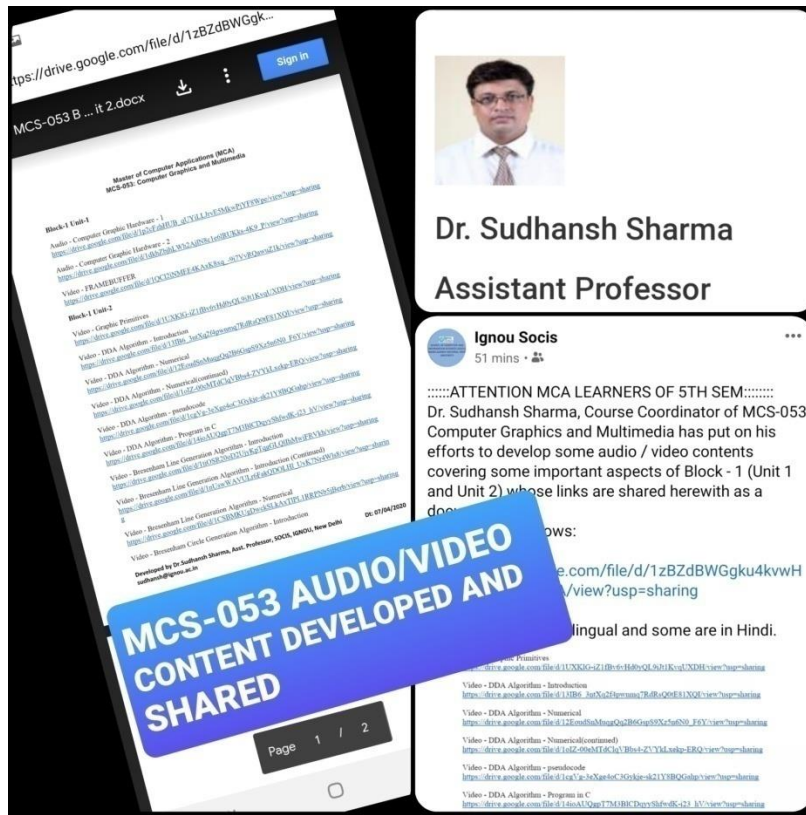
Apart from programme Twitter handles, faculty of SOCIS are sending continuous updates using their personal Twitter Accounts.

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



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-VujwvDNO9uKngTFBb/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 |
|---|---|

PROGRAMME GUIDES AND ASSIGNMENTS FOR CIT/BCA/PGDCA/MCA PROGRAMMES




1 | Page PROGRAMME GUIDES

PROGRAMME GUIDES OF CIT/BCA/PGDCA/MCA PROGRAMMES OF SOCIS

| PROGRAMME OF STUDY | URL FOR PROGRAMME GUIDE | QR CODE |
|--|---|---|
| Certificate in Information Technology (CIT) | http://egyankosh.ac.in/handle/123456789/57286 |  |
| Bachelors of Computer Applications (BCA) | http://www.egyankosh.ac.in/handle/123456789/10769 |  |
| Post Graduate Diploma in Computer Applications (PGDCA) | http://egyankosh.ac.in/handle/123456789/53620 |  |

1 | Page ASSIGNMENTS

ASSIGNMENTS FOR CIT/BCA/PGDCA/MCA PROGRAMMES OF SOCIS

| PROGRAMME OF STUDY | URL FOR ASSIGNMENTS | QR CODE |
|--|---|---|
| Certificate in Information Technology (CIT) | https://webserives.ignou.ac.in/assignments/cit/2019-20/CIT%20Assignments%202020-conversted.pdf |  |
| Bachelors of Computer Applications (BCA) | https://webserives.ignou.ac.in/assignments/schools/socis/bca/bca.html |  |
| Post Graduate Diploma in Computer Applications (PGDCA) | https://webserives.ignou.ac.in/assignments/socis/2020/pgdca/PGDCA%20%20Semester%201an%202020.pdf |  |



| | |
|-------------------------|---|
| PROGRAMME GUIDES | https://drive.google.com/open?id=1byu9QD8bV5m8IErVQUFAqzvsYkHbJv2S |
| ASSIGNMENTS | https://drive.google.com/open?id=1NZPR9XTEguKrqOA9Q461uoY17SqFsK1C |

PROJECT GUIDELINES FOR MCA(MCSP-060 & MCS-044) AND BCA (BCS-040)

1 | Page

PROJECT GUIDELINES

PROJECT GUIDELINES FOR MCA (MCSP-060 & MCS-044) AND BCA(BCSP-064) OF SOCIS

| PROGRAMME OF STUDY | COURSE CODE | URL FOR PROJECT GUIDELINES | QR CODE |
|--|---------------------------------|---|---|
| Master of Computer Applications (MCA) | MCSP-060 6 th SEM | https://webservices.ignou.ac.in/assignments/schools/socis/mca/2019-20/MCSP060ProjectGuidelines20192020.pdf |  |
| Master of Computer Applications (MCA) | MCS-044 4 th SEM | https://webservices.ignou.ac.in/assignments/schools/socis/mca/2019-20/mcs044projectproblems201920.pdf |  |
| Bachelors of Computer Applications (BCA) | BCSP-064 6 th SEM | https://webservices.ignou.ac.in/assignments/schools/socis/bca/2019-20/bca%20bcsp064_project_guideline%20july%202019.pdf |  |

Words: 49

| | |
|---|---|
| PROJECT GUIDELINES (MCSP-060 & MCS-044) (BCSP-064) | https://drive.google.com/file/d/1LwPgmP0KH8w3vJuZ6zJ4gH_dKD6icQc0/view?usp=sharing |
|---|---|

← 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-17qfd-c061e1a-8be-4f75-b8ab-11d3a055244b&v=&b=&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 |
|------|---|

← MCS-023 DBMS List of Videos.docx

| Sl. # | Name of the Faculty | Title of the Video | Web link |
|-------|------------------------|--|---|
| 1 | Prof V.V. Subrahmanyam | DBMS -Introductory Concepts | https://youtu.be/TF7squt2DM |
| 2 | Prof V.V. Subrahmanyam | Elements of DBMS | https://youtu.be/Au24r4r5uQ |
| 3 | Prof V.V. Subrahmanyam | Types of Databases and Data Models | https://www.youtube.com/embed/b49v5kq0Zc |
| 4 | Prof V.V. Subrahmanyam | Relational Databases and Overview of DB Design | https://www.youtube.com/embed/hK_8Q2Frc |
| 5 | Prof V.V. Subrahmanyam | Various Key Constraints in RDBMS | https://youtu.be/gHxJheYfo |
| 6 | Prof V.V. Subrahmanyam | Anomalies and Normalization | https://youtu.be/h3uByYt5dc |
| 7 | Prof V.V. Subrahmanyam | File Organization - I | https://youtu.be/f1eQ0uJed |
| 8 | Prof V.V. Subrahmanyam | File Organization - II | https://youtu.be/h315Su4hc |
| 9 | Prof V.V. Subrahmanyam | Search Strategy - I | https://youtu.be/K7X7V9_gw |
| 10 | Prof V.V. Subrahmanyam | Search Strategy - II | https://youtu.be/vn3xxvofmo |

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/2n2W65uK0 |
| 14 | Prof V.V. Subrahmanyam | Introduction to MySQL Commands - I | https://youtu.be/75dKqgJn8Ie |
| 15 | Prof V.V. Subrahmanyam | Introduction to MySQL Commands - II | https://youtu.be/g8u8Fv38eEQ |
| 16 | Prof V.V. Subrahmanyam | Introduction to MySQL Commands - III | https://youtu.be/y03mVW4de |
| 17 | Prof V.V. Subrahmanyam | Introduction to MySQL Commands - IV | https://youtu.be/qFfmeG2ik |
| 18 | Prof V.V. Subrahmanyam | Introduction to MySQL Commands - V | https://youtu.be/28Kue7Bv4K |
| 19 | Prof V.V. Subrahmanyam | Database Recovery | https://youtu.be/whx7myyEa |
| 20 | Prof V.V. Subrahmanyam | Transaction Management, Concurrency Control and Recovery | https://youtu.be/hdF3ae3K0e |

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

| | |
|--|--|
| <p>LIST OF 20 VIDEOS for DBMS Course (MCS-023)</p> | <p>https://drive.google.com/file/d/1YiX5L-wfWBn9hir-dJaHV2w9aKjYwIkw/view?usp=sharing</p> |
|--|--|

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**AUDIO TRACKS FOR MCS-015
COMMUNICATION SKILLS COURSE**

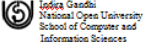
| | |
|----------------------------|---|
| All Tracks | https://soundcloud.com/search?q=MCS-015 |
| Track - 01 & 02 | https://soundcloud.com/venkata-subrahmanyam-vampugani/track-1-and-track-2 |
| Track - 03 | https://soundcloud.com/venkata-subrahmanyam-vampugani/track-3 |
| Track - 04 | https://soundcloud.com/venkata-subrahmanyam-vampugani/track-4 |
| 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.

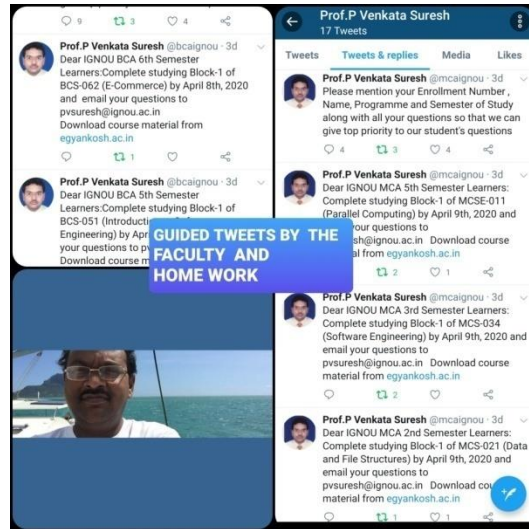
| | |
|------------------------------|---|
| MCS-015 (TRACKS 1 -10) | https://drive.google.com/file/d/1saPNwaRs84iTdcGg3AoEhLpFhnoWCenJ/view?usp=sharing |
|------------------------------|---|

40 VIDEOS ON (MCS-014) SYSTEMS ANALYSIS AND DESIGN

 **MCS-014
SYSTEMS ANALYSIS
AND DESIGN**

Block
1
INTRODUCTION TO SYSTEMS DEVELOPMENT

| | |
|--|-----------|
| UNIT 1 | |
| Forms and Reports Design | 5 |
| UNIT 2 | |
| Physical File Design and Data Base Design | 23 |
| UNIT 3 | |
| CASE Tools for Systems Development | 39 |



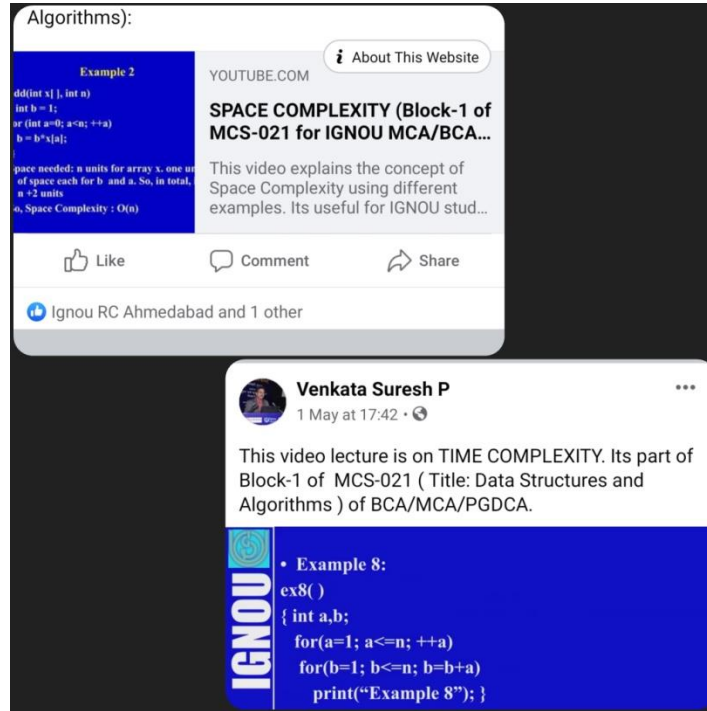
| | |
|------------------------------------|---|
| MCS-014 (40 VIDEOS) | https://drive.google.com/open?id=1TumtzihBd3xPh5aqiWNkujdtgxASP0_S |
|------------------------------------|---|

Coursewise Help and Guided Tweets through @bcaignou, @ignoupdca and @mcaignou and also forwarding homework

VIDEOS ON TIME COMPLEXITY AND SPACE COMPLEXITY WITH EXAMPLES

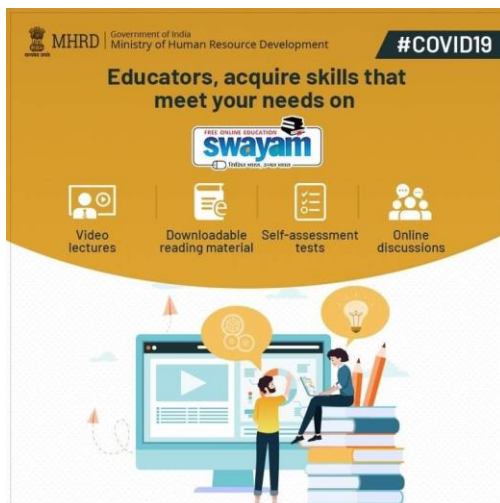
MCS-021 DATA STRUCTURES AND ALGORITHMS

Block-1 (Introduction to Data Structures and Algorithms)

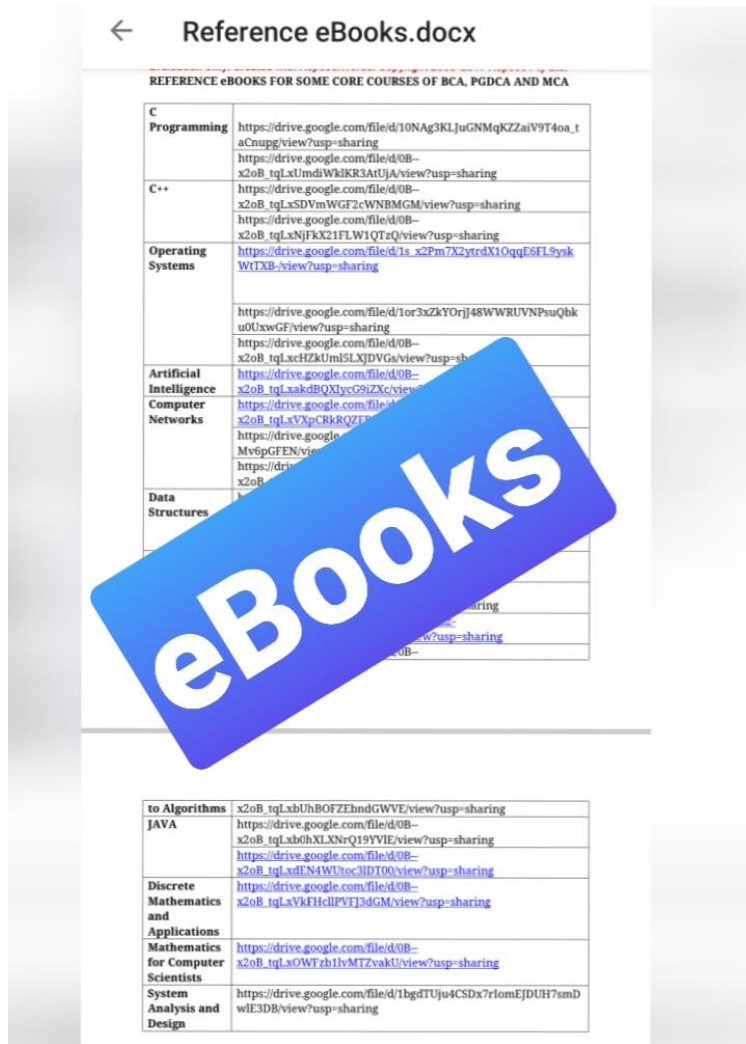


| | |
|--------------------------|---|
| Video (Time Complexity) | https://www.facebook.com/pvsuresh2013/videos/3138333659539639/?q=venkata%20suresh%20p&epa=SEARCH_BOX |
| Video (Space Complexity) | https://www.youtube.com/watch?v=oe8WJI1prjg&feature=youtu.be&fbclid=IwAR37nG3hC08VAecSSWB1tmUMsn2Y89Ay16tXajkijh9JRfct4ayV6RmweYU |

NPTEL AND SWAYAM COURSES (MCS-013, MCS-024, BCS-031)



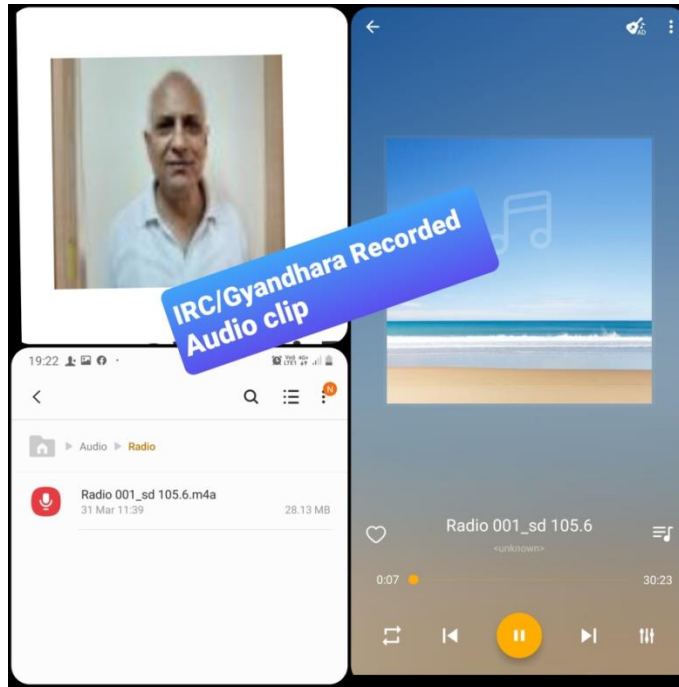
| COURSE CODE & PROGRAMME | REFERENCE LINKS |
|--|---|
| MCS-013 (DISCRETE MATHEMATICS) MCA (1 ST SEM) & BCA (2 ND SEM) | i. https://nptel.ac.in/courses/111/106/111106086/ ii. https://swayam.gov.in/nd2_cec20_ma02/preview iii. https://swayam.gov.in/nd1_noc20_cs37/preview |
| MCS-024 (OBJECT ORIENTED TECHNOLOGY AND JAVA) MCA (2 ND SEM) & BCA (4 TH SEM) | i. https://nptel.ac.in/courses/106/105/106105191/ ii. https://swayam.gov.in/nd1_noc20_cs08/preview |
| BCS-031 (PROGRAMMING IN C++) BCA(3 RD SEM) | https://swayam.gov.in/nd1_noc20_cs07/preview |



List of Reference eBooks

| | |
|--------|---|
| eBooks | https://drive.google.com/file/d/1qK47Hc-C3hgqxQhHDOcBzyj84SQQgAZH/view?usp=sharing |
|--------|---|

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 (Dr. Shashi Bhushan Sharma) | 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 |

| | | |
|---|---------------------------|---|
| Why Learn C Programming @ 11.30 to 12 Noon on FM 105.6 Gyanvani | Prof. V. V. Subrahmanya m | https://www.facebook.com/Educationalnews9/videos/536468260404162/ |
|---|---------------------------|---|

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.....**

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