



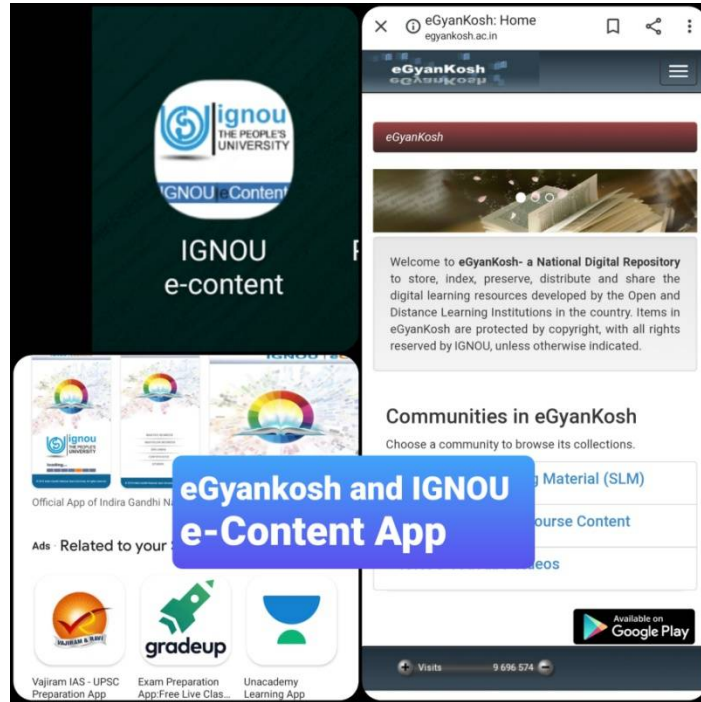
# **SOCIS ONLINE SUPPORT GUIDE**

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

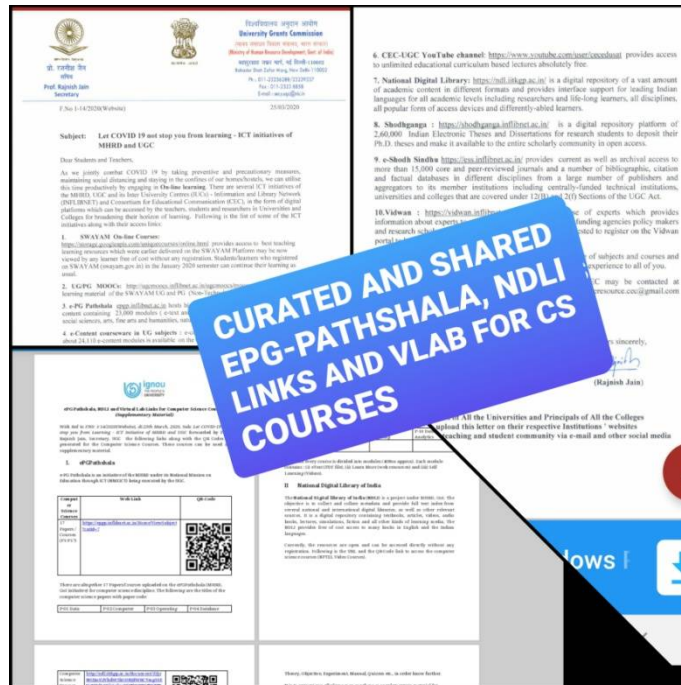
**(COMPILATION OF ONLINE INITIATIVES FOR SOCIS  
PROGRAMMES TO PROVIDE SUPPORT TO STUDENTS  
DURING THE COMPLETE LOCKDOWN  
TO COMBAT COVID-19)**

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

## COURSE MATERIAL ON EGYANKOSH AND IGNOU- eContent APP



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



**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**

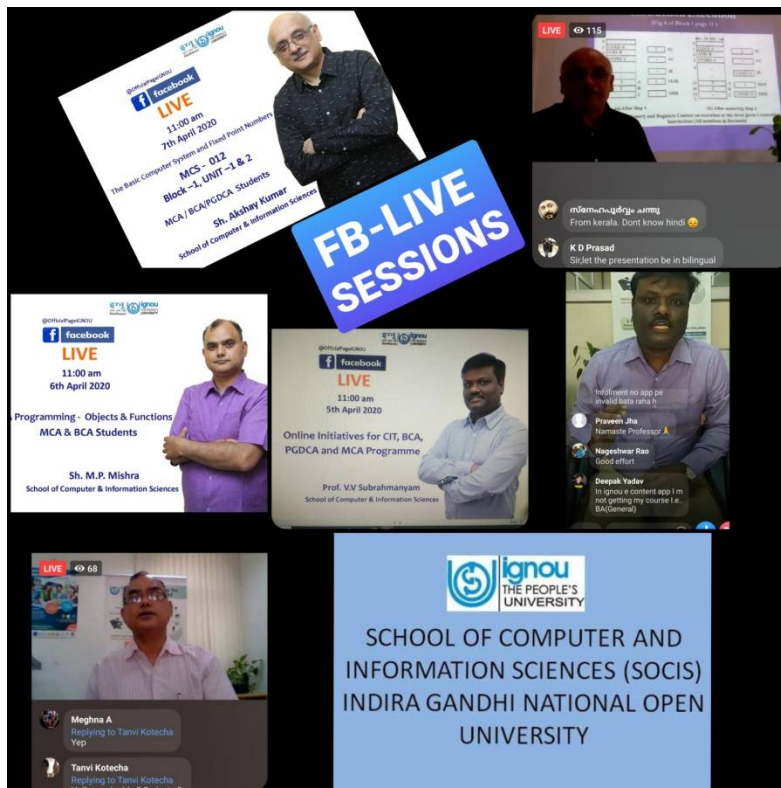
|   |   |
|---|---|
| ICT Initiative s Circular                 | <a href="https://drive.google.com/file/d/1_VUAYSJOPY0QsZuAb0o7MTtjAE0bJPZ/view?usp=sharing">https://drive.google.com/file/d/1_VUAYSJOPY0QsZuAb0o7MTtjAE0bJPZ/view?usp=sharing</a>   |
| National Digital Library Courses of India | <a href="http://ndl.iitkgp.ac.in/document/Z2JzN0ZmU2VhdW5kODBJdWRCTmg3SXVyVHdLSDhGekxrUitTVGRWZWZZYXo3U3NUdU13M0tjckhSbIRCSIJ1eQ">http://ndl.iitkgp.ac.in/document/Z2JzN0ZmU2VhdW5kODBJdWRCTmg3SXVyVHdLSDhGekxrUitTVGRWZWZZYXo3U3NUdU13M0tjckhSbIRCSIJ1eQ</a> |
| ePGPath shala,ND LI, Vlab Docume nt       | <a href="https://drive.google.com/file/d/17PR9xcGVvHIymXdCmXhUKUgqy-YXYab8/view?usp=sharing">https://drive.google.com/file/d/17PR9xcGVvHIymXdCmXhUKUgqy-YXYab8/view?usp=sharing</a>   |



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

|  |   |
|--|---|
| <b>Ignou Socis Official Facebook ID</b>              | <a href="https://www.facebook.com/ignou.socis.3">https://www.facebook.com/ignou.socis.3</a>           |
| <b>IGNOU Official Facebook ID @OfficialPageIGNOU</b> | <a href="https://www.facebook.com/OfficialPageIGNOU/">https://www.facebook.com/OfficialPageIGNOU/</a> |

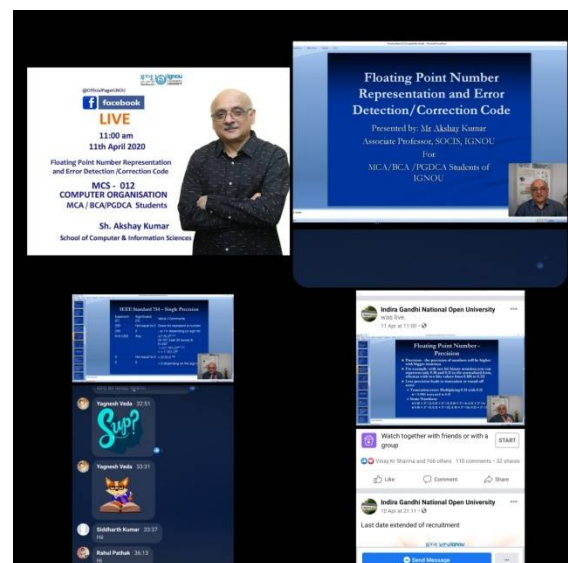
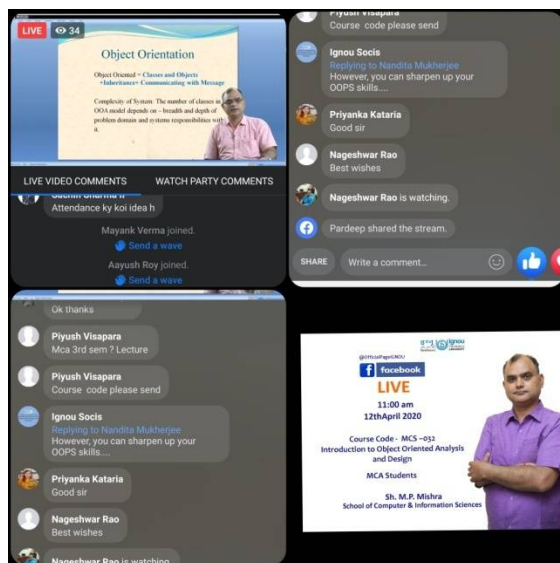
## Links to Previous FB – Live Sessions

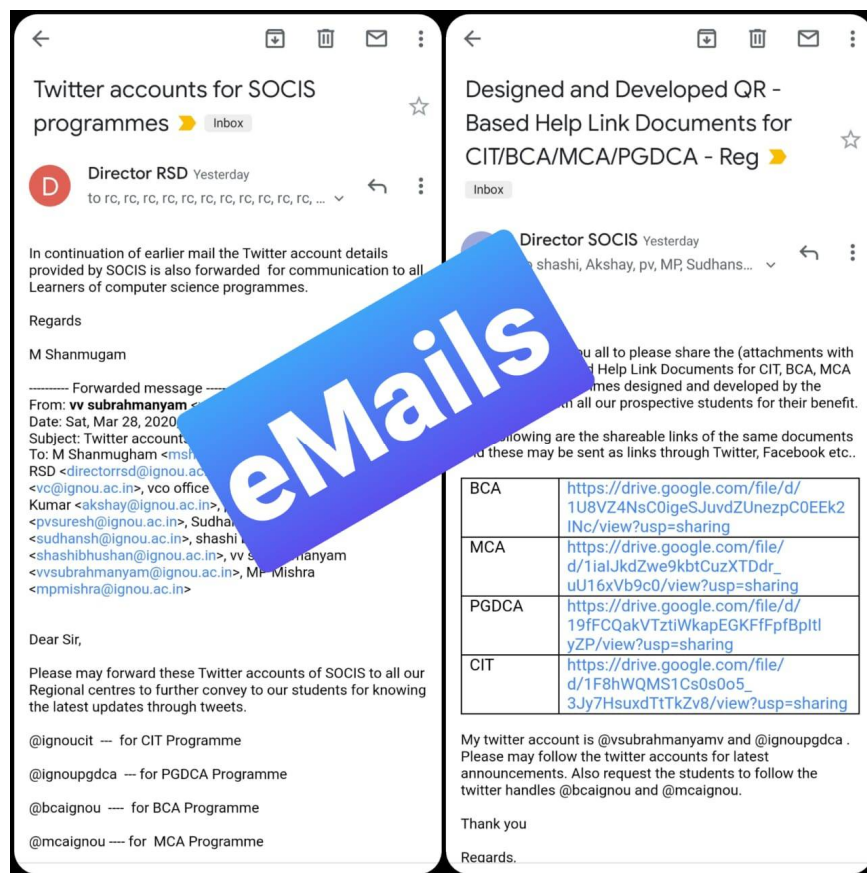


### FB-Live (@OfficialPageIGNOU)

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

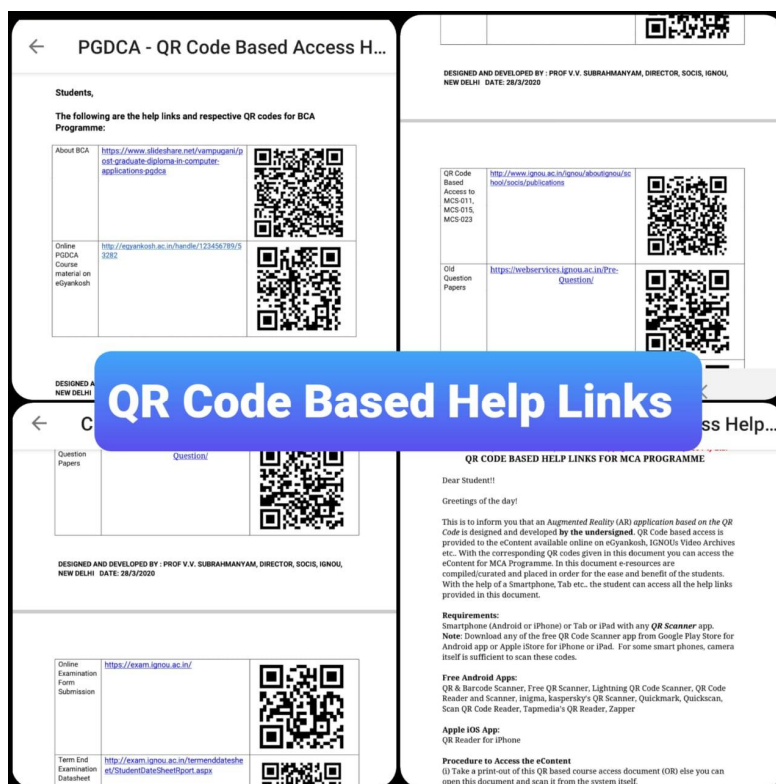
|                     |                           |  |   |
|---------------------|---------------------------|--|---|
| 10/04/2020<br>@11am | Prof V.V.<br>Subrahmanyam | Introduction to C<br>Programming<br>(MCS-011, Block-1,<br>Unit – 1 to Unit – 4)    | <a href="https://www.facebook.com/OfficialPageIGNOU/videos/1132444487148781/">https://www.facebook.com/OfficialPageIGNOU/videos/1132444487148781/</a><br><br>PPT<br><a href="https://drive.google.com/file/d/1JvBv7Tgg_usXLCvp_HideSG4I8_E1cNf/view?usp=sharing&amp;fbclid=IwAR1QMijW-E0LPpT0GItOJmb2W1ureQsGeWCutM_WsKxfQrhCmrdoBprR9Io">https://drive.google.com/file/d/1JvBv7Tgg_usXLCvp_HideSG4I8_E1cNf/view?usp=sharing&amp;fbclid=IwAR1QMijW-E0LPpT0GItOJmb2W1ureQsGeWCutM_WsKxfQrhCmrdoBprR9Io</a> |
| 11/04/2020<br>@11am | Sh. Akshay<br>Kumar       | Floating Point Number<br>Representation and<br>Error Detection<br>/Correction Code | <a href="https://www.facebook.com/OfficialPageIGNOU/videos/179423369719644/">https://www.facebook.com/OfficialPageIGNOU/videos/179423369719644/</a><br><br>PPT:<br><a href="https://drive.google.com/file/d/1Tz8J2UI3ThU34q-DbkHFSMxvgWjiJl1K/view?usp=sharing">https://drive.google.com/file/d/1Tz8J2UI3ThU34q-DbkHFSMxvgWjiJl1K/view?usp=sharing</a>  |
| 12/04/2020<br>@11am | Sh. M. P.<br>Mishra       | An Introduction to<br>Object Oriented<br>Analysis and Design                       | <a href="https://www.facebook.com/OfficialPageIGNOU/videos/211160610167487/">https://www.facebook.com/OfficialPageIGNOU/videos/211160610167487/</a><br><br>PPT<br><a href="https://drive.google.com/file/d/103OcvcccX7RLbZn10kOJiQs5ISNpDPe/view?usp=sharing">https://drive.google.com/file/d/103OcvcccX7RLbZn10kOJiQs5ISNpDPe/view?usp=sharing</a>   |





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

| PROGRAMME | EMAIL-ID   |
|-----------|--|
| CIT       | <a href="mailto:cit@ignou.ac.in">cit@ignou.ac.in</a>     |
| BCA       | <a href="mailto:bca@ignou.ac.in">bca@ignou.ac.in</a>     |
| PGDCA     | <a href="mailto:pgdca@ignou.ac.in">pgdca@ignou.ac.in</a> |
| MCA       | <a href="mailto:mca@ignou.ac.in">mca@ignou.ac.in</a>     |



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:

|                   |   |
|-------------------|---|
| <b>BCA</b>        | <a href="https://drive.google.com/file/d/1U8VZ4NsC0igeSJuvdZUnezpC0EEk2INc/view?usp=sharing">https://drive.google.com/file/d/1U8VZ4NsC0igeSJuvdZUnezpC0EEk2INc/view?usp=sharing</a> |
| <b>MCA</b>        | <a href="https://drive.google.com/file/d/1iaIJKdZwe9kbtCuzXTDdr_uU16xVb9c0/view?usp=sharing">https://drive.google.com/file/d/1iaIJKdZwe9kbtCuzXTDdr_uU16xVb9c0/view?usp=sharing</a> |
| <b>PGD<br/>CA</b> | <a href="https://drive.google.com/file/d/19fFCQakVTztiWkapEGKffFpfBpItlyZP/view?usp=sharing">https://drive.google.com/file/d/19fFCQakVTztiWkapEGKffFpfBpItlyZP/view?usp=sharing</a> |
| <b>CIT</b>        | <a href="https://drive.google.com/file/d/1F8hWQMS1Cs0s0o5_3Jy7HsuxdTtTkZv8/view?usp=sharing">https://drive.google.com/file/d/1F8hWQMS1Cs0s0o5_3Jy7HsuxdTtTkZv8/view?usp=sharing</a> |





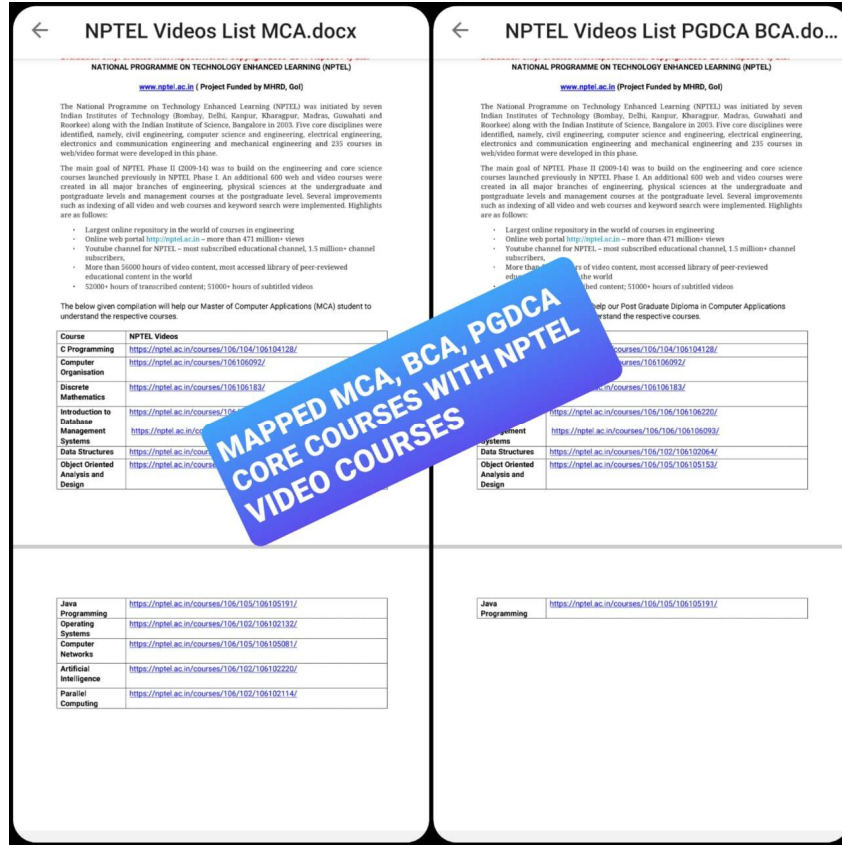
Programme Twitter accounts are been created apart from the individual personal twitter accounts and every piece of information is been shared via these handles:

| <b>Programme</b> | <b>Twitter Account</b> |
|------------------|------------------------|
| <b>CIT</b>       | <b>@ignoucit</b>       |
| <b>PGDCA</b>     | <b>@ignoupgdca</b>     |
| <b>BCA</b>       | <b>@bcaignou</b>       |
| <b>MCA</b>       | <b>@mcaignou</b>       |



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:

|                      |   |
|----------------------|---|
| <b>MCA</b>           | <a href="https://drive.google.com/file/d/1-IXKzsn2zxPSQpHwS3Ix6XqxBljv7LUR/view?usp=sharing">https://drive.google.com/file/d/1-IXKzsn2zxPSQpHwS3Ix6XqxBljv7LUR/view?usp=sharing</a> |
| <b>PGDCA<br/>BCA</b> | <a href="https://drive.google.com/file/d/1wH2yC4XyunNAcJLobFVD1ZPDGaWcG-g_/view?usp=sharing">https://drive.google.com/file/d/1wH2yC4XyunNAcJLobFVD1ZPDGaWcG-g_/view?usp=sharing</a> |

**GYAN VANI**  
Educational FM Radio of India

**GyanVani, Delhi** :An Interactive Radio Counselling (IRC) / Gyandhara was organised today from 3pm to 4pm to discuss on " **Online Initiatives to Support MCA/BCA/PGDCA/CIT Students of SOCIS, IGNOU**" .

Resource Persons:  
1. Prof V.V.Subrahmanyam, Director, SOCIS  
2. Dr.K.D. Prasad, RSD, IGNOU

**INTERACTIVE RADIO COUNSELLING / GYANDHARA**

**GYAN VANI**  
Educational FM Radio of India

- 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 30<sup>th</sup> 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 31<sup>st</sup> March, 2020 from 11am to 12 Noon which was also recorded and forwarded to RCs and Students through Twitter and Facebook.



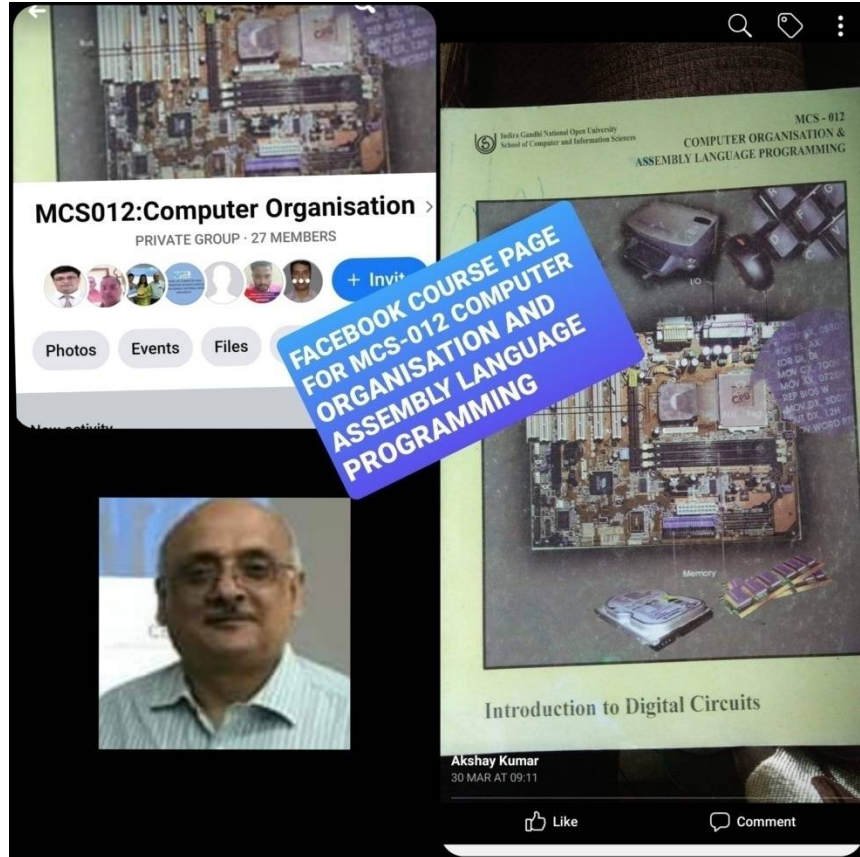
An **IGNOU-SOCIS** Facebook account was started and shared all the corresponding links with the students following it. Most of our Regional Centres have access to these shared documents on FB and further transmitted to the list of students following their RC Facebook account.

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

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

***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.

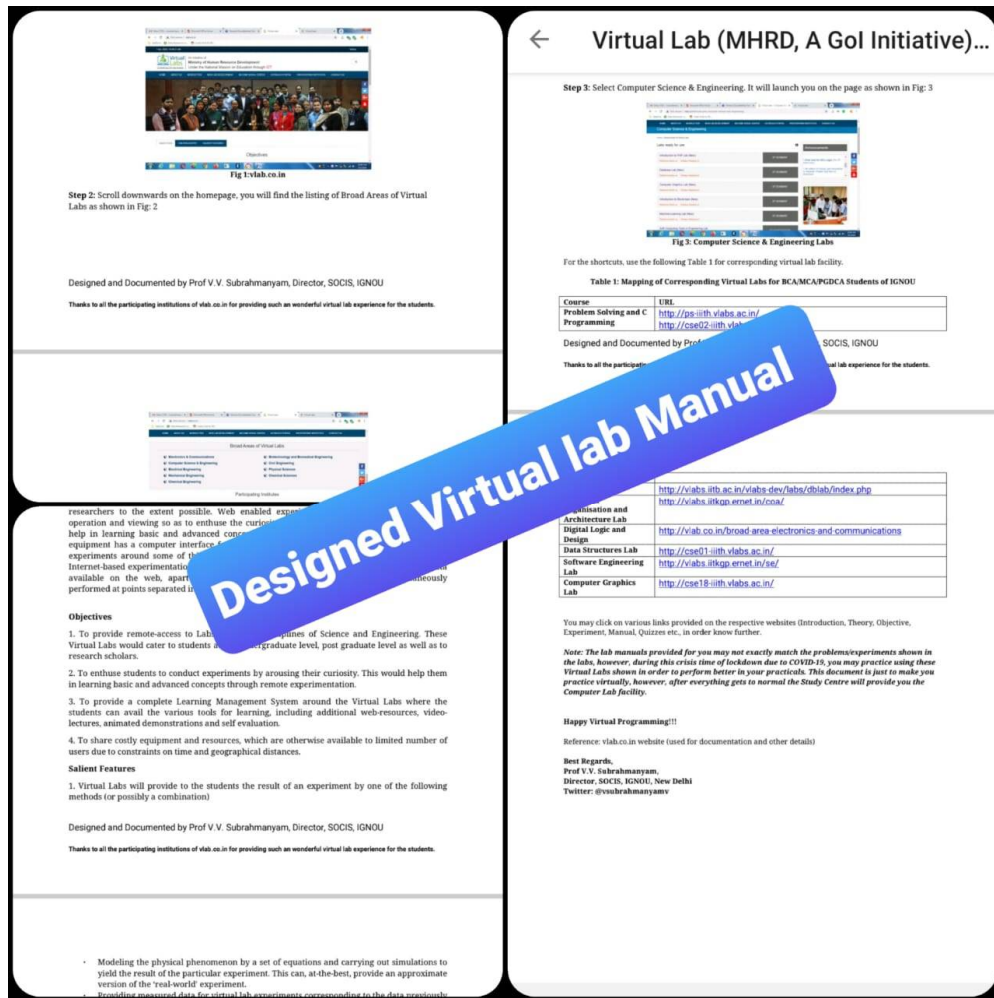
|   |   |
|---|---|
| <b>MCS012:Computer Organisation<br/>(Private Group)</b> | <a href="https://www.facebook.com/groups/1512794318896495/">https://www.facebook.com/groups/1512794318896495/</a> |
|---|---|



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

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





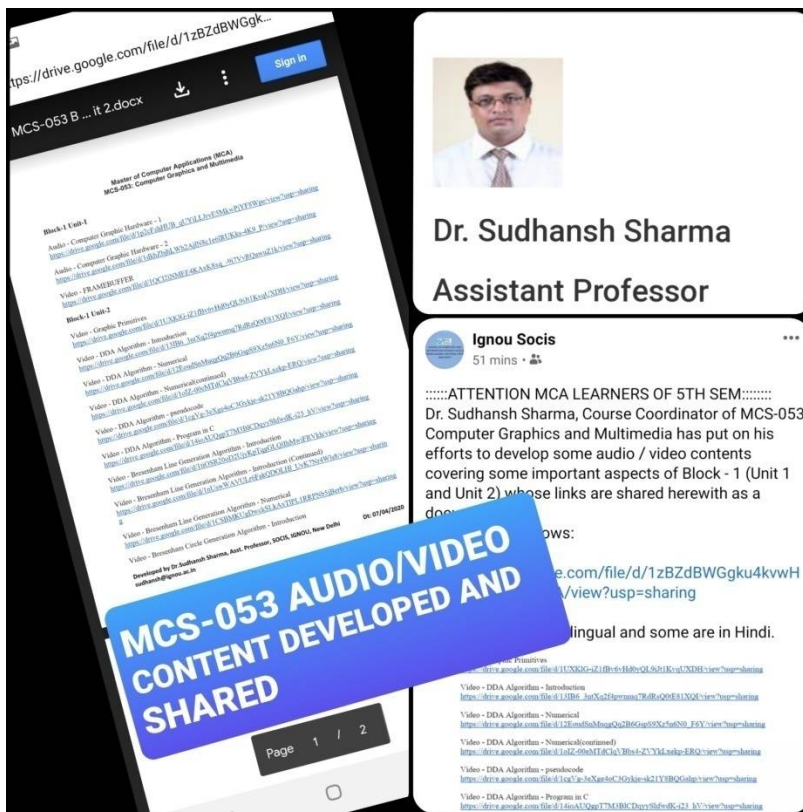
Designed a Virtual Lab Manual mapping the virtual labs with some of our BCA, MCA and PGDCA lab courses with reference to vlab.co.in (An MHRD, GoI Initiative) and shared with all the Regional centres and posted it on the IGNOU-SOCIS FB page and also shared through Twitter for the benefit of the students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

|                           |   |
|---------------------------|---|
| <b>Virtual Lab Manual</b> | <a href="https://drive.google.com/file/d/1f1Z8LB9uJQqnMi3TgBmMFrhkWZthoHLa/view?usp=sharing">https://drive.google.com/file/d/1f1Z8LB9uJQqnMi3TgBmMFrhkWZthoHLa/view?usp=sharing</a> |
|---------------------------|---|



### Coursewise Help Links Provided by the Course Coordinators Concerned

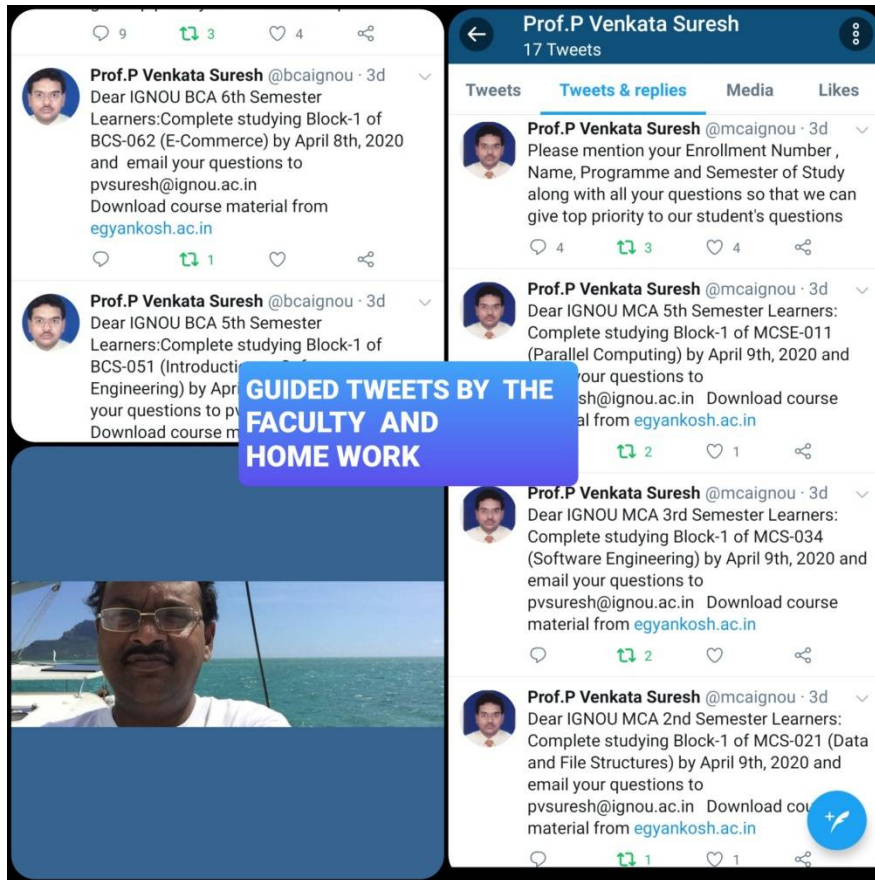
|  |   |
|--|---|
| PGDCA, BCA<br>(BCS-031,<br>BCSP-064,<br>MCS-024) | <a href="https://drive.google.com/file/d/1RqA347KLHqlTc47cJqt15fWVUmqXQSbs/view?usp=sharing">https://drive.google.com/file/d/1RqA347KLHqlTc47cJqt15fWVUmqXQSbs/view?usp=sharing</a> |
| MCA(MCS-024, MCS-032)                            | <a href="https://drive.google.com/file/d/1FoY-SUkJurO2f78KktFJEk_Nn5L7y3Vn/view?usp=sharing">https://drive.google.com/file/d/1FoY-SUkJurO2f78KktFJEk_Nn5L7y3Vn/view?usp=sharing</a> |
| CIT-001  | <a href="https://drive.google.com/file/d/1tg9V1VfZgx86-O-VujwvDNO9uKngTFBb/view?usp=sharing">https://drive.google.com/file/d/1tg9V1VfZgx86-O-VujwvDNO9uKngTFBb/view?usp=sharing</a> |



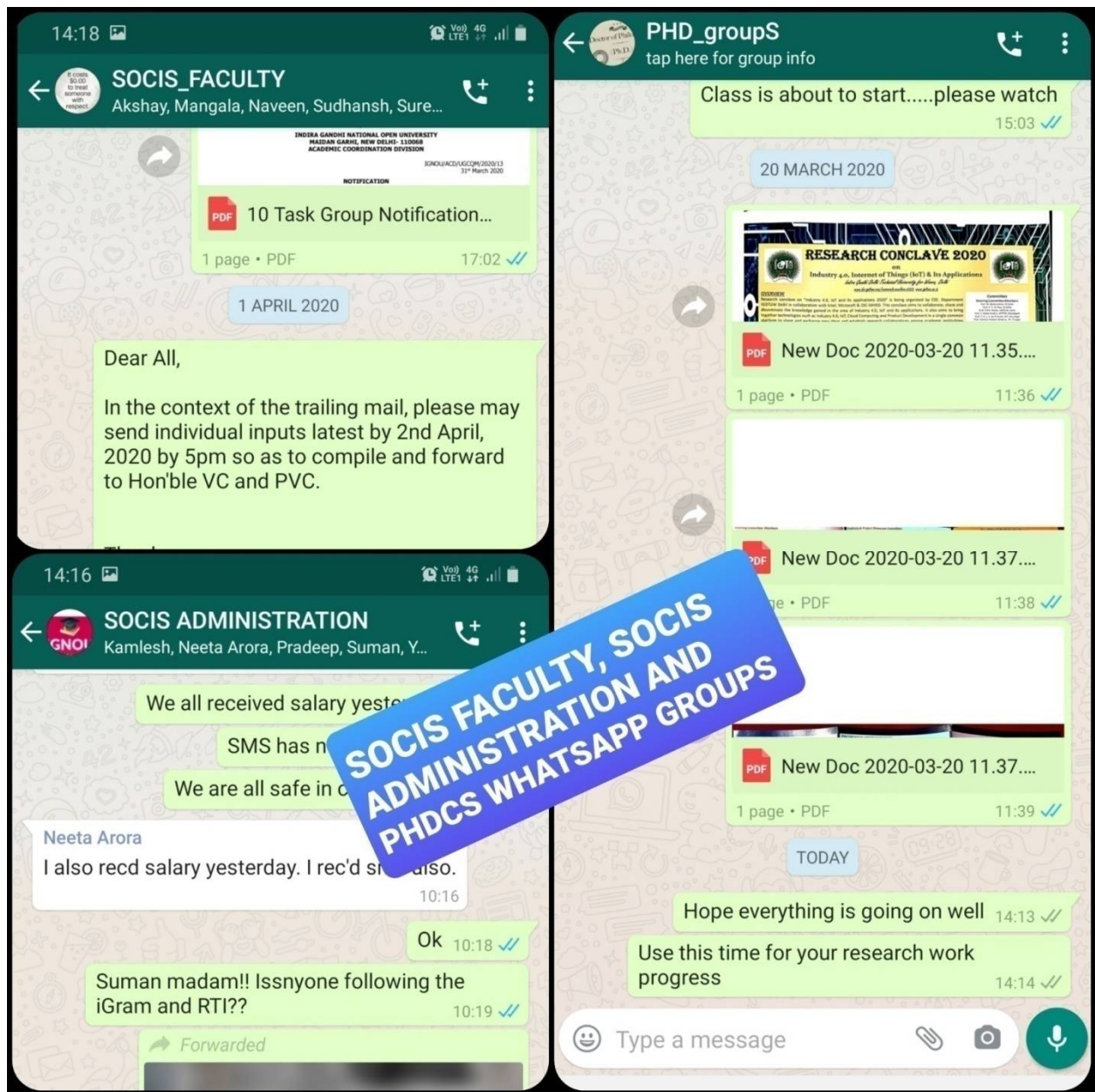
**Audio and Video Components Developed and shared for the course**

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

|   |   |
|---|---|
| <b>MCS-053<br/>(Blk – 1 Unit<br/>– 1 &amp; 2)</b> | <a href="https://drive.google.com/file/d/1zBZdBWGGku4kvwH1Fdpl62O6CrkIneyA/view?usp=sharing">https://drive.google.com/file/d/1zBZdBWGGku4kvwH1Fdpl62O6CrkIneyA/view?usp=sharing</a> |
|---|---|



**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         | <a href="https://www.slideshare.net/vampugani/introduction-to-c-programming-17qid-c26a1e1a-acbe-4f75-b8ab-11d3a055244b8v-8b-8&amp;from_search=3">https://www.slideshare.net/vampugani/introduction-to-c-programming-17qid-c26a1e1a-acbe-4f75-b8ab-11d3a055244b8v-8b-8&amp;from_search=3</a> |
| Control Statements and Functions in C | <a href="https://www.slideshare.net/vampugani/control-statements-and-functions-in-c">https://www.slideshare.net/vampugani/control-statements-and-functions-in-c</a>   |
| Arrays in C Programming               | <a href="https://www.slideshare.net/vampugani/arrays-in-c-79444115">https://www.slideshare.net/vampugani/arrays-in-c-79444115</a>   |
| String Handling in C Programming      | <a href="https://www.slideshare.net/vampugani/strings-in-c-79444142">https://www.slideshare.net/vampugani/strings-in-c-79444142</a>   |

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

**MCS-041 OPERATING SYSTEMS**

|                                   |   |
|-----------------------------------|---|
| Operating Systems                 | <a href="https://www.slideshare.net/vampugani/operating-systems-79552190">https://www.slideshare.net/vampugani/operating-systems-79552190</a>   |
| Introduction to Operating Systems | <a href="https://www.slideshare.net/vampugani/introduction-to-os-79552230">https://www.slideshare.net/vampugani/introduction-to-os-79552230</a> |

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

|      |   |
|------|---|
| PPTs | <a href="https://drive.google.com/file/d/1XN7ajybr4KjH9wOQF8TgA4kGHII7tssN/view?usp=sharing">https://drive.google.com/file/d/1XN7ajybr4KjH9wOQF8TgA4kGHII7tssN/view?usp=sharing</a> |
|------|---|

← 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                   | <a href="https://youtu.be/TFPnaqH2DM">https://youtu.be/TFPnaqH2DM</a>                           |
| 2     | Prof V.V. Subrahmanyam | Elements of DBMS                               | <a href="https://youtu.be/Ah2Y4rA9uQ">https://youtu.be/Ah2Y4rA9uQ</a>                           |
| 3     | Prof V.V. Subrahmanyam | Types of Databases and Data Models             | <a href="https://www.youtube.com/embed/b4hVdKp0Zk">https://www.youtube.com/embed/b4hVdKp0Zk</a> |
| 4     | Prof V.V. Subrahmanyam | Relational Databases and Overview of DB Design | <a href="https://www.youtube.com/embed/hIK_KQ20Tg">https://www.youtube.com/embed/hIK_KQ20Tg</a> |
| 5     | Prof V.V. Subrahmanyam | Various Key Constraints in RDBMS               | <a href="https://youtu.be/gHx4hwYfo">https://youtu.be/gHx4hwYfo</a>                             |
| 6     | Prof V.V. Subrahmanyam | Anomalies and Normalization                    | <a href="https://youtu.be/3Hh8uYh106c">https://youtu.be/3Hh8uYh106c</a>                         |
| 7     | Prof V.V. Subrahmanyam | File Organization - I                          | <a href="https://youtu.be/77aeQ2wJed8">https://youtu.be/77aeQ2wJed8</a>                         |
| 8     | Prof V.V. Subrahmanyam | File Organization - II                         | <a href="https://youtu.be/hJ1E3d6Fk0">https://youtu.be/hJ1E3d6Fk0</a>                           |
| 9     | Prof V.V. Subrahmanyam | Search Strategy - I                            | <a href="https://youtu.be/N15T1v5Jax">https://youtu.be/N15T1v5Jax</a>                           |
| 10    | Prof V.V. Subrahmanyam | Search Strategy - II                           | <a href="https://youtu.be/vn3vvofmo">https://youtu.be/vn3vvofmo</a>                             |

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

|    |                        |  |   |
|----|------------------------|--|---|
| 13 | Prof V.V. Subrahmanyam | Types of SQL Commands and Introduction to MySQL          | <a href="https://youtu.be/2nQW65u3G">https://youtu.be/2nQW65u3G</a>     |
| 14 | Prof V.V. Subrahmanyam | Introduction to MySQL Commands - I                       | <a href="https://youtu.be/705KpaJagIe">https://youtu.be/705KpaJagIe</a> |
| 15 | Prof V.V. Subrahmanyam | Introduction to MySQL Commands - II                      | <a href="https://youtu.be/gk8uFv38eEQ">https://youtu.be/gk8uFv38eEQ</a> |
| 16 | Prof V.V. Subrahmanyam | Introduction to MySQL Commands - III                     | <a href="https://youtu.be/y0ChHfVWwde">https://youtu.be/y0ChHfVWwde</a> |
| 17 | Prof V.V. Subrahmanyam | Introduction to MySQL Commands - IV                      | <a href="https://youtu.be/8FmWGD3k">https://youtu.be/8FmWGD3k</a>       |
| 18 | Prof V.V. Subrahmanyam | Introduction to MySQL Commands - V                       | <a href="https://youtu.be/28Kuo7Bq4K">https://youtu.be/28Kuo7Bq4K</a>   |
| 19 | Prof V.V. Subrahmanyam | Database Recovery  | <a href="https://youtu.be/whvz7myH4a">https://youtu.be/whvz7myH4a</a>   |
| 20 | Prof V.V. Subrahmanyam | Transaction Management, Concurrency Control and Recovery | <a href="https://youtu.be/kdP3ae3X0e">https://youtu.be/kdP3ae3X0e</a>   |

**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><a href="https://drive.google.com/file/d/1YiX5L-wfWBn9hir-dJaHV2w9aKjYwIkw/view?usp=sharing">https://drive.google.com/file/d/1YiX5L-wfWBn9hir-dJaHV2w9aKjYwIkw/view?usp=sharing</a></p> |
|--|--|

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

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

**Audio Tracks for  
Communication Skills  
MCS-015 Course**

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


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



← Reference eBooks.docx

REFERENCE eBooks FOR SOME CORE COURSES OF BCA, PGDCA AND MCA

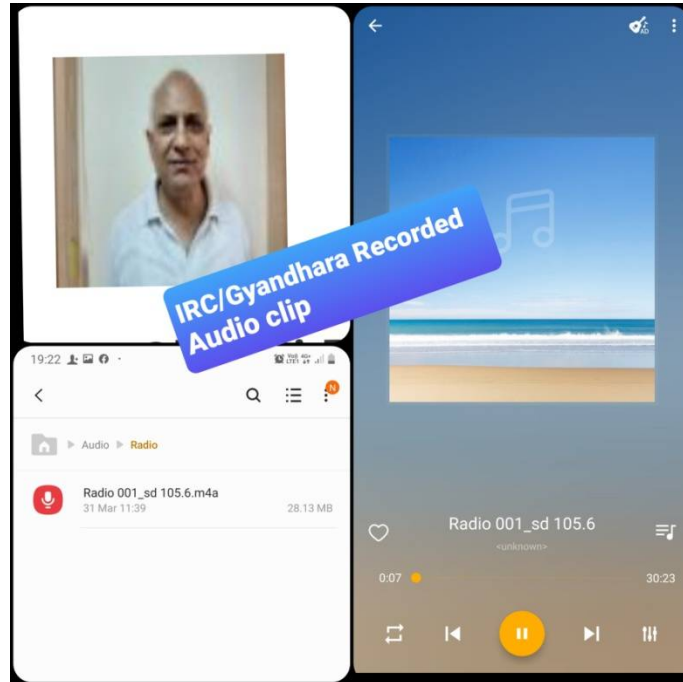
|  |   |
|--|---|
| <b>C Programming</b>                         | <a href="https://drive.google.com/file/d/10Nag3KIJuGNMqKZZaiV9T4oa_taNupp/view?usp=sharing">https://drive.google.com/file/d/10Nag3KIJuGNMqKZZaiV9T4oa_taNupp/view?usp=sharing</a>   |
| <b>C++</b>                                   | <a href="https://drive.google.com/file/d/0B-tqLxUmdiWkiKR3AtUJA/view?usp=sharing">https://drive.google.com/file/d/0B-tqLxUmdiWkiKR3AtUJA/view?usp=sharing</a>                       |
| <b>Operating Systems</b>                     | <a href="https://drive.google.com/file/d/0B-tqLxSDVmWGF2cWNBGM/view?usp=sharing">https://drive.google.com/file/d/0B-tqLxSDVmWGF2cWNBGM/view?usp=sharing</a>                         |
| <b>Artificial Intelligence</b>               | <a href="https://drive.google.com/file/d/0B-tqLxNjFKX21FLW1QTzQ/view?usp=sharing">https://drive.google.com/file/d/0B-tqLxNjFKX21FLW1QTzQ/view?usp=sharing</a>                       |
| <b>Computer Networks</b>                     | <a href="https://drive.google.com/file/d/1s_x2Pm7X2ytrdX1OqqE6E1SyskWTIXB-view?usp=sharing">https://drive.google.com/file/d/1s_x2Pm7X2ytrdX1OqqE6E1SyskWTIXB-view?usp=sharing</a>   |
| <b>Data Structures</b>                       | <a href="https://drive.google.com/file/d/1or3xzK7Orjj48WWRUVNPsuQhku0UxwGF/view?usp=sharing">https://drive.google.com/file/d/1or3xzK7Orjj48WWRUVNPsuQhku0UxwGF/view?usp=sharing</a> |
| <b>to Algorithms</b>                         | <a href="https://drive.google.com/file/d/0B-tqLxsbUhbOFZEbndGWVE/view?usp=sharing">https://drive.google.com/file/d/0B-tqLxsbUhbOFZEbndGWVE/view?usp=sharing</a>                     |
| <b>JAVA</b>                                  | <a href="https://drive.google.com/file/d/0B-tqLxsb0hXlXNrQ191PVE/view?usp=sharing">https://drive.google.com/file/d/0B-tqLxsb0hXlXNrQ191PVE/view?usp=sharing</a>                     |
| <b>Discrete Mathematics and Applications</b> | <a href="https://drive.google.com/file/d/0B-tqLxv9kFHclPVTJ3dGM/view?usp=sharing">https://drive.google.com/file/d/0B-tqLxv9kFHclPVTJ3dGM/view?usp=sharing</a>                       |
| <b>Mathematics for Computer Scientists</b>   | <a href="https://drive.google.com/file/d/0B-tqLxGWFzbl1vMTZvakU/view?usp=sharing">https://drive.google.com/file/d/0B-tqLxGWFzbl1vMTZvakU/view?usp=sharing</a>                       |
| <b>System Analysis and Design</b>            | <a href="https://drive.google.com/file/d/1bgdTUju4CSDx7rlomEJDUH7smDwlE3DB/view?usp=sharing">https://drive.google.com/file/d/1bgdTUju4CSDx7rlomEJDUH7smDwlE3DB/view?usp=sharing</a> |



### List of eBooks were shared

|        |   |
|--------|---|
| eBooks | <a href="https://drive.google.com/file/d/1qK47Hc-C3hgqxqQhHDOcBzyj84SQQgAZH/view?usp=sharing">https://drive.google.com/file/d/1qK47Hc-C3hgqxqQhHDOcBzyj84SQQgAZH/view?usp=sharing</a> |
|--------|---|

## CIT Orientation Audio clip of 31<sup>st</sup> March, 2020 and CIT Programme Guide (Revised) was shared



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

## **FACULTY OF SOCIS, IGNOU, NEW DELHI**

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**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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