

2. Screenshot of the facilities claimed with the name of HEI

1. Screenshots of the facilities – e-journals

The screenshot shows a web browser window with the URL go.gale.com/ps/paginate.do?tabID=T002&lm=AC~y&searchResultsType=SingleTab&q=OQE~machine+learning+model~RB-366+5&searchId=R1&searchType=BasicSearchFo.... The page header includes the Gale OneFile logo and navigation options like 'English', 'Sign in with Google', and 'Sign in with Microsoft'. The search bar contains the text 'machine learning model'. Below the search bar, it shows 'SHOWING RESULTS FOR' with 'Magazines (85)' and 'Academic Journals (3,628)'. The results are sorted by 'Relevance'. A filter section on the right allows filtering by 'Publication Date', 'Subjects', 'Document Type', 'Publication Title', 'Lexile Measure', and 'Search Within'. It also has checkboxes for 'Documents with Full Text' (checked), 'Peer-Reviewed Journals', and 'Document Contains Images'. A 'TOPIC FINDER' section is also visible. The main content area displays a search result for a paper titled 'Machine learning model for predicting the optimal depth of tracheal tube insertion in pediatric patients: A retrospective cohort study' by Jae-Geum Shim, Kyoung-Ho Ryu, Sung Hyun Lee, Eun-Ah Cho, Sungho Lee, and Jin Hee Ahn. The paper is from PLoS ONE (Vol. 16, Issue 9), dated Sept. 2, 2021, with 3,929 words and 1470L. The objective is to construct a prediction model for optimal tracheal tube depth in pediatric patients using machine learning. The methods involve pediatric patients aged <7 years who received post-operative ventilation after... Another result snippet is visible below: 'Exploration of physiological sensors, features, and machine learning models for pain intensity estimation.'

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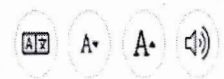
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Machine learning model for predicting the optimal depth of tracheal tube insertion in pediatric patients: A retrospective cohort study.

Authors: Jae-Geum Shim, Kyoung-Ho Ryu, Sung Hyun Lee, Eun-Ah Cho, Sungho Lee and Jin Hee Ahn
Date: Sept. 2, 2021

From: PLoS ONE (Vol. 16, Issue 9)
Publisher: Public Library of Science

Document Type: Report
Length: 3,929 words
Lexile Measure: 1470L
DOI: <http://dx.doi.org/10.1371/journal.pone.0257069>



EXPLORE

Related Subjects

- Machine learning
- Tracheal diseases
- Pediatric diseases
- Child health

Abstract:

Objective

To construct a prediction model for optimal tracheal tube depth in pediatric patients using machine learning.

Methods

Pediatric patients aged <7 years who received post-operative ventilation after undergoing surgery between January 2015 and December 2018 were investigated in this retrospective study. The optimal location of the tracheal tube was defined as the median of the distance between the upper margin of the first thoracic (T1) vertebral body and the lower margin of the third thoracic (T3) vertebral body. We applied four machine learning models: random forest, elastic net, support vector machine, and artificial neural network and compared their prediction accuracy to three formula-based methods, which were based on age, height, and tracheal tube internal diameter (ID).

Results



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4. Screenshots of the facilities – e-books

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e-books in Civil Engineering category



Bridge Demolition Practices

- National Academies Press , 2019

Unintended events resulting in injury, project delays and traffic disruptions can occur and have occurred during bridge demolition activities. This synthesis report assists in better understanding how to reduce risk associated with bridge demolition.

(4284 views)



Building Maintenance and Construction: Tools and Maintenance Tasks

by Clifford Rutherford - Pressbooks , 2018

The book introduces and develops knowledge of basic building maintenance tools and materials, applied skills and techniques, industry health and safety standards, and preventive maintenance and troubleshooting practices required by employers ...

(4565 views)



Construction and Rehabilitation of Concrete Pavements Under Traffic

- National Academies Press , 2018

The current state of the practice in constructing or rehabilitating concrete pavements under traffic relies on a few high-profile and well-documented projects. Sixteen case examples illustrate projects conducted under a variety of scenarios.

(4212 views)



Traditional and Innovative Approaches in Seismic Design

by Linda Giresini, Francesca Taddei (eds) - MDPI AG , 2018

This book is about a wide range of innovative applications in earthquake engineering. The topics refer to the investigation of traditional and innovative materials for applications:



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Building Maintenance and Construction: Tools and Maintenance Tasks
by Clifford Rutherford

Publisher: Pressbooks 2018
ISBN-13: 9781948027021
Number of pages: 402

Description:

The book introduces and develops knowledge of basic building maintenance tools and materials, applied skills and techniques, industry health and safety standards, and preventive maintenance and troubleshooting practices required by employers for entry-level positions in the building trades and facilities maintenance fields.

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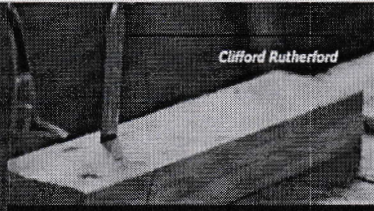
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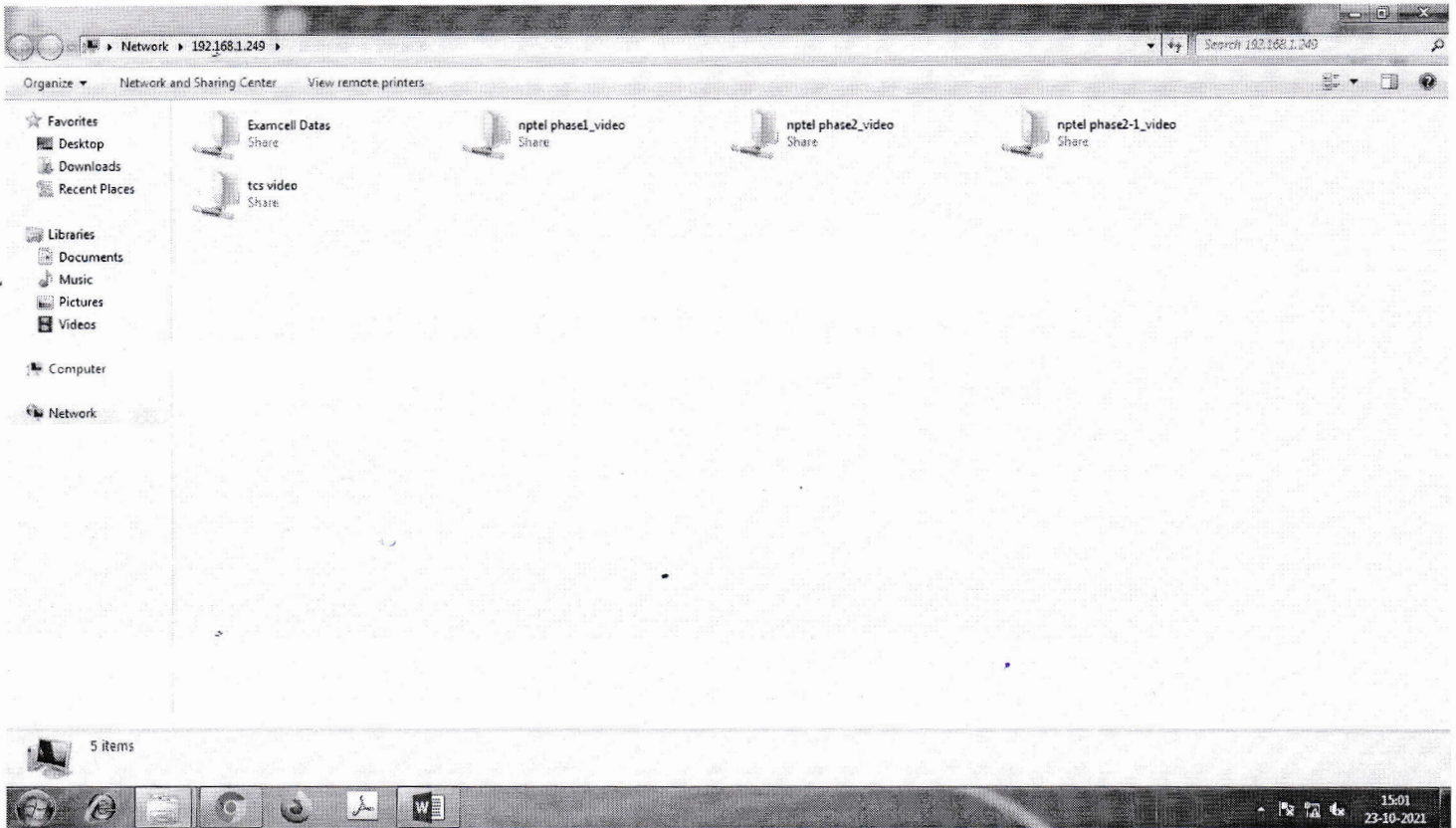
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5. Screenshots of the facilities – Databases – NPTEL



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Network > 192.168.1.249 > nptel_phase1_video > Nptel > Phase1_video > MECH

Search MECH

Organize New folder

Name	Date modified	Type	Size
Advanced Finite Element Analysis	02/04/2013 16:51	File folder	
Advanced Materials & Process	02/04/2013 17:51	File folder	
Advanced Operations Research	02/04/2013 17:06	File folder	
Advanced SOM	02/04/2013 20:39	File folder	
Applied Thermodynamics for Marine Sys...	02/04/2013 18:53	File folder	
Basic Thermodynamics	02/04/2013 20:23	File folder	
Computational Methods in Design & Ma...	02/04/2013 17:20	File folder	
Computer Aided Design	02/04/2013 16:10	File folder	
Design of Machine Elements-I	02/04/2013 13:04	File folder	
Dynamics of Machines	02/04/2013 12:47	File folder	
Engineering Mechanics	02/04/2013 20:00	File folder	
Finite Element Method	02/04/2013 17:44	File folder	
Fundamentals of Environmental Pollutio...	02/04/2013 16:01	File folder	
Fundamentals of Operations Research	02/04/2013 20:19	File folder	
Heat & Mass Transfer	02/04/2013 14:04	File folder	
Industrial Engineering	02/04/2013 18:39	File folder	
Kinematics of Machines	02/04/2013 17:27	File folder	
Manufacturing Process-II	02/04/2013 19:51	File folder	
Manufacturing ProcessS	02/04/2013 14:42	File folder	
Materials Science	02/04/2013 19:28	File folder	
Mechanical Measurements & Metrology	02/04/2013 20:55	File folder	
Mechanical Vibrations	02/04/2013 17:31	File folder	
Performance of Marine Vehicles At Sea	02/04/2013 19:33	File folder	
Principles of Mechanical Measurements	02/04/2013 12:35	File folder	
Project & Production Management	02/04/2013 19:56	File folder	
Refrigeration & Air-conditioning	02/04/2013 17:26	File folder	

29 items Offline status: Online
Offline availability: Not available



Network > 192.168.1.249 > nptel_phase1_video > Nptel > Phase1_video > MECH > Advanced SOM

Search Advanc...

Organize Play New folder

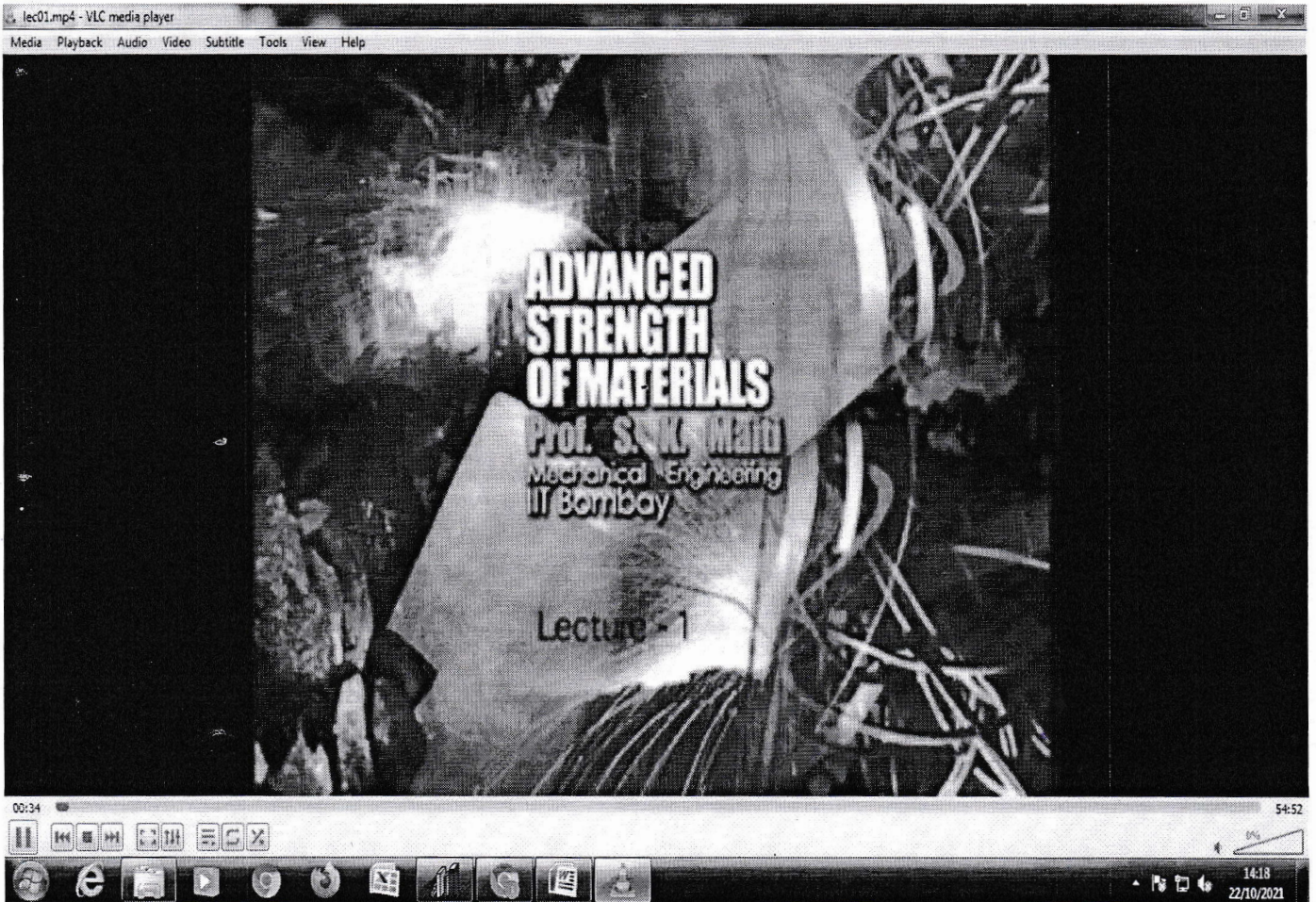
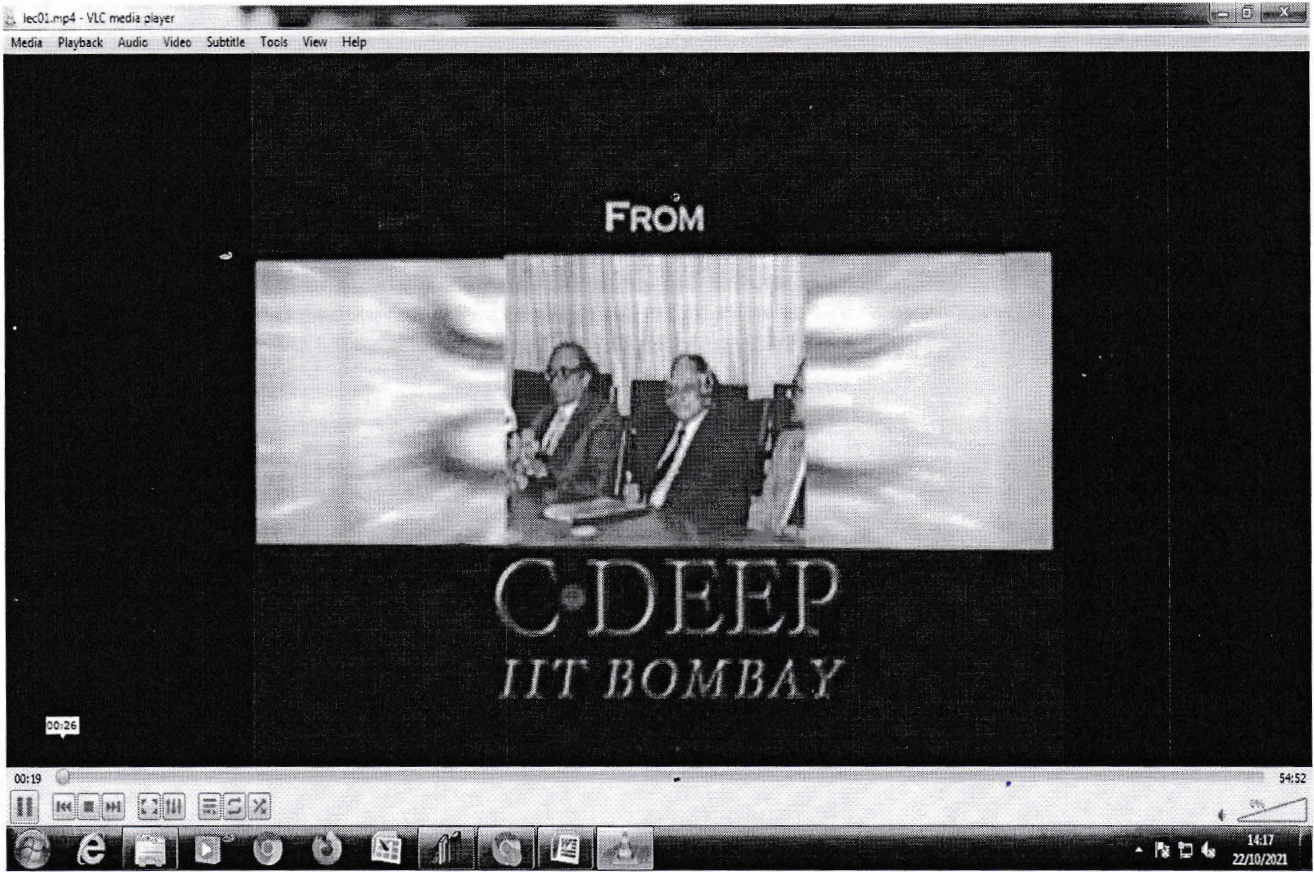
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lec02	02/04/2013 20:36	MP4 Video File (V...	2,52,099 KB
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lec04	02/04/2013 20:35	MP4 Video File (V...	2,48,949 KB
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lec19	02/04/2013 20:39	MP4 Video File (V...	2,47,563 KB
lec20	02/04/2013 20:38	MP4 Video File (V...	2,51,981 KB
lec21	02/04/2013 20:37	MP4 Video File (V...	2,43,900 KB
lec22	02/04/2013 20:39	MP4 Video File (V...	2,57,969 KB
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lec24	02/04/2013 20:38	MP4 Video File (V...	2,40,524 KB
lec25	02/04/2013 20:38	MP4 Video File (V...	2,61,251 KB
lec26	02/04/2013 20:39	MP4 Video File (V...	2,56,576 KB

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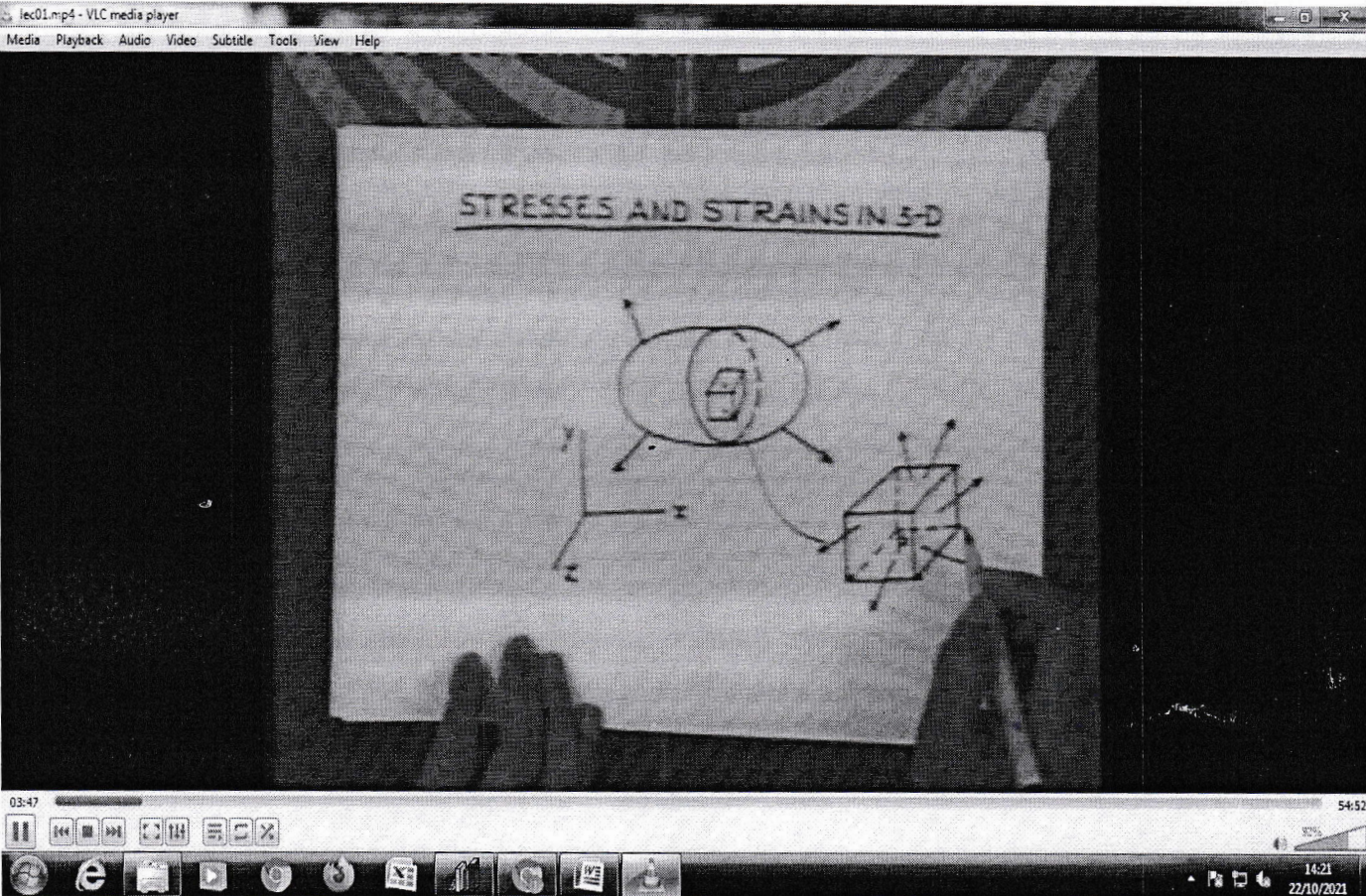
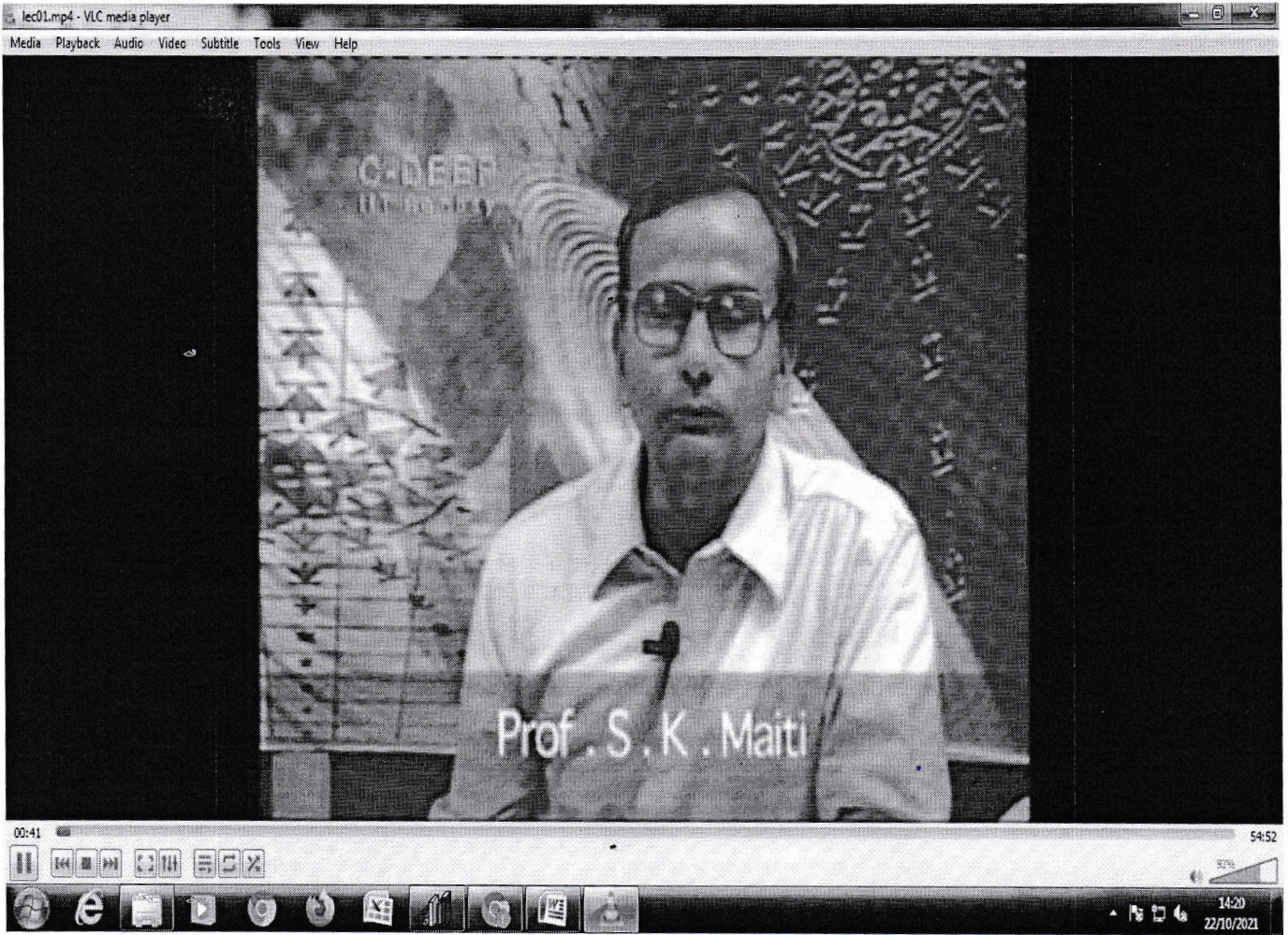
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MP4 Video File (VLC) Size: 244 MB Frame height: 240 Offline availability: Not available Date modified: 02/04/2013 20:39 Frame rate: 25 frames/second





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6. Screenshots of the facilities – remote access to e-resources

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2	23-10-2021 17:06:45	23-10-2021 17:08:59	Site 202.129.198.10
3	23-10-2021 12:04:38	23-10-2021 12:16:06	Site 202.129.198.10
4	22-10-2021 14:37:57	22-10-2021 14:43:05	Site 202.129.198.10
5	22-10-2021 14:23:34	22-10-2021 14:37:28	Site 202.129.198.10
6	22-10-2021 13:20:08	22-10-2021 13:22:39	Site 202.129.198.10
7	21-10-2021 15:02:43	21-10-2021 15:04:40	Site 202.129.198.10
8	20-10-2021 10:35:09	00-00-0000 00:00:00	Site 202.129.198.10

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9	15-09-2021 10:40:53	15-09-2021 10:43:55	Site 223.181.241.159
10	15-09-2021 10:35:42	15-09-2021 10:45:56	Site 202.129.198.10
11	15-09-2021 10:19:08	00-00-0000 00:00:00	Site 202.129.198.10
12	14-09-2021 10:48:34	00-00-0000 00:00:00	Site 202.129.198.10
13	26-07-2021 09:54:04	00-00-0000 00:00:00	Site 202.129.198.10
14	25-02-2021 17:26:50	00-00-0000 00:00:00	Site 164.100.247.22
15	25-02-2021 14:36:04	25-02-2021 14:39:56	Site 164.100.247.22
16	16-12-2020 12:42:33	00-00-0000 00:00:00	Site 202.129.198.10
17	16-12-2020 10:17:20	00-00-0000 00:00:00	Site 202.129.198.10
18	15-12-2020 10:40:09	00-00-0000 00:00:00	Site 202.129.198.10
19	24-11-2020 10:32:18	24-11-2020 11:01:05	Site 202.129.198.10
20	11-11-2020 15:55:36	00-00-0000 00:00:00	Site 202.129.198.10

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2	20-10-2020 09:22:18	00-00-0000 00:00:00	Site 202.129.198.10
3	19-10-2020 11:57:36	19-10-2020 12:35:31	Site 202.129.198.10
4	19-10-2020 11:11:48	19-10-2020 11:39:08	Site 202.129.198.10
5	13-10-2020 11:08:41	00-00-0000 00:00:00	Site 202.129.198.10
6	06-03-2020 16:54:23	00-00-0000 00:00:00	Site 202.129.198.10
7	27-02-2020 18:06:16	00-00-0000 00:00:00	Site 202.129.198.10
8	25-02-2020 18:37:52	25-02-2020 18:00:14	Site 202.129.198.10

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10	05-02-2020 12:43:17	05-02-2020 13:22:00	Site 202.129.198.10
11	05-02-2020 12:38:11	05-02-2020 12:42:50	Site 202.129.198.10
12	20-01-2020 11:31:58	20-01-2020 12:09:41	Site 202.129.198.10
13	06-09-2019 11:46:40	06-09-2019 12:05:39	Site 202.129.198.10
14	06-09-2019 11:30:35	06-09-2019 11:39:09	Site 202.129.198.10
15	26-03-2019 10:31:25	00-00-0000 00:00:00	Site 202.129.198.10
16	21-03-2019 11:16:13	00-00-0000 00:00:00	Site 202.129.198.10
17	21-03-2019 11:09:11	21-03-2019 11:14:34	Site 202.129.198.10
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20	19-02-2019 11:18:41	00-00-0000 00:00:00	Site 202.129.198.10

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4	19-01-2019 12:58:39	00-00-0000 00:00:00	Site 202.129.198.10
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8	31-07-2018 10:29:33	00-00-0000 00:00:00	Site 202.129.198.10

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8	31-07-2018 10:29:33	00-00-0000 00:00:00	Site 202.129.198.10
9	09-07-2018 11:12:22	09-07-2018 11:13:49	Site 202.129.198.10
10	03-07-2018 15:28:21	03-07-2018 15:51:55	Site 103.25.46.78
11	03-07-2018 11:51:43	00-00-0000 00:00:00	Site 103.25.46.78
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15	12-05-2018 14:27:55	00-00-0000 00:00:00	Site 202.129.198.10

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