



**VARDHAMAN COLLEGE OF ENGINEERING, HYDERABAD**  
Autonomous institute, affiliated to JNTUH

**MINUTES OF 21<sup>ST</sup> GOVERNING BODY MEETING**

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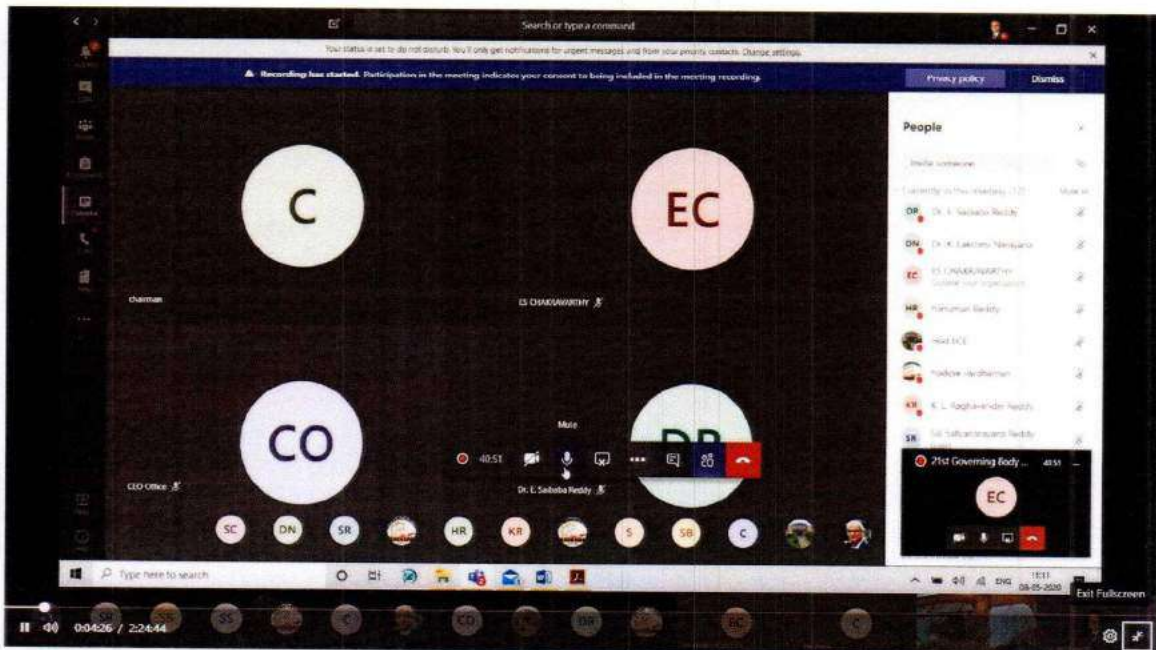
**MINUTES OF 21<sup>ST</sup> GOVERNING BODY MEETING HELD ON 08-05-2020**  
(ONLINE MEETING THROUGH MICROSOFT TEAMS PLATFORM)

**MEMBERS PRESENT:**

- |                                  |                  |
|----------------------------------|------------------|
| ▪ Dr. T. Vijender Reddy          | Chairman         |
| ▪ Sri. T. Upender Reddy          | Member           |
| ▪ Dr. K. Mallikharjuna Babu      | Member           |
| ▪ Dr. K. Lakshmi Narayana        | Member           |
| ▪ Sri. M. Balaji                 | Member           |
| ▪ Dr. E. Saibaba Reddy           | Member           |
| ▪ Sri. E. S. Chakravarthy        | Member           |
| ▪ Smt. Madhvi Chandra            | Member           |
| ▪ Dr. H. S. Jain                 | Member           |
| ▪ Dr. J. V. R. Ravindra          | Member           |
| ▪ Sri. N. Hanuman Reddy          | Invitee          |
| ▪ Sri. K. L. Raghavender Reddy   | Invitee          |
| ▪ Dr. S. Sai Satyanarayana Reddy | Member Secretary |

**LEAVE OF ABSENCE:**

- |                            |        |
|----------------------------|--------|
| ▪ Sri. M. Rajasekhar Reddy | Member |
| ▪ Sri. E. Prabhakar Reddy  | Member |



**Snapshot of the Online Meeting**

*Ravindra*



Dr. T. Vijender Reddy, Chairman, Governing Body cordially welcomed all the members and invitees, and handed over to Dr. K. Mallikharjuna Babu, Director & CEO for further proceedings.

At the outset, the CEO thanked all the members for accepting and attending the meeting, briefed the agenda points to the members and requested Dr. S. Sai Satyanarayana Reddy, Member Secretary to proceed further.

The Member Secretary once again thanked the members for attending the meeting and proceeded with the slated agenda.

## Section 1: ITEMS FOR CONFIRMATION AND ACTION TAKEN REPORT

### 1.1 CONFIRMATION OF MINUTES OF THE PREVIOUS GB MEETINGS

The GB confirmed the minutes of 19<sup>th</sup> GB meeting held on 02-11-2019.

While seeking the confirmation of Minutes of the 20<sup>th</sup> GB meeting held on 14-03-2020, the Member Secretary thanked Prof. E. Saibaba Reddy, JNTUH Nominee for his suggestion to convene the meeting on emergency basis. Further, the Member Secretary apprised that, in order to satisfy the JNTUH norms for getting approval of new courses and changes in the existing intake of students, the GB meeting was called on emergency basis.

The GB confirmed the minutes of 20<sup>th</sup> GB meeting.

### 1.2 TO NOTE THE ACTION TAKEN ON THE DECISIONS / RESOLUTIONS OF THE PREVIOUS MEETINGS

#### 1.2.1 Action taken on Decisions / Resolutions of the 19th GB Meeting held on 02-11-2019

Resolution	Action Taken Report (ATR)
The GB directed the Member Secretary to initiate suitable action to obtain the necessary permissions and approvals from apex bodies namely JNTUH, State Government and AICTE with respect to the approved changes in programs offered and intake.	<ul style="list-style-type: none"><li>Application to the State Govt. was submitted for the issue of NOC</li><li>Application to the JNTUH was submitted for the issue of NOC</li><li>Application for AICTE EOA for the AY 2020-21 with the proposed changes was submitted</li><li>Application for JNTUH Affiliation for the AY 2020-21 with the proposed changes was submitted</li></ul>

#### 1.2.2 Action taken on Decisions / Resolutions of the 20th GB Meeting held on 14-03-2020

Resolution	Action Taken Report (ATR)
In connection to the approval of item no. 19.2.7.5 of 19 <sup>th</sup> GB meeting held on 02-11-2019, based on AICTE APH 2020-2021 and JNTUH Order about introduction of new courses vide Procs. No A1/New B.Tech. Courses/2020 dated 28-02-2020, the Member Secretary explained the necessity of changes in the courses which are offered by the institution for the academic year 2020-2021.	<ul style="list-style-type: none"><li>Application to the State Govt. was submitted for the issue of NOC</li><li>Application to the JNTUH was submitted for the issue of NOC</li></ul>

Resolution	Action Taken Report (ATR)
<p><b>1. Introduction of new courses:</b> UG – B.Tech. in Computer Science and Engineering (Artificial Intelligence and Machine Learning) with an intake of 60</p> <p><b>2. Increase in Intake:</b> UG – B.Tech. in Information Technology from existing intake of 120 to 180</p> <p><b>3. Reduction in Intake:</b> 3.1 UG – B.Tech. in Electrical and Electronics Engineering from existing intake of 120 to 60 3.2 UG – B.Tech. in Mechanical Engineering from existing intake of 120 to 60</p> <p><b>4. Closure of Courses:</b> UG – M.Tech. in Embedded Systems from existing intake of 18 to 00</p> <p>The Member Secretary apprised that the proposed changes do not alter the overall intake of UG courses i.e., 900 in the College.</p> <p>After detailed discussions and deliberations, the GB approved the above changes as proposed. The GB directed the Member Secretary to initiate suitable action to obtain the necessary permissions and approvals from apex bodies namely JNTUH, State Government and AICTE.</p>	<ul style="list-style-type: none"> <li>▪ Application for AICTE EOA for the AY 2020-21 with the proposed changes was submitted</li> <li>▪ Application for JNTUH Affiliation for the AY 2020-21 with the proposed changes was submitted</li> <li>▪ As per the JNTUH directions to submit additional documents (minutes of GB meeting) towards the issuance of NOC, an emergency GB meeting was convened on 14-03-2020 and submitted the required</li> </ul>

**Section 2: ITEMS FOR INFORMATION**

**2.1 APPRAISAL OF STATUS OF COLLEGE FUNCTIONING DURING LOCKDOWN PERIOD DUE TO COVID-19 PANDEMIC (FROM 16 MARCH 2020 TO 7 MAY 2020)**

The Member Secretary informed that after receiving the circular from JNTUH directing the college to shut down due the Covid-19 pandemic on 15 March 2020, several meetings with the CEO, Dean (Academic) and HODs were conducted through online to find out the solution for the online teaching as well as online assessment with the help of ICT tools available. The Member Secretary informed to the members that about ten reports were submitted to the JNTUH on the academic activities which were conducted during this period.

The Member Secretary appreciated the efforts of the faculty in successfully completing the syllabus despite various technical issues like unavailability of required infrastructure and poor network connectivity for the faculty who are at remote areas. The Member Secretary informed that around 80% of the students attend the online classes and for the remaining students, study materials were supplied online, the recordings of the online classes were made available and faculty personally spoke to the students over phone to clarify doubts. Further, faculty also extended their supported to the students through phone calls. The Member Secretary reported that around 90% of the faculty participated in the conduct of online classes and various online academic activities.

The Member Secretary apprised that over 2500 (including students and all faculty members) were registered for Coursera online courses and many of them have already completed the courses.



While discussing on the subject, the Member Secretary expressed his gratitude to the UGC nominee for continuously pursuing the status about the Coursera Courses.

The details are shown at Annexure-I.

The Industry Expert suggested to form a committee under the leadership of CEO, and come up with a framework for the future if COVID-19 continues further. The industry expert advised to divide the academics into three segments namely, pre-class work, class work, post-class work and asked the Member Secretary to re-imagine the academics in these three segments. If Vardhaman can come up with such a framework, then it clearly differentiate itself from rest of the academic institutions.

While agreeing with the suggestions of the industrialist, the UGC nominee suggested to reach the remaining students who were not able to attend the classes through faculty. He also requested the GB to appoint an Anthropologist or a Sociologist along with the existing doctor in view of the situations likely to be there in the next semester.

### **2.1.1 Brief presentation by HOD CSE**

The HOD CSE presented the report on Academic Activities including Online Teaching for both Theory and Practice, Department Dash Board (Bulletin Board) and Department Mobile App for online teaching, Outreach, Internships, Google Associate Cloud Engineer Certification program, e-Yantra remote lab setup, UiPath Academy training, CETA and Professional Society events undertaken by the department during the lockdown.

The details are shown in Annexure-II.

The HOD, CSE reported that around 73 research papers were submitted by the faculty (as on 20 May 2020) for publication in various conferences and journals. The HOD, CSE also presented few snippets depicting the two minute videos recorded by the students on their projects (shared in the department mobile app), two minute videos of faculty (shared to students through online) and students attendance of an online class.

The GB noted the same and the industrialist highly appreciated the department for organizing all hands-on sessions for students under professional activities and suggested to make sure that majority of students participate in hands on sessions. The industrialist also suggested to go to the analysis and insights of the attendance. In response the HOD CSE submitted that he has conducted six meetings with class representatives and also had four meetings with the faculty to know the concerns of the students as well as faculty.

The industrialist advised the HOD CSE to be a part of the committee to define the future framework for teaching as it involves the role of digital broadcasting and complete knowledge management systems in terms COVID-19 situation.

### **2.1.2 Brief presentation by HOD ECE**

The HOD, ECE presented his report on Online Teaching Learning Process, Notifications, Peer Assessments, Assignments, AATs, Remote Practice Sessions for both Software and Hardware labs, Faculty Contributions, Student Achievements, Factors impacting student performance as remote/online learners and Support given to the students.

The details are shown at Annexure-III.

The GB noted the same and Industrialist once again highly appreciated the efforts of the department especially on the factors impact students' performance as remote/online learners and suggested to go deeper and come out with two or three best practices to weed out students feeling detached, unorganized and unmotivated.

HOD, ECE reported the following factors that impact students' performance as remote/online learners

- Increased responsibility, anxiety, family issues and more
- One laptop in family
- Limited data plan
- No dedicated workspace
- Workloads / Assignments are increased significantly
- Feeling detached, unorganized and unmotivated
- Do not have access to essential material
- Student have no idea on how to be good remote learner

The following are some of the activities done by faculty in order to support the students

- Students received specific messaging about their condition
- Students received specific advice about social/physical distancing, symptoms and other precautions to be taken
- Students received specific information about best practices for remote work

Smt. Madhvi Chandra, Academician suggested to adopt some of the practices followed in the schools like eye exercises in order to overcome the problems may arise due to increased screen time and also suggested to give small breaks between the online classes so that the students mind gets relaxed. In continuation to her suggestions, the Industrialist has added that, faculty need to be a bit more innovative and emotional in understanding the kind of stress the students are going through.

## 2.2 REPORT ON ASSESSMENTS AND EXAMINATIONS BY COE

The COE reported that on 22 April 2020, a committee is formed with the following members to identify a suitable technology platform for conducting online examinations with all security measures.

1. Dr. H. Venkateswara Reddy, COE (Chairman)
2. Mr. K. L. Raghavender Reddy, ACOE
3. Dr. A. RajaniKanth, HOD CSE
4. Dr. V. Muni Sekhar, HOD IT
5. Mr. A. Bhanu Prasad, Assoc. Prof., CSE
6. Mr. R. Appa Rao, Asst. Prof., CSE
7. Mr. G. S. Prasada Reddy, Asst. Prof., CSE
8. Mr. P. Jeevan Kumar, Asst. Prof., IT
9. Mr. Ch. Phaneendar, Server Administrator

Series of meetings as mentioned below were convened by the CEO, Principal and COE with online examination committee members, Board of Examiners from all departments to identify



technology platform and also the formulate the guidelines or rules to be followed in the process of online examinations,

1. First meeting of joint BOS & BOE [April 22,2020]
2. Meeting was held with all members of online examination committee to discuss possible options in conducting online exam for students during this lockdown period. [April 23,2020]
3. Third party online assessment application Demo [April 24, 2020]
4. Second meeting of joint BOS & BOE [April 27,2020]
5. Second meeting of online examination committee [April 28,2020]
6. Meeting with BOE and online examination committee [May 3,2020]
7. Meeting with BOE and online examination committee [May 5,2020]

These meetings led to following decisions,

1. To conduct Online MOCK MCQ's - SEE by using Moodle software.
2. Exam consists of 100 questions and duration is 90 minutes.
3. Student can take exam from any device which supports web browser and internet.
4. Student will receive his/her examination key to his/her college email only on the day of examination.
5. General instructions for Online Mock MCQs's-SEE were circulated to all students through college official email.
6. To conduct a trial exam.
7. Helpline contacts were given so that students can contact in the case of any technical issues during online examinations.

The following are some of the Pros of the new system

1. Involving students to prepare the Question Bank(QB). (students hidden skills are identified)
2. QB for all the courses according to Bloom's levels.
3. Improving the student learning capabilities and also assessing them.
4. Promoting the usage of Vardhaman mail IDs.
5. Teamwork of HODs, BOE and Course leads to prepare QB
6. Joint BOS-BOE raised issues and suggestions helped in resolving many existing technical problems and made the online assessment methods to student friendly.
7. Not only engaging students during the lockdown period but also making them to concentrate on their studies.
8. Results are displayed immediately.

The following are some of the Challenges identified while conducting the online assessments

1. Preparation of an ideal QB for all the courses with minimum of 300 MCQs, in spite of technical issues faced by the faculty.
2. Conveying information to all the students as some of them are at remote locations.
3. Contact numbers of some of the students and parents available in the institute database are changed.
4. Examination is being conducted first time through internet using Moodle.
5. To measure the load capacity of the Server.

The details are shown in Annexure-IV.

The GB noted the same. Industrialist opined that, the time has come to conduct online examinations not because of the COVID but may be in order to give more flexibility to students in attending the examination from home or any place where the students feel comfortable. Besides, he opined to look into implementing a possibility of including assessments into examinations i.e., including one or two certification courses and also check the possibility of directing the students to achieve a particular level in hackathons / etc. which may be considered in assessment.

### **2.3 REPORT ON FACULTY TRAINING AND DEVELOPMENT BY DEAN (ACADEMIC)**

Dean (Academic) apprised the following overall faculty training and development during the lockdown to the GB.

- a) Total number of courses registered through Courses Coursera/NPTEL/MOOCs is 241
- b) Total number of Online FDPs attended by ATAL/MSME/NITTR is 238
- c) Research under write up/submitted for publication is 121
- d) Research proposals prepared for submission to DST/MeitY is 8
- e) Webinars planned to organize is 14
- f) Technology Updating programs Participated is 12
- g) Online Assessments Conducted are about 350

In continuation, the Dean (Academic) submitted a report saying two students from ECE were placed in Cadence Design System with an annual package of 10 Lakhs. These students published three papers in reputed journals like Elsevier and Springer which was highly appreciated by the interview panel members (as reported by the students).

The GB noted the same and while appreciating the faculty efforts, Industrialist enquired about the performance of the faculty registered in Coursera/NPTEL/MOOCs courses in terms of the efficiency and ratings. He also enquired about increment in the student satisfaction rating after the faculty underwent these certification courses or FDPs. In response, the Dean (Academic) apprised that all the data were available but due to time constraint and space constraint those were not presented.

### **2.4 REPORT ON RESEARCH ACTIVITIES AND SUBMISSION OF PROJECT PROPOSALS BY DR. H. S. JAIN, PROFESSOR OF EEE**

Dr. H. S. Jain apprised that when the COVID-19 situation started it was a challenge to establish connection with the PhD faculty and within a short time identified the Microsoft Teams platform and established connect with the PhD holders and scientists at Vardhaman. During this time, they went through various notifications and opportunities available with DST or International Collaborative grant agencies like INDO-US, INDO-KOREAN, INDO-PORTUGUES etc. and communicated the same to the faculty. As presented by the Dean (Academic), eight proposals are ready and this lockdown period was very commendably utilized by the faculty in generating the number of research papers under unforeseen conditions like this to sustain research at Vardhaman. Microsoft Teams was used to form a team for researchers for interaction and started with a lecture on 05 May 2020 on the topic "How to Identify Research Problems and Technological Interventions" followed by two more such programs which are to be held in coming week which



will be taken by our Dean (R&D). Through the COVID-19 continues, there will not be any problem for research at Vardhaman.

## **2.5 FREE ONLINE COURSES (VARDHAMAN – COURSERA)**

CEO Submitted that Coursera has come up with offering free online courses. In order to establish effective communication between Coursera (L4G Technologies) and Vardhaman, Sri. Vivek Kulkarni, Associate Dean (CDC) is appointed as SPOC. To bring awareness about these free online courses among the students, Sri. Vivek Kulkarni contacted all students at grass root level and also communicated with L4G Technologies to address technical issues. His efforts resulted in 2623 successful registrations which is the highest in the state of Telangana including the 1451 completed. This gives us a signal to build infra for online learning. Still the CDC is in contact with the L4G technologies to sort out technical issues of the remaining students. This shows that the learning curve is increasing despite the pandemic, and all our faculty, HODs, Deans and Principal are proactive and working every day around four to five hours.

Though we have created Vardhaman Email IDs for I & II year B.Tech. students at the beginning of the academic year, those could not be verified. But this situation made all students to switch over to Vardhaman platform.

Meetings with internal BOS were conducted to identify courses that can be opted by the students and created a Vardhaman Coursera curriculum to benefit the students at the best.

## **2.6 RENEWAL OF UGC AUTONOMOUS STATUS**

The CEO submitted that the renewal of UGC autonomous status is due in the month of June 2020 and we are now preparing the application and probably we will submit in the next week. However, due to the prevailing situation it might take up to December by the UGC to react or they may come any time and Vardhaman is ready with all necessary preparations.

The GB noted the same.

## **2.7 NAAC (CYCLE-2) ACCREDITATION STATUS**

The CEO confirmed that NAAC (CYCLE-2) application is submitted and the application is currently at Data Verification and Validation (DVV) stage which is halted due to the current situation. Also, NAAC or any accreditation agencies are currently not scheduling the visits. However, the institution is ready with all necessary preparations for the inspections.

The GB noted the same

## **2.8 VARDHAMAN KAIZEN ACTIVITIES BASED ON THE GUIDELINES GIVEN BY UGC QUALITY MANDATE**

The CEO submitted that, UGC Quality Mandate was explored on the directions of the Chairman. There are eleven initiatives and it is identified that Vardhaman is significantly contributes in these activities. In order to assess the Vardhaman contribution in these initiatives, Eleven Committees were formed with three members each and the committees studied the documents from AICTE, JNTUH along with UGC and compared with what Vardhaman is practicing. It is also submitted that,

the committees started with bench marking all these initiatives, coming out with Vardhaman best practices and proposed to call it V-KAIZEN practices. This also reveals what the GB (industrialist) is aiming at the echo system. There are many practices in the institute and unfortunately most of them are not known to the faculty and students. To overcome such situations, diverse committees from multiple disciplines were created with the blend of senior-junior faculty, also brought in gender equality by inducting women faculty into these committees. This made the committee members understand is the college as an institution, rather than confining to the department. Online meetings were conducted to know what and how the members of these committees are doing. It is expected that, these documents will give light which really try to address to build best practices and the echo system of Vardhaman.

The GB noted the same and the Industrialist suggested to seek the permission of the UGC to send the quarterly or half yearly reports to UGC which may enhance their mind set on the institution. In continuation, the UGC nominee appreciated the efforts and opined that this may also be submitted to NAAC, and they may also ask similar reports from all institutions across the country. In response, the CEO submitted that a communication will be sent in this regard and noted for needful action.

### **Section 3: ITEMS FOR RATIFICATION AND APPROVAL**

#### **3.1 BUDGET FOR THE FINANCIAL YEAR 2020-2021**

On behalf of AO, the CEO requested GB to postpone the budget presentation to the next meeting for approval due to the current prevailing situation.

The GB agreed and noted the same.

### **Section 4: OTHER ITEMS WITH THE PERMISSION OF THE CHAIR**

#### **4.1 CONCLUDING REMARKS ON ACADEMIC INITIATIVES FOR PROGRESS BY THE CEO**

The CEO showed the draft of mentor-mentee guide which is formulated with 20 parameters to measure students' performance and achievements. While explaining each parameter in detail, the CEO explained that the system takes another two years to label the students with their capabilities. The CEO opined that, the faculty are committed and dedicated which makes the institution's efforts simpler.

The UGC nominee opined that, the institution is working in the right direction. Further, he stressed that it is required to do more study to identify and address the students getting exhausted through online teaching. The CEO submitted that a psychiatrist has been recruited recently and trying to recruit four more counsellors who will interact with the students very spontaneously. The Academician put forth 'how to improve student engagement through online' is the main challenge the institute needs to concentrate.



#### 4.2 CONDUCTING ONLINE GB MEETINGS

In view of considering valuable time of the members, the CEO proposed to conduct one meeting face to face and three meetings online per year. The item was proposed for the detailed discussion in the next meeting.

  
**Chairman**

  
**Member Secretary**

# Welcome to 21<sup>st</sup> Governing Body Meeting



**VARDHAMAN COLLEGE OF ENGINEERING, HYDERABAD**  
Autonomous institute affiliated to JNTUH

08-05-2020 @ 11:00AM

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## Governing Body Members



SNo	Name	Role	Category
1	Dr. T. Vijender Reddy, Chairman, VES	Chairman	Society Nominee
2	Sri. M. Rajasekhar Reddy, Vice-Chairman, VES	Member	Society Nominee
3	Sri. T. Upender Reddy, Secretary, VES	Member	Society Nominee
4	Sri. E. Prabhakar Reddy, Treasurer, VES	Member	Society Nominee
5	Dr. K. Mallikharjuna Babu, Director & CEO, VCE	Member	Society Nominee
6	Dr. K. Lakshminarayana, Director, APSSDC	Member	UGC Nominee
7	Sri. M. Balaji, Principal, Govt. Polytechnic, Gadwal	Member	State Govt. Nominee
8	Dr. E. Saibaba Reddy, Principal & Prof of Civil Engineering, JNTUHCEH	Member	University Nominee
9	Sri. E. S. Chakravarthy, Centre Head - Operations, TCS, Bengaluru	Member	Society Nominee
10	Smt. Madhvi Chandra, Educationalist, Geethanjali School	Member	Society Nominee
11	Dr. H. S. Jain, Professor of EEE	Member	Faculty Nominee
12	Dr. J. V. R. Ravindra, Professor of ECE	Member	Faculty Nominee
13	Dr. S. Sai Satyanarayana Reddy, Principal	Member Secretary	Member Secretary
14	Sri. N. Hanuman Reddy, Associate Professor	Invitee	Faculty
15	Sri. K. L. Raghavender Reddy, ACOE & Assistant Professor	Invitee	Faculty

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*Ravindra*



## Agenda Item 1: Confirmation of minutes of Meeting



The minutes of the meeting were circulated. Request the GB to confirm the minutes of the previous Governing Body meetings.

08-05-2020

21<sup>ST</sup> GOVERNING BODY MEETING

3

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## Agenda Item 2 : Action taken report



Resolution	Action Taken Report (ATR)
The GB directed the Member Secretary to initiate suitable action to obtain the necessary permissions and approvals from apex bodies namely JNTUH, State Government and AICTE with respect to the approved changes in programs offered and intake.	<ul style="list-style-type: none"><li>Application for the issue of NOC to the State Govt. was submitted</li><li>Application to the AICTE for EOA for the AY 2020-21 with the proposed changes was submitted</li><li>Application for the issue of NOC to the JNTUH was submitted</li><li>Application for JNTUH affiliation for the AY 2020-21 with the proposed changes was submitted</li></ul>

08-05-2020

21<sup>ST</sup> GOVERNING BODY MEETING

4

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### Agenda Item 2 : Action taken report on Previous GB meeting

Resolution	Action Taken Report (ATR)
<p>In continuation with item no. 19.2.7.5 of 19<sup>th</sup> GB meeting, the following resolution has to be made to respond to AICTE/JNTUH orders regarding introduction of new courses vide Procs. No A1/New B.Tech. Courses/2020 dated 28-02-2020, the Member Secretary appraised GB that following changes in the courses to be offered by the institution for the academic year 2020-2021, under various heads as specified:</p> <p>1. Introduction of new courses:</p> <p>UG - B.Tech. in Artificial Intelligence and Machine Learning with an initial intake of 60</p> <p>2. Increase in Intake:</p> <p>UG - B.Tech. in Information Technology from existing intake of 120 to 180</p> <p>3. Reduction in Intake:</p> <p>3.1 UG - B.Tech. in Electrical and Electronics Engineering from existing intake of 120 to 60</p> <p>3.2 UG - B.Tech. in Mechanical Engineering from existing intake of 120 to 60</p> <p>4. Closure of Courses:</p> <p>UG - M.Tech. in Embedded Systems from existing intake of 18 to 00</p> <p>The proposed changes do not alter the overall intake of UG courses i.e., 900 in the College.</p> <p>After detailed discussions and deliberations, the GB approved the above changes as proposed. The GB directed the Member Secretary to initiate suitable action to obtain the necessary permissions and approvals from apex bodies namely JNTUH, State Government and AICTE.</p>	<ul style="list-style-type: none"> <li>• Application for the issue of NOC to the State Govt. was submitted</li> <li>• Application to the AICTE for EOA for the AV 2020-21 with the proposed changes was submitted</li> <li>• Application for the issue of NOC to the JNTUH was submitted</li> <li>• Application for JNTUH affiliation for the AY 2020-21 with the proposed changes was submitted</li> </ul>



08-05-2020

21<sup>ST</sup> GOVERNING BODY MEETING

5

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### Agenda Item 3

Appraisal of Status of college functioning during Lockdown period due to Covid-19 pandemic.  
16<sup>th</sup> March, 2020 to 7<sup>th</sup> May, 2020



SN o	Branch/Specialization (UG) II SEM	Avg. percentage of syllabus completed
1	Computer Science and Engineering	100%
2	Information Technology	100%
3	Electronics and Communication Engineering	100%
4	Electrical and Electronics Engineering	100%
5	Mechanical Engineering	100%
6	Civil Engineering	100%

SNo	Branch/Specialization (PG) II SEM	Avg. percentage of syllabus completed
1.	Computer Science and Engineering	100%
2.	Digital Electronics and Communication Systems	100%
3.	Embedded Systems	100%
4.	Power Electronics and Electrical Drives	100%
5	Engineering Design	100%
6.	Structural Engineering	70%

SNo	Branch/Specialization MBA (PG)	No. of Units & % of Syllabus completed
1.	Master of Business Administration (II Sem)	60%
2.	Master of Business Administration (IV Sem)	90%

08-05-2020

21<sup>ST</sup> GOVERNING BODY MEETING

6

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### Agenda Item 3

status of online classes and other activities



Name of the college/Unit	College/Unit code	Total No. of students (all years and all branches put together)	Min. no. of students and percentage Participated so far in a day	Max. no. of students and percentage Participated so far in a day	No. of students participated in NSS/Red Cross Society Activities	Remarks
<b>Vardhaman College of Engineering</b>	<b>88</b>	<b>4000</b>	<b>2800 and 75%</b>	<b>3600 and 86%</b>	<b>20</b>	

Lockdown, due to COVID19 Pandemic, the period since March 16, 2020; ( Report till 7-5-2020)

continuation of classes on online mode using ICT tools

Faculty took online classes from home and delivered the courses, Quizzes, and Mock Assessments and AAT 10 consolidated Reports sent to JNTUH regarding Staff, Faculty, Students activities,

Practical Usage of ICT tools(Moodle, Byndr, Google forms, Edmodo, Canvas, Zoom, etc..)

Many faculty Attended 5 Day sFDPs , Free e-learning material to all students and staff, usage, Course material for remote students (20%)

90%, faculty and 80% of Students registered for Course era courses ( Free and International standard) suggested by UGC, AICTE, and JNTUH and other webinars Through Professional bodies, IEEE,IETE and , TASK etc.. Along with Other Certification programs.

08-05-2020

21<sup>ST</sup> GOVERNING BODY MEETING

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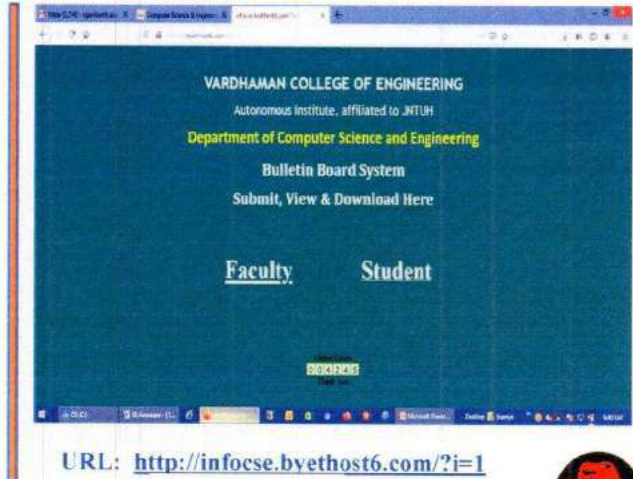
# Thank You

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# Department Activities during Lockdown Period



- Academic Activities:
- Conducted online Teaching and Learning
  - from 30<sup>th</sup> march to 2<sup>nd</sup> May 2020.
  - Includes online classes(Theory and Practical)
  - Online assessments
- Project work:
- Internal Internships:
- Online Technical Events( 24th March to 2nd May)
  - Hackathons
  - Competitive exams
  - Design contests etc.
  - IEEE professional Society Events.
- Industry Oriented Activities:
  - Google Associate Cloud Engineer Certification Program.
  - Uipath Academy
  - E-Yantra



URL: <http://infocse.byethost6.com/?i=1>



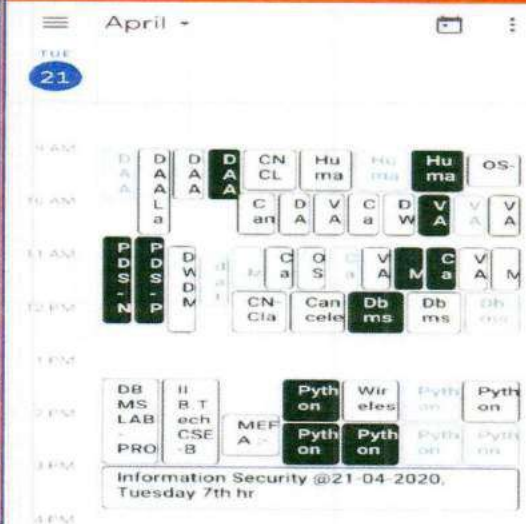
Department of Computer Science and Engineering

1

# Academic Activities



% of syllabus Covered before lock down	80%
Online class work starting Date	30 <sup>th</sup> March
% of Syllabus Covered till April 30th	100%
Average % of students turned up in online classes	70%
Technology used for Online classes	Microsoft Teams, Zoom,Go To Meeting
Mobile APPs	For Material Download
LMS Used for Assessments	EDMODO, Byndr
Challenges	Internet Bandwidth availability. And Student Attention
Solutions	Recorded sessions & Inclass polls
Research and Development	<a href="https://docs.google.com/spreadsheets/d/10XmnQZwqgAL55_nChzPQm76cS7O0r4hhVxfAdncaidY/edit#gid=1742460639">https://docs.google.com/spreadsheets/d/10XmnQZwqgAL55_nChzPQm76cS7O0r4hhVxfAdncaidY/edit#gid=1742460639</a>



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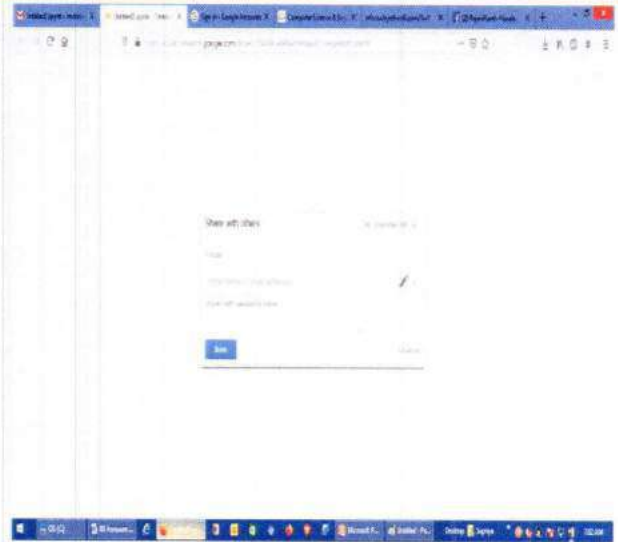
## Academic Activities -Practicals

### Technologies Used:

- Hacker Rank
- Jupiter Notebook
- Google Collab
- Virtual Labs
- Edmodo/Byndr

### Features:

1. Screen sharing
2. Editor Collaboration
3. Ranking



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3



## Academic Activities -snippets



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## Outreach & Internships



Sno	Faculty	Topic	Date
1	Dr.Rajanikanth Aluvalu	Writing effective course outcomes	08/04/2020
2.	Dr.M.A.Jabbar	An insight into Machine Learning	25/04/2020
3	Dr.Rajanikanth Aluvalu	Course Design	06/04/2020
4	Dr.Rajanikanth Aluvalu	Cloud computing fundamentals	27/04/2020
5	Dr.Rajanikanth Aluvalu	Make the Best Business Plan	02/05/2020
6	N PUNEETH & MDN AKASH	GitHub	08-04-20
7	M. PRANAY KASHYAP	Flask	11-04-20
8	NIHARIKA VANKA & PAVAN PATURI	•VOLUNTEER EXPERIENCE, SKILL BOOSTING, •ROLE OF WOMEN IN COMPUTER SCIENCE AND PREPARING FOR UPCOMING INDUSTRY CHALLENGES.	04-04-2020

S. No	Year	No. of Students	No. of CASE Studies
1	II B. TECH	263	90
2	III B. TECH	267	120
Start Week : First week of April-2020			
End Week : First Week of August-2020			

### Coursera Certifications:

- Made mandatory for students to enroll .
- Made mandatory for faculty to enroll courses of their specialization or opted to teach.

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## Google Associate Cloud Engineer Certification (ACE) program



### Program is offered at two levels:

- Level-1: Google cloud foundations - 2 credit course -Offered at II Year in curriculum.
- Level -2 : Google Associate Cloud Engineer(ACE) Program -Offered at 3 year for interested students.
  - selected 25 students and myself. Google spends Rs28000/- on each student for coursera and QWIKlabs.
  - Upon successful completion of this batch google will sponsor another 50 students and 2 faculty members

Welcome to  
IN-ACE Track VARDHAMAN COLLEGE OF ENGINEERING, RANGAREDDI-RAI  
Google Associate Cloud Engineer Track

IN-ACE Track-VARDHAMAN COLLEGE OF ENGINEERING, RANGAREDDI-RAI

140%  
25 Members

100%  
25 learners

96%  
24 Computers

Architecting with Google Comput...  
Google Cloud

Department of Computer Science and Engineering

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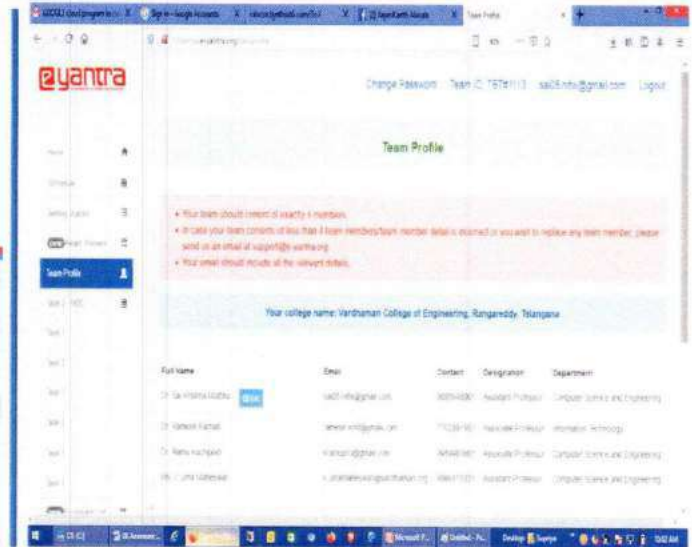


## E-Yantra



### Faculty Undergoing Training:

1. Dr.SaiKrishna
2. Dr.Ramesh.K
3. Dr.Ramu
4. Prof.Uma Maheswari
5. Dr.Gousebaig
6. Prof. Sahithi.G
7. Prof. Pravalika



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## UiPath Academy

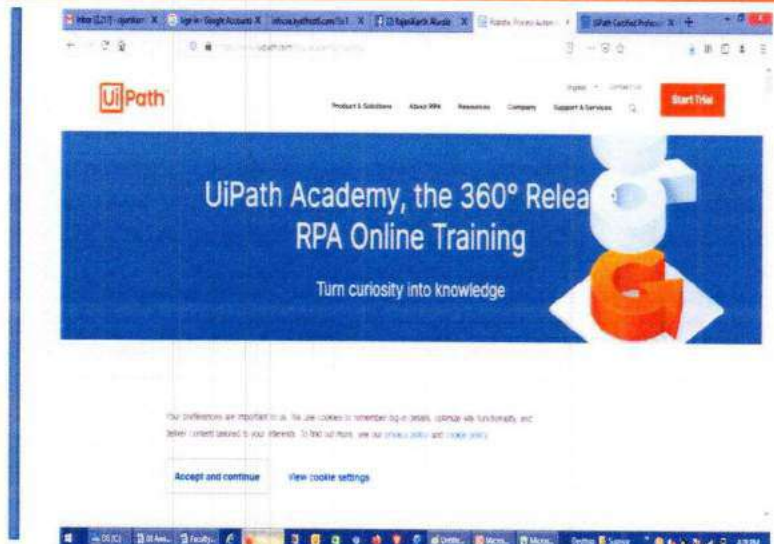


### Course Name:

•RPA Developer Foundation course

### Faculty Undergoing Training:

1. Dr.Anil Kumar
2. Prof.VenuGopal
3. Prof.Uma Maheswari
4. Prof.Madhavi
5. Prof. Nikhila



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## CETA & Professional Society Events



SNO	NAME OF THE EVENT	ORGANIZED BY	SPEAKER(WEBINAR)	DATE	NO. OF PARTICIPANTS
1	12HRS HACKATHON	CETA		22-03-20	220
2	WEB DESIGNING CONTEST	CETA		27-03-20	50
3	HACKEETHON	CETA		29-03-20	120
4	DATABASE QUEST - MINI HACKATHON	CETA		02-04-20	80
5	WEBINAR ON VOLUNTEER EXPERIENCE, SKILL BOOSTING ROLE OF WOMEN IN COMPUTER SCIENCE AND PREPARING FOR UPCOMING INDUSTRY CHALLENGES	WIE	NIHARIKA VANKA & PAVAN PATURI	04-04-20	90
6	MODEL GATE ONLINE EXAM	CETA		06-04-20	650
7	WEBINAR ON GITHUB	CETA	N PUNEETH & MDN AKASH	08-04-20	40
8	WEBINAR ON FLASK	CS	M PRANAY KASHYAP	11-04-20	20
9	WEBINAR ON IMPLICATIONS OF COVID'19 ISSUE ON CURRENT ENGINEERING GRADUATES	SB, PES, ES	DURGA NAVEEN KANDREGULA	18-04-20	90
10	WEBINAR ON OPPORTUNITIES OF DATA SCIENCE	SB, PES, ES	VIJAY PRAVEEN MAHARAJAN	19-04-20	80
11	WEBINAR ON IMAGE PROCESSING AND ITS APPLICATIONS	SB, PES, CS	DR. ABISHEK APPAJI	21-04-20	110
12	POSTER PRESENTATION	SB		22-04-20	10
13	ARTICLE WRITING CONTEST	SB		22-04-20	7
14	WEBINAR ON EVOLUTION OF TALENT ACQUISITION IN THE CURRENT TIMES	SB, PES, WIE	VIKAS DUA	22-04-20	140
15	PYTHON CODATHON - MINI HACKATHON	CETA		26-04-20	80
16	WEBINAR ON CAREER AND EMPLOYMENT OPPORTUNITIES POST COVID'19	SB, ES	DR. PAWAN DWIVEDI	30-04-20	60
17	WEBINAR ON ADVANCES IN MACHINE INTELLIGENCE	SB, CS, ES	PROF. SANTOSH CHAPANERI	03-05-20	30
18	WEBINAR ON MYTHS AND FACTS ON DATA SCIENCE	SB, CS, ES	MADHU VADLAMANI	04-05-20	25
19	WEBINAR ON BIG DATA & BIG DATA ANALYTICS	SB, CS, ES	DR. HEMANT GIANEY	05-05-20	83

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# Thank You!

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*Ravi Indu*





## Profile of ECE Department Presented to Governing Body, VCEH

Meeting No. #21, 08-05-2019

Presented by

**Dr. G. A. E. Satish Kumar**

Head, Dept. of Electronics and Communications Engineering  
Vardhaman College of Engineering, Hyderabad

Department of Electronics and Communication Engineering

1

## COVID-19 Scenario



30 January



12/14/2020

Department of Electronics and Communication Engineering

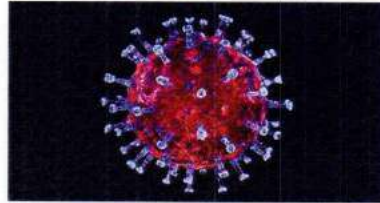
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## Lockdown period scenario



This was a Big Shift for EVERYONE



- Helping the learners via Online Mode
- Considerations for Pandemic Pedagogy

12/14/2020

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## Teaching - Learning Process



We as instructors and as problem solvers, investigated tools that would allow us to get information to our students. These are just a few of those tools that many of us have been experimenting with

skype™

Google+



GOOGLE CLASSROOM

zoom

WIZIQ



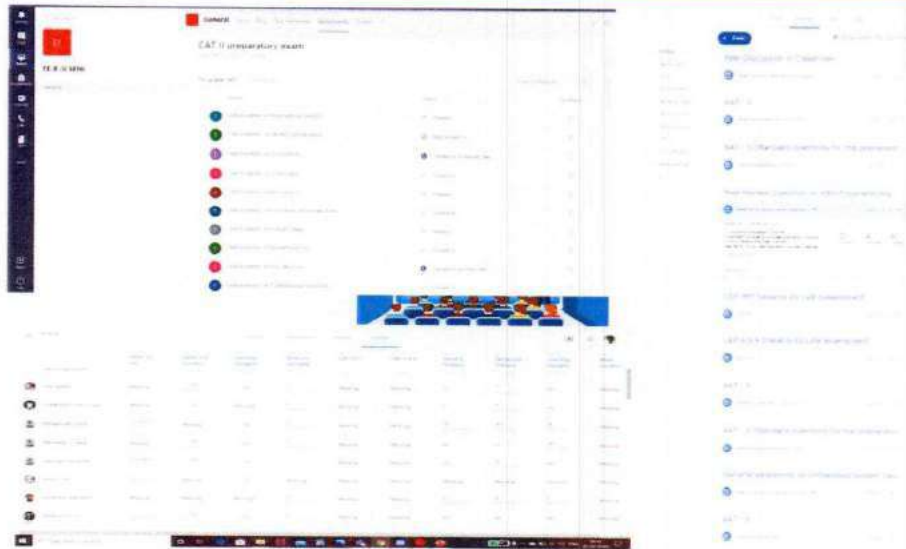
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## Notifications, Peer Assessments, Assignments, AATs etc



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## Remote Practice Sessions



**Emona Multi-User, Remotely Controlled Experiments in Electronics and Telecoms**  
 Emona offers a range of hardware experiments (NOT SIMULATIONS) which classes of students use a single equipment to carry out experiments in real time.  
 • Easy student access: From anywhere on web browser, log on with USERNAME/PASSWORD  
 • Many students can run independent experiments simultaneously due to very fast time-share technology

<https://netcircuitlabs.com/#experiments>  
<https://www.emona-tims.com/emona-product/emona-online-labs/nettims-freewire/>



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## Remote Practice Sessions



<http://free.aicte-india.org/On-line-Engineering-Teaching-Resources.php>



<https://in.mathworks.com/learn/tutorials/machine-learning-onramp.html>



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## Faculty Contributions



Courses registered through /Coursera/NPTEL/MOOCs	162
Webinars attended	174
Online FDPs attended (conducted by ATAL/MSME/NITTTR etc )	60
Research papers under write up/submitted for publication	58
Research proposals prepared for DST/MeitY etc	08
Webinars planed to organize	08
Technology updating programs participated	12
Online assessments conducted	188

12/14/2020

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## Students Achievements



Students registered through /Coursera/NPTEL/MOOCs	570+
Students online training (GATE/GRE/TOEFL)	33
Students trained online internship(outside)	26
Students participated in competition	30
Students participated in online academic & assessment activities	75 -80%
Students participated in (IEEE/IETE/ISTE) activities	60-65%
Projects turned in to research papers	63%

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## Factors impact student performance as remote/online learners



- Increased responsibilities, anxiety, family issues, and more
- One laptop in family
- Limited data plan
- No dedicated work space
- Workloads/assignments increased significantly
- Feeling detached ,unorganized and unmotivated
- Do not have access to essential material
- Students have no idea on how to be good remote learner

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## Support given to students



- Students received specific messaging about their condition
- Students received specific advises about social/physical distancing, symptoms, wearing masks or the like
- Students received specific information about best practices for remote work

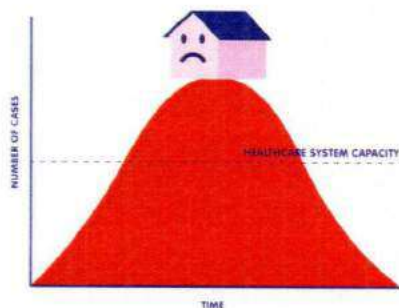
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**STAY HOME  
FLATTEN THE CURVE**



**Thank  
You!**

12/14/2020

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*Raindu*





## Assessments and Examinations (During Lockdown)

### Governing Body, VCEH

Meeting No. #21, 08-05-2019

Presented by

**Dr. H. Venkateswara Reddy**

Controller of Examinations

Vardhaman College of Engineering, Hyderabad

Examination Branch

1

1

### Committee Formation



**Online Examination Committee was formed by CEO sir on April 22,2020.**

**Objective:** The main objective of online examination committee is to identify a suitable technology platform for conducting online examinations with all

security measures incorporated

#### Members:

1. Dr. H. Venkateswara Reddy, COE (Chairman)
2. Mr. K. L. Raghavendar Reddy, ACOE
3. Dr. A. Rajanikanth, HOD-CSE
4. Dr. V. Munisekhar, HOD-IT
5. Mr. A. Bhanu Prasad, Assoc. Prof., CSE
6. Mr. R. Appa Rao, Asst. Prof.,CSE
7. Mr. G. S. Prasada Reddy, Asst. Prof., CSE

8. Mr. P. Jeevan Kumar, Asst. Prof., IT 2

2

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## Series of meetings held



In the process of identifying technology platform and also the guidelines or rules to be followed in the process of online examinations, series of meetings were held convened by CEO sir, Principal sir and Controller of Examinations with online examination committee members, Board of Examiners

### Series of meetings held :

1. First meeting of joint BOS & BOE [April 22,2020]
2. Meeting was held by with all members of online examination committee to discuss about possible options in conducting online exam for students during this lock down period.[April 23,2020]
3. Third party online assessment application Demo [April 24, 2020]
4. Second meeting of joint BOS and BOE [April 27,2020]
5. Second meeting of online examination committee [April 28,2020]
6. Meeting with BOE and online examination committee[May 3,2020]
7. Meeting with BOE and online examination committee [May 5,2020]

08-05-2020 From all departments.

Examination Branch

3

3

## Decisions Taken



1. Decided to conduct Online MOCK MCQ's -SEE by using Moodle software.
2. Exam consists of 100 questions and duration is 90 minutes.
3. Student can take exam from any device which supports web browser and internet.
4. Student will receive his examination key to their college email only on the day of exam.
5. General instructions for Online Mock MCQs's-SEE were circulated to all students through college official email.
6. To conduct a trial exam.
7. Helpline contacts were given so that students can contact in the case of any technical issues during online examinations.

08-05-2020

Examination Branch

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## Positives



1. Involving students to prepare the Question Bank(QB).(students hidden skills are identified)
2. QB for all the courses according to Bloom's levels.
3. Improving the student learning capabilities and also assessing them.
4. Promoting Vardhaman mail IDs.
5. Team work of HODs, BOE and Course leads to prepare QB
6. Joint BOS-BOE raised issues and suggestions are helped to resolve many existing technical problems and made the online assessment methods to student friendly.
7. Not only engaging students during the lock down period but also making them to concentrate on their studies.
8. Results are displayed immediately.

08-05-2020

Examination Branch

5

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## Challenges



1. Preparation of an ideal QB for all the courses with minimum of 300 MCQs, in spite of technical issues faced by the faculty.
2. Conveying information to all the students as some of them are at remote locations.
3. Some of the student's and also parent's mobile numbers contains in our database are changed.
4. Exam is being conducted first time through internet using moodle.
5. To measure the load capacity of the Server.

08-05-2020

Examination Branch

6

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*Ravindra*



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# Thank You!

Examination Branch

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**VARDHAMAN COLLEGE OF ENGINEERING, HYDERABAD**  
Autonomous institute, affiliated to JNTUH

**MINUTES OF 21<sup>ST</sup> GOVERNING BODY MEETING**

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