



# KASIREDDY NARAYANREDDY COLLEGE OF ENGINEERING & RESEARCH.

(Approved by AICTE & Affiliated to JNTUH)


Abdullapur (V), Abdullapurmet (M), R.R Dist, 501505, Telangana, INDIA.

Email : [principal@knrcer.ac.in](mailto:principal@knrcer.ac.in) ; website: [www.knrcer.ac.in](http://www.knrcer.ac.in)

## 2.3.1 Teachers use ICT enabled tolls for effective teaching –learning process

### Index

S.NO	Description	Page No.
1	Sample copy of Chalk board	2
2	Sample copy of Online Teaching	3
3	Sample copy of Integrated courses	4
4	Sample copy of Massive Open online course	5
5	Sample copy of Social Media in Education	7
6	Sample copy of Ability Assessment Test	9
7	Sample copy of Microsoft Teams	10
8	Sample copy of Google Forms	12
9	Sample copy of Slide share	13
10	Sample copy of Course Handouts	14

  
PRINCIPAL  
KASIREDDY NARAYANREDDY COLLEGE  
OF ENGINEERING AND RESEARCH  
Abdullapur (V), Abdullapurmet (M),  
R.R. District-501 505.



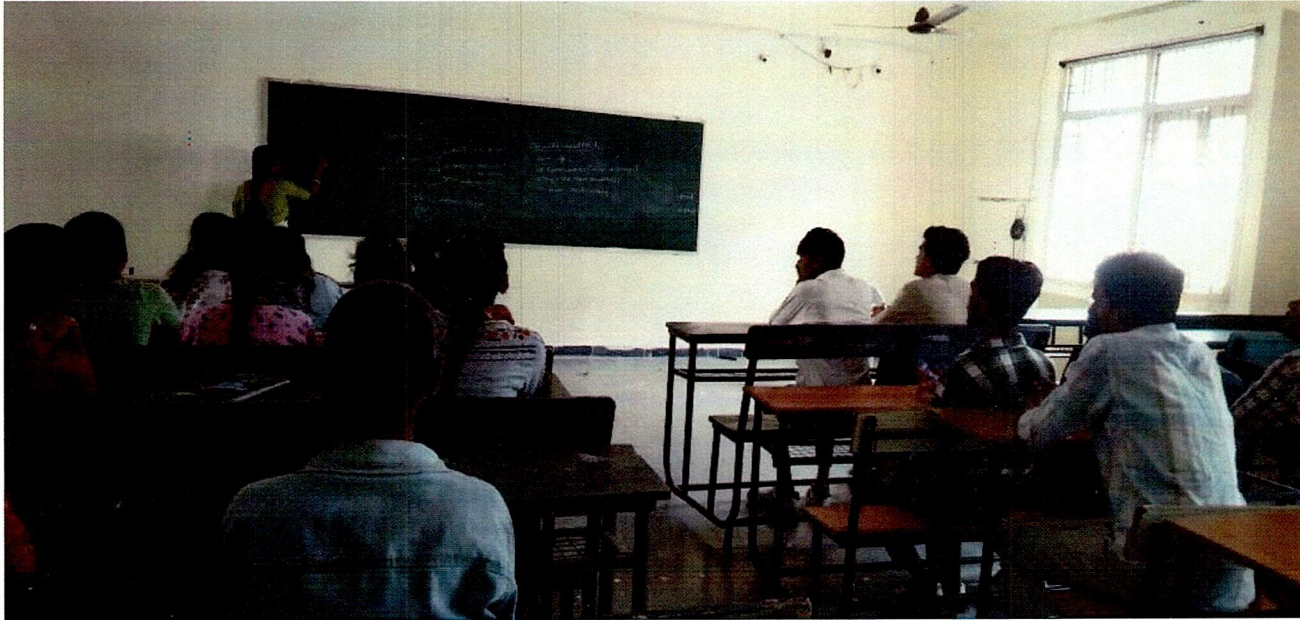
# KASIREDDY NARAYANREDDY COLLEGE OF ENGINEERING & RESEARCH.

(Approved by AICTE & Affiliated to JNTUH)

Abdullapur (V), Abdullapurmet (M), R.R Dist, 501505, Telangana, INDIA.

Email : [principal@knrcer.ac.in](mailto:principal@knrcer.ac.in) ; website: [www.knrcer.ac.in](http://www.knrcer.ac.in)


1. **Chalk board (Lecture Method):** To convey basics, critical information, history, background, theories and equations.



Ms. Y.Mounica, Assistant Professor of Computer Science and Engineering Department explaining “Python” for B.Tech CSE II Year I Semester students by using Chalk board. (AY 2021-22)



Dr.P.Satish Reddy, Assoc. Professor of Computer Science and Engineering Department explaining

  
PRINCIPAL  
2 KASIREDDY NARAYANREDDY COLLEGE  
OF ENGINEERING AND RESEARCH  
Abdullapur (V), Abdullapurmet (M),  
R.R. District-501 505.



**KASIREDDY NARAYANREDDY COLLEGE OF ENGINEERING & RESEARCH.**

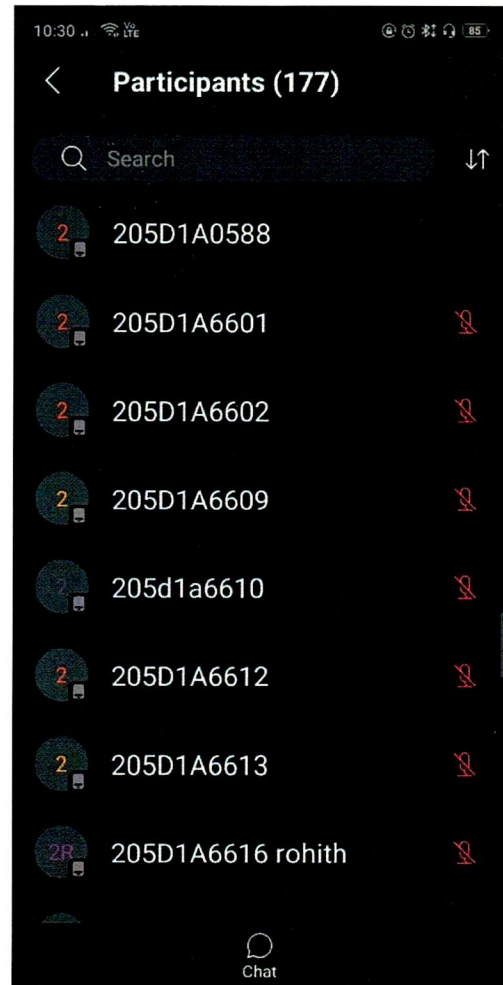
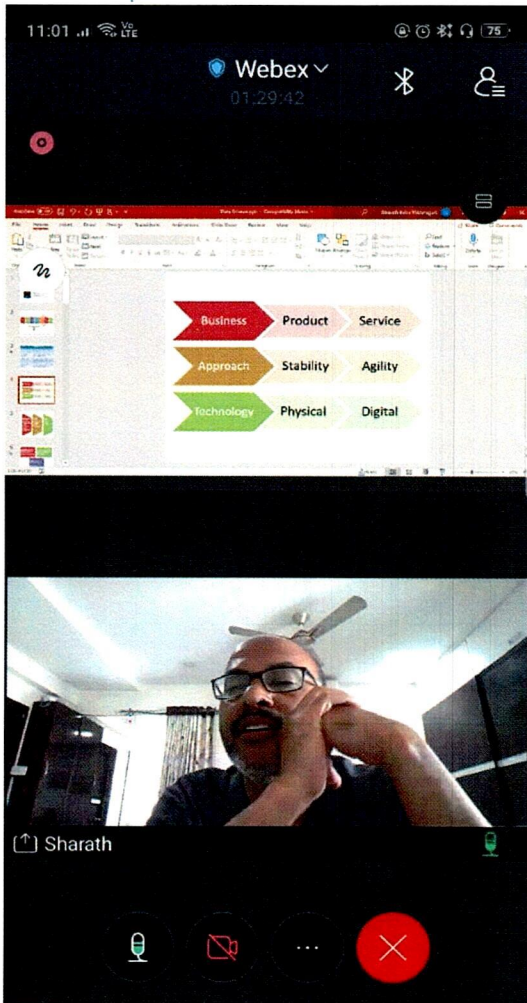
(Approved by AICTE & Affiliated to JNTUH)

Abdullapur (V), Abdullapurmet (M), R.R Dist, 501505, Telangana, INDIA.


Email : [principal@knrcer.ac.in](mailto:principal@knrcer.ac.in) ; website: [www.knrcer.ac.in](http://www.knrcer.ac.in)

“Computer Networks” for B.Tech CSE IV Year I Semester students by using Digital Class Room.  
(AY 2021-22)

**2. Online Teaching:** Faculty made a swift transition from classroom to online teaching by using WebEx platform.



Faculty of Mr.P.Venkateshwar Rao Assoc. Professor Of CSE Department Explaining “Software Technology for B.Tech CSE, CSM III Year I Semester Students by using WebEx online platform.  
(A.Y2019-2020)

  
**PRINCIPAL**  
**KASIREDDY NARAYANREDDY COLLEGE**  
**OF ENGINEERING AND RESEARCH**  
Abdullapur (V), Abdullapurmet (M),  
R.R. District-501 505.



## KASIREDDY NARAYANREDDY COLLEGE OF ENGINEERING & RESEARCH.

(Approved by AICTE & Affiliated to JNTUH)

Abdullapur (V), Abdullapurmet (M), R.R Dist, 501505, Telangana, INDIA.

Email : [principal@knrcer.ac.in](mailto:principal@knrcer.ac.in) ; website: [www.knrcer.ac.in](http://www.knrcer.ac.in)

3. **Integrated courses:** Faculty members of Kasireddy Narayanreddy College of Engineering & Research College used Virtual labs apart from regular laboratory tool for enhancing their skills beyond the curriculum.



Faculty of Mechanical Department Asst.Prof. N.Srikanth performing Fluid mechanics and hydraulic mechnes lab apart from regular labs

  
PRINCIPAL  
KASIREDDY NARAYANREDDY COLLEGE  
OF ENGINEERING AND RESEARCH  
Abdullapur (V), Abdullapurmet (M),  
R.R. District-501 505.



# KASIREDDY NARAYANREDDY COLLEGE OF ENGINEERING & RESEARCH.

(Approved by AICTE & Affiliated to JNTUH)

Abdullapur (V), Abdullapurmet (M), R.R Dist, 501505, Telangana, INDIA.

Email : [principal@knrcer.ac.in](mailto:principal@knrcer.ac.in) ; website: [www.knrcer.ac.in](http://www.knrcer.ac.in)

4. **Massive Open online course:** Faculty enrolls for various courses NPTEL, SWAYAM for better understanding of the subject and encourages the students to get certified.



**NPTEL Online Certification**  
(Funded by the MoE, Govt. of India)

This certificate is awarded to  
**SANGEETHA CHIKKULLA**  
for successfully completing the course

**Cloud Computing**  
with a consolidated score of **55** %

Online Assignments	24.75/25	Proctored Exam	30/75
--------------------	----------	----------------	-------

Total number of candidates certified in this course: **9640**

Jul-Oct 2022  
(12 week course)

Prof. Debjani Chakraborty  
Coordinator, NPTEL  
IIT Kharagpur

Indian Institute of Technology Kharagpur

swayam

Roll No: NPTEL22CS87563693761 To validate the certificate No. of credits recommended: 3 or 4



**Elite NPTEL Online Certification**  
(Funded by the MoE, Govt. of India)

This certificate is awarded to  
**SREENIVASULA VARALAKSHMI**  
for successfully completing the course

**Cloud Computing**  
with a consolidated score of **61** %

Online Assignments	24.28/25	Proctored Exam	36.22/75
--------------------	----------	----------------	----------

Total number of candidates certified in this course: **9640**

Jul-Oct 2022  
(12 week course)

Prof. Debjani Chakraborty  
Coordinator, NPTEL  
IIT Kharagpur

Indian Institute of Technology Kharagpur

swayam

Roll No: NPTEL22CS87553692860 To validate the certificate No. of credits recommended: 3 or 4

Faculty Members of CSE Sangeetha Chikkulla and S.Varalakshmi Getting NPTEL Online certificate on "CLOUD COMPUTING" A.Y.(2021-22)



**Elite NPTEL Online Certification**  
(Funded by the MoE, Govt. of India)

This certificate is awarded to  
**VEDA GANESH**  
for successfully completing the course

**Introduction to Internet of Things**  
with a consolidated score of **61** %

Online Assignments	21.85/25	Proctored Exam	39/75
--------------------	----------	----------------	-------

Total number of candidates certified in this course: **9793**


Jul-Oct 2022  
(12 week course)

Prof. Debjani Chakraborty  
Coordinator, NPTEL  
IIT Kharagpur

Indian Institute of Technology Kharagpur

swayam

Roll No: NPTEL22CS96543691470 To validate the certificate No. of credits recommended: 3 or 4

  
**PRINCIPAL**  
**KASIREDDY NARAYANREDDY COLLEGE**  
**OF ENGINEERING AND RESEARCH**  
 Abdullapur (V), Abdullapurmet (M),  
 R.R. District-501 505.



# KASIREDDY NARAYANREDDY COLLEGE OF ENGINEERING & RESEARCH.

(Approved by AICTE & Affiliated to JNTUH)

Abdullapur (V), Abdullapurmet (M), R.R Dist, 501505, Telangana, INDIA.

Email : [principal@knrcer.ac.in](mailto:principal@knrcer.ac.in) ; website: [www.knrcer.ac.in](http://www.knrcer.ac.in)

Faculty Members of ECE V.Ganesh Certified in Introduction to Internet of Things AY (2021.22)

This certificate is computer generated and can be verified by scanning the QR code given below. This will display the certificate from the NPTEL repository, <https://nptel.ac.in/noc/>

**Roll No: NPTEL21CS85S13582675**

**TO**  
**VAISHALI KARNEWAR**  
**ADILABAD**  
**VIDHYANAGAR**  
**ADILABAD**  
**TELANGANA - 504001**  
**PH. NO :9391190770**

Score	Type of Certificate
>=90	Elite+Gold
75-89	Elite+Silver
>=60	Elite
40-59	Successfully Completed
<40	No Certificate

**No. of credits recommended by NPTEL:2**  
 An additional 1 credit may be awarded if the University deems it fit, based on the actual student effort involved.

## Elite

# NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)

This certificate is awarded to  
**VAISHALI KARNEWAR**  
 for successfully completing the course  
**Introduction to Machine Learning**  
 with a consolidated score of **64** %

Online Assignments	19.38/25	Proctored Exam	45/75
--------------------	----------	----------------	-------

Total number of candidates certified in this course: **1383**

**Prof. G P Raja Sekhar**  
Dean, Continuing Education  
IIT Kharagpur

**Jul-Sep 2021**  
(8 week course)

**Prof. Debjani Chakraborty**  
Coordinator, NPTEL  
IIT Kharagpur

Indian Institute of Technology Kharagpur

Roll No: NPTEL21CS85S13582675 To validate and check scores: <https://nptel.ac.in/noc/>

Student of CSE Department Vishali Karena Certified in Introduction to Machine Learning AY (2021-22)

**PRINCIPAL**  
**KASIREDDY NARAYANREDDY COLLEGE**  
**OF ENGINEERING AND RESEARCH**  
 Abdullapur (V), Abdullapurmet (M),  
 R.R. District-501 505.



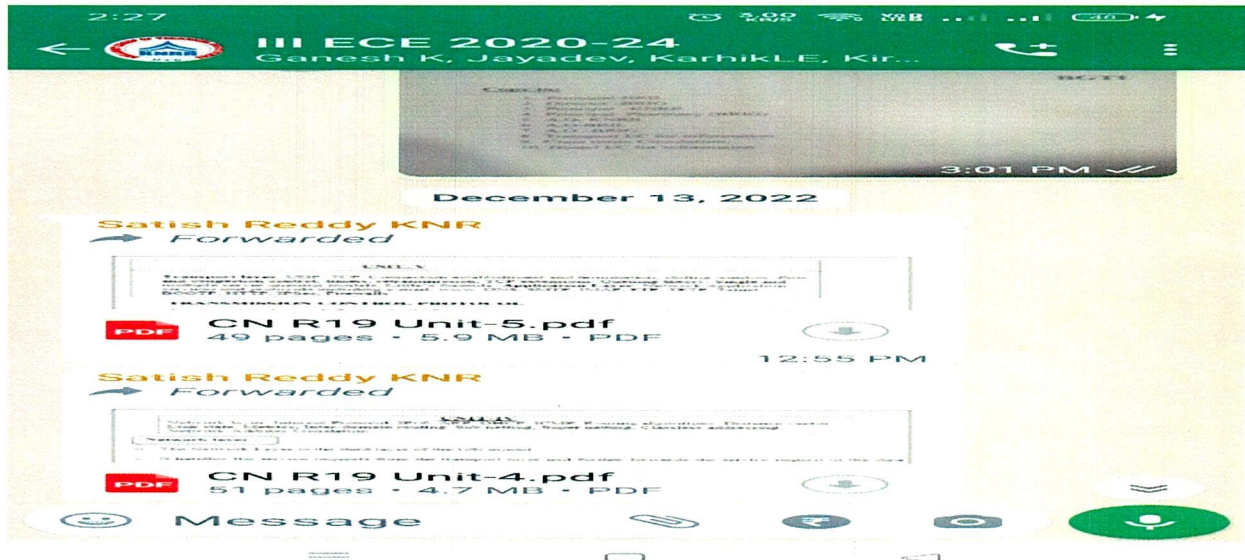
# KASIREDDY NARAYANREDDY COLLEGE OF ENGINEERING & RESEARCH.

(Approved by AICTE & Affiliated to JNTUH)

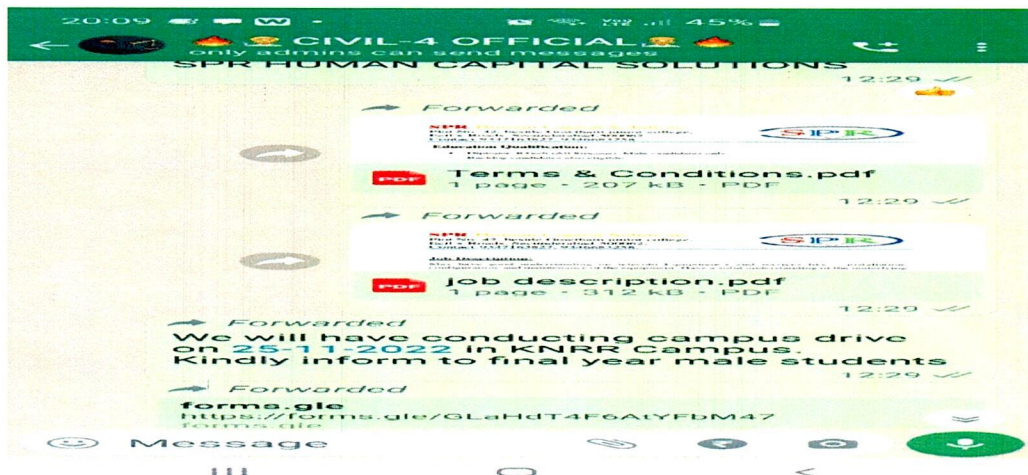
Abdullapur (V), Abdullapurmet (M), R.R Dist, 501505, Telangana, INDIA.

Email : [principal@knrcer.ac.in](mailto:principal@knrcer.ac.in) ; website: [www.knrcer.ac.in](http://www.knrcer.ac.in)


5. **Social Media in Education:** Faculty members use the social media platforms like whatsapp and Telegram to connect with the students for sharing information.



Faculty of ECE Shared unit wise notes using Whatup social media (A.Y202-21)



Faculty of CIVIL ENGINEERING Shared Campus drive Information using what up social media (A.Y202-21)

  
**PRINCIPAL**  
KASIREDDY NARAYANREDDY COLLEGE  
OF ENGINEERING AND RESEARCH  
Abdullapur (V), Abdullapurmet (M),  
R.R. District-501 505.



**KASIREDDY NARAYANREDDY COLLEGE OF ENGINEERING & RESEARCH.**


(Approved by AICTE & Affiliated to JNTUH)

Abdullapur (V), Abdullapurmet (M), R.R Dist, 501505, Telangana, INDIA.

Email : [principal@knrcer.ac.in](mailto:principal@knrcer.ac.in) ; website: [www.knrcer.ac.in](http://www.knrcer.ac.in)



Faculty of AIML Shared unit wise notes using what up social media.A.Y (2020-21)

  
**PRINCIPAL**  
**KASIREDDY NARAYANREDDY COLLEGE**  
**OF ENGINEERING AND RESEARCH**  
Abdullapur (V), Abdullapurmet (M),  
R.R. District-501 505.





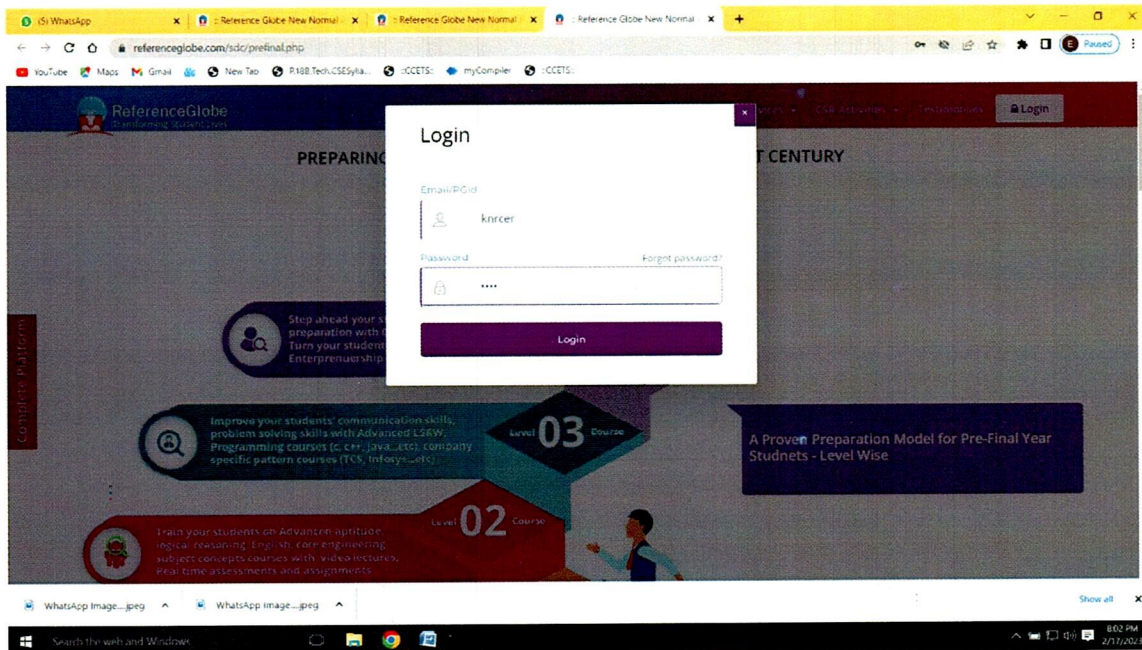
## KASIREDDY NARAYANREDDY COLLEGE OF ENGINEERING & RESEARCH.

(Approved by AICTE & Affiliated to JNTUH)


Abdullapur (V), Abdullapurmet (M), R.R Dist, 501505, Telangana, INDIA.

Email : [principal@knrcer.ac.in](mailto:principal@knrcer.ac.in) ; website: [www.knrcer.ac.in](http://www.knrcer.ac.in)

**6. Ability Assessment Test:** The institution providing various online platforms like, Reference globe for training and to assess the capabilities of students in analytical skills, aptitude, technical skills.



Training and Assessment test on Aptitude & Reasoning for IV year I semester Students by using reference Globe digital Platform.(A.Y.2020-21)

  
**PRINCIPAL**  
**KASIREDDY NARAYANREDDY COLLEGE**  
**OF ENGINEERING AND RESEARCH**  
Abdullapur (V), Abdullapurmet (M),  
R.R. District-501 505.



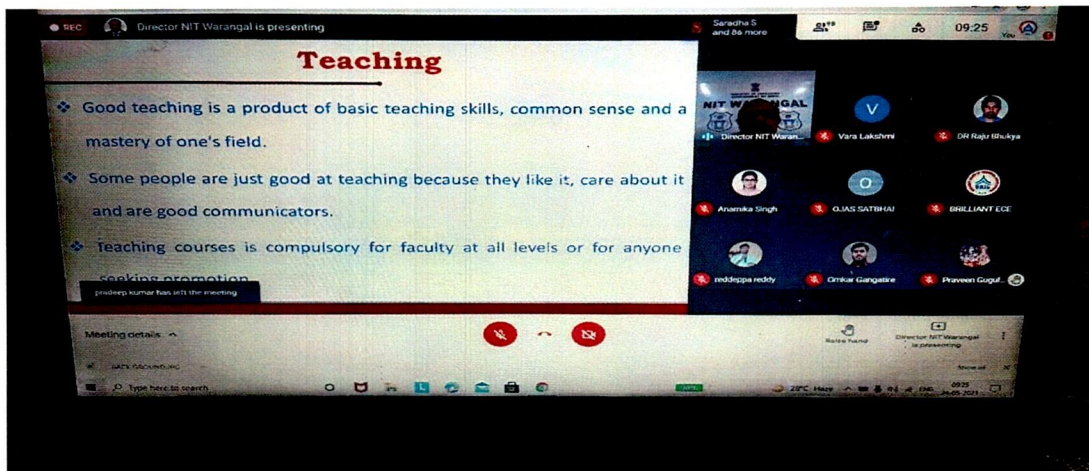
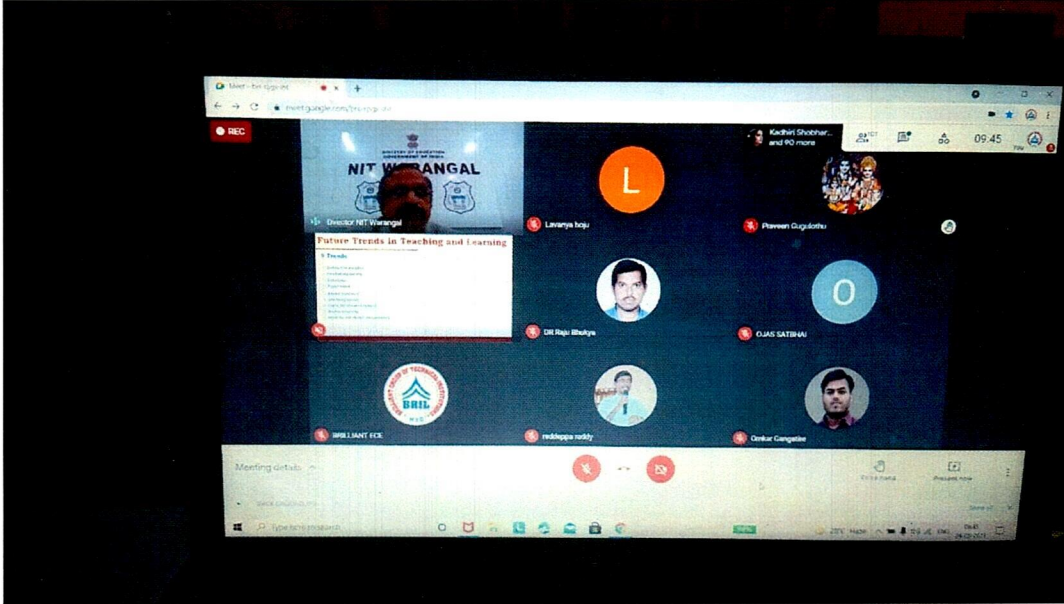
## KASIREDDY NARAYANREDDY COLLEGE OF ENGINEERING & RESEARCH.

(Approved by AICTE & Affiliated to JNTUH)

Abdullapur (V), Abdullapurmet (M), R.R Dist, 501505, Telangana, INDIA.

Email : [principal@knrcer.ac.in](mailto:principal@knrcer.ac.in) ; website: [www.knrcer.ac.in](http://www.knrcer.ac.in)

7. **Microsoft Teams:** KNR CER faculty using WEBEX class room for Create and manage classes, assignments, and grades online without paper and materials to your assignment.





# KASIREDDY NARAYANREDDY COLLEGE OF ENGINEERING & RESEARCH.


(Approved by AICTE & Affiliated to JNTUH)

Abdullapur (V), Abdullapurmet (M), R.R Dist, 501505, Telangana, INDIA.

Email : [principal@knrcer.ac.in](mailto:principal@knrcer.ac.in) ; website: [www.knrcer.ac.in](http://www.knrcer.ac.in)



Faculty Members Share screen share to the students during online classes

  
**PRINCIPAL**  
**KASIREDDY NARAYANREDDY COLLEGE**  
**OF ENGINEERING AND RESEARCH**  
**Abdullapur (V), Abdullapurmet (M),**  
**R.R. District-501 505.**



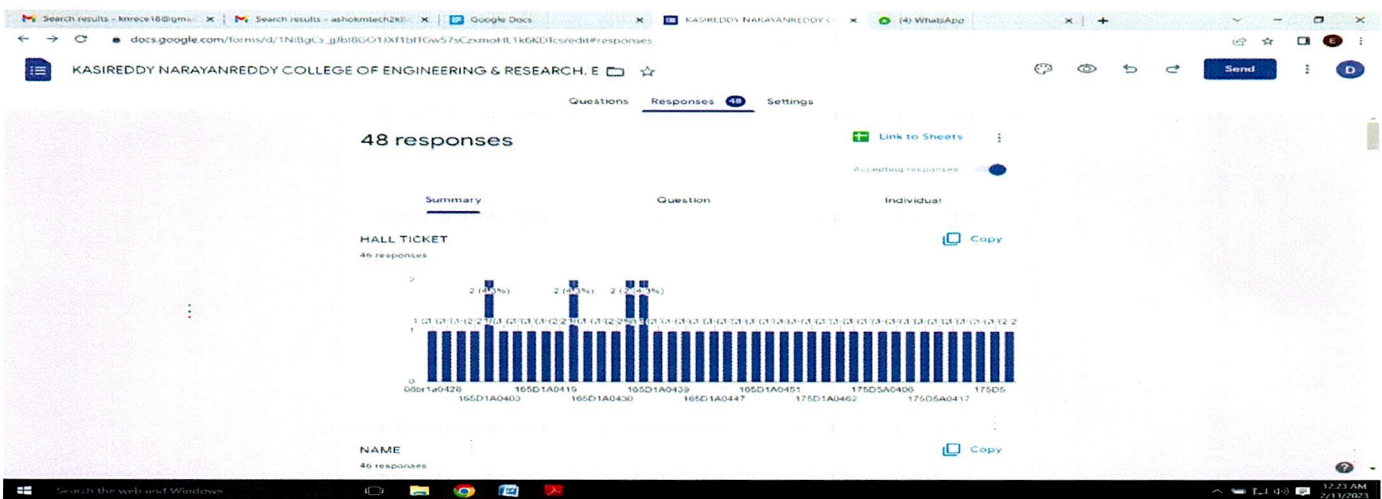
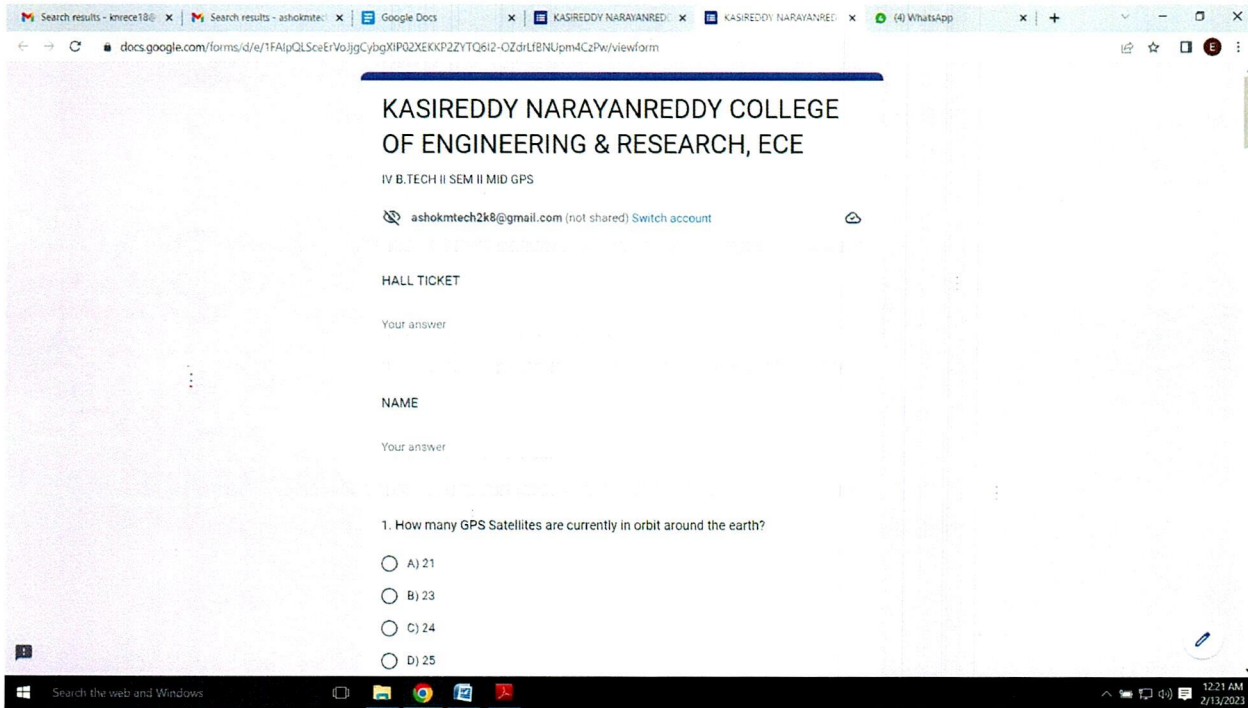
# KASIREDDY NARAYANREDDY COLLEGE OF ENGINEERING & RESEARCH.

(Approved by AICTE & Affiliated to JNTUH)

Abdullapur (V), Abdullapurmet (M), R.R Dist, 501505, Telangana, INDIA.

Email : [principal@knrcer.ac.in](mailto:principal@knrcer.ac.in) ; website: [www.knrcer.ac.in](http://www.knrcer.ac.in)

8. **Google Forms:** The faculty of KNRCER using Google forms for assessing the students for quiz. Assignments etc.

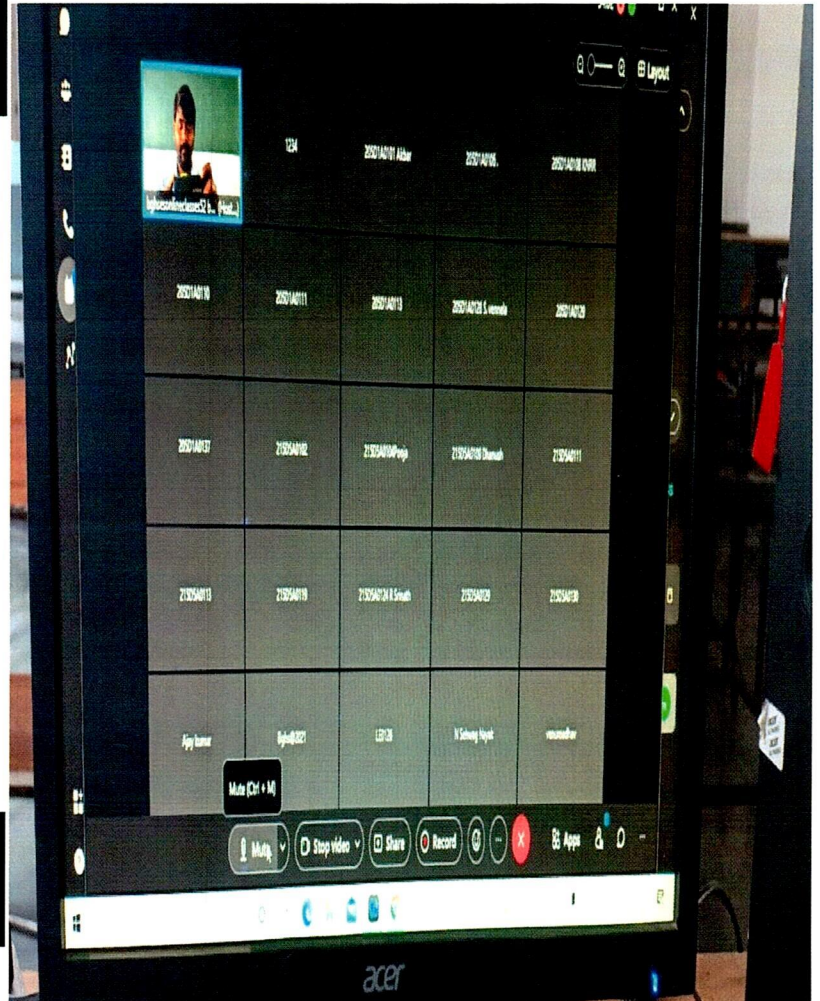
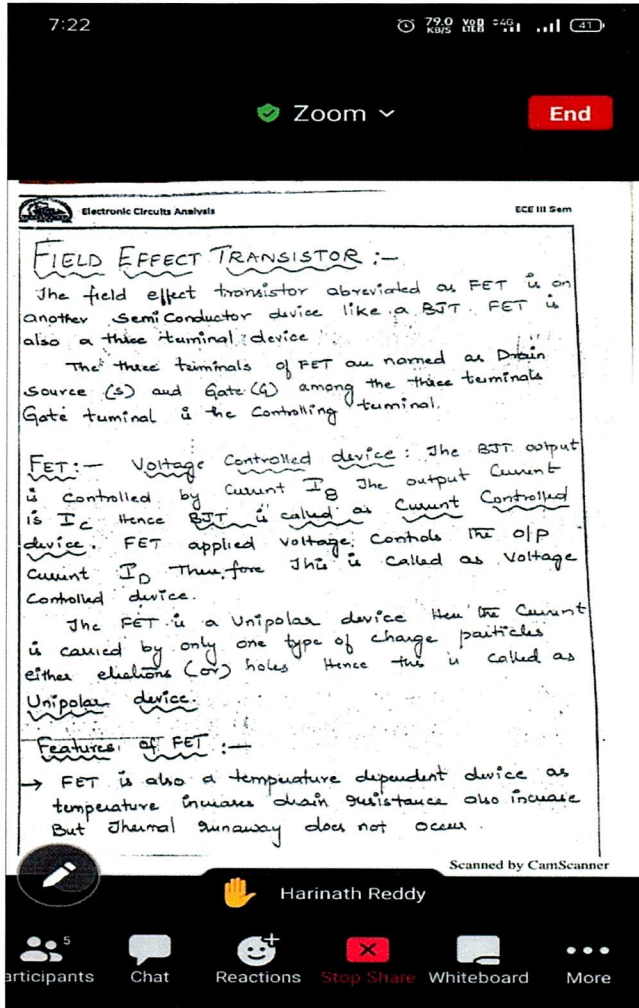


Mid-II Exam (objective Type) on Global Positioning System (GPS) For IV B.Tech II Semester by Google Forms(A.Y.2019-20)


12 **PRINCIPAL**  
KASIREDDY NARAYANREDDY COLLEGE  
OF ENGINEERING AND RESEARCH  
Abdullapur (V), Abdullapurmet (M),  
R.R. District-501 505.



9. Slide share: With the help of Google Slides, faculty presents the content at the real time.



Faculty of G, Ramakrishna, Associate Professor of ECE Department Delivering content of “Field Effect transistor” II Year I Semester Students through Slide Share. (AY.2019-2020)

  
PRINCIPAL  
KASIREDDY NARAYANREDDY COLLEGE  
OF ENGINEERING AND RESEARCH  
Abdullapur (V), Abdullapurmet (M),  
R.R. District-501 505.



**KASIREDDY NARAYANREDDY COLLEGE OF ENGINEERING & RESEARCH.**

(Approved by AICTE & Affiliated to JNTUH)

Abdullapur (V), Abdullapurmet (M), R.R Dist, 501505, Telangana, INDIA.

Email : [principal@knrcer.ac.in](mailto:principal@knrcer.ac.in) ; website: [www.knrcer.ac.in](http://www.knrcer.ac.in)

**10. Course Handouts:** Course handout consists of Video lectures, Lecture Notes. Assignment questions, Tutorial questions and answers a model question papers.

**NAME OF THE FACULTY: P.SEETHA RAMAIAH Asst.Prof.**

**NAME OF THE COURSE: UNDER GRADUATION**

**NAME OF THE SUBJECT : CONTROL SYSTEMS**

**COURSE CODE : EC503PC**

**NAME OF THE DEPT: ELECTRONICS AND COMMUNICATION ENGINEERING**

**NAME OF THE FACULTY: P.SITHARAMAIAH**

**CLASS: III YEAR B.TECH – I SEM ECE**

**ACADEMIC YEAR: 2018-2019**

**PRINCIPAL**  
**KASIREDDY NARAYANREDDY COLLEGE**  
**OF ENGINEERING AND RESEARCH**  
Abdullapur (V), Abdullapurmet (M),  
R.R. District-501 505.



# KASIREDDY NARAYANREDDY COLLEGE OF ENGINEERING & RESEARCH.

(Approved by AICTE & Affiliated to JNTUH)

Abdullapur (V), Abdullapurmet (M), R.R Dist, 501505, Telangana, INDIA.

Email : [principal@knrcer.ac.in](mailto:principal@knrcer.ac.in) ; website: [www.knrcer.ac.in](http://www.knrcer.ac.in)

## COURSE FILE CHECK LIST

NAME OF THE FACULTY: **P.SITHARAMAIAH, Asst.Prof. ECE DEPT**


NAME OF COURSE: **CONTROL SYSTEMS**

COURSE CODE: **EC503PC**

**B.TECH: III**

**SEM:I**

S.NO	CONTENTS
1	Course/Subject name
2	Prepared By-Faculty Name
3	Dept
4	A.Y/Sem
5	Class
6	V/M/PEO/POs/PSOs
7	Course Syllabus Including Course Structure
8	Course Outcomes(CO)
9	Mapping CO with PO/PSO, Course With PO /PSO, Academic Calendar
10	Time Table-Highlighting Your Course Periods including tutorial
11	Lesson Plan With number of hours/Periods, TA/TM, Text/references books
12	Gap with the Syllabus-Mapping to CO,PO/PSO
13	Gap beyond the syllabus-Mapping to PO/PSO
14	Gap addressed by a recourse person-Document
15	Gap addressed by any other teaching aid/methodology
16	Web References
17	Lecture Notes
18	List of PowerPoint Presentation/Video's
19	CD with PPT/Videos
20	University Question Papers
21	Internal Question Papers, Key with CO&BLOOMS Level of Learning(BLL)
22	Assignment question Papers mapped with CO&BLL
23	Scheme of Evaluation with CO&BLL Mapping
24	Tutorial Topics with evidence
25	Identifying a weak and Advanced Lerner before the semester start by the previous semester performance and pre-Requisite course
26	Identifying a weak and Advanced Lerner after three weeks of observations
27	Identifying a weak and Advanced Lerner after I mid
28	Remedial Class for weak Students-Schedule and evidences
29	Bright Students engagement Documentations
30	Result analysis at the end of the course
31	Course Assessment
32	CO,PO/PSO attainment
33	Quality audit by H.O.D and IQAC

  
PRINCIPAL  
KASIREDDY NARAYANREDDY COLLEGE  
OF ENGINEERING AND RESEARCH  
Abdullapur (V), Abdullapurmet (M),  
R.R. District-501 505.