



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 ; website: www.knrcer.ac.in

2.3.1 Student centric methods, such as Experiential learning, participative learning problem Solving Methodologies are used for enhancing learning experiences.

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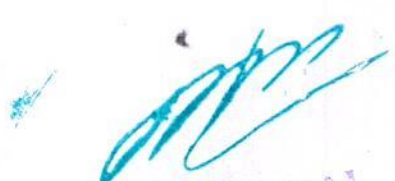
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Experiential learning: The institution offers experiential learning for students with the following approaches:

- 1. Laboratory Sessions:** Laboratory Sessions are conducted for better understanding of theoretical concepts.



Students of ECE Department, II Year I Semester performing Lab *Experiments* in “Electronic Devices and circuits Lab (A.Y 2023-2024)”


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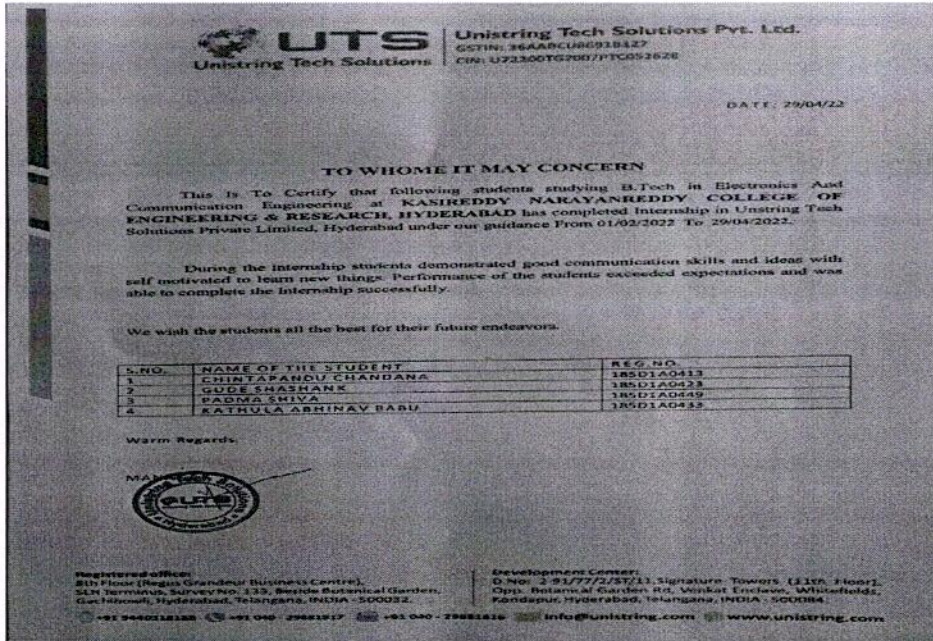
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2. Internships: Internships are provided to students through MOUs with the industries.



Mis. CH.Chandana, Mr.G.Shashank, Mr.P.Shiva, Mr. K.Abhinav Babu,, Students of ECE Department has completed internship from at UTS(Unstrings Tech Solutions Pvt. Ltd.(A.Y.2023-2024).

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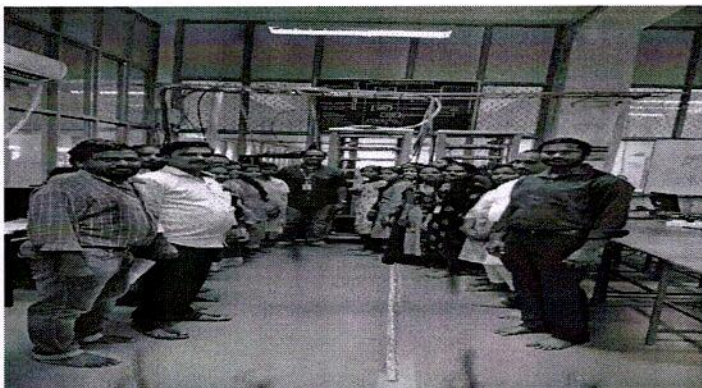
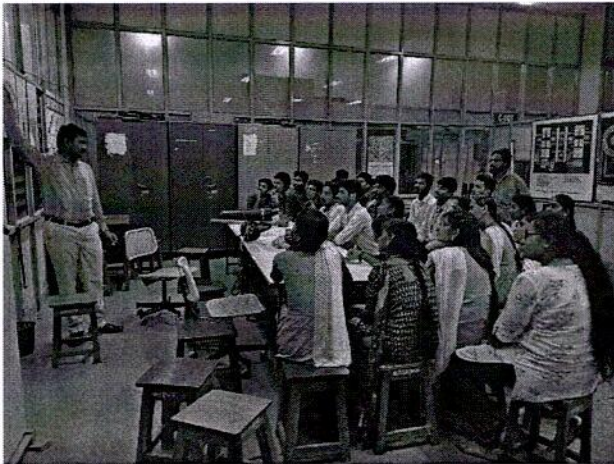
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3. Sample copy of Industrial study visits & Field visits: Organized to expose to expose to expose to the current technologies and to provide an opportunity to learn practically through interaction.



III YR ECE Students Industrial visit BSNL at HYDERABAD (AY.2023-2024)


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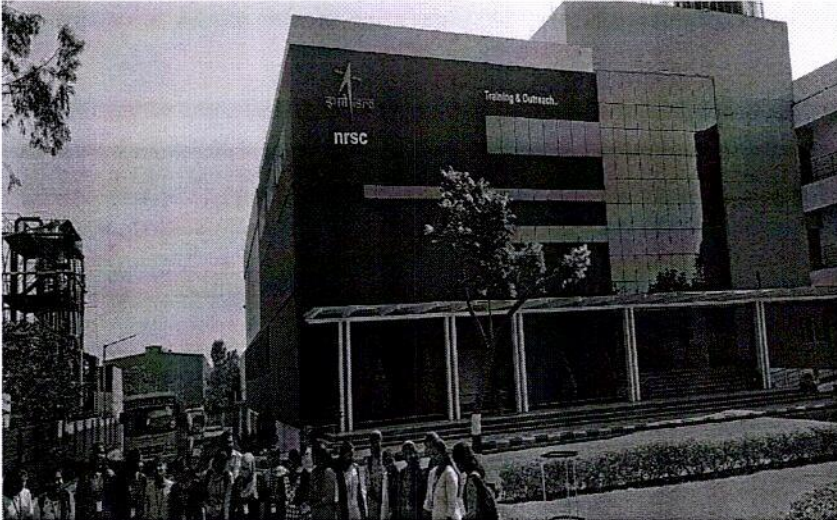


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IV YR CSE Students visit NRSC at Hyderabad (AY.2023-2024)

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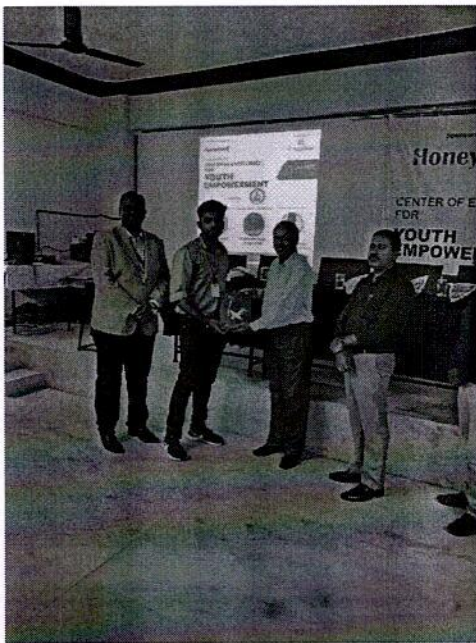
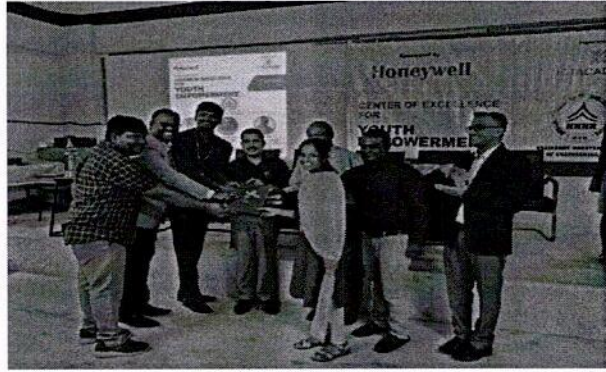
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4. Sample copy of Industry driven competition: Students encouraged participating in competitions & Hacathon

Conducted by reputed organizations to showcase their creative ideation and talent.



Students of ECE IV Year I Semester, participated in HONEYWELL Youth Empowerment program at HONEYWELL , TRAINNING INTSTITUTE (A. Y 23-24)


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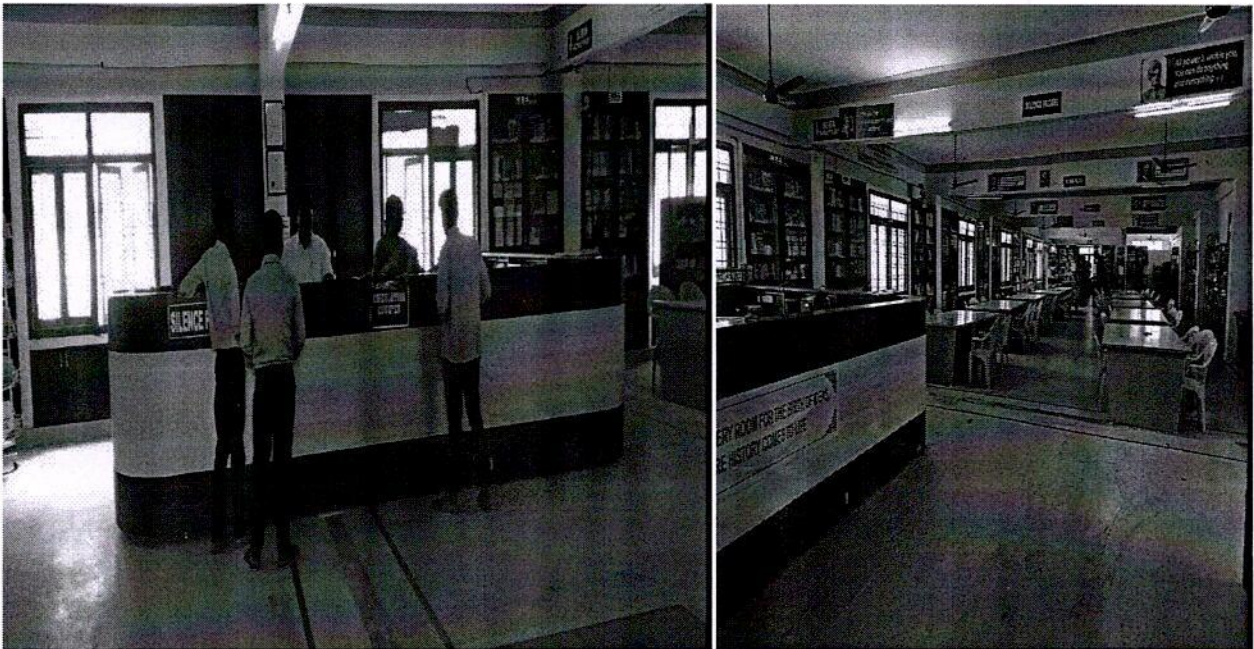
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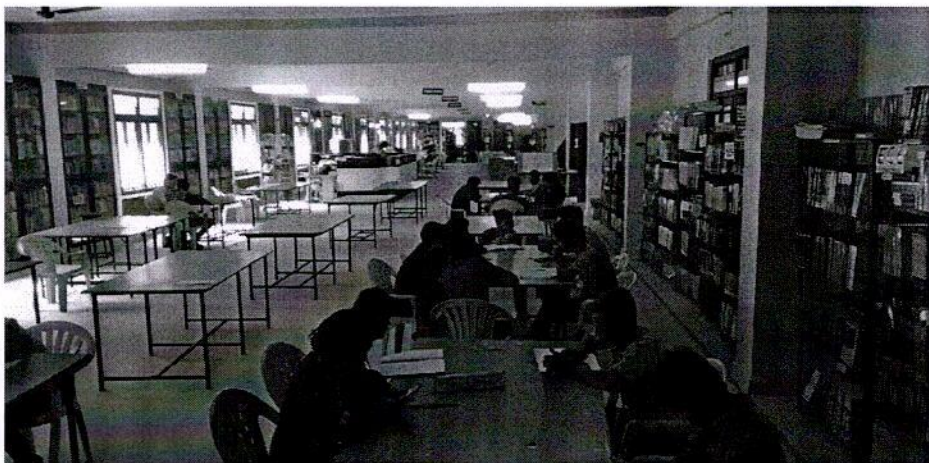
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5. **Sample copy of E-Learning:** Institute allowed to access text books & references, course materials, project reports, magazines, printed journals & e- journals.



Reference section & Reading Hall



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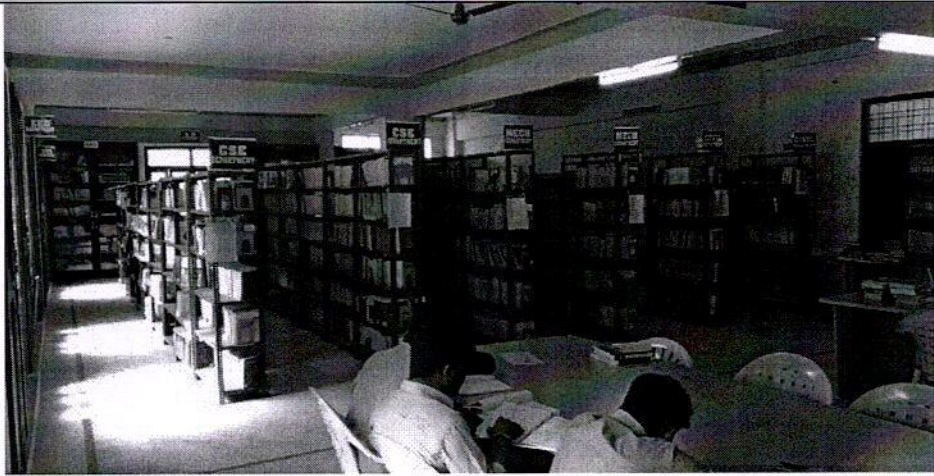


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Periodical Section




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6. Sample copy of integrated tools: Students are encouraged to enroll in online course



Student of ECE Ms..T.ABHIRAM IV YR ECE successfully completed in DESIGN AND VERIFICATION USING VERILOG from SAVVYCHIP India Pvt. Ltd.(A.Y 2023-24)

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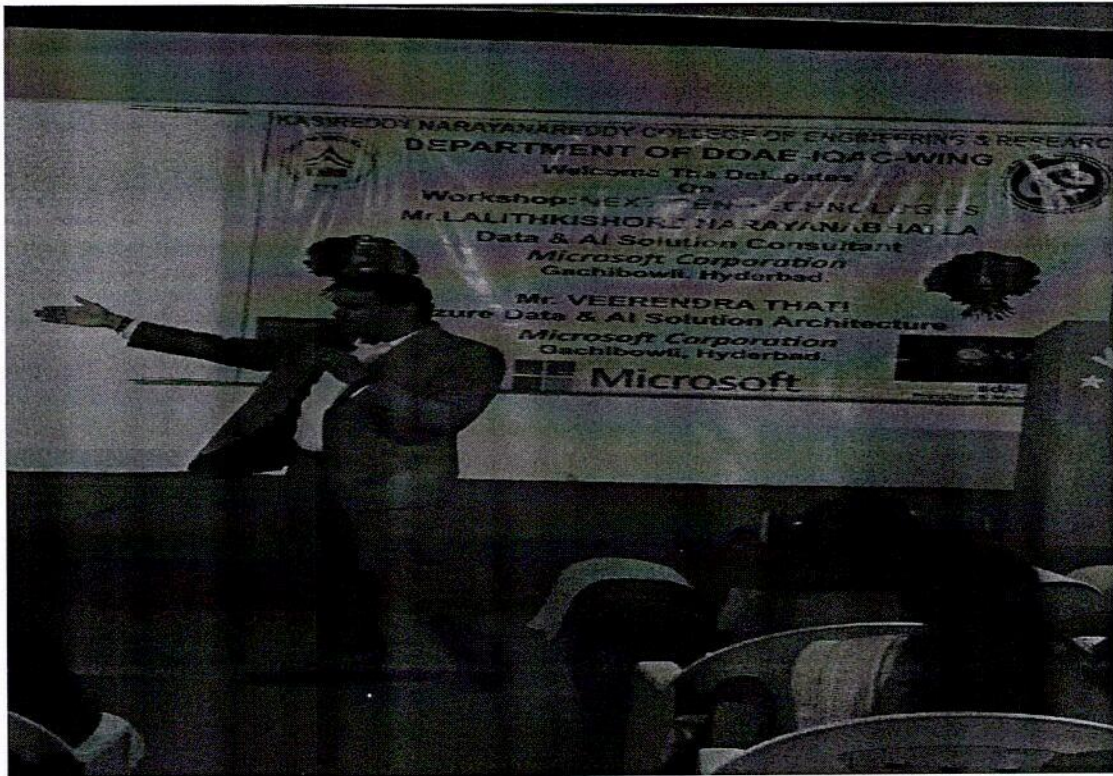
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7. Sample copy of Bridge course: Bridge courses are conducted for students for filling the gap in academic courses.



Students of ECE I Semester I year participated bridge program on Engineering Gap with Auto Cad from 19.04.2023 to 21.04.22 delivered by K.Baba Saheb Asso.prof. Of mechanical Dept. (AY.2023-2024)

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Participative learning: The Institution focuses on students in active involvement independently and interdependently through collaborative learning methods.




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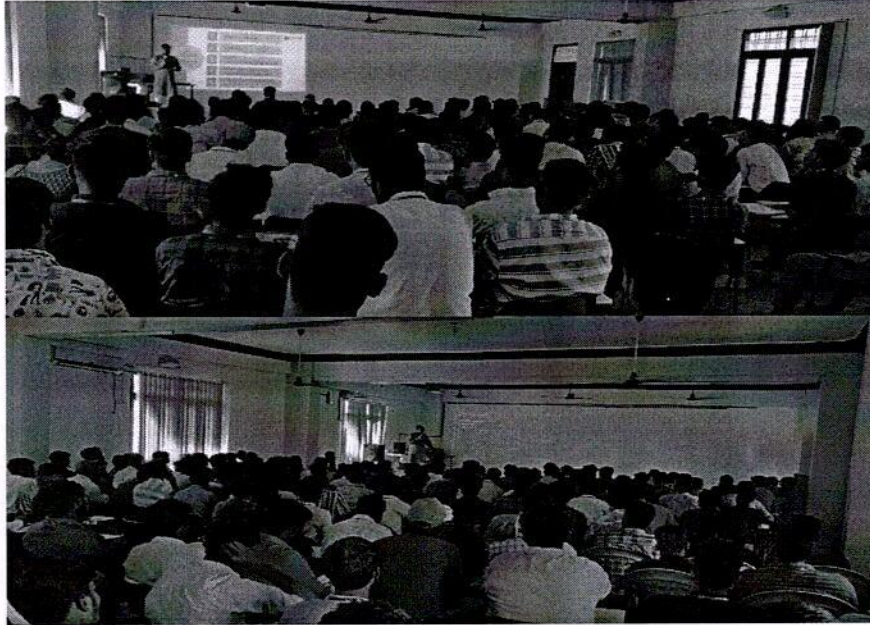
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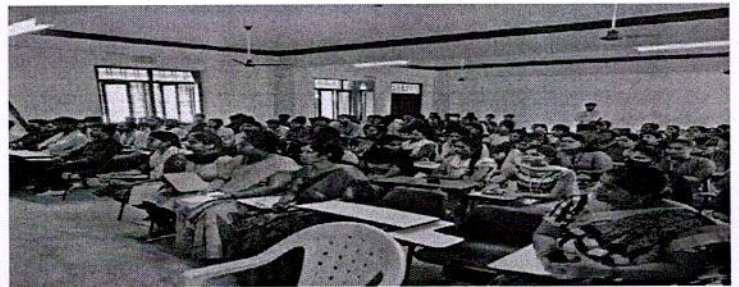
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8. Workshops, Guest lectures and Seminars: Students are encouraged to train on latest trends and innovative technologies by organizing workshops, guest lectures and seminars.



Students of CSE III Year I Semester and IV Year I Semester participated in Guest Lecture on Artificial intelligence (A.Y 2023-24).




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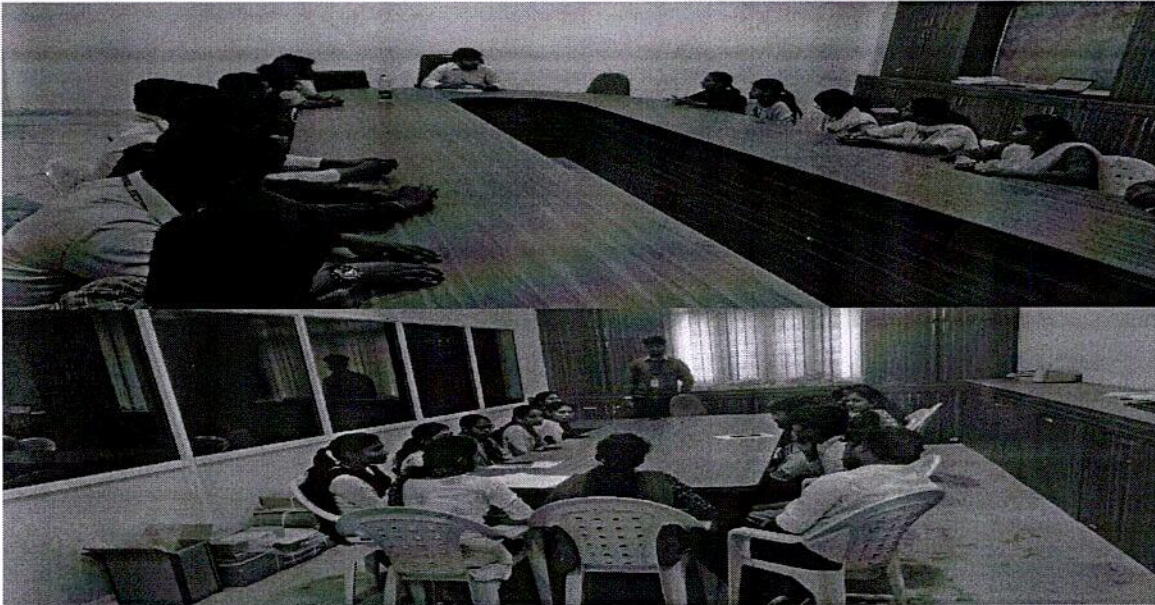
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9. Group discussions & Debates: Encouraging students to participate in debates and discussions



IV YR ECE, EEE, CSE Students Attended Group discussions & Debates organized by ICT Academy


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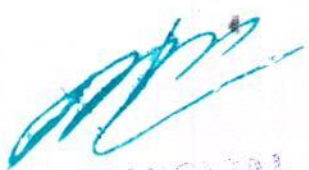
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10. Sample copy of Technical Presentation: students are encouraged to participate in technical events to show case their presentation skill through poster, paper and model presentations and to contribute articles to the college Magazine




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11. Sample copy of Alumni Interaction:

Alumni meets are organized every year to build the strong relationship between students and alumni to share their experience and knowledge towards career building.




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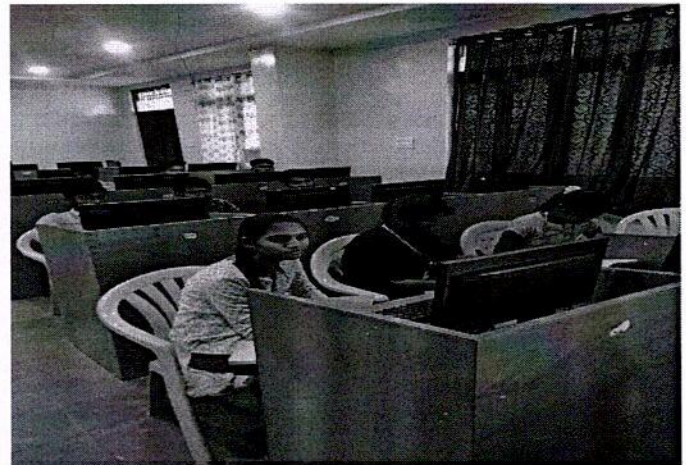
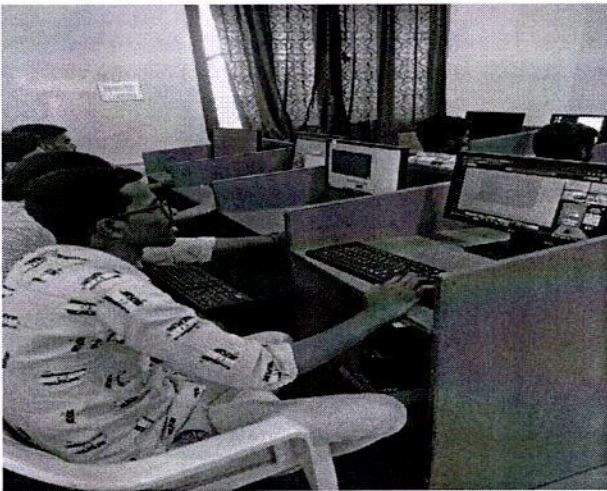
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12. Sample copy of Think pair-share: Implemented in classroom to help students to come out with individual ideas, discussions and share with other groups.



Students of Civil II Year I Semester are Implementing "Fluid Mechanics"

Programmes using Virtual labs. (A.Y 2023-24)


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13. Sample copy of Technical club activities: The institution has various professional societies like IEEE, IETE, IEI, CSI, SAE, ISIE, ISO, where the students actively participate in activities.



Students of CSE II Year I Semester are Participating “SOFT SKILLS” Programs A.Y (2023-24)

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 FACULTY DEVELOPMENT PROGRAMME (FDP) 
ON
ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING
(24th to 28th May 2021)
Organized by
KASIREDDY NARAYAN REDDY COLLEGE OF ENGINEERING AND RESEARCH
Abdullapur (V), Abdullapurmet (M), Rangareddy (R), Hyderabad - 501 505.
In association with
NATIONAL INSTITUTE OF TECHNOLOGY, WARANGAL

Preamble:
NIT, Warangal is to offer faculty development programs in standardized courses and emerging areas of Computer Science, Machine Learning and Artificial Intelligence, training & consultancy services for industry. Curriculum development for industry, CEP for working professionals, Advice and support for technical incubation and entrepreneurial activities.

About the Workshop:
As part of an initiative of NIT, Warangal a Faculty Development Programme (FDP) on "Artificial Intelligence and machine learning" is being conducted at Departments of CSE at Kasireddy Narayan Reddy College Of Engineering and Research to the faculty members of Engineering, MCA, Research Scholars and other allied disciplines from Telangana.

Importance of research in Higher education: Prof. N. V. Banerjee BSc - Director, NIT Warangal: He has held several Administrative posts as Registrar, JNT University Hyderabad. He has edited three books and published 157 papers in International Journals, International Conferences, National Journals, National Conferences.

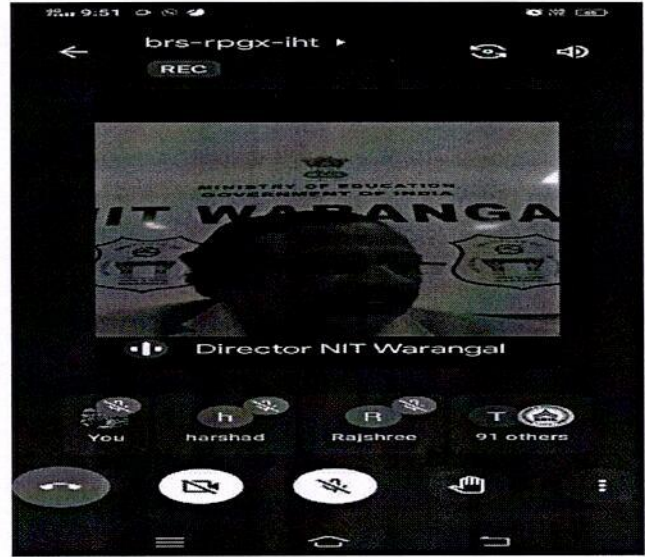
Resource persons:


- Dr. Sol, Scientist at DRDO
- Dr. Anand Kumar, Scientist at DRDO
- Dr. Raju Bhujya, Assistant Professor at NIT - Warangal
- Dr. Shiva Kumar , Professor at Sonoma State University
- Chandramohan, Soft.Engineer at K&J Infotech

Major Course Contents:

- Machine learning and deep learning application
- Classification of AI on various platforms
- Advanced models of neural networks
- AI and neural networks in IoT applications -Prof. Shiva Kumar
- CNN and RNN applications in Disease prediction
- Artificial Neural Networks, Back propagation, Convolution Neural Networks with practical examples
- Fundamentals of particle swarm optimization

Selection Criteria:
Selection will be done based on a first-come-first-serve basis to a maximum number of 50 (fifty). Additionally, 10 participants from the industry are allowed to participate.




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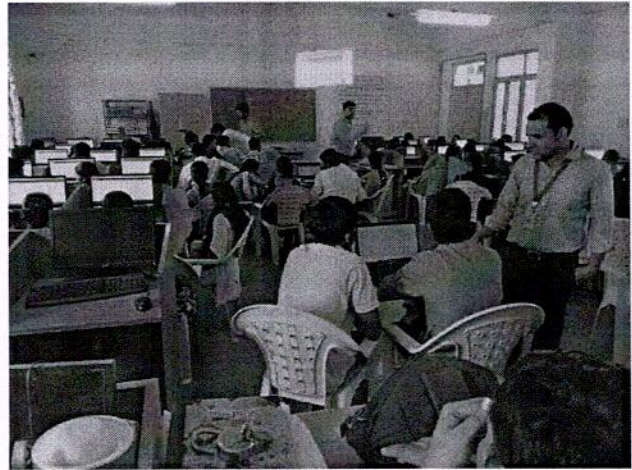
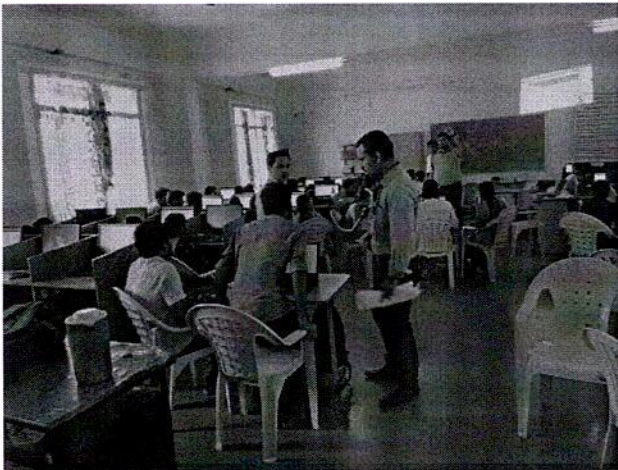
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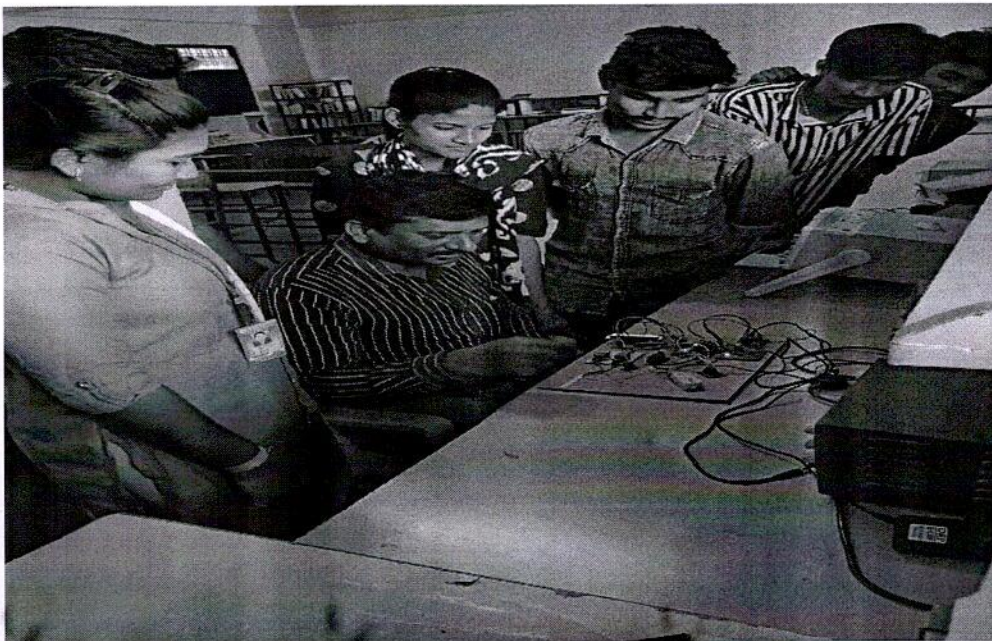
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14. Sample copy of Hands-on training programs:

In every year, the students will undergo the training activities to explore in industry and advanced technologies.



Students of ECE III Year II Semester, participated in 3-Day hands on workshop on embedded system from 23-01-2023 to 25-01-2023(A.Y 2023-2024)



Students of ECE IV Year I Semester, participated in 3-Day hands on workshop on embedded system (A.Y 2023-24)



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15. Sample copy of Innovative model development:

Used to analyze the performance and the understanding capability of each student at the end of the concept.



Students of ECE IV Yr. I Semester, Developed Projects on “WIRELESS NOTICE BOARD”(2023-24)

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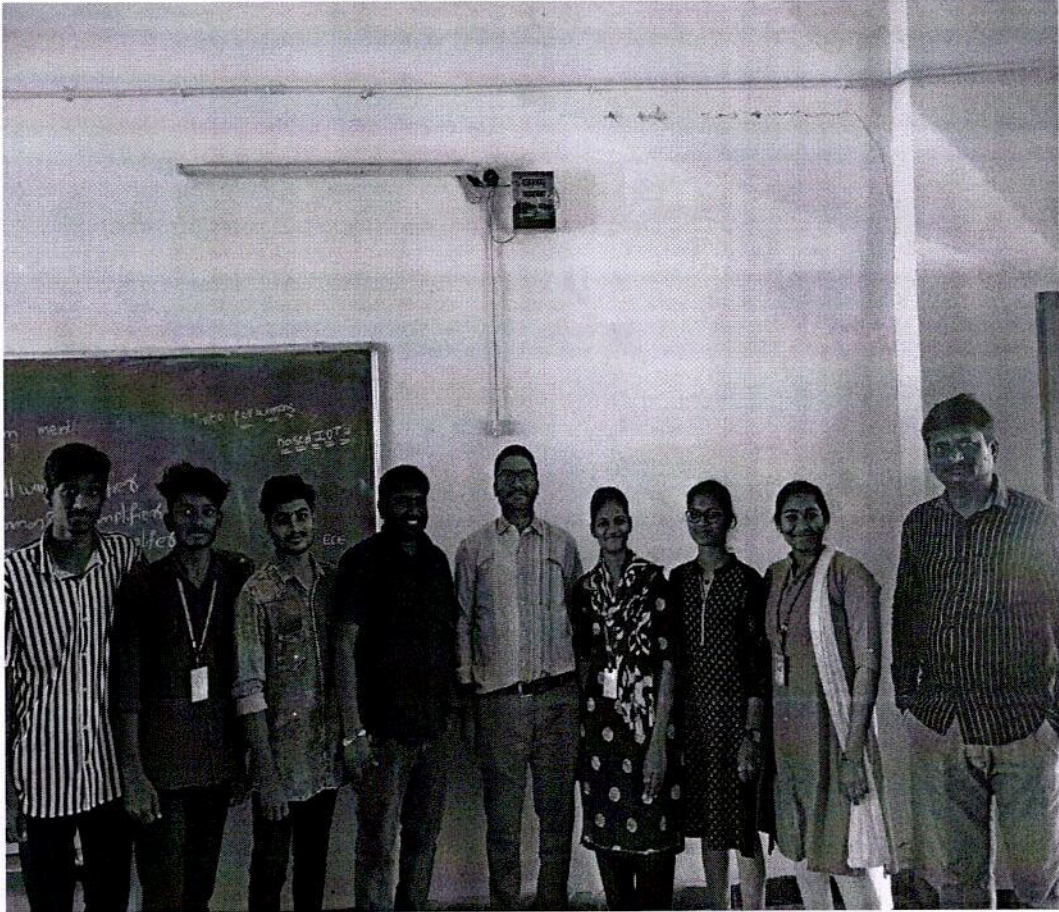


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Students of ECE IV Yr.I Semester, Developed Projects on “AUTOMATIC COLLAGE BELL” AY(2023-24).


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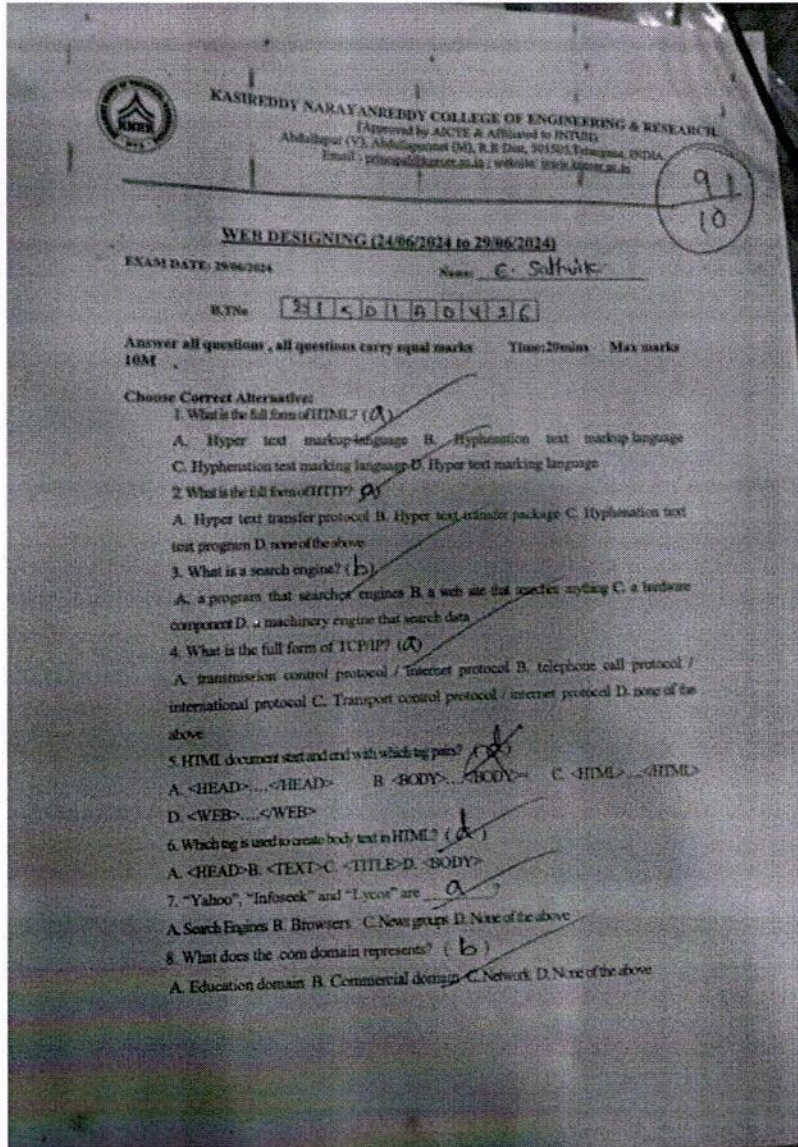
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16. Sample copy of Assignments & Quizzes: Used to analyze the performance and the understanding capability of each student at the end of the concept.



Objective Type Mid-1 Answer Script for WEBDESIGNING Subject conducted on 13.12.2023 for II Year I Semester Students (A.Y.2023-2024)

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Assignments K. Sreeraj
SREERAJ

1. Define the following terms.

Set theory :-
A set theory is a well defined collection of objects subject to the elements or numbers is called as set theory.

A set theory is represented as A, B, C

A set of elements are denoted by a, b, c

A set is defined as, well defined means it is possible to decide a given element belongs to the collection of groups or not.

A statement 'x' is an element of the set 'A' belongs that is form x belongs to A
 $x \in A$

A statement 'x' is an element of the set 'A' not belongs that is form x belongs to A
 $x \notin A$

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Experiment :-
The term experiment will be doing something or observing something under certain condition resulting someone is find is called as experiment.

Trial :-
Trial is the single performance of the experiment.

Sample Space :-
A sample space is a set of events that consist of all possible outcomes are random experiment is called as 'S'.

ex: In sample space is shown the dice
 $S = \{1, 2, 3, 4, 5, 6\}$

Sample space is two types

→ Discrete sample space :-
A discrete sample space contain the finite set of events.
ex: $S = \{1, 2, 3, 4, 5, 6\}$

→ Continue sample space :-
A continue sample space contain the infinite set of events.
ex: $\{Temperature\}$

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Finite set :-
A set with finite number of elements is called finite set.
ex: $A = \{2, 4, 6\}$

Infinite set :-
A set with infinity number of elements is called infinite set.
ex: $A = \{even\}$ or $A = \{Integers\}$
or $\{Temperature\}$

Subset :-
If A and B are two sets. If every element of set A is belongs to set B then set A is called as subset of B. It is denoted as
 $A \subset B$ or $A \subseteq B$

If A and B are two sets. If every element of set A is not belongs to set B then A is called as not subset of B.
It is denoted as $A \not\subset B$

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Assignment submitted by II Year 1 Semester ECE Student. (A.Y 23-24)

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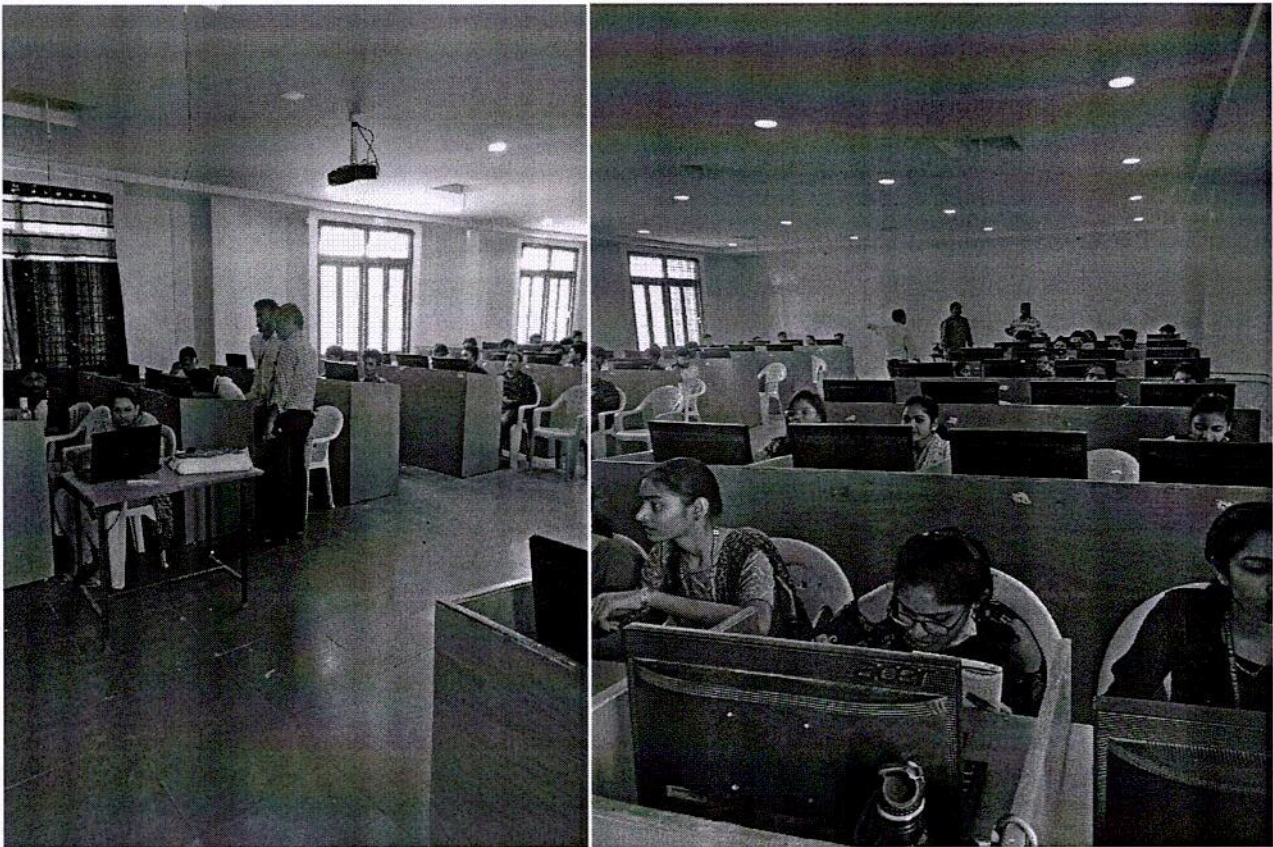
(Approved by AICTE & Affiliated to JNTUH)

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

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17. Sample copy of Virtual labs:

Used to provide remote-access to Labs in various disciplines can avail the various tools for learning, including additional web-resources, video lectures, animated demonstrations and self-evaluation.



Students of II Year I Semester are Implementing Data structure using Virtual labs. (A.Y 2023-24)

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