



# BHEEMA INSTITUTE OF TECHNOLOGY & SCIENCE

(Sponsored by Bheema Educational Society)  
(Approved by AICTE & Affiliated to JNTUA ,Anantapuramu)  
Alur Road, **ADONI-518301** ,(Kurnool Dist.)A.P.  
CELL:7660011179, 7660011189  
e-mail: [principal.2k@jntua.ac.in](mailto:principal.2k@jntua.ac.in)      [www.bitsadoni.ac.in](http://www.bitsadoni.ac.in)

## 2.3.1 Student centric methods, such as experimental learning, participative learning and problem solving methodologies are used for enhancing learning experience

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**Principal**  
**Bheema Institute of**  
**Technology & Science**  
**ADONI.**

Sl. No	Name of the Activity	Description	Duration	Tangible Objectives
1	Smart class	Technology-enabled classroom that enhances the learning experience of students by incorporating digital resources such as interactive whiteboards, digital projectors, multimedia content, and educational software. This technology is aimed at creating an engaging and interactive learning environment for students.	2 hours/ week	<ul style="list-style-type: none"> <li>• Students are able to comprehend the subject matter efficiently instead of rote memorizing.</li> <li>• Innovative teaching aids value to the teaching and learning process and curriculum transaction.</li> <li>• Learning experiences gain greater relevance due to active implementation of innovative and out-of-box approach.</li> </ul>
2	Internships	Preparing new graduates get up to speed before starting full-time job and introducing work environment to the young graduates.	2 months/ year	<ul style="list-style-type: none"> <li>• To develop essential skills</li> <li>• To gain professional experience</li> <li>• To build professional networks</li> </ul>
3	Industrial visits	Visiting The Industry Based On The Core And Electives Courses Of A Semester	2 days/ semester & frequent site visits by core branches	<ul style="list-style-type: none"> <li>• Students can understand the functionalities and practices of an industry.</li> <li>• Practical applications of theoretical concepts.</li> </ul>
4	Add-On courses offering through MOOCs, SWAYAM, NPTEL	National Programme on Technology Enhanced Learning is a project of MHRD initiated by seven Indian Institute of Technology along with the Indian Institute of Science. To provide quality education to anyone interested in learning from the IITs	8weeks or 12 weeks/ Semester (36 Hours)	<ul style="list-style-type: none"> <li>• To help the interested students to get quality of education for free of cost</li> </ul>
5	Workshops and guest lectures	Orientation And Awareness on Recent Trends Related To The Specific Domain By Academic Or Industrial Experts	2 days or once every six months	Students gain knowledge on the specific domain and appreciate the relevancy of the course with the industrial requirements
6	Group discussions and debates	Group discussion is a communication process that involves the exchange of ideas, information, and opinions	1 day/ week	<ul style="list-style-type: none"> <li>• To breed fresh ideas and take inputs from a particular group</li> <li>• To perceive the</li> </ul>



		among a group of people.		common ideas of people on a particular topic
7	Technical presentations	Technical presentations are a specific genre that often take the complex, lengthy information included in a formal report and condenses and translates that information in a way that includes visual and audio communication modes.	2 Hours/ week	<ul style="list-style-type: none"> <li>To present innovative ideas, campaigns, or projects in creative fields</li> <li>To impart presentation skills persuade better subject knowledge &amp; to develop to answer technical know how of technical concept to the audience.</li> </ul>
8	Campus recruitment & training	Campus Recruitment Training (CRT) is a programme exclusively designed for the students preparing for recruitment. Its aim is to ensure that the students are well-equipped to get through the recruitment process of various IT and non-IT companies. Job-seekers and placement providers contribute through their inputs in order to make this programme an effective one.	2 months/ year	<ul style="list-style-type: none"> <li>Improve logical thinking to solve various questions and puzzles in Reasoning.</li> <li>Mock Group Discussion sessions</li> <li>Establish career fair goals</li> </ul>
9	Technical projects	A Group Of 3 To 4 Students are assigned projects based on applications/functionalities under respective domain and are also required to submit their project report and present their conclusion.	3 Months/ semester	Students Shall Gain Practical Knowledge And Learn To Apply The Skills And Concepts Taught
10	Virtual labs	The Virtual Laboratory is an interactive environment for creating and conducting simulated experiments: a playground for experimentation. It consists of domain-dependent simulation programs, experimental units called objects that encompass data files, tools that operate on the objects.	1 week/ semester	<ul style="list-style-type: none"> <li>to standardize the set of Experiments to a large extent.</li> <li>to Expose the students to the various key aspects of Digital Logic and Computer Organization</li> </ul>
11	Project expo	Showcasing the activities & achievements of our students to outside world	1 day/ year	<ul style="list-style-type: none"> <li>To Promote Scientific Temper</li> <li>to provide platform and encourage the students to exhibit their innovative ideas</li> </ul>
12	ICT tools for advanced PPT competitions	Teaching learning process through online and offline mode for the better understanding and improve	1 day/ semester	<ul style="list-style-type: none"> <li>To improve innovative ideas, originality and creativity</li> <li>To improve</li> </ul>

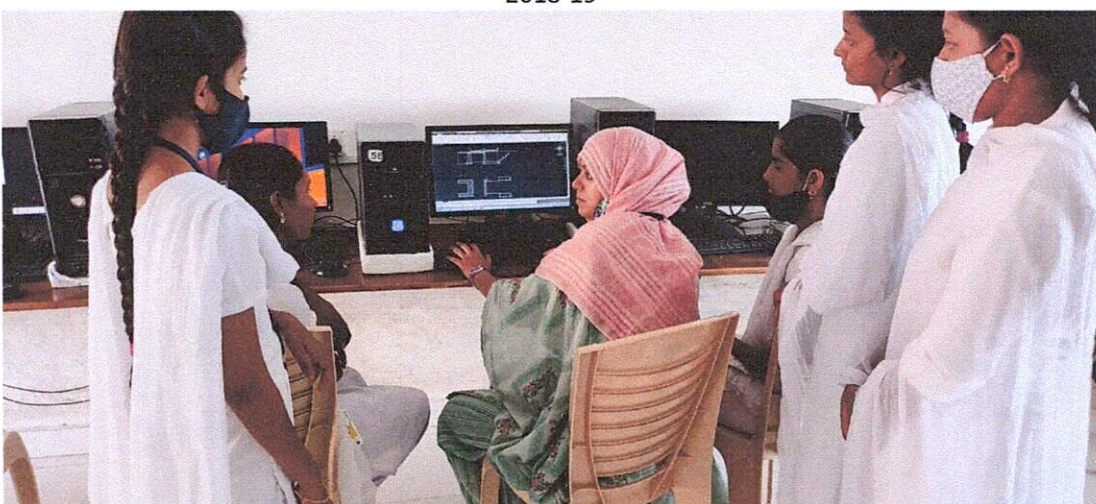
		listening skill among students and improve student participation through videoconference Google meet, virtual labs, smart class rooms, E-resources.		subject knowledge <ul style="list-style-type: none"> <li>To improve listening skills</li> </ul>
13	Technical quiz participation	A quiz is a game which can also be called a mind sport wherein the players, either as individuals or in teams attempt to answer questions posed to them correctly, in order to win a prize.	More often for all the national fest celebrations	<ul style="list-style-type: none"> <li>To inculcate students towards latest technologies.</li> <li>to promote, a fun way to study and in the process help improve one's general knowledge</li> </ul>
14	Industry based guest lecture	Industrial Or Academic Expert Will Give A Hands On Training To Use The Recent Tools/ Lab Equipment	1 day/ semester	Students Can Experience the Hands On Practice With The Tools Utilized In The Lab/Industry With Respect To The Expertise
15	Lok hith pravas	Community Service Project is one of the best practices. It involves interaction of students with local people. Students have to understand their problems and they have to find/recommend feasible solutions.	2 months/ year	<ul style="list-style-type: none"> <li>Students are exposed to demographic and psychographic profile of villagers as well as understand their issues and hardships faced in their day-to-day lives.</li> <li>Address the issues with the realistic &amp; cost-effective solutions.</li> </ul>
16	Carrier guidance & counseling to crack competitive exam	National Level Research Discussions On A Selected Theme With Plenary Sessions By Expert Members And Resource Persons, Presentation On The Research Findings.	Once in a semester	<ul style="list-style-type: none"> <li>Gives idea about higher education in overseas.</li> <li>To motivate the students towards competitive exam</li> <li>Helps them to get good job</li> </ul>



## 1. SMART CLASS



Smart class for the students of II-I B. Tech Electronics & Communication Engineering department academic Year 2018-19



Smart class for the students of III B. Tech Civil Engineering department academic Year 2019-20



Students of Computer Science Engineering department in the smart class academic Year 2022-23



**Experimental learning:** By engaging students in hands-on experiences and reflection, they are better able to connect theories and knowledge learned in the classroom to real-world situations.

**Lab sessions:** Laboratory sessions are conducted for the easy understanding of theoretical concepts.



Students of Mechanical department in Laboratory for the academic Year 2019-20



Students of Civil department in Laboratory for the academic Year 2021-22





Students of Civil department in Laboratory for the academic Year 2021-22



Students of Computer Science & Engineering department in Laboratory for the academic Year 2022-23



2. **INTERNSHIPS:** Internships are provided to the students through the industries



**MSR EDUSOFT PRIVATE LIMITED**  
Web Site: [www.msprojects.org](http://www.msprojects.org) CIN NO: U80900TG2019PTC134293

**APRIL-2023 TO JUNE-2023**

**CERTIFICATE**

This is Certify that Mr/Mrs **K MALLESH**  
from **BHEEMA INSTITUTE OF TECHNOLOGY & SCIENCE** has successfully completed  
**INTERNSHIP** on **Real Time Applications on MATLAB** under Industry  
Oriented Skills upgradation program conducted on **30-04-2023 TO 25-06-2023**  
Organised by MSR EDUSOFT PRIVATE LIMITED.

25th JUNE, 2023  
Received Date



**MSR EDUSOFT PVT LTD**

Mr. K MALLESH student of EEE department has completed internship from 30/04/2023 to 25/06/2023 at MSR EDUSOFT Pvt. Ltd for the A.Y.:2022-23



**MSR EDUSOFT PRIVATE LIMITED**  
Web Site: [www.msprojects.org](http://www.msprojects.org) CIN NO: U80900TG2019PTC134293

**APRIL-2023 TO JUNE-2023**

**CERTIFICATE**

This is Certify that Mr/Mrs **ALAMANUR RAMYA**  
from **BHEEMA INSTITUTE OF TECHNOLOGY & SCIENCE** has successfully completed  
**INTERNSHIP** on **Real Time Applications on MATLAB** under Industry  
Oriented Skills upgradation program conducted on **30-04-2023 TO 25-06-2023**  
Organised by MSR EDUSOFT PRIVATE LIMITED.

25th JUNE, 2023  
Received Date

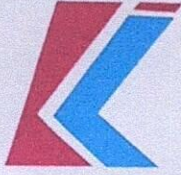


**MSR EDUSOFT PVT LTD**

Ms. ALAMANUR RAMYA student of EEE department has completed internship from 30/04/2023 to 25/06/2023 at MSR EDUSOFT Pvt. Ltd for the A.Y.:2022-23

*[Signature]*  
**Principal**  
**Bheema Institute of**  
**Technology & Science**  
**ADONI.**





**CERTIFICATION OF INTERNSHIP**

This is to certify that, the student referred Mr **B THIRUMALESH** from **BHEEMA INSTITUTE OF TECHNOLOGY AND SCIENCE** of CIVIL ENGINEERING branch, Registration No: **212K5A0125** has successfully completed internship from 01/05/23 to 28/06/23 under M/S **KRISHI INFRATECH**. At the work of **PROVIDING ROAD SAFETY MEASURES AND CURVE IMPROVEMENTS WORK FROM K.M 53+775 TO K.M 55+060 @BHARATHIPURA NEAR THEERTHALI AT N.H 169 ON SHIVAMOGGA-MANGLORE SECTION IN THE STATE OF KARNATAKA ON EPC MODE.**

The student attended execution activities like,

- 1) Studying of GAD and structural drawings.
- 2) Preparation of bar bending schedule for existing standard drawing.
- 3) Conducting lab tests.
- 4) Using of levelling instrument and total station.
- 5) Supervising the concreting work along with engineers.
- 6) Daily report making on works. And other works on day-to-day basis.

During his tenure the trainee was hard working and responsible.

For M/S **KRISHI INFRATECH**.

  
Authorized signature

No.19, 4th Cross,5th Block, BSK 3Rd Stage, 3rd Phase, Bangalore - 560 085.  
Phone : 91 080-26790016, 23620254 TeleFax : 91 080-26796121 e-mail : krishiinfratech@gmail.com

Mr. B Thirumalesh, student of CE department has done internship at Krishi Infratech for the A.Y.:2022-23

  
Principal  
Bheema Institute of  
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ADONI.





# DATTA AND DATTA ASSOCIATES

ARCHITECTS, ENGINEERS, URBAN PLANNERS AND INTERIOR DESIGNERS.

101, Sneh-Shilp, 66, Swastik Society, B/h. St. Xavier's Ladies Hostel, Navrangpura, Ahmedabad-380 009.  
Ph. : 079-26407248 Fax : 079-26401242 Email : datta\_datta@hotmail.com, anirudh.k.datta@gmail.com

Date: 29.06.2023

## TRAINING AND EXPERIENCE CERTIFICATE

This is to certify that **Mr. J. Santhosh** Roll No. **212K5A0108** Student of **Bheema Institute of Technology and Science, Adoni, Kurnool** has successfully completed his training as a part of Academic purpose in our firm "DATTA AND DATTA ASSOCIATES" from **01.05.2023 to 25.06.2023**.

In his overall training session he worked on Estimation, Tendering, Working Details and File Management for the following projects:

- **Medical College and Hospital Building for GMCH, Satara (Maharashtra).**
- **Hospital Building for MCGM, Mumbai.**
- **Bus Stand for GSRTS, Mehsana (Gujarat).**
- **EWS/LIG Houses under PMAY at Ahmedabad (Gujarat).**

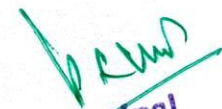
During his tenure at this firm, he was found to be sincere and meticulous in his work. We appreciate his enthusiasm & dedication towards the work assigned to him.

We wish him brilliant success and excellent opportunities all through his future.

For Datta and Datta Associates

  
(Anirudh K Datta)



  
Principal  
Bheema Institute of  
Technology & Science  
Adoni

Mr. J Santhosh student of Civil department has completed internship from 01/05/2023 to 25/06/2023 at Datta and Datta for the A.Y.:2022-23





**KRISHI INFRA TECH**  
ENGINEERING CONTRACTORS  
SPECIALISED BRIDGE CONTRACTORS

### CERTIFICATION OF INTERNSHIP

This is to certify that, the student referred Mr **K THRIVIKRAM SRINIVAS** from **BHEEMA INSTITUTE OF TECHNOLOGY AND SCIENCE** of CIVIL ENGINEERING branch, Registration No: **212K5A0110** has successfully completed internship from 01/05/23 to 28/06/23 under **M/S KRISHI INFRA TECH**. At the work of **PROVIDING ROAD SAFETY MEASURES AND CURVE IMPROVEMENTS WORK FROM K.M 53+775 TO K.M 55+060 @BHARATHIPURA NEAR THEERTHALI AT N.H 169 ON SHIVAMOGGA-MANGLORE SECTION IN THE STATE OF KARNATAKA ON EPC MODE.**

The student attended execution activities like,

- 1) Studying of GAD and structural drawings.
- 2) Preparation of bar bending schedule for existing standard drawing.
- 3) Conducting lab tests.
- 4) Using of levelling instrument and total station.
- 5) Supervising the concreting work along with engineers.
- 6) Daily report making on works. And other works on day-to-day basis.

During his tenure the trainee was hard working and responsible.

For M/S KRISHI INFRA TECH.

Authorized signature

No.19, 4th Cross,5th Block, BSK 3Rd Stage, 3rd Phase, Bangalore - 560 085.  
Phone : 91 080-26790016, 23620254 TeleFax : 91 080-26796121 e-mail : krishiinfrotech@gmail.com

Mr. K Thrivikram, student of CE department has done internship at Krishi Infratech for the A.Y.:2022-23

  
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### Internship Completion Certificate

This is to certify that **Sandeep Jujare** has successfully completed the Artificial Intelligence course offered by SkillVertex beginning 20<sup>th</sup> April 2023 & ending 20<sup>th</sup> June 2023, which covers the fundamental concepts and applications of Artificial Intelligence.

The course covered Wide range of topics, including AI classification, types of AI, python libraries, AI & ML algorithms like linear regression and logistic regression and KNN and K Means algorithms and applications like NPL, CNN and RNN. **Sandeep Jujare** has demonstrated a deep understanding of these concepts and has shown an ability to apply them to real-world problems.

During the course, **Sandeep Jujare** actively participated in all learning activities, including lectures, discussions, assignments, and projects. [He/She] consistently demonstrated a high level of engagement and critical thinking skills, which resulted in [his/her] outstanding performance throughout the course.

As such, **Sandeep Jujare** has met all the requirements of the Artificial Intelligence course and is hereby awarded this certificate of completion.

We wish **Sandeep Jujare** all the best in [his/her] future endeavors and hope that the knowledge gained from this course will enable [him/her] to excel in the field of Artificial Intelligence.

Issued on: 22<sup>nd</sup> June 2023



Dinesh Singh  
Head of Human Resource  
SkillVertex

Activate  
Go to Settings

**OliveBoard Comptech Private Limited**

L-147, 2<sup>nd</sup> floor, Laxmi Chambers, Sector 6, HSR layout, Bengaluru-560102

Industrial Training completion Certificate for the A.Y. 2022-23

  
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**Bheema Institute of**  
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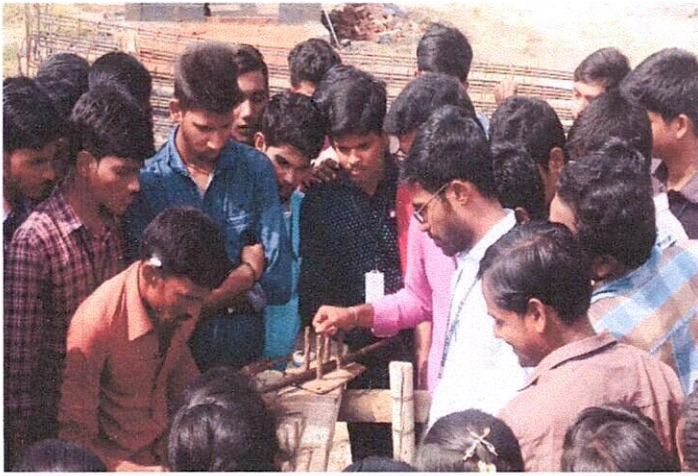


3. **INDUSTRIAL VISITS:** Students are exposed to different industries to know the working principles and operation of different components



III & IV year B. Tech Students of Civil Engineering Department has visited to ISRO, Sriharikota on 21/06/2022 (A.Y 2021-22)





Students of II year civil department visited construction site (A.Y. 2019-20)

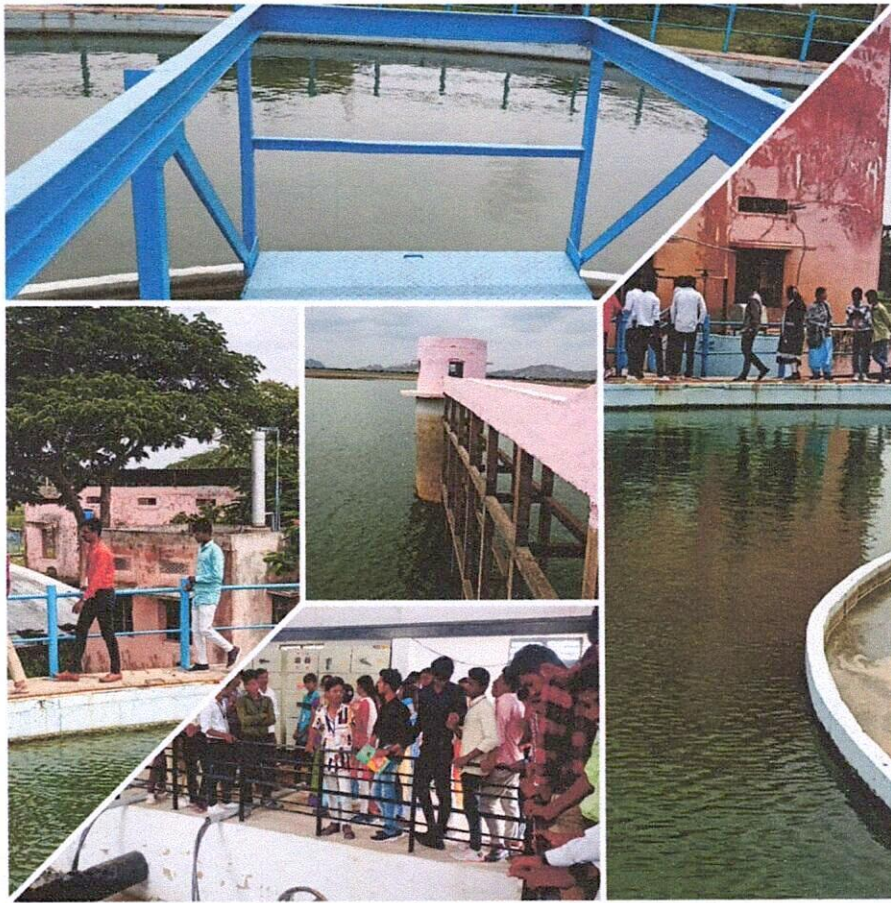


Students of II, III & IV year EEE department visited 33/11 KV & substation APTRANSCO 132/33KV substation at Adoni (AY 2018-19)



Students of IV year of civil department visited Railway station (A.Y. 2021-22)





Students of II year civil department visited Water treatment plant (A.Y. 2022-23)



III & IV year B. Tech Mechanical department students visited Diesel loco shed, Guntakal (A.Y. 2022-23)





III & IV year B. Tech Mechanical department students visited Solar power plant, Chagi (A.Y. 2018-19)

*[Handwritten Signature]*  
**Principal**  
**Bheema Institute of**  
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4. **Add-On courses:** Students are encouraged to get the opportunities to explore new areas of interest.

Skyfi Labs

TO WHOMSOEVER IT MAY CONCERN

This is to certify that Mr. Maneesh Nandu has successfully and satisfactorily completed the project oriented course on "**Construction Project Management and Building Information Modelling**" based on Massive Open Online Course (MOOCs) methodology from Skyfi Labs in December 2019 for the duration of 36 hours.

Unique Certificate Code: 53370014

  
Regards,

S. Vasanth Vidyakar,

Online Course Coordinator,

Skyfi Labs

Mr. Maneesh Nandu of M. Tech Highway Engineering (CE) students has completed 36 hours MOOCs course from skyfi labs in the AY 2019-20





Mr. Mohd. Kashifuddin of M. Tech Computer Aided Structural Engineering (CE) students has completed 32.5 hours MOOCs course from Udemmy in the AY 2019-20.

*[Signature]*  
Principal  
Bheema Institute of  
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## Certificate is Awarded to

**K SURESH (192K1D3506)**

Regd. No. SC-2020-12-21

for successfully completing the online course

**Safety in Construction**

Dec - Feb 2021

**(08 Week Course (or) 32.5 hours)**

**With a consolidated score of 96%**

<b>Online Assignments</b>	<b>24/25</b>	<b>Proctored Exam</b>	<b>72/75</b>
---------------------------	--------------	-----------------------	--------------

Total Number of Candidates Certified in this Course 06

Date: 05/03/2021  
Hyderabad

Authorized Signature



#304, Siri Towers, Beside Prime Hospital, Mythivanam, Ameerpet, Hyderabad - 500 038.  
Ph : 8121953811, 8522991105, 040- 66411811, Email :hr@cloudstechnologies.in | www.cloudstechnologies.in

Scanned with CamScanner

Mr. K Suresh of M. Tech Computer Aided Structural Engineering (CE) students has completed 32.5 hours MOOCs course from cloud technologies, AY 2020-21.

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Technology & Science  
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**BHEEMA INSTITUTE OF TECHNOLOGY AND SCIENCE**


Aluru Road, ADONI

(Approved by AICTE New Delhi, Affiliation to JNTUA, Ananthapuramu)

**CERTIFICATE OF PARTICIPATION**

This is to certify that Mr. /Ms M VIJAY of BHEEMA INSTITUTE OF TECHNOLOGY AND SCIENCE has successfully completed Add on/Certificate program course on "BIM SYSTEM" From 18-08-2020 to 22-08-2020 Organized by Department of CIVIL ENGINEERING

  
**Resource Person**

  
**HOD**  
Head of the Department  
CIVIL ENGINEERING  
Bheema Institute of Technology & Science  
ADONI

  
**Principal**  
Bheema  
Technology  
ADONI

Mr. M Vijay of B. Tech (CE) student has attended Add-On course on BIM system in the AY 2019-20

  
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# NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to

**NUMBERU SURENDRA**

for successfully completing the course

## Object Oriented System Development using UML, Java and Patterns

with a consolidated score of **55** %

Online Assignments	20.28/25	Proctored Exam	34.5/75
--------------------	----------	----------------	---------

Total number of candidates certified in this course: **390**

Jan-Apr 2023  
(12 week course)

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



Indian Institute of Technology Kharagpur



Roll No: NPTEL23CS46S44040613

To validate the certificate



No. of credits recommended: 3 or 4

Mr. Numberu Surendra of CSE Department has completed 12 week NPTEL course Jan-April 2023.



# NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to

**CHILLALE SHREYA**

for successfully completing the course

## Object Oriented System Development using UML, Java and Patterns

with a consolidated score of **45** %

Online Assignments	15/25	Proctored Exam	30/75
--------------------	-------	----------------	-------

Total number of candidates certified in this course: **390**

Jan-Apr 2023  
(12 week course)

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



Indian Institute of Technology Kharagpur



Roll No: NPTEL23CS46S34040052

To validate the certificate



No. of credits recommended: 3 or 4

Ms. Chillale Shreya of CSE Department has completed 12 week NPTEL course Jan-April 2023.

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**ADONI.**





# NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to

**B DEVA**

for successfully completing the course

## Entrepreneurship Essentials

with a consolidated score of **46** %

Online Assignments	16.1/25	Proctored Exam	30/75
--------------------	---------	----------------	-------

Total number of candidates certified in this course: **1252**

Jan-Apr 2023

(12 week course)

Prof. Debjani Chakraborty  
Coordinator, NPTEL  
IIT Kharagpur



Indian Institute of Technology Kharagpur



Roll No: NPTEL23GE16S24941732

To validate the certificate



No. of credits recommended: 3 or 4

Mr. B Deva of CE Department has completed 12 week NPTEL course Jan-April 2023.



# NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to

**MEENAKSHI CHOWDARY**

for successfully completing the course

## Object Oriented System Development using UML, Java and Patterns

with a consolidated score of **56** %

Online Assignments	20.94/25	Proctored Exam	35.25/75
--------------------	----------	----------------	----------

Total number of candidates certified in this course: **390**

Jan-Apr 2023

(12 week course)

Prof. Debjani Chakraborty  
Coordinator, NPTEL  
IIT Kharagpur



Indian Institute of Technology Kharagpur



Roll No: NPTEL23CS46S34040245

To validate the certificate



No. of credits recommended: 3 or 4

Ms. Meenakshi Chowdary of CSE Department has completed 12 week NPTEL course Jan-April 2023.

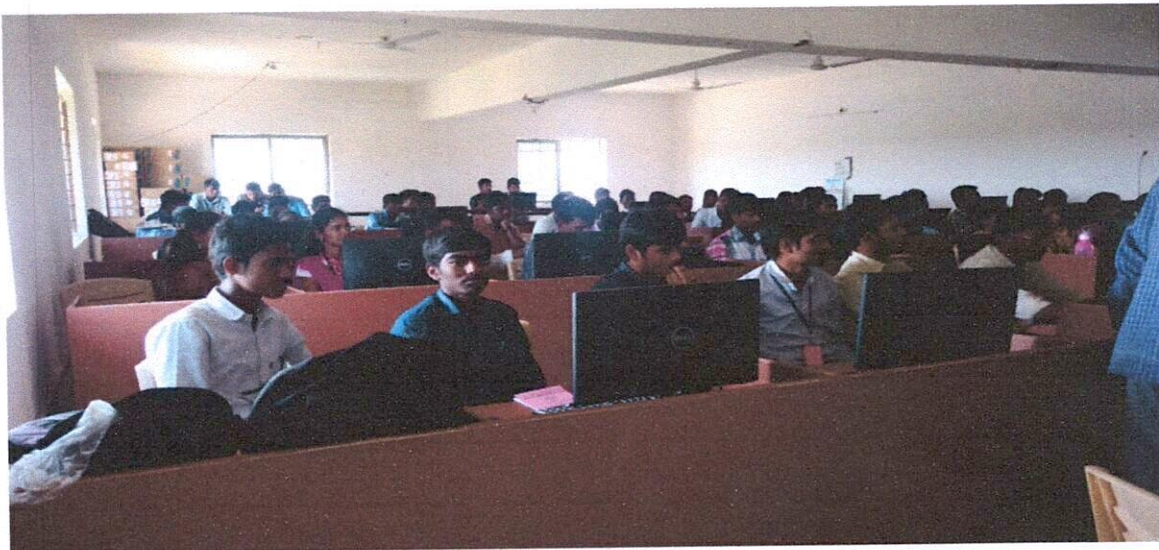
Principal  
Bheema Institute of  
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ADONI.



5. WORKSHOPS AND GUEST LECTURES:



Mr. Abhinai delivering lecture in Workshop on "IOT based embedded system" during the AY 2022-23



ECE Department Organized Five-Day Workshop on "IOT based embedded system" during the AY 2022-23

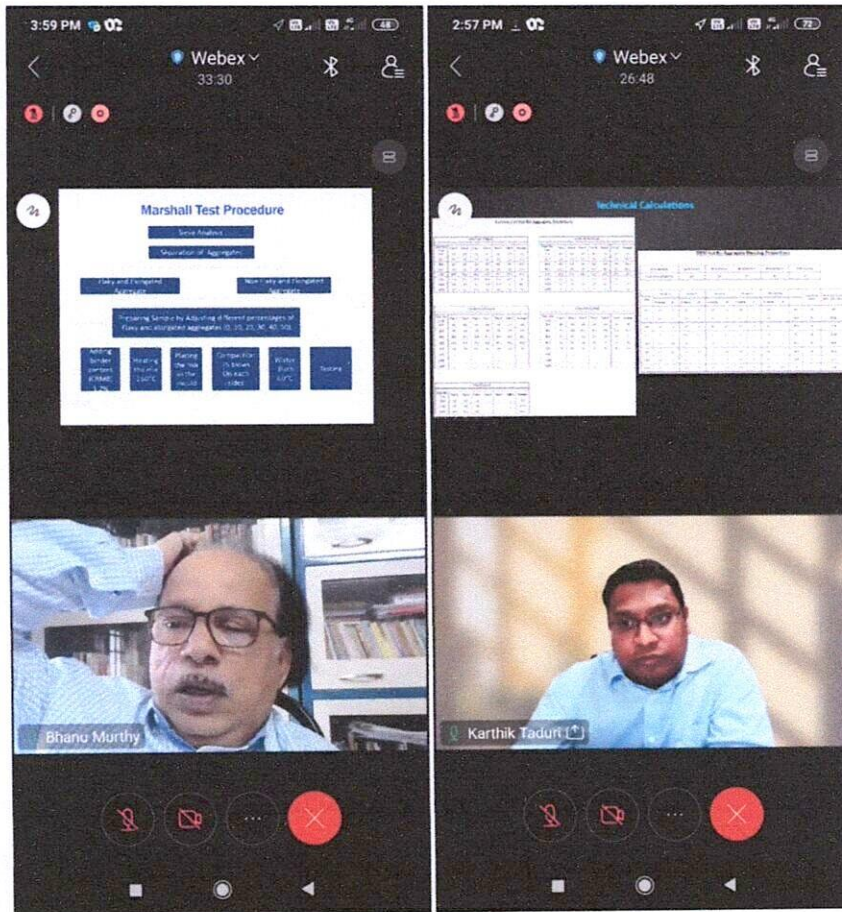




Civil Engineering Department was Organized Five-Day Workshop on "Total station" from 18/10/2022 to 22/10/2022 in association with CADD Engineering Solutions-Kurnool.

  
Principal  
Bheema Institute of  
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ADONI.



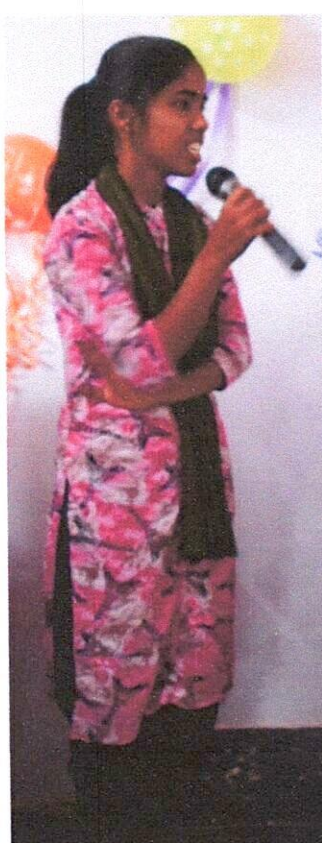


Department of Civil Engineering Organized online guest lecture on "A Study on dense bituminous macadam mix design using modified marshall method" on 14<sup>th</sup> September 2020.

*K. S. S. S.*  
Principal  
Bheema Institute of  
Technology & Science  
ADONI.



6. GROUP DISCUSSIONS AND DEBATES:



Students of II B. Tech participated in Group Discussion and debate (A.Y 2021-22)

*Principal*  
Principal  
Bheema Institute of  
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ADONI





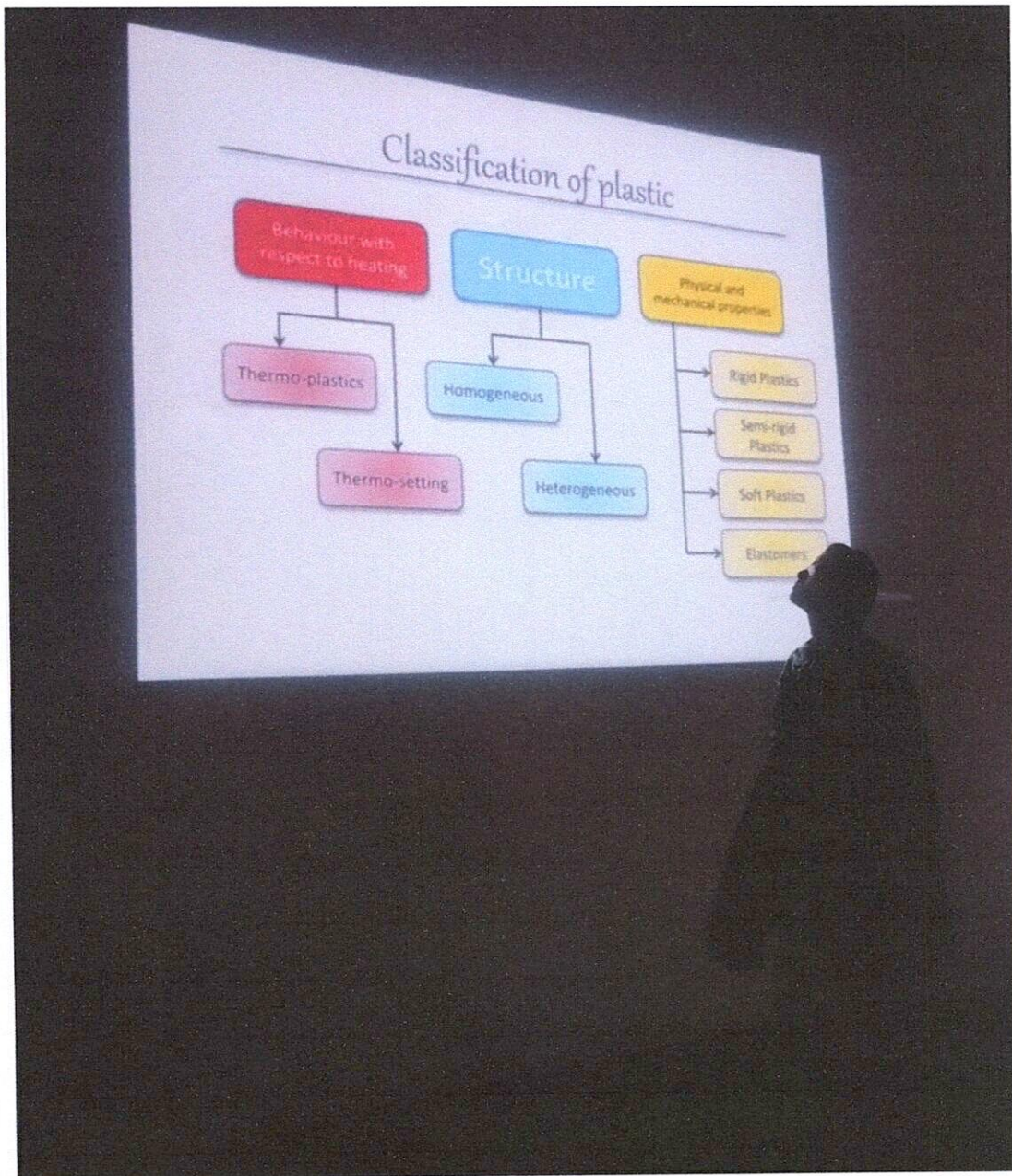
Students of III B. Tech participated in Group Discussion and debate (A.Y 2022-23)



Students of IV B. Tech participated in Group Discussion and debate (A.Y 2021-22)



7. TECHNICAL PRESENTATION:



III B. Tech CE student participated in Technical Presentation (A.Y:2022-23)

*[Handwritten Signature]*  
Principal  
Bheema Institute of  
Technology & Science  
ADONI.





IV B. Tech ECE students participated in Technical Presentation (A.Y:2018-19)

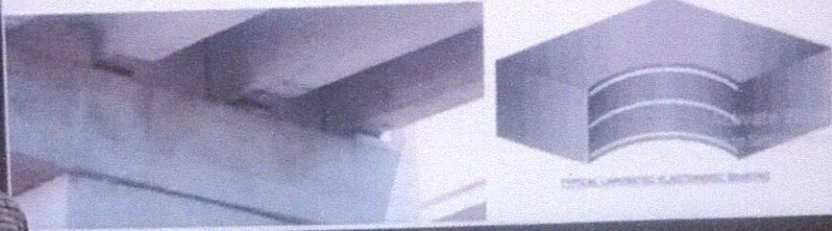


II B. Tech CSE students participated in Technical Presentation (A.Y:2020-21)



## Elastomers

These plastics are soft and elastic materials with a low modulus of elasticity. They deform considerably under load at room temperature and return to their original shape, when the load is released. The extensions can range upto ten times their original dimensions.



III B. Tech CE student participated in Technical Presentation (A.Y:2022-23)



8. CAMPUS RECRUITMENT & TRAINING:



3 Months Campus Recruitment & Training was conducted for III year students (A.Y:2021-22)

*[Signature]*  
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Employability Skill Development Training Programme Conducted By Mahindra Pride Classroom, Naandi Foundation in Association With APITA In The A.Y. 2021-22

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Principal  
Bheema Institute of  
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**9. TECHNICAL PROJECTS:** A technical project is one that includes engineering elements, technical hardware components, software elements, and or data management requirements



IV B. Tech students of Civil engineering department has designed rainwater harvesting & ground water recharge models in The A.Y. 2019-20





IV B. Tech students of Civil engineering department has designed rainwater harvesting & ground water recharge models in The A.Y. 2019-20

*Prasanna*  
Principal  
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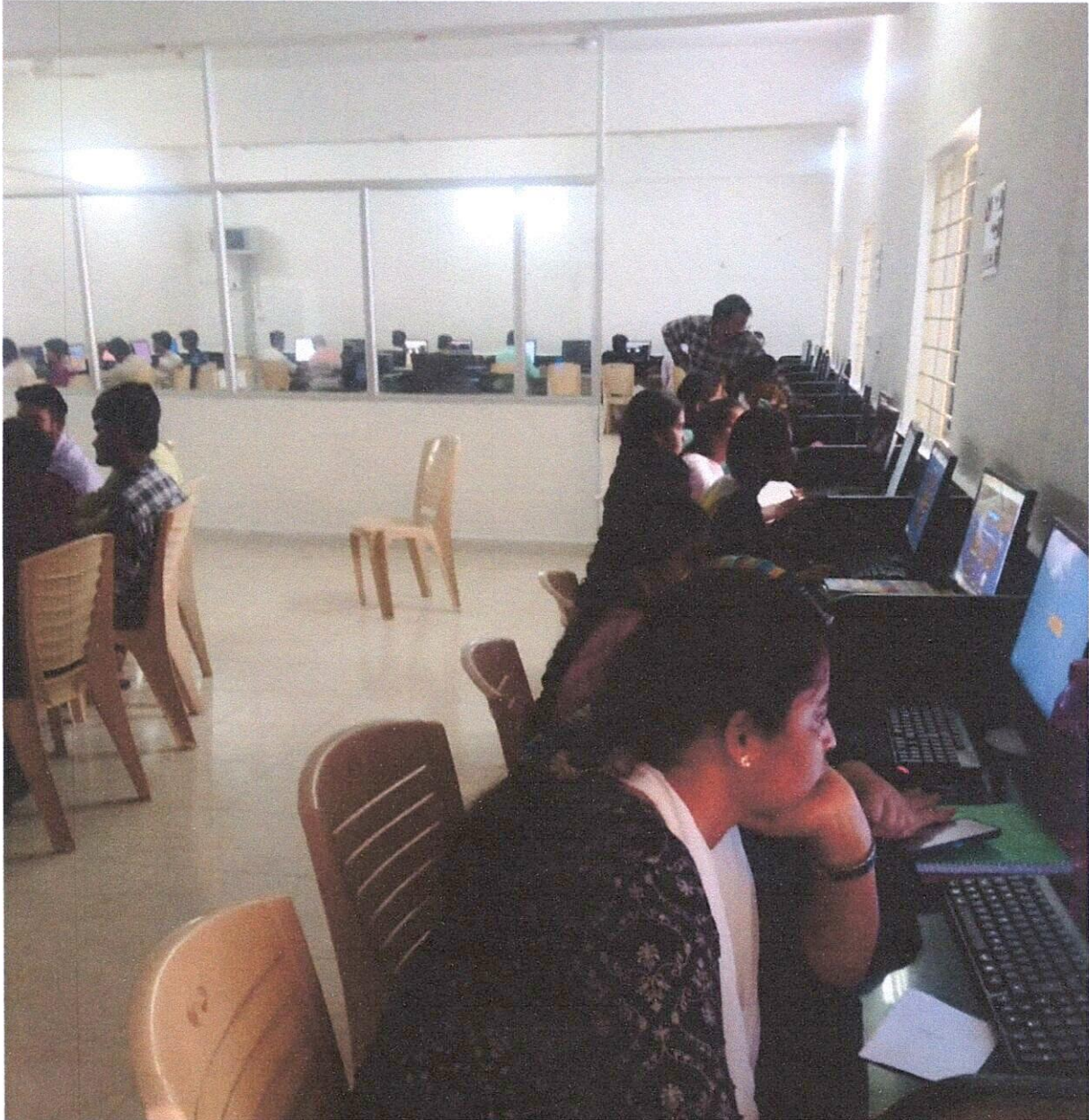
IV B. Tech students of Mechanical engineering department has designed Solar E-Bike in the A.Y. 2022-23



IV B. Tech students of Mechanical engineering department has designed solar four wheeler vehicle in the A.Y. 2022-23



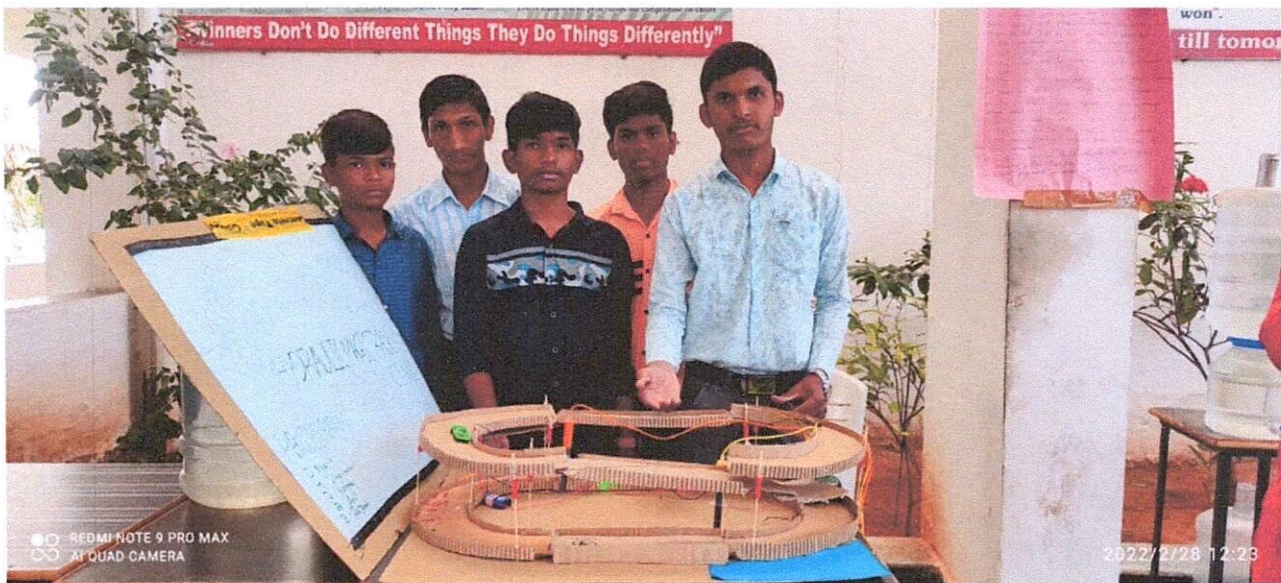
**10. VIRTUAL LABS:**



**Students of III-I B.Tech ECE students (AY 2022-2023)**



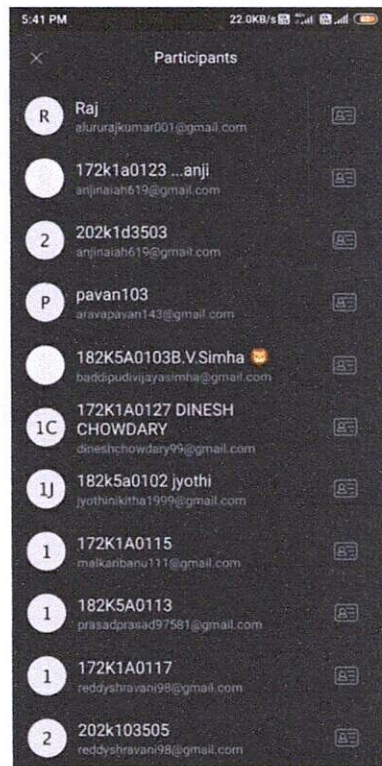
11. PROJECT EXPO



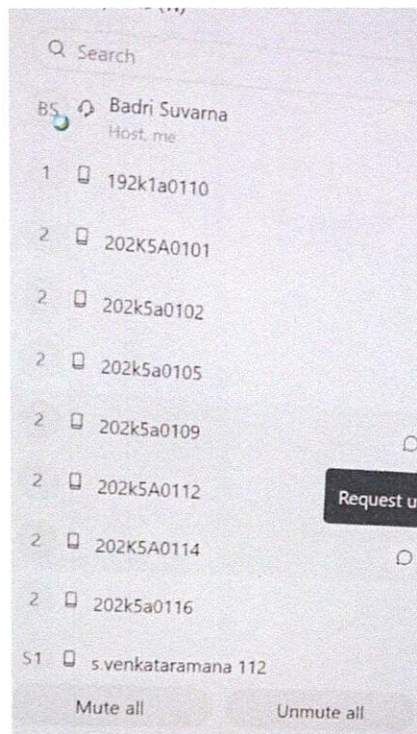
Students Project Expo models during Science fest 2022



## 12. ICT TOOLS

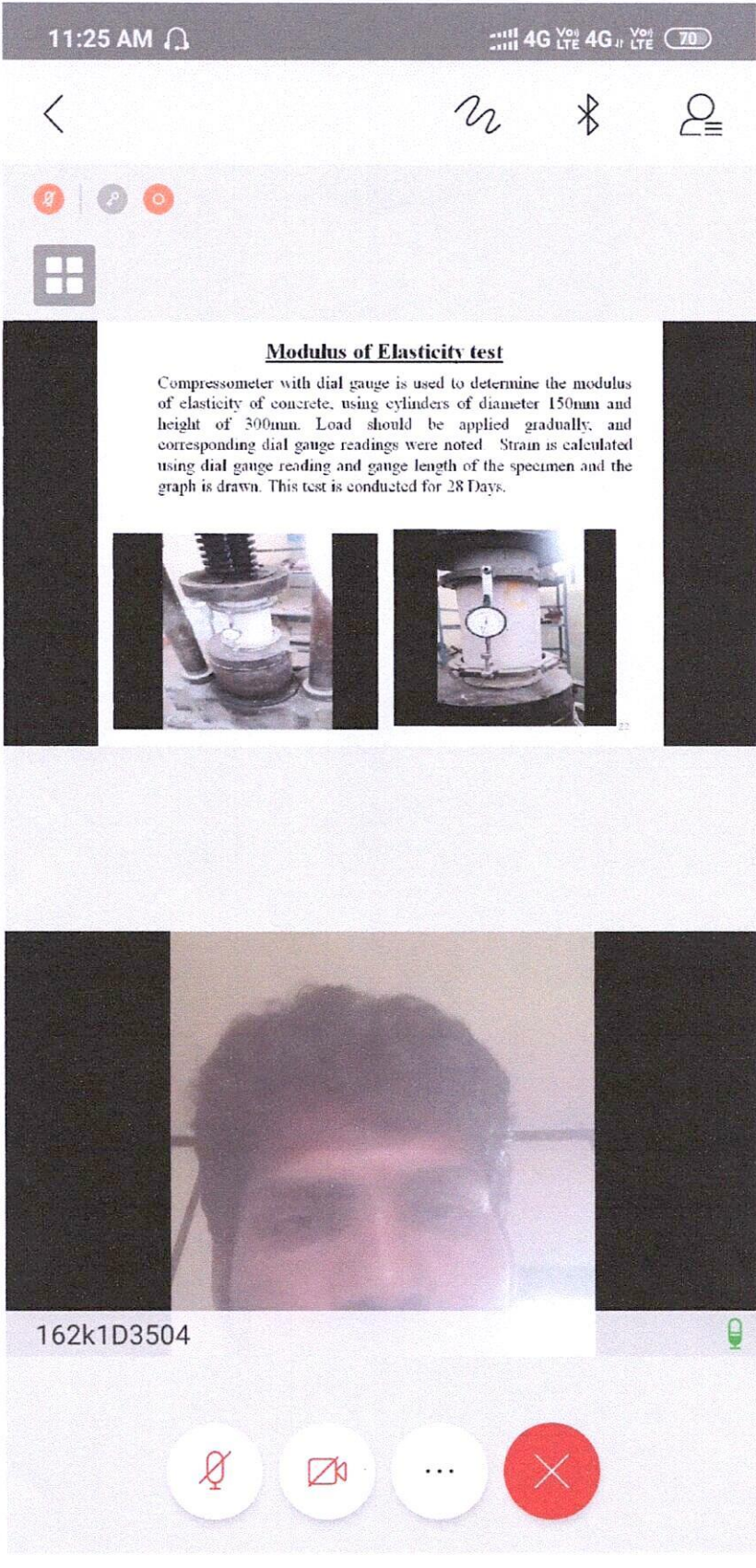


Sumaiya Yakeen, Asst. Prof of Civil Engineering department dealing with Urban Transportation & Planning to the IV-II student, AY 2021-2022



Dr. B. Suvarna, Professor of Civil Engineering department dealing with Environmental Engineering to the students of II B. Tech-II sem, AY 2020-2021





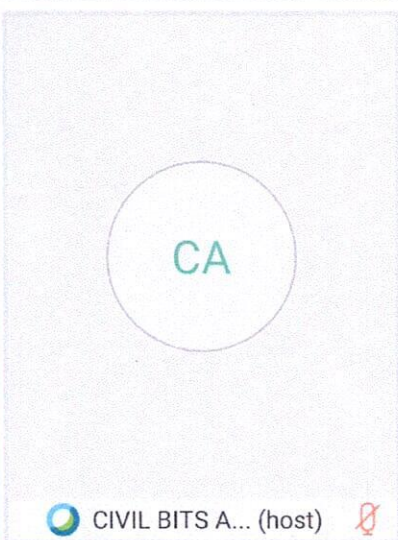
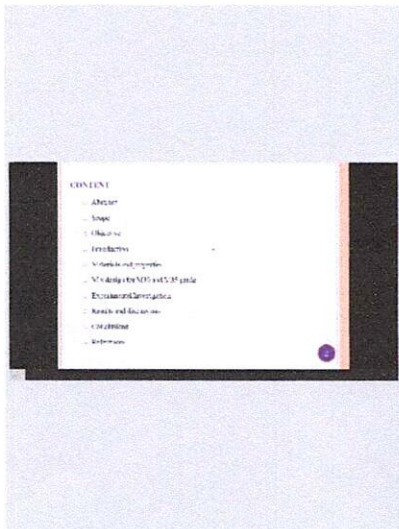
Dr. P Lakshmaiah Chowdary Professor of Civil Engineering department dealing with structural dynamics to the students of M. Tech(CASE), AY 2019-2020

*P. Lakshmaiah*  
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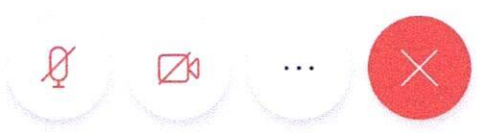




CIVIL BITS ADONI is sharing.



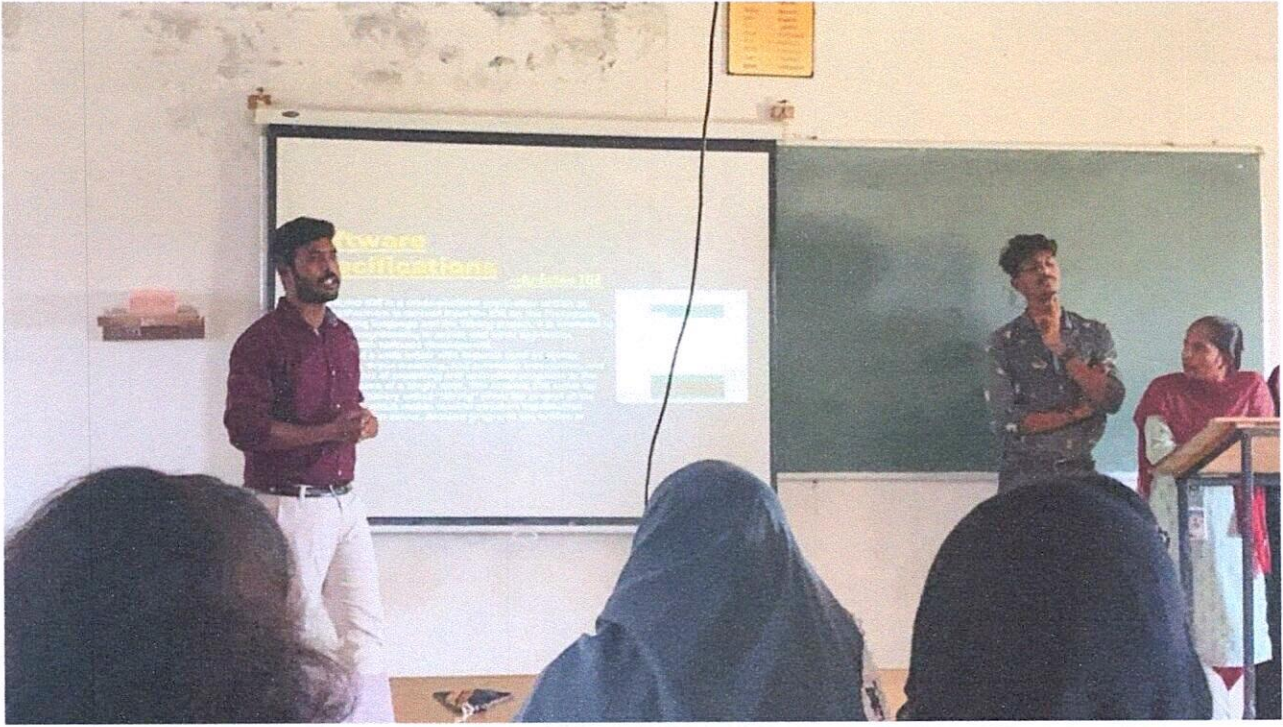
Speaking: 162k1d3508, Nandini Reddy



Mrs. Nandini Assoc. Professor of Civil department engaging virtual classes for M. Tech students for the A.Y. 2020-21

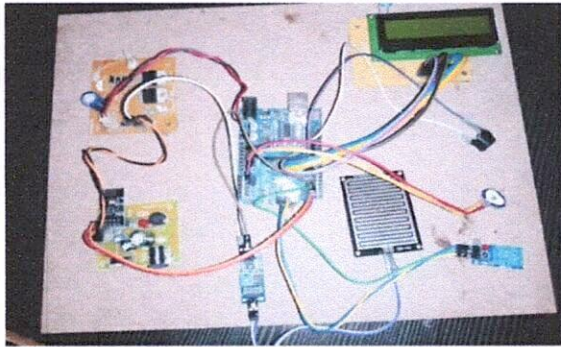
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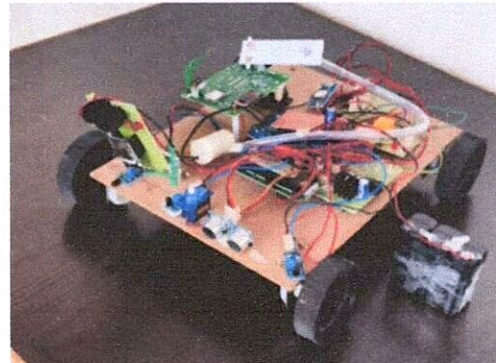


IV ECE student B Abhishek developed software for “An autonomous IOT infrastructure for fire detection and alerting system (A.Y: 2022-2023)

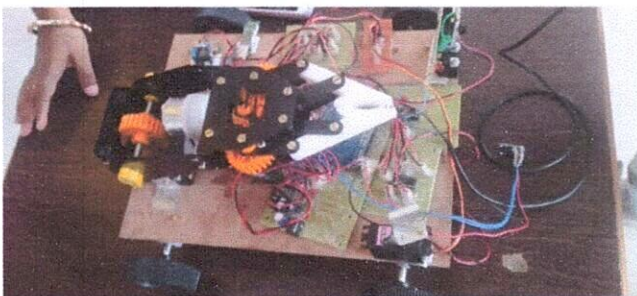




**IOT Based Stress Detection**



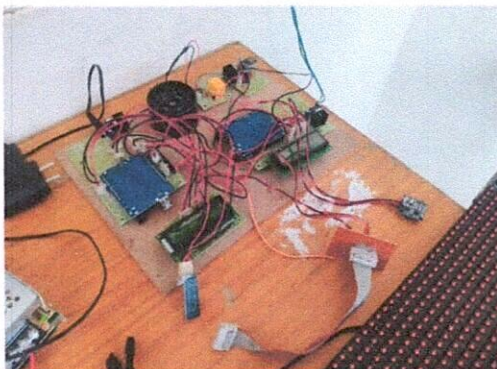
**Forest Fire Detecting and Fire Extinguisher**



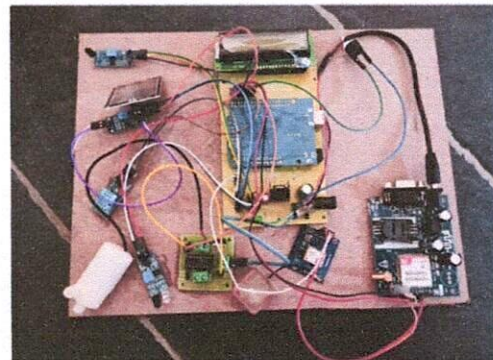
**Bomb Defusing Robotic Arm**



**Face Detection Door lock**



**Electronic Notice Board**



**Forest Fire Alerting System**

IV B. Tech ECE students developed tool kits for the A.Y 2022-2023



### 13. TECHNICAL QUIZ PATICIPATIONS



**GANIT 50**  
Growing Aptitude for Numerical Innovation & Training  
INVITATION  
**NATIONAL MATHEMATICS DAY CELEBRATION**  
Competition on: **23-12-2018**  
Timings: 10:00 -11:00 AM

Participation Certificate will be issued

NO REGISTRATION FEE

TOPICS on Algebra, Trigonometry, Calculus, Geometry, Probability

**BUS FACILITY AVAILABLE**

**PRIZES**  
I prize : Rs 2000/-  
II Prize : Rs 1500/-  
3 Consolation Prizes Rs 1000 each/-

CONTACT US  
T SRINIVAS-7660011183  
K.V. RAMANJANEYA REDDY-8184820511  
K.RAGHUNATH-9492947067

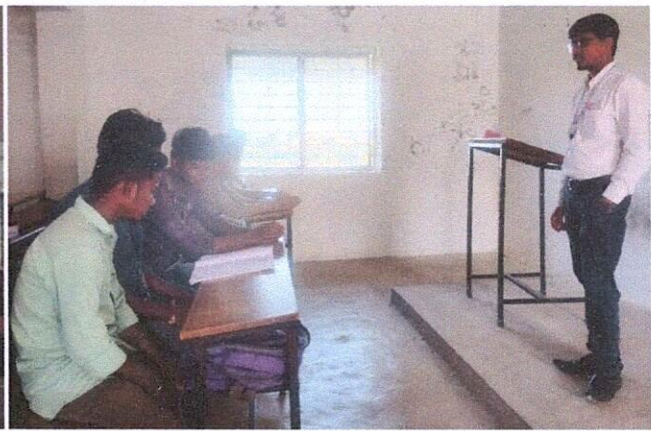
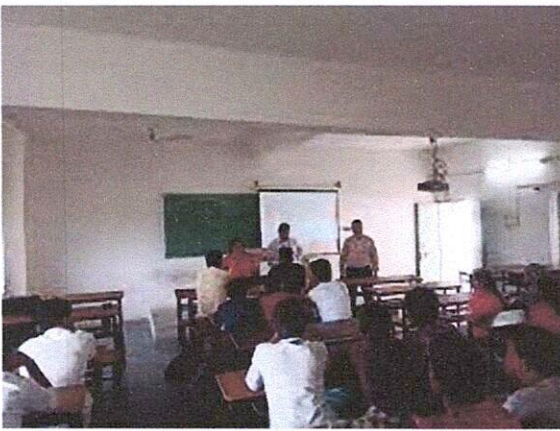
**VENUE** BHEEMA INSTITUTE OF TECHNOLOGY & SCIENCE  
Alur Road,ADONI-518301 Kurnool Dist.A.P



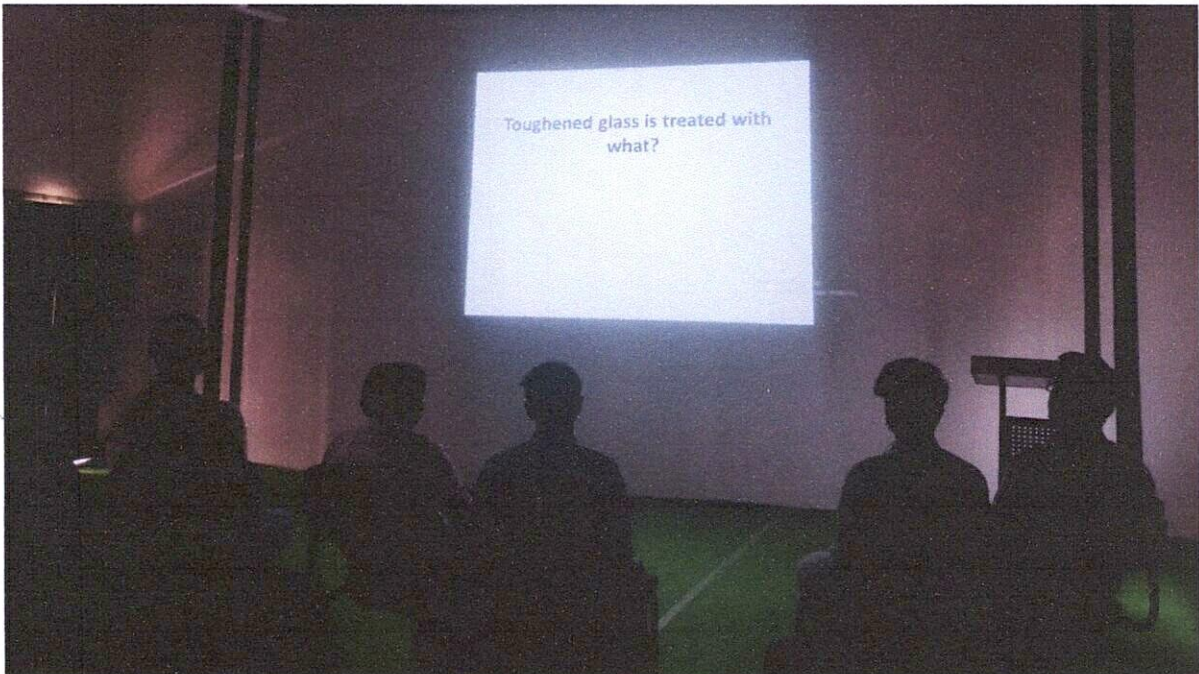
I B. Tech students participated in Ganit Quiz competition in the academic year 2018-2019

*[Signature]*  
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II B. Tech students participated in Technical Quiz in the academic year 2019-2020



III B. Tech students participated in Technical Quiz in the academic year 2022-2023



II B. Tech students participated in Technical Quiz in the academic year 2021-2022



14. INDUSTRY BASED GUEST LECTURE

**Bheema Institute of Technology and Science**  
Aluru Road - Adoni

**TWO DAYS WORK SHOP ON**  
**"Remote Sensing and Geographic Information System" (GIS)**

Date : 25-12-2018 to 26-12-2018

Resource Person's

**C.H.Srinivas Rao**  
Ex Chief General Manager, JSW Cements Southern India  
Associate Professor, Anurag Group of Institutions

**Dr. Asadi sivasankar**  
Professor, KI University

**Organised by : Department of Civil Engineering**



Guest Lecture for B. tech IV year civil students by Industrial expert for the A.Y 2018-2019

**Bheema Institute of Technology & Science**  
(Approved by AICTE & Affiliated to JNTUA)  
Aluru Road, Adoni, Kurnool Dist -518301.

**DEPARTMENT OF MECHANICAL ENGINEERING**

Hartily Welcome to A Resource person

**Mr .JAGADISH KUMAR GAJAM**, M.S. Aero Space  
(University of Hertfordshire - UK)

**Three Days Workshop on "CREO & Ansys Work bench"**

In association with " CADD Centre " - Hyderabad.

On 15<sup>th</sup>, 16<sup>th</sup> & 17<sup>th</sup> Feb -2018

Organized by : Department Of Mechanical Engineering  
[www.bitsadoni.com](http://www.bitsadoni.com)

Guest Lecture for Mechanical students by Industrial expert for the A.Y 2018-2019

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15. LOK-HITH PRAVAS



III B.Tech Civil students visited Gonabavi for Community service project in the academic year 2021-2022



III B.Tech CSE students visited Area hospital for Community service project in the academic year 2022-2023

*[Signature]*  
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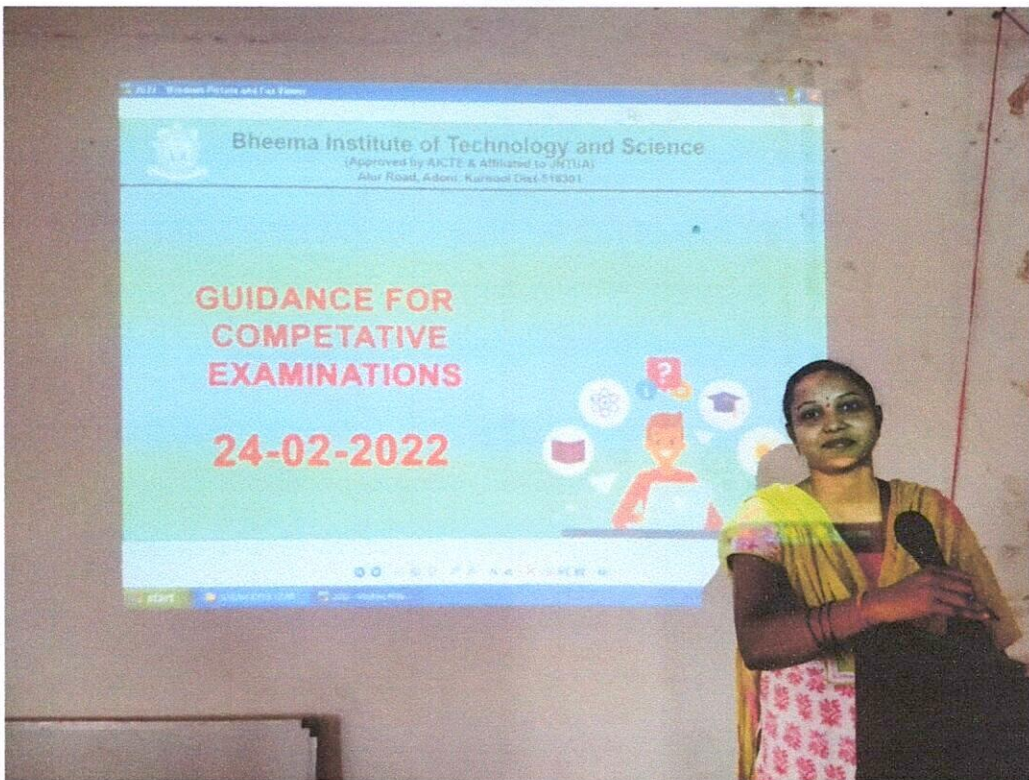


16. WEBINARS AND SEMINARS TO CRACK COMPETITIVE EXAM

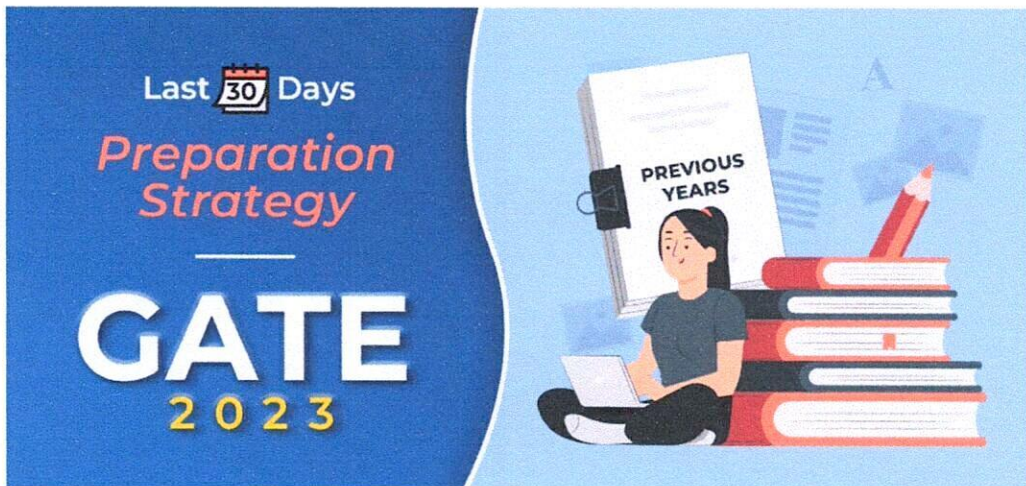


  
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Online and offline seminars are conducted to crack the Competitive exams in the A.Y 2021-2022



Conducted GATE awareness online webinars for III & IV B. Tech students (A.Y 2022-2023)

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### Extra-curricular activities as a part of participative learning

Sl. No	Name of the Activity	Description	Duration	Tangible Objectives
1.	Celebration of national festivals, state festivals and other religious festivals	From celebrating the spirit of Independent India with Independence day, Republic Day, Indian constitution Day to the celebration of the state festival	15th August, 26th January, and festivals like Holi, Deepawali Christmas, and Makar Sankranti. 3 to 4 Hours	1. To build the spirit of Nation building and National integration. 2. To give a feel of Home away from Home for the students from other states 3. To create the awareness of the cultural heritage and a few of the dying traditions of this country and give a vibe of Unity in Diversity
2.	Activities of the cultural committee "BHEEMALPANA"	Cultural Committee organizes an annual talent hunt called "BHEEMALPANA", includes on stage and off stage events and gives ample opportunities to students to showcase their talents in music, dance drama, rangoli, Mehndi, debates, extempore and other cultural activities.	01 Day	1. Holistic development through the facet of extracurricular activities. 2. Event management, time management, team building and leadership qualities
3.	Alumni society	The Society annually organizes an Alumni meet which sees an overwhelming participation of the alumni and the event has interactions, felicitation of alumni who have been achievers and cultural programs. The alumni society is actively involved in being a part of invited talks, organizing extension activities, outreach programs (Blood Donation Camp).	1 day/Year	1. To build a connection with alumni and map their progress and achievements. 2. To receive valuable insights, inputs and contributions from the alumni as crucial stakeholders.
4.	Sports Activities	Sports activities (Indoor & Outdoor) for (02 days) 1. Promoting leadership students. An annual sports meet sees an overwhelming participation of students on campus.	Hours/Day	1. Promoting leadership qualities. 2. Installing a sense of responsibility towards fellow students and developing empathy to others' problems.
5.	Techno-tryst	It is a platform for student discourse, debate, and interactive learning. It involves student centric sessions on contemporary issues, with deliberation from invited domain experts from academia, industry and society. Techno-tryst conducts different events on every week such as kalakriti, memory bash, treasure hunt, etc. Flash super fast news usually contains all the technical news of the month read by the student.	Weekly Event	Broadens students' exposure on contemporary/domain attributes, through expert deliberations, discourse sessions and debate. Inculcates the spirit of entrepreneurship, innovation and out-of-box thinking.
6.	Club association	Following Clubs are formed in the college level: Adyayan (Academics), Khel-Yodha (Sports), Kalanjali (cultural), Envoys (ambassador).	More often	1. Improves students knowledge 2. They can choose their area of interest



# CELEBRATION OF NATIONAL FESTIVALS



Debate on Azadi ka Amruth Mahotsav



Republic day parade



Ugadi celebration



Sankranti celebration



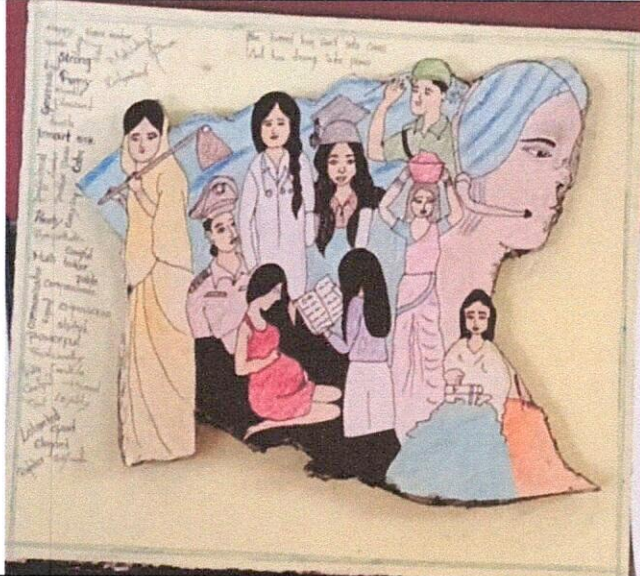
# BHEEMALPANA



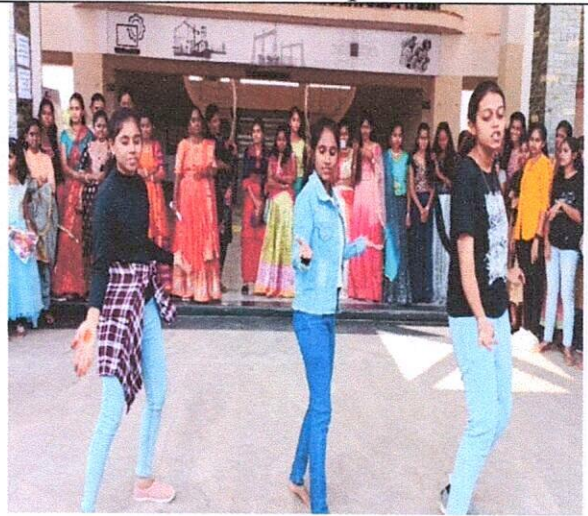
Singing Competition



Mehandi Competition



Poster presentation

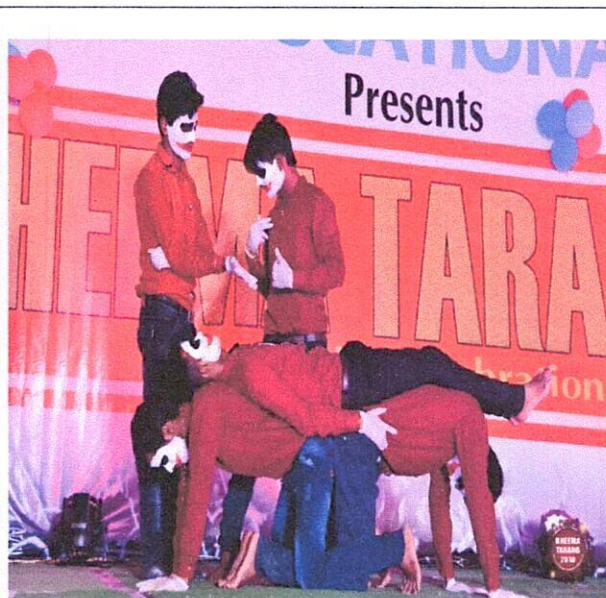


Dance Competition





Rangoli Competition



Unique talents of students

### ALUMNI SOCIETY



Alumini meet (AY 2018-19)



Alumini meet (AY 2021-22)

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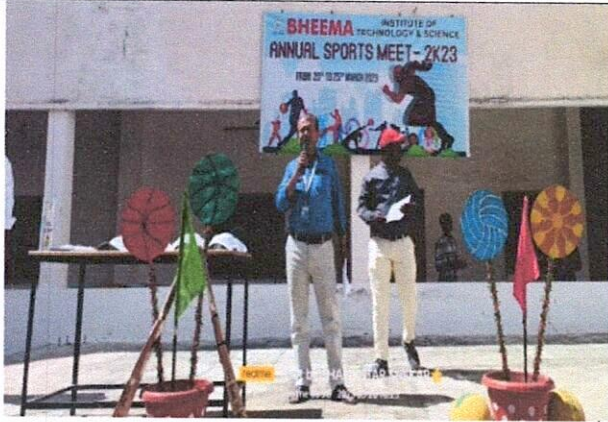


Alumini meet(AY2022-23)



Alumini meet(AY2020-21)

### SPORTS ACTIVITIES



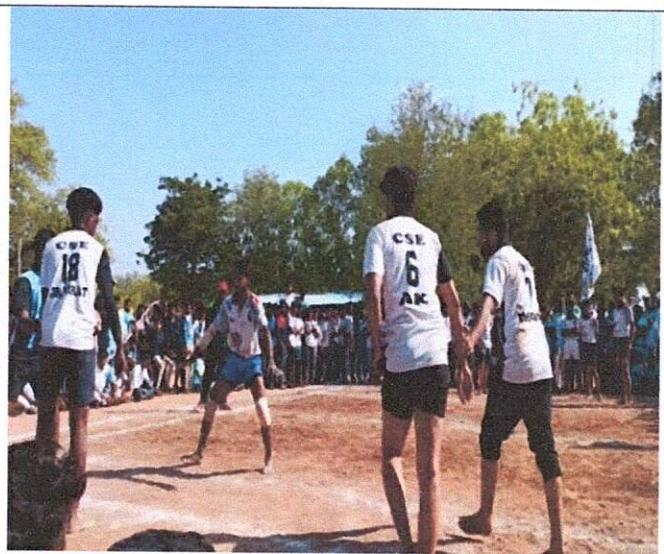
Inauguration of Annual sports meet



Girls group games



Kho-Kho



Kabbaddi

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# TECHNO-TRYST



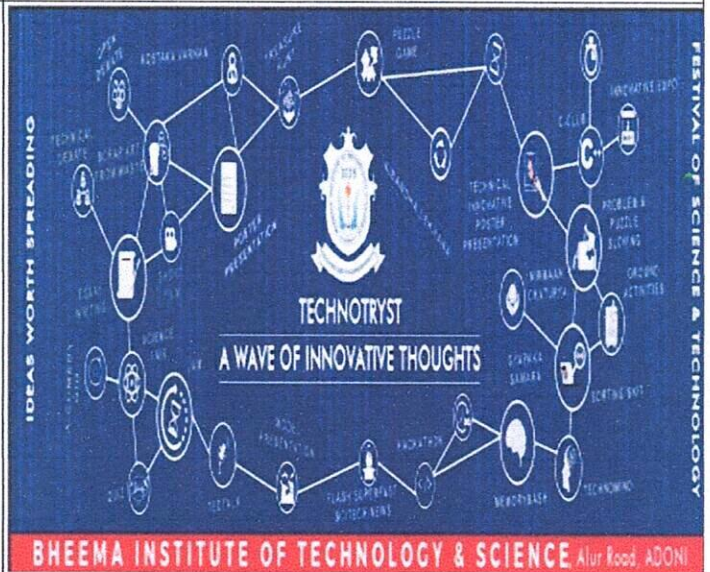
Flash superfast news



Out-door activity



Memory bash



Kalakriti (Best out of waste)

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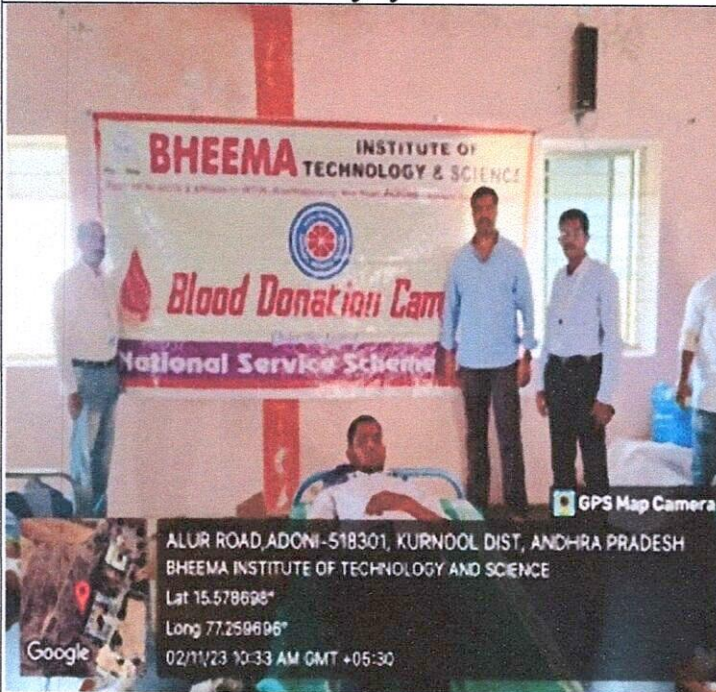
# CLUB ASSOCIATION



Adhyayan



Awarass



Blood donation



Tree plantation

*Prasanna*  
Principal  
Bheema Institute of  
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