



KAKINADA INSTITUTE OF TECHNOLOGY AND SCIENCE
DIVILI, TIRUPATHI (VI), PEDDAPURAM (MANDAL)
(Approved by AICTE, New Delhi & Affiliated to JNT University, Kakinada)
(Accredited by NAAC with B+ grade)

DEPARTMENT OF CIVIL ENGINEERING

Date: 10-12-2020

CIRCULAR

Department of Civil Engineering organizing A One Week Faculty Development Programme on "Recent Advances in Concrete Technology & Sustainable Infrastructure" from 14-12-2020 to 19-12-2020. Request all the faculty members to attend the program.

Venue: Seminal Hall-1, 1st floor

PRINCIPAL
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Kakinada Institute of Technology and Science
Tirupathi (V), Divili, Peddapuram (M),
E.G. Dist.-533433.

Circulated to: All HOD's

Copy to: Notice Board

Topics covered:

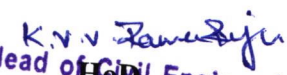
- High-Performance Concrete (HPC)
- Nanoparticles of supplementary siliceous material (NPSSM)
- Blast furnace slag (BFS)
- Fly ash (FA)
- Metakaolin (MN)
- Silica fume (SF)

Outcome of the Programme:

Advance Concrete is a computer-aided design (CAD) software application was developed by GRAITEC, but is now an Autodesk product, used for modelling and detailing reinforced concrete structures. Advance Concrete is used in the structural / civil engineering and drafting fields. PLC, also known as Type 1L cement, is an innovative product that is reshaping how those in the construction industry use concrete. It's a type of blended cement that contains between 5 and 15% limestone. The product itself performs the same as standard concrete but it comes with great benefits.

No. of Participants: 11


Coordinator


Head of Civil Engineering Department
Kakinada Institute of Technology & Sci.
DIVILI, Peddapuram (M), E.G. Dist., -533400

Objective of the Programme:-

Modern concrete technology produces specialized types of concrete, including lightweight, high-strength, high-performance, self-consolidating, underwater shotcrete, and pumped concrete. From Biopolymers and Biotech Admixtures for Eco-Efficient Construction Materials. With SITES-certified projects growing in application and use, manufacturers are increasingly offering sustainable concrete alternatives, such as permeable concrete material, pavement systems that allow for more water infiltration into the ground, and recycled aggregate material. Geopolymer concrete the economical, more durable, and environmentally friendly concrete with a carbon footprint of only about 10% of Portland cement.

Resource Person:

B SRI KALYAN

ASSOCIATE PROFESSOR

VSM College Of Engineering And Technology

Ph. No : 7382781194

Mail. Id : anilignr.54@gmail.com

REGISTRATION FORM

Name:.....

Designation:.....

Institution:.....

Address for Communication:.....

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Mobile:.....

email:.....

FREE Registrations free for
in-house faculty

PROGRAM COMMITTEE:

CHIEF PATRON

Sri.B. Srinivasa Rao

Chairman.

KITS

PATRON

Dr.E. Saritha Rameswarudu

Prinipal.

KITS

CONVEOR

Mr. R RAJAKRISHNA

Associate Professor & HOD of CIVIL

KITS

CO-CONVENOR

Mr. A.P.V. Saghavendra.

Assistant Professor

KITS

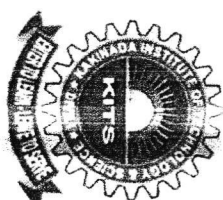
ADDRESS FOR COMMUNICATION:

Mr. R. RAMAKRISHNA

Convonor

Associate Professor & HOD of CIVIL

9989803199



Kakinada Institute Of Technology And Science

(Approved by AICTE, Affiliated to JNTU Kakinada)

Accredited by NAAC with B Grade

Tirupathi (V), Divili, Peddapuram (M), East Godavari,

Samarlakota, Andhra Pradesh 533433

A One Week

Faculty Development Programme

on

**RECENT ADVANCES IN CONCRETE
TECHNOLOGY AND SUSTAINABLE
INFRASTRUCTURE**

Dates:

14-12-2020 to 19-12-2020

Organized by:

Department of CE

Venue:

College Seminar Hall,

Kakinada Institute of Technology and Science

Tirupathi (V), Divili, Peddapuram (M),

East Godavari (d), Samarlakota.

Andhra Pradesh-533433

INDIA

About Institute

Kakinada Institute of Technology and Science was established in 2008 at Tirupathi Village, Divili, East Godavari District under the aegis of "Srinivasa Educational Society" Rajahmundry. It is popularly known with its acronym KITS, Divili. The Tirupathi Village is having 1500 yrs Old Temple "Lord Venkateswara" which a famous one K.I.T.S is located at Divili on the Samalkota to Prathipadu road. It offers Six UG (B.Tech) Programmes in Agricultural Engineering, Civil Engineering, Computer Science and Engineering, Electrical and Electronics Engineering, Electronics and Communication Engineering, Mechanical Engineering, different PG Programmes M.Tech (Structural Engg), M.Tech (Thermal Engg), M.Tech ((CAD/CAM), M.Tech(CSE), M.Tech (Power Electronics), M.Tech(Embedded Systems&VLSI Design), MBA, M.Pharm. The institute is also offers Three Diploma Programmes in Civil Engineering, Mechanical Engineering, Electrical and Electronics Engineering.

About the Department

The Department of CIVIL ENGINEERING is offering an undergraduate course (B.Tech) in CIVIL ENGINEERING and one post graduate course (M.Tech) in STRUCTURAL ENGINEERING. The B.Tech program was started in 2008 with an intake of 40. The CIVIL department has more than 20 qualified and experienced faculty members. The department has organized several symposiums, guest lectures and Workshops. The Department faculty are conducting their research work in STRUCTURAL DYNAMICS, ADVANCED CONCRETE TECHNOLOGY and ENVIRONMENTAL areas.

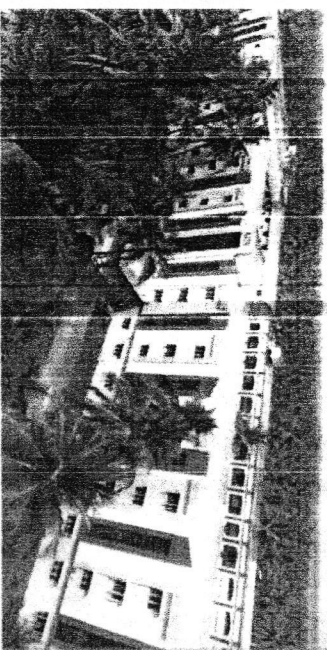
They are encouraged to attend international and national conferences and to present their research work. They usually publish their research work in reputed International and National journals. The department is also encouraging all the faculty members and students towards professional body memberships and activities. Our students are encouraged in R&D activities and they are used to publish their work in reputed journals and conferences. The Department also conducts special classes for competitive exams like GATE, GRE, and TOEFL. Some of the students are pursuing PG Programmes in prestigious Institutions like Universities, NIT'S, and IIT'S

Topics covered

- High-Performance Concrete (HPC)
- Nanoparticles of supplementary siliceous material (NPSSM)
- Blast furnace slag (BFS)
- Fly ash (FA)
- Metakaolin (MN)
- Silica fume (SF)

Organising Secretary:

STR.RAMAKRISHNA HOD – CE
Assistant Professor,
KITS Engineering college, Divili.
9753816589



KAKINADA INSTITUTE OF TECHNOLOGY AND SCIENCE

(Approved by AICTE, New Delhi & Affiliated to JNT University, Kakinada)

Accredited by NAAC with B+ Grade, DIVILI, TIRUPATHI (V), PEDDAPURAM MANDAL

FACULTY DEVELOPMENT PROGRAMME

DEPARTMENT :-

Civil

TITLE:-

Recent Advances in Concrete Technology

DATE:-

14-12-2020 to 19-12-2020

S.NO	NAME OF THE FACULTY	DESIGNATION	NAME OF THE COLLEGE	DAY-1	DAY-2	DAY-3	DAY-4	DAY-5	DAY-6
1	L.N.V. Prasad	Asst. Prof	KITS	LNV	LNV	LNV	LNV	LNV	LNV
2	S. Ashok Kumar	Asst. prof	KITS	Am	Am	Am	Am	Am	Am
3	R.R. Srinivasulu	Asst. prof	KITS	SR	SR	SR	SR	SR	SR
4	B. Chandrababu	Asst. prof	KITS	cha	cha	cha	cha	cha	cha
5	S.S. Vara Prasad	Asst. prof	KITS	pra	pra	pra	pra	pra	pra
6	L. Bhamu	Asst. prof	KITS	ham	ham	ham	ham	ham	ham
7	Gogineni harish	Asst. prof	KITS	har	har	har	har	har	har
8	A. Tal Mohideen	Asst. prof	KITS	Moh	Moh	Moh	Moh	Moh	Moh
9	S.N. Rao	Asst. prof	KITS	Ra	Ra	Ra	Ra	Ra	Ra
10	A.P. Rao	Asst. prof	KITS	Rao	Rao	Rao	Rao	Rao	Rao
11	Mohamad Ishaq	Asst. prof	KITS	Ishaq	Ishaq	Ishaq	Ishaq	Ishaq	Ishaq
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P. Srinivasulu Reddy
CO-ORDINATOR

K.V.V. Ramijun
HOD



KAKINADA INSTITUTE OF TECHNOLOGY AND SCIENCE

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Accredited by NAAC with B+ Grade

Tirupathi (V), Divilli, Peddapuram (M), East Godavari, Samarlakota, Andhra Pradesh-533433

Participation Certificate

This is to certify that

Mr./Mrs./Ms. KEERTHANA RT - PYDAH

has participated in Faculty Development Programme on


"Recent Advances in Concrete Technology &

Sustainable Infrastructure "organized by

department of CE, Kakinada Institute of Technology and Science,

Divilli, East Godavari Dist., A.P.-533433 from 14-12-2020 to 19-12-2020


Program Coordinator


Principal



KAKINADA INSTITUTE OF TECHNOLOGY AND SCIENCE
DIVILI, TIRUPATHI (VI), PEDDAPURAM (MANDAL)
(Approved by AICTE, New Delhi & Affiliated to JNT University, Kakinada)
(Accredited by NAAC with B+ grade)

DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

Date: 05-02-2021

CIRCULAR

Department of Electrical and Electronics Engineering organizing A One Week Faculty Development Programme on “**Controller Hardware-in-the-Loop Simulation Tool for Future Electrical Engineers**” from **08-02-2021 to 13-02-2021**. Request all the faculty members to attend the program.

Venue: Seminal Hall-1, 1st floor

PRINCIPAL

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Kakinada Institute of Technology and Science
Tirupathi (V), Divili, Peddapuram (M).
E.G. Dist.-533433.

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KAKINADA INSTITUTE OF TECHNOLOGY AND SCIENCE
DIVILI, TIRUPATHI (VI), PEDDAPURAM (MANDAL)
(Approved by AICTE, New Delhi & Affiliated to JNT University, Kakinada)
(Accredited by NAAC with B+ grade)

DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

Date: 28-02-2018

PROGRAMME REPORT

Name of the programme : A One Week Faculty Development Programme on
**"Controller Hardware-in-the-Loop Simulation Tool
for Future Electrical Engineers "**

Dates : 08-02-2021 to 13-02-2021

Details of Resource Person:

Name : Dr. S.Srikanth
Designation : Professor
Organization : BVC Engineering college
Ph. No : 9346547224
Mail. Id : Sambana.srikanth@gmail.com

Objective of the Programme:

Hardware-in-the-loop (HIL) simulation is a type of real-time simulation. You use HIL simulation to test your controller design. HIL simulation shows how your controller responds in real time to realistic virtual stimuli. You can also use HIL to determine if your physical system (plant) model is valid. Hardware-in-the-loop (HIL) testing is real-time simulation that lets you begin testing your embedded code without needing system hardware. This lets you test for abnormal and fault conditions that may damage hardware if the code under development does not operate within specifications.

Topics covered:

- The controller,
- The torque device (brake, clutch, or drive),
- The tension measurement device, and
- The measurement signals


Outcome of the Programme:

Compared to in-vehicle testing, HiL simulation provides benefits of low cost, high availability, high flexibility, repeatability, and test automation capability. HiL simulation reduces the risk caused by control failure, which is especially important for self-driving control system development and testing. A simple example of a closed loop control system is a home thermostat. The thermostat can send a signal to the heater to turn it on or off. It uses a temperature sensor to detect the current air temperature. When the temperature is below the set point, it turns the heater on.

- Initialization: In this expression, we initialize the loop counter.
- Condition: In this expression, we write the logical condition to execute the for loop.
- Increment/decrement: In this expression, we increment or decrement the loop counter value

No. of Participants: 13


Coordinator


HoD
Head of the Department
Electrical & Electronics & Engineering
KITS Engineering College, D. J. S. I.

Objective of the Programme:-

Hardware-in-the-loop (HIL) simulation is a type of real-time simulation. You use HIL simulation to test your controller design. HIL simulation shows how your controller responds in real time to realistic virtual stimuli. You can also use HIL to determine if your physical system (plant) model is valid. Hardware-in-the-loop (HIL) testing is real-time simulation that lets you begin testing your embedded code without needing system hardware. This lets you test for abnormal and fault conditions that may damage hardware if the code under development does not operate within specifications.

Resource Person:

Dr. S.Sribanath

Designation : Professor
Organization : BVC Engineering college
Ph. No : 9346547224

Mail. Id : Sambana.srikanth@gmail.com

REGISTRATION FORM

Name:.....
Designation:.....
Institution:.....
Address for Communication:.....
.....
Mobile:.....
email:.....

FREE Registrar free for in-house faculty

PROGRAM COMMITTEE:

CHIEF GUEST

Sri.B.Srinivasa Rao

Chairman
KITS

PATRO

Dr.F. Saravarameswarudu

Principal,
KITS

CONVEOR

Sri.B.Ramesh

Associate Professor & HOD of EEE

CO-CONVEOR

Smt.K.B. Vinu Deepika

Assistant Professor,

ADDRESS FOR COMMUNICATION:

Sri. B. Ramesh

Convenor

Assistant Professor,

KITS Engineering College, Divili,
9912485625



Kakinada Institute Of Technology And Science

(Approved by AICTE, Affiliated to JNTU Kakinada)

Accredited by NAAC with B

Tirupathi (V), Divili, Peddapuram (M), East Godavari,
Samarlakota, Andhra Pradesh 533433

A One Week

Faculty Development Programme

**"CONTROLLER HARDWARE-IN-THE-LOOP
SIMULATION TOOL FOR FUTURE
ELECTRICAL ENGINEERS "**

Dates:

08-02-2021 to 13-02-2021

Organized by:

Department of EEE

Venue:

College Seminar Hall,

Kakinada Institute of Technology and Science

Tirupathi (V), Divili, Peddapuram (M),

East Godavari (d), Samarlakota,

Andhra Pradesh-533433

INDIA

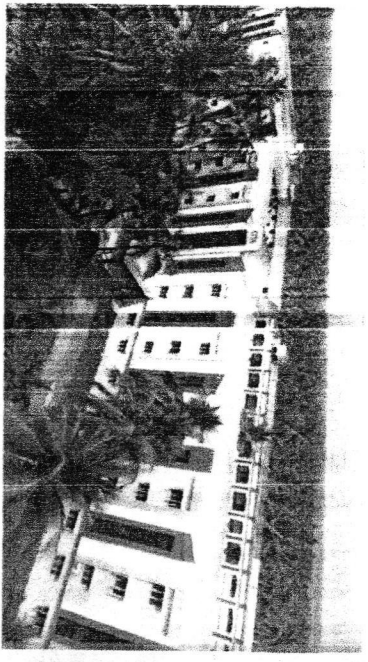
Kakinada Institute of Technology and Science was established in 2008 at Tirupathi Village, Divili. First Godavari District under the aegis of "Srinivasa Educational Society" Rajahmundry. It is popularly known with its acronym KITS, Divili. The Tirupathi Village is having 1500 yrs Old Temple "Lord Venkateswara" which a famous one. K.I.T.S is located at Divili on the Samalkota to Prathipadu road. It offers Six UG (B.Tech) Programmes in Agricultural Engineering, Civil Engineering, Computer Science and Engineering, Electrical and Electronics Engineering, Electronics and Communication Engineering, Mechanical Engineering, different PG Programmes M.Tech (Structural Engg), M.Tech (Thermal Engg), M.Tech (CAID/CAM), M.Tech(CSE), M.Tech (Power Electronics), M.Tech(Embedded Systems&VLSI Design), MBA, M.Pharm. The institute is also offers Three Diploma Programmes in Civil Engineering, Mechanical Engineering, Electrical and Electronics Engineering.

The Department of Electrical and Electronics Engineering is offering an undergraduate course (B.Tech) in Electrical and Electronics Engineering and one post graduate course (M.Tech) in Power Electronics. The B.Tech program was started in 2008 with an intake of 60 later was enhanced to 120 in 2010. The M.Tech program in Power Electronics has started in 2012 with an intake of 18 students. The EEE department has more than 20 qualified and experienced faculty members. The Department has organized several symposiums, guest lectures and Workshops. The Department faculty are conducting their research work in Power Systems, Power Electronics, Electrical machines areas. They are encouraged to attend international and National conferences and to present their research work. They usually publish their research work in reputed International and National journals. The department is also encouraging all the faculty members and students towards professional body memberships and activities. The EEE Department promotes the student activities through its IEEE, and IETE student branches apart from regular academics. Our students are encouraged in R&D activities and they are used to publish their work in reputed journals and conferences.

- The controller,
- The torque device (brake, clutch, or drive),
- The tension measurement device, and
- The measurement signals

Organising Secretary:

St.B.Ramash HOD-EEE
 Assistant Professor,
 KITS Engineering college, Divili.
 9912485625



KAKINADA INSTITUTE OF TECHNOLOGY AND SCIENCE

(Approved by AICTE, New Delhi & Affiliated to JNT University, Kakinada)

Accredited by NAAC with B+ Grade, DIVILI, TIRUPATHI (V), PEDDAPURAM MANDAL

FACULTY DEVELOPMENT PROGRAMME

DEPARTMENT :-

TITLE:-

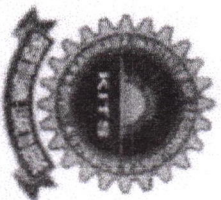
DATE:-

EEE
Controller Hardware in the loop Simulation Tool for Future
8-02-2021 to 13-02-2021
electrical

S.NO	NAME OF THE FACULTY	DESIGNATION	NAME OF THE COLLEGE	DAY-1	DAY-2	DAY-3	DAY-4	DAY-5	DAY-6
1	Saranga Sai	Asst. Prof	PYDAH	S	S	S	S	S	S
2	B. Rajesh	Asst. prof	PYDAH	Raj	Raj	Raj	Raj	Raj	Raj
3	D. Durga	Asst. prof	PYDAH	Durga	Durga	Durga	Durga	Durga	Durga
4	Satya Prakash	Asst. prof	PYDAH	S	S	S	S	S	S
5	Ramesh Babu	Asst. prof	KITS	R	R	R	R	R	R
6	Siva Sankar Pampani	Asst. prof	KITS	S	S	S	S	S	S
7	Baby Badugu	Asst. prof	KITS	Baby	Baby	Baby	Baby	Baby	Baby
8	Chittagowri Baddu	Asst. prof	KITS	Chittag	Chittag	Chittag	Chittag	Chittag	Chittag
9	Veeresh Babu Sidi	Asst. prof	KITS	V. Babu	V. Babu	V. Babu	V. Babu	V. Babu	V. Babu
10	Arook Raju Vanka	Asst. prof	KITS	A	A	A	A	A	A
11	Siva Krishna Palata	Asst. prof	KITS	Siva	Siva	Siva	Siva	Siva	Siva
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B. Bony
CO-ORDINATOR

BP
HOD



KAKINADA INSTITUTE OF TECHNOLOGY AND SCIENCE

(Approved by AICTE, Affiliated to JNTU Kakinada)

Accredited by NAAC with B+ Grade

Tirupathi (V), Divilli, Peddapuram (M), East Godavari, Samarlakota, Andhra Pradesh-533433

Participation Certificate

This is to certify that

Mr./Mrs./Ms. Saravala Sai - Pydah

has participated in Faculty Development Programme on

"Controller Hardware-in-the-Loop Simulation Tool for Future Electrical Engineers" organized by

department of EEE, Kakinada Institute of Technology and Science,

Divilli, East Godavari Dist., A.P.-533433 from 08-02-2021 to 13-02-2021

B. R.
Program Coordinator

P.
Principal



KAKINADA INSTITUTE OF TECHNOLOGY AND SCIENCE
DIVILI, TIRUPATHI (VI), PEDDAPURAM (MANDAL)
(Approved by AICTE, New Delhi & Affiliated to JNT University, Kakinada)
(Accredited by NAAC with B+ grade)

DEPARTMENT OF AGRICULTURAL ENGINEERING

Date: 15-04-2021

CIRCULAR

Department of Agricultural Engineering organizing A One Week Faculty Development Programme on "Digital farming techniques and their applications" from 19-04-2021 to 24-04-2021. Request all the faculty members to attend the program.

Venue: Seminal Hall-1, 1st floor

PRINCIPAL
PRINCIPAL

Kakinada Institute of Technology and Science
Tirupathi (V), Divili, Peddapuram (M),
E.G. Dist.,-533433.

Circulated to: All HOD's

Copy to: Notice Board



KAKINADA INSTITUTE OF TECHNOLOGY AND SCIENCE
DIVILI, TIRUPATHI (VI), PEDDAPURAM (MANDAL)
(Approved by AICTE, New Delhi & Affiliated to JNT University, Kakinada)
(Accredited by NAAC with B+ grade)

DEPARTMENT OF AGRICULTURAL ENGINEERING

Date: 28-04-2021

PROGRAMME REPORT

Name of the programme : A One Week Faculty Development Programme on
"Digital farming techniques and their applications "

Dates : 19-04-2021 to 24-04-2021

Details of Resource Person:

Name : SRIKANTH
Designation : ASSOCIATE PROFESSOR
Organization : PYDAH COLLEGE OF ENGINEERING
Ph. No : 800880739
Mail. Id : sri0624@gmil.com

Objective of the Programme:


- Crop and soil monitoring.
- Insect and plant disease detection.
- Livestock health monitoring.
- Intelligent spraying.
- Automatic weeding.
- Aerial survey and imaging.
- Produce grading and sorting.
- The future of AI in Agriculture: Farmers as AI engineers

Topics covered:

- Accurate weather predictions,
- yield mapping,
- variable-rate applications (of water, herbicides, and fertilizers)
- GPS guiding systems

Outcome of the Programme:

AI systems are helping to improve the overall harvest quality and accuracy – known as precision agriculture. AI technology helps in detecting disease in plants, pests and poor nutrition of farms. AI sensors can detect and target weeds and then decide which herbicide to apply within the region. The lack of qualified staff represents the biggest concern and challenge for farmers, as digital equipment and machines require specific skills and competences. The second most important challenge is related to the lack of financial funds. High technology machines are expensive and difficult to maintain. Save Time and Money. One of the biggest drivers for embracing digital agriculture is its ability to save farmers time and money. By laying out a field more effectively using GPS technology and advanced insights, a farmer might be able to increase their yield and get the job done faster, thus reducing costs.

No. of Participants: 13
Coordinator
HoD**Head of the Department
Agricultural Engineering
KITS Engineering College, DIVILI**

Objective of the Programme:-

- Crop and soil monitoring.
- Insect and plant disease detection.
- Livestock health monitoring.
- Intelligent spraying.
- Automatic weeding.
- Aerial survey and imaging.
- Produce grading and sorting.
- The future of AI in Agriculture: Farmers as AI engineers

Resource Person:

MR. P. SRIKANTH

Pydah College of Engineering
Kakinada, Yamam Road, patavala, Tallarevu (m)
East Godavari (dist.), A.P.-533461
Ph. No : 800880739, sri0624@gmail.com

REGISTRATION FORM

Name:.....

Designation:.....

Institution:.....

Address for Communication:.....

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Mobile:.....

email:.....

FREE Registrators free for
in-house faculty

PROGRAM COMMITTEE:

CHIEF PATRON
Sri.B.Srini Vasa Rao
Chairman,
KITS

PATRON
Dr.E. Saravaneswarudu
Principal,
KITS

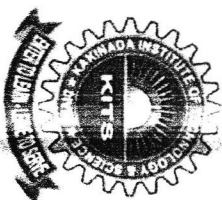
CONVENOR
Dr. T. Prabhakar Rao,
HOD - AGE

CO-CONVENOR
Dr. T. Prabhakar Rao,
Associate Professor

ADDRESS FOR COMMUNICATION:

Dr. T. Prabhakar Rao, HOD - AGE
Convenor
Professor of AGE

Kakinada Institute of Technology and Science
Divili, East Godavari, A.P.



Kakinada Institute Of Technology And Science

(Approved by AICTE, Affiliated to JNTU Kakinada)

Accredited by NAAC with B

Tirupathi (V), Divili, Peddapuram (M), East Godavari,
Samarlakota, Andhra Pradesh 533433

A One Week

Faculty Development Programme
on

**"DIGITAL FARMING TECHNIQUES
AND THEIR APPLICATIONS"**

Date:

19-04-2021 to 24-04-2021

Organized by:

Department of AGE

Venue:

College Seminar Hall,
Kakinada Institute of Technology and Science
Tirupathi (V), Divili, Peddapuram (M),
East Godavari (d), Samarlakota,
Andhra Pradesh-533433
INDIA

About the Institute

Kakinada Institute of Technology and Science was established in 2008 at Tirupathi Village, Divilli, East Godavari District under the aegis of "Srinivasa Educational Society" Rajahmundry. It is popularly known with its acronym KITS. Divilli. The Tirupathi Village is having 1500 yrs Old Temple "Lord Venkateswara" which a famous one. K.I.T.S is located at Divilli on the Samalkota to Prathipadu road. It offers Six UG (B.Tech) Programmes in Agricultural Engineering, Civil Engineering, Computer Science and Engineering, Electrical and Electronics Engineering, Electronics and Communication Engineering, Mechanical Engineering, different PG Programmes M.Tech (Structural Engg), M.Tech (Thermal Engg), M.Tech ((CAD/CAM), M.Tech(CSE), M.Tech (Power Electronics), M.Tech(Embedded Systems&VLSI Design), MBA, M.Pharm. The institute is also offers Three Diploma Programmes in Civil Engineering, Mechanical Engineering, Electrical and Electronics Engineering.

About the Department

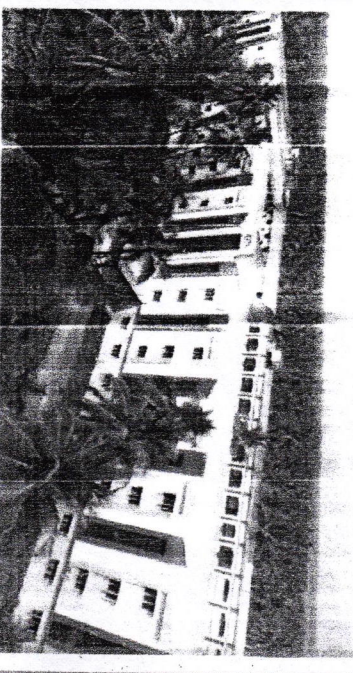
The Department of Agriculture Engineering was established in 2013 and is offering B.TECH course in Agriculture Engineering. The department has qualified and experienced staff and well-equipped laboratories with the state-of-the-art facilities. The UG B. TECH Programme of the department got accredited for three years in 2012, 2016, and in 2019, 2022. The department was recognized as Research Centre by JNTUK, Kakinada. Students of the department have added value to the department by getting placed in reputed core and Agriculture companies and by excelling in competitive examinations.

Topics covered

- Accurate weather predictions,
- yield mapping,
- variable-rate applications (of water, herbicides, and fertilizers)
- GPS guiding systems

Organizing Secretary:

D. T. Prabhu - HOD - Civil Engineering
Associate Professor &
OD of AGE



KAKINADA INSTITUTE OF TECHNOLOGY AND SCIENCE

(Approved by AICTE, New Delhi & Affiliated to JNT University, Kakinada)

Accredited by NAAC with B+ Grade, DIVILI, TIRUPATHI (V), PEDDAPURAM MANDAL

FACULTY DEVELOPMENT PROGRAMME

DEPARTMENT :-

AGE

TITLE:-

Digital framing techniques and their applications

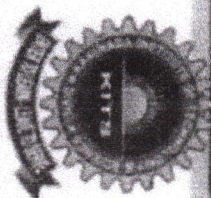
DATE:-

19-04-2021 to 24-04-2021

S.NO	NAME OF THE FACULTY	DESIGNATION	NAME OF THE COLLEGE	DAY-1	DAY-2	DAY-3	DAY-4	DAY-5	DAY-6
1	A. Sai Bhavani	Asst. prof	PVDAH	A.Sai	A.Sai	A.Sai	A.Sai	A.Sai	A.Sai
2	R. pavitra	Asst. prof	PVDAH	R.pavitra	R.pavitra	R.pavitra	R.pavitra	R.pavitra	R.pavitra
3	J.V.R. Sai Vinay	Asst. prof	PVDAH	Sai	Sai	Sai	Sai	Sai	Sai
4	Nagendra Kumar Gupta	Asst. prof	PVDAH	Kum	Kum	Kum	Kum	Kum	Kum
5	J. srabakara rao	Asst. prof	KITS	P	P	P	P	P	P
6	Varaprasad Das	Asst. prof	KITS	P	P	P	P	P	P
7	B. G. Pooja	Asst. prof	KITS	pooja	pooja	pooja	pooja	pooja	pooja
8	Sasi Borra	Asst. prof	KITS	Sasi	Sasi	Sasi	Sasi	Sasi	Sasi
9	V. C. Vasi Reddy	Asst. Prof	KITS	Vasire	Vasire	Vasire	Vasire	Vasire	Vasire
10	B. kumar Yadav	Asst. prof	KITS	B.kum	B.kum	B.kum	B.kum	B.kum	B.kum
11	Siva kondepudi	Asst. prof	KITS	Siva	Siva	Siva	Siva	Siva	Siva
12	Surya mahalakshmi	Asst. prof	KITS	Surya	Surya	Surya	Surya	Surya	Surya
13	Pedakapu kongaru	Asst. prof	KITS	P	P	P	P	P	P
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CO-ORDINATOR


HOD



KAKINADA INSTITUTE OF TECHNOLOGY AND SCIENCE

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Tirupathi (V), Divili, Peddapuram (M), East Godavari, Samarlakota, Andhra Pradesh-533433

Participation Certificate

This is to certify that

Mr./Mrs./Ms. Narendra Kumar Gupta - PYDAH

has participated in Faculty Development Programme on
"Digital farming techniques and their applications"

organized by

department of AE, Kakinada Institute of Technology and Science,

Divili, East Godavari Dist., A.P.-533433 from 19-04-2021 to 24-04-2021

Program Coordinator

Principal



KAKINADA INSTITUTE OF TECHNOLOGY AND SCIENCE
DIVILI, TIRUPATHI (VI), PEDDAPURAM (MANDAL)
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DEPARTMENT OF MECHANICAL ENGINEERING

Date: 10-12-2021

CIRCULAR


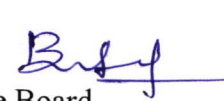

Department of Mechanical Engineering organizing A One Week Faculty Development Programme on "Thermal Battery Power Sources And Explosive Heat Actuated Thermal Subsystems In Aero Space Applications" from 14-12-2021 to 19-12-2021. Request all the faculty members to attend the program.

Venue: Seminal Hall-1, 1st floor


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DEPARTMENT OF MECHANICAL ENGINEERING

Date: 16-03-2021

PROGRAMME REPORT

Name of the programme : A One Week Faculty Development Programme on
"Thermal Battery Power Sources And Explosive Heat
Actuated Thermal Subsystems In Aero Space Applications "

Dates : 14-03-2021 to 13-03-2021

Details of Resource Person:

Name : J. HARI NARAYANA
Designation : ASSOCIATE PROFESSOR
Organization : AIMS COLLEGE OF ENGINEERING
Ph. No : 994931879
Mail. Id : hari.jyothula1@gmail.com

Objective of the Programme:

A thermal energy battery is a physical structure used for the purpose of storing and releasing thermal energy. But other parts of a thermal battery, including graphite, are cheap. In a 2019 paper, Henry and his colleagues had calculated that even a 35% efficiency in heat-to-electricity conversion would make the technology economically viable. This battery, as its name suggests, consists of magnesium anode, vanadium oxide cathode, and a mixture of solid lithium chloride and potassium chloride as a standby electrolyte. The battery is activated by a pyrotechnic device that sets off and melts off the salt mixture.

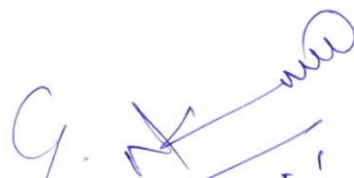
Topics covered:


- Thermocouple Battery
- Alkali Metal Thermal Electric Converter
- Phase change thermal battery

Outcome of the Programme:

Thermal batteries are primarily used in military applications, and are currently used in a wide variety of Navy devices such as missiles, torpedoes, decoys, and training targets, usually as power supplies in guidance, propulsion, and Safe/Arm applications. Thermal batteries are considered a reliable source of specific energy. They are non-rechargeable, single-use batteries that can be stored for a long time without any need for maintenance. These batteries can be used at any time and only require several tenths of a second before they are ready for activation.

No. of Participants: 15


Coordinator


HEAD DEPT. MECH. ENGG.
HOD
KAKINADA INSTITUTE OF TECHNOLOGY AND S.
TIRUPATI(V), PEDDAPURAM (MD), EAST GODAVARI

Material characterization enables researchers to determine the structure of a material, how this structure relates to its macroscopic properties, and how it will behave in technological applications. Material characterization techniques are used to choose the best materials, prevent accidents and improve efficiency in design and manufacturing tasks, thus lengthening the useful life of products and optimizing the resources available in the Business. Characterization studies are essential to gain practical knowledge about materials. They can also be used to correlate structure with properties. There is a host of characterization techniques used to identify materials.

CHIEF INTRON
Sri. B. Srinivas Rao
Chairman,
KITS

PATRO
Dr. E. Sarameswarudu
Principal,
KITS

CONVEOR
Mr. Y. Dhanasekhar,
HOD - MECH

COORDINATOR
Mr. Y. Dhanasekhar,
Associate Professor

Resource Person:
Mr. J. HARI NARAYANA

Associate Professor
AIMS College Of Engineering
Mummidivaram, East Godavari (d), A.P - 533437
Ph. No : 9949318
Mail. Id : harijyothulal@gmail.com

ADDRESS FOR COMMUNICATION
Mr. Y. Dhanasekhar, HOD - MECH
Convenor

Kakinada Institute of Technology and Science
Divilli, East Godavari, A.P.



Kakinada Institute Of Technology And Science

(Approved by AICTE, Affiliated to JNTU Kakinada)
Accredited by NAAC with B Grade
Tirupathi (V), Divilli, Peddapuram (M), East Godavari,
Samarlakota, Andhra Pradesh 533433

A One Week
Faculty Development Programme

OF
"THERMAL BATTERY POWER SOURCES
AND EXHAUSTIVE
HEAT ACTUAL THERMAL
SUBSYSTEMS IN AERO APPLICATIONS"

Date: 14-03-2021 to 13-03-2021

Organized by:
Department of MECH

Venue:
College Seminar Hall,
Kakinada Institute of Technology and Science
Tirupathi (V), Divilli, Peddapuram (M),
East Godavari (d), Samarlakota,
Andhra Pradesh-533433
INDIA

REGISTRATION FORM

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Designation:.....
Institution:.....
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Mobile:.....
email:.....

FREE Registrators free for
in-house faculty

Kakinada Institute of Technology and Science was established in 2008 at Tirupathi Village, Diviti, East Godavari District under the aegis of "Srinivasa Educational Society" Rajahmundry. It is popularly known with its acronym KITS, Diviti. The Tirupathi Village is having 1500 yrs Old Temple "Lord Venkateswara" which a famous one. K.I.T.S is located at Diviti on the Samalkota to Prathipadu road. It offers Six UG (B.Tech) Programmes in Agricultural Engineering, Civil Engineering, Computer Science and Engineering, Electrical and Electronics Engineering, Electronics and Communication Engineering, Mechanical Engineering, different PG Programmes M.Tech (Structural Engg), M.Tech (Thermal Engg), M.Tech (CAD/CAM), M.Tech(CSE), M.Tech (Power Electronics) M.Tech(Embedded Systems&VLSI Design), MBA, M.Pharm. The institute is also offers Three Diploma Programmes in Civil Engineering, Mechanical Engineering, Electrical and Electronics Engineering.

Managing moving machines of the world! It is this catchy phrase that has made Mechanical Engineering the thriving branch for being an integral part in shaping our world run on machines. The Mechanical Engineering department at Kakinada institute of technology and science has earned a place of high repute through its quality teaching rendered by highly qualified and experienced faculty with umpteen number of research publications in reputed journals like ASME, ELSEVIER etc. and rigorous practical training creating an ambience of excitement in all the stages of study. The department lays impetus on hands-on training with the support of simulation packages such as CATIA, ANSYS, I-DEAS, PRO-E, UNIGRAPHICS and SOLID WORKS.

- Scanning Electron Microscopy (SEM)
- X-ray Photoelectron Spectroscopy (XPS)
- Time-of-Flight Secondary Ion Mass Spectrometry (ToF-SIMS)
- Focused Ion Beam (FIB)

Organising Secretary:

Mr. Y. Dhanu Sekhar, HOD – MECH
Associate Professor &
HEAD of MECH



KAKINADA INSTITUTE OF TECHNOLOGY AND SCIENCE

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FACULTY DEVELOPMENT PROGRAMME

DEPARTMENT :-

MECH

TITLE:-

Thermal Battery power Sources and Explosive HATS in AS

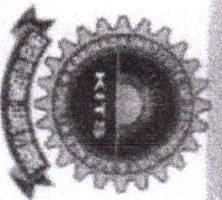
DATE:-

14-12-2021 to 19-10-2021

S.NO	NAME OF THE FACULTY	DESIGNATION	NAME OF THE COLLEGE	DAY-1	DAY-2	DAY-3	DAY-4	DAY-5	DAY-6
1	S. vijay kumar	ASS. prof.	B. v. c	vijay	vijay	vijay	vijay	vijay	vijay
2	A. Uma maheswari	ASST. prof	B.V. C	A.uma	A.uma	A.uma	A.uma	A.uma	A.uma
3	V. Anil Kumar	ASST. prof	PYDAH	An	An	An	An	An	An
4	Tutta. Mani	ASST. prof	PYDAH	Mani	Mani	Mani	Mani	Mani	Mani
5	Made prasad	ASST. prof	PYDAH	Pras	Pras	Pras	Pras	Pras	Pras
6	V. Bhanu shekhar	ASST. prof	KITS	Bhanu	Bhanu	Bhanu	Bhanu	Bhanu	Bhanu
7	P. Naga kumar	ASST. prof	KITS	P. Naga	P. Naga	P. Naga	P. Naga	P. Naga	P. Naga
8	Chaitanya M.N	ASST. prof	KITS	Chait	Chait	Chait	Chait	Chait	Chait
9	K. Srinivasa Rao	ASST. prof	KITS	K. Sra	K. Sra	K. Sra	K. Sra	K. Sra	K. Sra
10	Sai. Lasya G.	ASST. Prof	KITS	Sai	Sai	Sai	Sai	Sai	Sai
11	B. Chandramohan	ASST. prof	KITS	B. Moh	B. Moh	B. Moh	B. Moh	B. Moh	B. Moh
12	M. Susya nayanam	ASST. prof	KITS	M. Sus	M. Sus	M. Sus	M. Sus	M. Sus	M. Sus
13	D. Phaniendra babu	ASST. prof	KITS	D. Ph	D. Ph	D. Ph	D. Ph	D. Ph	D. Ph
14	V. Sudhakarshana	ASST. prof	KITS	V. Sud	V. Sud	V. Sud	V. Sud	V. Sud	V. Sud
15	P. V. Padma Rajesh H.	ASST. Prof	KITS	P. Pad	P. Pad	P. Pad	P. Pad	P. Pad	P. Pad
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CO-ORDINATOR


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KAKINADA INSTITUTE OF TECHNOLOGY AND SCIENCE

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Accredited by NAAC with B+ Grade

Tirupathi (V), Divilli, Peddapuram (M), East Godavari, Samarlakota, Andhra Pradesh-533433

Participation Certificate

This is to certify that

Mr./Mrs./Ms. Venugopal. Anil Kumar - Syda

has participated in Faculty Development Programme on

"Thermal Battery Power Sources And Explosive Heat Actuated

Thermal Subsystems In Aero Space Applications "organized by

department of ME, Kakinada Institute of Technology and Science,

Divilli, East Godavari Dist., A.P.-533433 from 14-03-2021 to 13-03-2021


Program Coordinator


Principal



KAKINADA INSTITUTE OF TECHNOLOGY AND SCIENCE
DIVILI, TIRUPATHI (VI), PEDDAPURAM (MANDAL)
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DEPARTMENT OF ELECTRONICS & COMMUNICATION ENGINEERING

Date: 21-10-2020

CIRCULAR

Department of Electronics & Communication Engineering organizing A One Week Faculty Development Programme on "Augment Reality & Virtual Reality " from 26-10-2020 to 31-10-2020. Request all the faculty members to attend the program.

Venue: Seminal Hall-1, 1st floor

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Kakinada Institute of Technology and Science
Tirupathi (V), Divili, Peddapuram (M),
E.G. Dist. -533433.

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DEPARTMENT OF ELECTRONICS & COMMUNICATION ENGINEERING

Date: 02-11-2020

PROGRAMME REPORT

Name of the programme : A One Week Faculty Development Programme on
"Augment Reality& Virtual Reality"

Dates : 26-10-2020 to 31-10-2020

Details of Resource Person:

Name : Dr.B.RAMANA KUMAR

Designation : PROFESSOR

Organization : ISTS

Objective of the Programme:

Augmented reality (AR) augments your surroundings by adding digital elements to a live view, often by using the camera on a smartphone. Virtual reality (VR) is a completely immersive experience that replaces a real-life environment with a simulated one. Car racing games are an example of immersive virtual reality that gives the user the sensation of speed and driving skills. Developed for gaming and other entertainment purposes, VR use in other sectors is increasing. Augmented reality uses the existing real-world environment and puts virtual information or even a virtual world on top of it to enhance the experience. For example, think of Pokémon Go, where users are searching in their real-life neighbourhoods for animated characters that pop up on their phone or tablet.

Topics covered:

- Non-immersive
- Semi-immersive
- Fully-immersive simulations

Outcome of the Programme:

VR creates an immersive virtual environment, while AR augments a real-world scene. VR is 75 percent virtual, while AR is only 25 percent virtual. VR requires a headset device, while AR does not. VR users move in a completely fictional world, while AR users are in contact with the real world. Virtual reality is a simulated 3D environment that enables users to explore and interact with a virtual surrounding in a way that approximates reality, as it is perceived through the users' senses. Augmented reality is an effective business tool. Across a number of different industries like retail, business, gaming, healthcare, and even the military, augmented reality is used for solving various business challenges.

No. of Participants: 10


Coordinator


HoD



Augmented reality (AR) augments your surroundings by adding digital elements to a live view, often by using the camera on a smartphone. Virtual reality (VR) is a completely immersive experience that replaces a real-life environment with a simulated one. Car racing games are an example of immersive virtual reality that gives the user the sensation of speed and driving skills. Developed for gaming and other entertainment purposes, VR use in other sectors is increasing. Augmented reality uses the existing real-world environment and puts virtual information or even a virtual world on top of it to enhance the experience. For example, think of Pokémon Go, where users are searching in their real-life neighbourhoods for animated characters that pop up on their phone or tablet.

REGISTRATION FORM

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 Institution:.....
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 Mobile:.....
 email:.....

FREE Registrators free for in-house faculty

CHIEF PATRON
 Sri.B.Srinivasa Rao
 Chairman,
 KITS

PATRON
 Dr.E. Sararameswarudu
 Principal,
 KITS

CONVENER
 Sri. M. Saibabu
 Professor of ECE
 KITS

CO-CONVENOR
 K.Raghu
 Assistant Professor, ECE
 KITS

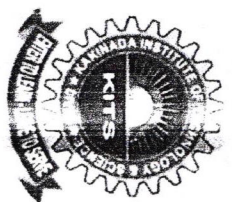
Resource Person:
Dr.B.RAMANA KUMAR

Designation: professor
 Organization: ISTS
 Phone :
 Mail: id:

ADDRESS FOR COMMUNICATION:

Sri. M. Sattibabu
 Convener
 Professor of ECE
 8466995939

Kakinada Institute of Technology and Science
 Divili, East Godavari, A.P.



Kakinada Institute Of Technology And Science

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 Accredited by NAAC with B Grade
 Tirupathi (V), Divili, Peddapuram (M), East Godavari,
 Samarlakota, Andhra Pradesh 533433
A One Week
Faculty Development Programme
 on

AUGMENT REALITY & VIRTUAL REALITY

Date:
 26-10-2020 to 31-10-2020
Organized by:
 Department of ECE

Venue:
 College Seminar Hall,
Kakinada Institute of Technology and Science
 Tirupathi (V), Divili, Peddapuram (M),
 East Godavari (d), Samarlakota,
 Andhra Pradesh-533433
 INDIA

About the Institute

Kakinada Institute of Technology and Science was established in 2008 at Tirupathi Village, Divili, East Godavari District under the aegis of "Srinivasa Educational Society" Rajahmundry. It is popularly known with its acronym KITS, Divili. The Tirupathi Village is having 1500 yrs Old Temple "Lord Venkateswara" which a famous one. K.I.T.S is located at Divili on the Samalkota to Prathipadu road. It offers Six UG (B.Tech) Programmes in Agricultural Engineering, Civil Engineering, Computer Science and Engineering, Electrical and Electronics Engineering, Electronics and Communication Engineering, Mechanical Engineering, different PG Programmes M.Tech (Structural Engg), M.Tech (Thermal Engg), M.Tech (CAD/CAM), M.Tech(CSE), M.Tech (Power Electronics) M.Tech(Embedded Systems&VLSI Design), MBA, M.Pharm. The institute is also offers Three Diploma Programmes in Civil Engineering, Mechanical Engineering, Electrical and Electronics Engineering.

About the Department

The Department Electronics and communications engineering deals with the transmission of information across a medium such as a co-axial cable, an optical fiber or free space. Transmissions across free space require information to be encoded in a carrier wave in order to be transmitted, this is known as modulation. Popular analog modulation techniques include amplitude modulation and frequency modulation.

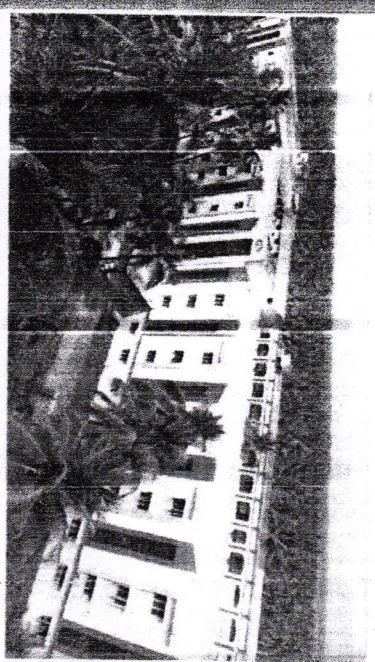
Once the transmission characteristics of a system are determined, telecommunication engineers design the transmitters and receivers needed for such systems. These two are sometimes combined to form a two-way communication device known as a transceiver. A key consideration in the design of transmitters is their power consumption as this is closely related to their signal strength. If the signal strength of a transmitter is insufficient the signal's information will be corrupted by noise.

Organizing Secretary:

Dr. M. Satibabu
Professor of ECE
466995939
KITS

Topics covered

- Non-immersive
- Semi-immersive
- Fully-immersive simulations





KAKINADA INSTITUTE OF TECHNOLOGY AND SCIENCE

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Accredited by NAAC with B+ Grade

Tirupathi (V), Divili, Peddapuram (M), East Godavari, Samarlakota, Andhra Pradesh-533433

Participation Certificate

This is to certify that

Mr./Mrs./Ms. KANAKALA SHIVA - PYDAH

has participated in Faculty Development Programme on

"Augment Reality & Virtual Reality" organized by

department of ECE, Kakinada Institute of Technology and Science,

Divili, East Godavari Dist., A.P.-533433 from 26-10-2020 to 31-10-2020


Program Coordinator


Principal