K.S.R.M. COLLEGE OF ENGINEERING - KADAPA

(An Autonomous Institution)
Approved by A.I.C.T.E, New Delhi, Affiliated to JNTUA, Ananthapuramu
Accredited by NAAC, New Delhi An ISO 14001:2004 & 9001:2015 Certified Institution

ESTD : 1980

LIGHTED TO LIGHTEN

Department of Electronics & Communication Engineering

AVALANCHE 2K20

Explosion of Ideas

One Day National Level Technical Symposium

4th March-2020

ECHO

Registration Fee
Rs. 200 per Event

Scan QR Code for Registration

Team Size : 2

Paper Presentation
AI & Machine Learning
VLSI & Embedded Systems
Image & Signal Processing
Internet of Things
Advanced Wireless Communication
Nano Technology & 5G Technology

Team Size : 2

Paradigm (Poster Presentation)
AI & Machine Learning
VLSI & Embedded Systems
Image & Signal Processing
Internet of Things
Advanced Wireless Communication
Nano Technology & 5G Technology
Global Issues

Ignite Talks
Engineering
Science
Technology
Global Issues

Technovert
Team Size : 3

Chakravyuh
Team Size : 4

Important Dates
Last Date For Submission - 29 Feb
Date Of Intimation - 1st March
avalanche2k20@gmail.com
Website : ksrmce.ac.in

Sri K. Chandra Obul Reddy Management Member, M.D of K.O.R. Ginning & Oil Mills Pvt. Ltd.	Sri K. Madan Mohan Reddy Vice-Chairman	Sri K. Sivananda Reddy Correspondent	Sri S. Sankar Reddy Chairman	Prof. A. Mohan Director	Prof. V.S.S. Murthy Principal	Dr. G. Hemalatha Professor, HOD,ECE Convener

Staff Co-ordinators	Sri M. Rama Murthy Naik Asst Professor, ECE 83280 58318	Miss S. Jabeen Asst Professor, ECE 93981 91441	Student Co-ordinators	P. Mahesh 8919010897	P. Sravani 9676466873	A. Vishnu 9133123305	M. Sreekanth Reddy 8328510937

Exciting Prizes   **SPOT REGISTRATIONS AVAILABLE**   **Exciting Prizes**

AVALANCHE-2K20
Department of ECE, KSRMCE

Registration Form (Symposium)

1. Name of Participant :

2. College Name :

3. Event Name :

4. Title of the Paper :

5. Year & Branch :

6. Address :

7. Mobile No. :

8. Email ID :

9. Accomadation :

Place:

Date: Signature of the Candidate

Bonafide Certificate

Mr./ M s …… …… …… … …… … …… …… … …… …

…………………. is a Student of our Institute. If selected

the applicant will be permitted to participate in the above programme.

Date: Signature & Seal of the
Place: Principal/ HOD

(Xerox copies of registration form can be used if necessary)

Registration forms are available at
www.ksrmce.ac.in

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Sri. S. Sankar Reddy, Chairman
Sri. K. Sivananda Reddy, Correspondent
Sri. K. Madan Mohan Reddy, Vice Chairman
Sri. K. Chandra Obul Reddy, Management
member,M.D of K.O.R. Ginning and Oil mills Pvt.Ltd.

Patron:
Prof A. Mohan, Director

Chairman:
Prof. V. S. S. Murthy, Principal

Convener:
Dr. G. Hemalatha, Professor & HOD

Staff Co-Ordinators:
Sri M.RamaMurthy Naik, Asst. Prof. ECE Miss.
S. Jabeen, Asst. Prof. ECE

Organizing Committee:
Dr. M. Venkata Narayana, Professor & Dean of CRI
Sri. R.V. Sreehari, Asso. Prof. ECE
Dr. D. Arun Kumar Asso. Prof. ECE
Dr. S. L. Prathapa Reddy, Asso. Prof. ECE
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Miss.P. Lavanya, Asst. Prof. ECE
Sri. K. Jagan Mohan, Asst. Prof. ECE
Miss P.Swetha, Asst. Prof. ECE

Student Co-Ordinators:
1. P. Mahesh   8919010897
2. P.Sravani   9676466873
3. A.Vishnu   9133123305
4. M.Sreekanth   8328510937

AVALANCHE-2K20

Explosion of Ideas

**One Day National Technical Symposium
4th March, 2020**

Organized by
Department of ECE

**K.S.R.M. COLLEGE OF ENGINEERING
(AUTONOMOUS)**

Approved by AICTE, New Delhi

Affiliated to JNTUA, Anathapuramu

Accredited by NAAC, New Delhi

An ISO 9001:2008, Certified Institution

Kadapa- 516003, A.P.

Website: **www.ksrmce.ac.in**

About the Institute:

Kandula Srinivasa Reddy Memorial (K. S. R. M) College of Engineering was established in the year of 1980, in the memory of late Sri. Kandula Srinivasa Reddy, son of late Sri. Kandula Obul Reddy, former Member of Parliament. The institute is Autonomous and approved by AICTE, Accredited by NBA, NEW DELHI, ISO 9001:2008 Certified institution, Affiliated to Jawaharlal Nehru Technological University, Anantapuram.

The mission and purpose in establishing KSRM College of Engineering is to impart quality of education in Engineering and management technology at Under Graduation and Post Graduation levels aiming to achieve the status of the best Engineering college and thereby fulfill the dreams of the founder chairman and the aspirations of students community in the region to become world class professional and technocrats. The Institute offers B. Tech Courses in CE, EEE, ME, ECE & CSE. The institute also offers postgraduate courses namely M. Tech in power Systems, Geotechnical Engineering, Computer Science Engineering, CAD - CAM, DECS and MBA. The institute has spacious campus spread over 35 acres with accommodation of over 39000 sq.m. built - up area and surrounded by plenty of greenery.

About the Department:

The department of Electronics and Communication Engineering was established in the year 1980. The department offers a four year B.Tech degree in ECE with intake of 180 and two year course of M.Tech degree in DECS with an intake of 18. The department has also recognized as Research Centre to offer Ph.D in ECE from the academic year 2016-2017. The department has well qualified and competent faculty members. The department has well equipped laboratories.

Way to College:

K.S.R.M.CE is situated 8KM from KADAPA City on the Kadapa - Pulivendula Highway.

About AVALANCHE-2K20:

To provide a platform for students to develop technical knowledge by sharing their views in various fields and to improve their presentation skills.

Events Planned:

* Paper Presentation

* Paradigm(Poster Presentation)

* Ignite Talks

* Chakravyuh (Tech Treasure Hunt)

* Technovert

Topics for Paper and Poster Presentation:

◆ AI & Machine Learning

◆ VLSI & Embedded Systems

◆ Image and Signal Processing

◆ Internet of Things

◆ Advanced Wireless Communication.

◆ Nano Technology & 5G Technologys

◆ Global Issues

Registration:

The candidates can register by scanning the below QR code and also **SPOT REGISTRATIONS** are available

GENERAL INFORMATION:

◆ Registration fee of Rs.200/- per event.

◆ The paper should be sent in IEEE format.

◆ LCD projector is available for presentation of paper.

◆ The paper can have a maximum of 2 authors.

◆ Experts will review the papers and selected papers are intimated through e-mail.

◆ Duration for paper presentation is 10 minutes only

◆ Lunch, Tea & Snacks will be provided on the day of symposium.

◆ Soft copy to be sent to the coordinator through e-mail and hard copy need to be submitted on the day of event.

◆ Participants should bring their presentation in CD / pen drive.

◆ Registration forms can also be downloaded from the Institute website **www.ksrmce.ac.in**

Important Dates:

Last date for submission of full paper by E-mail: 29th FEB, 2020.

Date of intimation regarding selection through E-mail: 1st March, 2020.

Date of Symposium: 4th March, 2020.

Address for Correspondence:
AVALANCHE – 2K20
Coordinator, Department of ECE
K.S.R.M. College of Engineering
Kadapa – 516003
Mail Id: **avalanche2k20@gmail.com**
Website: **ksrmce.ac.in**
Mobile No: 8328058318, 9398191441

EVENTS

Scan QR code in the poster for Registration

1. Paper presentation (Team @ Two participants)

Topics include:

- AI & Machine Learning
- VLSI & Embedded Systems
- Image and Signal Processing
- Internet Of Things
- Advanced Wireless Communication
- Nano Technology & 5G Technology

Submission Guidelines:

Submissions must include title, author's details, abstract, keywords and full paper should not exceed 6 pages including all tables and figures in the IEEE format.

Selected participants should bring 2 hard copies of their paper & softcopy of presentation in .ppt format.

Eight minutes for presentation and two minutes for queries.

Important Dates:

The paper in .pdf or .doc format should be mailed to avalanche2k20@gmail.com on or before **29ᵗʰ FEB, 2020.**

Intimation of Paper Selected: **1ˢᵗ MARCH, 2020.**

Symposium on: **4ᵗʰ MARCH, 2020.**

2. PARADIGM (Poster Presentation) (Team @ Two participants)

Topics include:
- AI & Machine Learning
- VLSI & Embedded Systems
- Image and Signal Processing
- Advanced Wireless Communication
- Nano Technology & 5G Technology
- Global Issues

Rules:
- Time provided for each team is **10 minutes**
- The participants must mail their ABSTRACT + SOFT COPY of their poster to the given mail ids.
- The Abstract must be in Times New Roman font with not more than 150 words.
- The team must clearly mention the following details in their abstract:
  - ➢ Name of the participants (with a team name)
  - ➢ Year and Department
  - ➢ College name with full address
  - ➢ Contact details (Mail id & phone number) Title of the Poster

Important Dates:
The paper in .pdf or .doc format should be mailed to avalanche2k20@gmail.com on or before **29ᵗʰ FEB, 2020.**

Intimation of Paper Selected: **1ˢᵗ MARCH, 2020.**
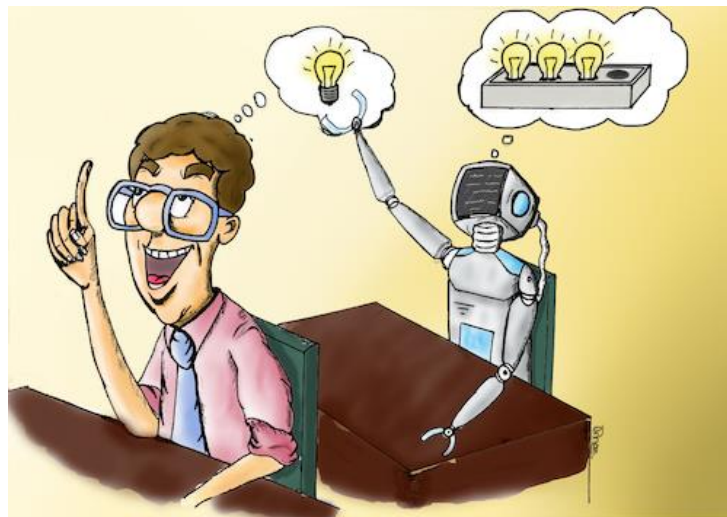Symposium on: **4ᵗʰ MARCH, 2020.**

3. TECHNOVERT(Team @ **Three** participants)

DESCRIPTION:

       Technovert is a person who is enthusiastic in solving technical problems and making the world a better place to live**.** In this event, the technoverts (participants) who are registered are supposed to face the questions which are categorized into easy **,**medium and difficult levels **.**There will be 50 questions in total which are hidden behind in their respective number blocks**.** Every individual participant is displayed with **50** number blocks **,**he/she has to choose a number after which the question behind it will be revealed **,** if he/she is able to answer the question **,**then his/her score board goes on adding up with the points allotted to the respective questions .The points for a question is based on the difficulty level of the question (there may be zero points as well with a **"***better luck next time***"** quote).Just to add fun and excitement to the participants….some of the questions will be revealed only after the participant performs a given task (optional).

       In this manner **,**each team plays the game until he/she is no longer able to answer a question and finally total score of the team is calculated after 4 to 5 rounds. Of all the participants **,** the team who has the highest score will be the winner of the event . **WINNER** will be awarded with an exciting prize.

4. CHAKRAVYUH (TECHTREASURE HUNT) (Team @ Four participants)

DESCRIPTION:

The main task of this game is to design a circuit. Each team has to design different circuits. For that you have to choose a card from a box. In that card, name of the circuit and clue is there, according to that you have to get the all components followed by remaining clues. In the last clue circuit diagram is provided. After that, the team has to come along with their components to the specified place and design the circuit. The team which completes the task within a short period of time will be declared as winner.

RULES:

- Each team has 4 participants.
- Registration Fee: Rs.200/- per Team
- Usage of mobile is prohibited during participation.

5. IGNITE TALKS (present your ideas for our future)

Ignite talks is a grassroots initiative, created in the spirit of TED's overall mission to research and discover "ideas worth spreading." You have to present your talks based on science, technology, engineering and global issues. you have to talk about your idea up to 10 minutes.

Note: Ppts and posters are not allowed during participation.