

K S R M COLLEGE OF ENGINEERING

(An Autonomous Institution, Affiliated to JNTUA, Anantapuramu)



NEWS LETTER

Volume: 11 Issue - 3

October 2020

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1. *Kandula Sreenivasa Reddy Death
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Lecture Series

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Sardar Vallabhbhai Patel

6. *Global Handwashing Day*

7. *Faculty Achievements*



Lighted to lighten

SUDDEN DEMISE OF OUR BELOVED CORRESPONDENT

శ్రద్ధాంజలి

శ్రీ.శ్రీ. కందుల శివానందరెడ్డి

మాజీ శాసనసభ్యులు,
మాజీ శాసనమండలి సభ్యులు,
మాజీ జిల్లా అధ్యక్షులు,
కాంగ్రెస్ మరియు తెలుగుదేశం
కరస్పాండెంట్

కందుల గ్రూప్ ఆఫ్ ఇన్స్టిట్యూషన్స్ - కడప.

మంచితనం, మానవత్వంతో అందరినీ ఆప్యాయంగా పలుకరిస్తూ
అందరి హృదయాలలో చిరస్థాయిగా నిలిచిన కార్యదీక్షాపరులు, స్నేహశీలి
శ్రీ **కందుల శివానందరెడ్డి** గారు
04.11.2020వ తేదీ బుధవారం స్వర్గస్తులైనారు.
దైవసన్నిధిలో వీరి ఆత్మకు శాంతి కలగాలని కోరుకుంటూ..
వారి కుటుంబ సభ్యులకు మా ప్రగాఢ సానుభూతిని తెలియజేస్తూ....

K.S.R.M. కాలేజ్ ఆఫ్ ఇంజనీరింగ్ - కడప (అటానమస్)

K.O.R.M కాలేజ్ ఆఫ్ ఇంజనీరింగ్ - కడప

K.L.M కాలేజ్ ఆఫ్ ఇంజనీరింగ్ ఫర్ ఉమెన్- కడప

K.S.R.M. కాలేజ్ ఆఫ్ మేనేజ్మెంట్ స్టడీస్- కడప

మేనేజ్మెంట్, స్టాఫ్, అండ్ స్టూడెంట్స్

Former M.L.C & former M.L.A , renowned Industrialist and owner of Kandula Group of Institutions Sri. K. Sivananda Reddy suddenly left us all and reached eternity at his residence on 4th November 2020.

A great soul serves everyone all the time. A great soul never dies. He is a great loss to all the people who know him. May his soul rest in peace.

"SAMSMARANA SABHA"



KSRMCE conducted a “Samsmarana sabha” after the sudden demise of Late Kandula Sivananda Reddy, owner of Kundual Group of Educational Institutions on 6th November 2020 in the Kandula Obula Reddy auditorium. Members of the ‘Kandula’ family Sri. K. Rajamohan Reddy, Sri. K. Madan Mohan Reddy, Sri. K. Chandra Obula Reddyetc were present. Other dignitaries, friends, well

wishers of the kandula family attended the programme in large number. Prof. A. Mohan, Director of Kandula Group of Educational Institutions; Dr. V.S.S Murthy, Dr. S. Khaja Saheb, Dr. G. Sreedhar, Dr. G. Krishna Mohan, Principals of Kandula educational institutions; teaching and non-teaching staff of all colleges of ‘Kandula’ were also attended the programme.



Kandula Sreenivasa Reddy Death Anniversary Observance



The 41st death anniversary of Kandula Sreenivasa Reddy was observed in KSRMCE with fervour on 18th October, 2020 (Sunday). Paying floral tributes to Sreenivasa Reddy statue in front of the main block, vice chairman Sri. K. Madan Mohan Reddy and chairperson Smt. K. Rajeswaramma and their family members recalled the memories and efficient qualities of Sreenivasa Reddy. College Director Prof. A. Mohan; Principals: Dr. V.S.S. Murthy, Dr. G. Sreedhar, Dr. S. Khaja Peer, faculty and staff members of Kandula group of Institutions were also present.



Life brings tears, smiles, and memories. The tears dry, the smiles fade, but the memories last forever.

Center for Research and Innovation (CRI)



KSRM College of Engineering, Kadapa Centre for Research and Innovation (CRI)



& Institution Innovation Cell (IIC)

One week online Faculty development program (FDP) on “Introduction to Machine Learning” organized jointly by the Center for Research and Innovation (CRI) and Institution Innovation Council (IIC), KSRM College of Engineering, Kadapa from 24-09-2020 to 30-09-2020. The FDP was inaugurated on 24-09-2020 in the presence of Prof. V. S. S. Murthy, Principal, K.S.R.M College of Engineering, Prof. A. Mohan, Director, Kandula Group of Institutions, Prof. M. Venkatanarayana, Dean, Center for Research and Innovation, KSRM College of Engineering. Sri.M. Vijay Bhaskar, Senior Data Scientist, EdgeVerve, Bangalore, delivered a keynote address on

“Data Science and Machine Learning” on 24-9-2020. The lectures were delivered by the resource persons from Industry and Academia. Over 30 participants from various reputed Institutes participated in this FDP. The valedictory function of the FDP was organized on 30-09-2020. Principal, Director and Dean CRI of KSRM College of Engineering took part in the event. The content and videos recorded of this FDP can be accessed from the link :

https://drive.google.com/drive/folders/1oBG3Gz7zVo3woL1jg9gqxuQsQKVXV__C?usp=sharing

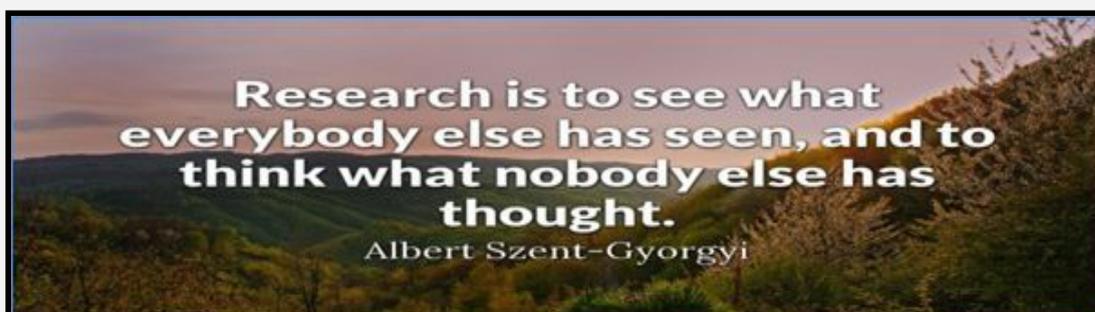


Table 1 : Detailed list of Lectures delivered by the Resource Persons.

Date	Topic	Resource Person
24-09-2020	Keynote Speech - Data Science & Machine Learning and It's applications in Industry.	Mr. M. Vijay Bhaskar, Senior Data Scientist , EdgeVerve, Bangalore .
25-09-2020	Supervised Learning - Linear regression with single and multiple variables, Logistic regression.	Prof. A. Mohan, Director, Kandula Group of Institutions.
26-09-2020	Basics of Python, Scikit library	Dr. D. Arun Kumar, CRI, KSRM College of Engineering.
28-09-2020	Supervised Learning: Neural Networks-representation, Learning and implementation in python	Dr. D. Arun Kumar, CRI, KSRM College of Engineering.
29-09-2020	Unsupervised Learning: K-means clustering, Principal Component Analysis	Prof. M. Venkatanarayana, Dean, CRI, KSRM College of Engineering.
30-09-2020	Anomaly detection	Prof. M. Venkatanarayana, Dean, CRI, KSRM College of Engineering.

KSRM COLLEGE OF ENGINEERING (AUTONOMOUS) – KADAPA – 516003
CENTRE FOR RESEARCH AND INNOVATION ORGANIZES
One Week Faculty development program on Introduction to Machine Learning

Date	Topic	Resource Person
24-09-2020	Keynote speech - Machine Learning and its applications in Industry	Mr.Vijay Mudivedu, Senior Data Scientist , Edge Verve, Bangalore
25-09-2020	Supervised Learning - Linear regression with single and multiple variables, Logistic regression.	Prof.A.Mohan,Director,Kandula Group of Institutions, Kadapa
26-09-2020	Basics of Python, Scikit library	Dr.D.Arun Kumar,CRI,KSRMCE
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29-09-2020	Unsupervised Learning: K-means clustering, Principal Component Analysis	Prof.M.Venkatanaraya,Dean,CRI, KSRMCE
30-09-2020	Anomaly detection	Prof.M.Venkatanaraya, Dean, CRI, KSRMCE

Register
<https://forms.gle/Rkp1f66bg4uqtkXb7>

10:00am - 1:00pm

Contact : +91 741190960, dasariak@ksrmce.ac.in

24th - 30th Sep 2020

Google Meet

Fig. 1. Poster of One week FDP on Introduction to Machine Learning.

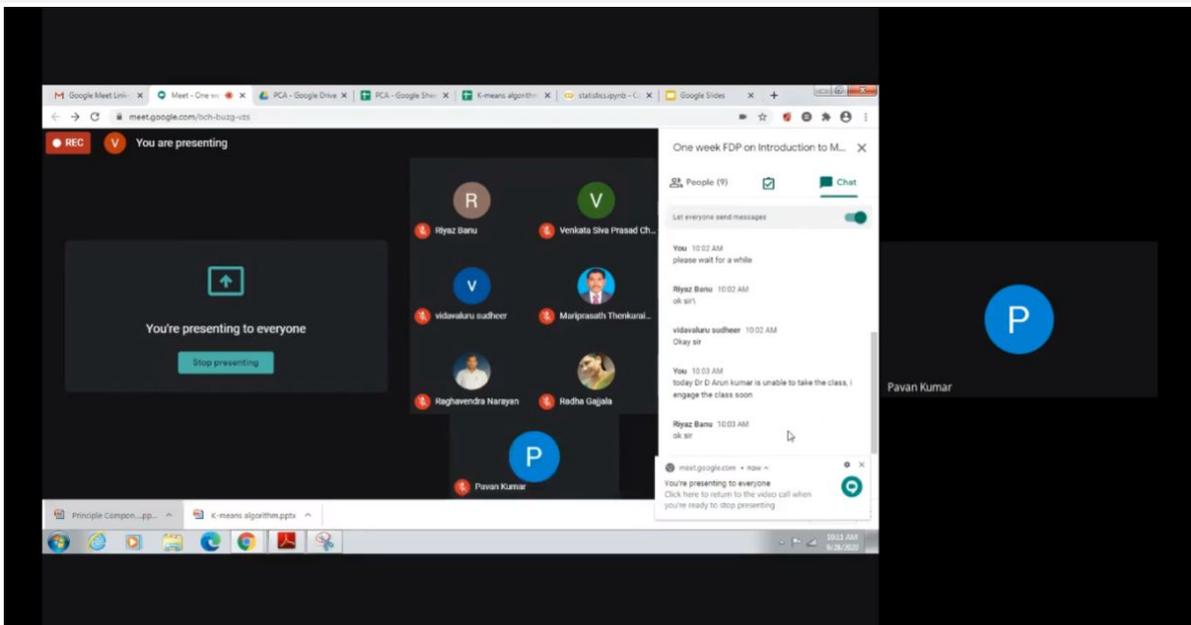


Fig. 2. Participants at the One week online FDP on Introduction to Machine Learning.

List of Participants

Sl.No	Name	Designation	College Name
1	Shaheen Fatima	Assistant Professor	Government College (Autonomous)Kalaburagi
2	Boddu Prudvi Raj	Asst Prof	Jagan's College Of Engineering And Technology
3	Shalini Krishna Dara	Assistant Professor	Jagan's College Of Engineering And Technology
4	Embeti Sangeetha	Assistant Professor	Jagan's College Of Engineering&Technology
5	Nagari Naveen Kumar	Lecturer	Jawaharlal Nehru Technological University Anantapur
6	Pamisetty Chandana	Mtech	Jntua College Of Engineering (Autonomous),Ananthapuramu
7	B. Rajarao	Research Scholars	Jntua, Ananthapuram
8	R V Sreehari	Associate Professor	K S R M College Of Engineering (A), Kadapa
9	Kadiri Suresh Kumar	Associate Professor	K.S.R.M. College Of Engineering
10	P.Durga Prasad	Assistant Professor	K.S.R.M.College Of Engineering-kadapa
11	B.Gouri	Assistant Professor	Ksrm College Of Engineering
12	Shaik Khaja Khizar	Assistant Professor	Ksrm College Of Engineering
13	Dr.G.Radha	Assistant Professor	Ksrm College Of Engineering
14	S.Riyazbanu	Assistant Professor	Ksrm College Of Engineering

15	K.Niveditha	Assistant Professor	Ksrm College Of Engineering,Kadapa
16	Dr.T.Mariprasath	Associate Professor	Ksrm College Of Engineering(Autonomous)
17	Syed Zahiruddin	Assistant Professor	Ksrm College Of Engineering
18	K.Pavan Kumar	Asst.Professor	Ksrm College Of Engineering
19	Machina Venkata Siva Prasad Chowdary	Ph.D Scholar	Mahindra University
20	Kunam Subba Reddy	Professor	R G M College Of Engineering & Technology
21	K R Harinath	Assistant Professor	Rajeev Gandhi Memorial College Of Engineering And Technology
22	Thummala Eswaraiah	Associate Professor	Rise Krishna Sai Prakasam
23	Murari Jagadish	Assistant Professor	Rise Krishna Sai Prakasam Group Of Institutions
24	Satish Kumar Garapati	Assoc.Prof	Rise Krishna Sai Prakasam Group Of Institutions
25	Jithendra Reddy D	Assistant Professor	Siddharth Institute Of Engineering And Technology ,Puttur.
26	Vidavaluru Sudheer	Associate Professor	Sree Venkateswara College Of Engineering
27	Erdiraju Dayakar	Associate Professor	Sree Venkateswara College Of Engineering,North Rajupalem,Nellore
28	Konda Hari Krishna	Assistant Professor	Sri Vasavi Engineering College
29	B. Suresh Babu	Assistant Professor	Srinivasa Ramanujan Institute Of Technology,Ananthapuramu
30	Shaik Wasim Akram	Assistant Professor	Vasireddy Venkatadri Institute Of Technology
31	Gowri Raghavendra Narayan Kurmala	Assistant Professor	Vasireddy Venkatadri Institute Of Technology
32	Mahammad Salma Sultana	Assistant Professor	Vasireddy Venkatadri Institute Of Technology



S. P. Balasubramaniam Memorial Lecture series conducted by the Center for Research and Innovation (CRI) and Institution Innovation Council (IIC), KSRM College of Engineering, Kadapa from 05-10-2020 to 10-10-2020, 4.10 p.m. to 4.50 p.m. The lecture series event was inaugurated on 05-10-2020 in the gracious presence of Prof. V. S. S. Murthy, Principal, KSRM College of Engineering, Prof. A. Mohan, Director, Kandula Group of Institutions, Prof. M. Venkatanarayana, Dean, Center for Research and Innovation, KSRM College of Engineering. The lectures in the event were delivered by the

resource persons of CRI The delivered lectures were covered on data analysis using various technologies. Nearly, 120 Students apart from the Faculty of KSRM College of Engineering attended the event. The valedictory function of the FDP was organized on 10-10-2020. Director and Dean, CRI of KSRM College of Engineering took part in the event. The content and videos recorded of this FDP can be accessed from the link :

https://drive.google.com/drive/folders/1ZMVB1rh4_ZDLaUI7hNx33inTnNnDPRCW?usp=sharing

Table 1 : Detailed list of Lectures delivered by the Resource Persons.

Date	Topic	Speaker
5-10-2020	Data Visualization	Prof. A. Mohan, Director, Kandula Group of Institutions, Kadapa.
6-10-2020	A review on time series analysis	Prof. M. Venkatanarayana, Dean, Center for Research and Innovation, KSRM college of Engineering.
7-10-2020	Automating designs with OPEN STAAD	Prof. A. Mohan, Director, Director, Kandula Group of Institutions, Kadapa.
8-10-2020	Machine Learning algorithm implementation in MATLAB	Dr. T. Mariprasath, Associate Professor, CRI, KSRM College of Engineering.
9-10-2020	Google Earth Engine	Dr. D. Arun Kumar, Associate Professor, CRI, KSRM College of Engineering.
10-10-2020	Introduction to Kalman filter	Prof. M. Venkatanarayana, Dean, CRI, KSRM College of Engineering.

Four Day workshop on ETAP Software

IEEE KSRMCE Student Branch
Department of Electrical & Electronics Engineering
presents
A Four Day Hands-on Workshop on "ETAP Software"

Sri K Balaji
Engineer - Technical Support
ETAP Automation Pvt. Ltd.
Tamilnadu

Faculty Coordinators
Dr. K Amaresh - Branch Counsellor
Sri K Rama Mohan Reddy - Associate Professor
Ms. A Jyothimayi - Assistant Professor

Student Coordinators
P Sumanth - Chair
M Sai Surya - Vice Chair

20th - 23rd October 2020 10:30 AM to 01:30 PM

The Department E.E.E. organized a Four Day Workshop on **ETAP – Software** from 20.10.2020 to 23.10.2020 under the banner of IEEE student Branch. Mr. K. Balaji, ETAP – Technical Support, ETAP Automation Pvt. Ltd., Chennai attended this workshop as the resource person.



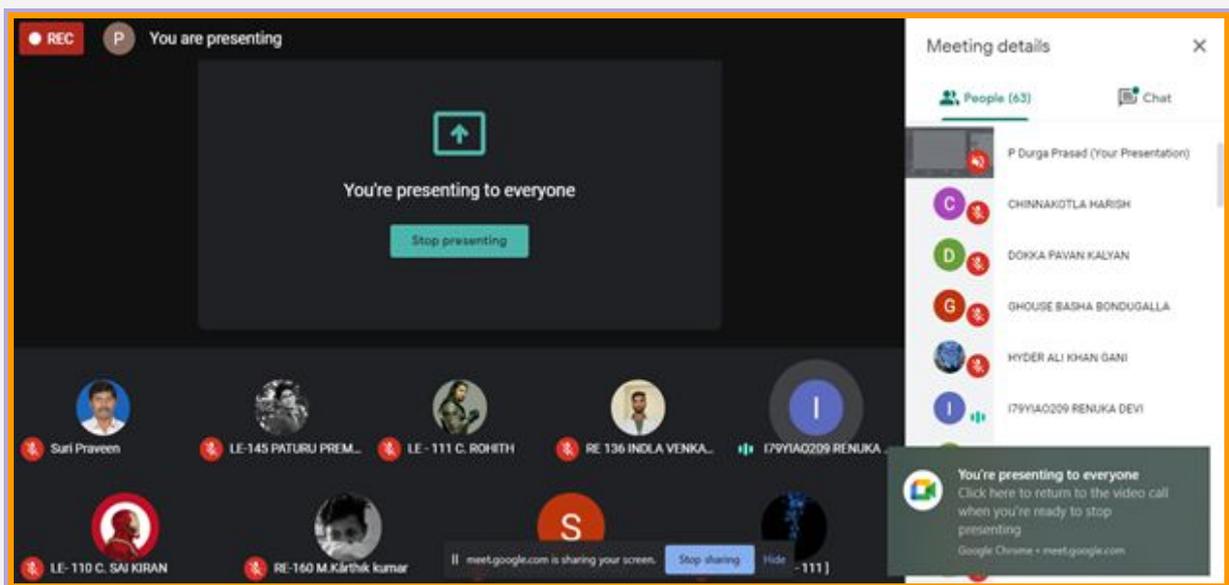


Birth anniversary of Sri Sardar Vallabhbhai Patel (National Unity Day)

The NSS coordinator of K.S.R.M.C.E, Sri. P. Durga Prasad, organized an online interaction with the staff and the students on the occasion of the Birth anniversary of Sri Sardar Vallabhbhai Patel, the Iron Man of India on 31.10.2020. The day is observed as the National Unity Day. The online meet started at 12.00 noon. With warm

greetings, the event coordinator welcomed the Staff and the students on this auspicious day. A student from final year EEE Miss.G. Renuka Devi read the brief biography of the legendary personality Sri Sardar Vallabhbhai Patel. College Dr. V.S.S. Murthy, in his words, reveals that “every Indian has to dedicate oneself

towards maintaining the unity, integrity and security of the nation”. One of the students, Miss. S. Madhurima, from final year EEE, has sung a patriotic song that touches the hearts of the participants on this occasion. At the end of the programme, all contenders have taken the Pledge on unity.



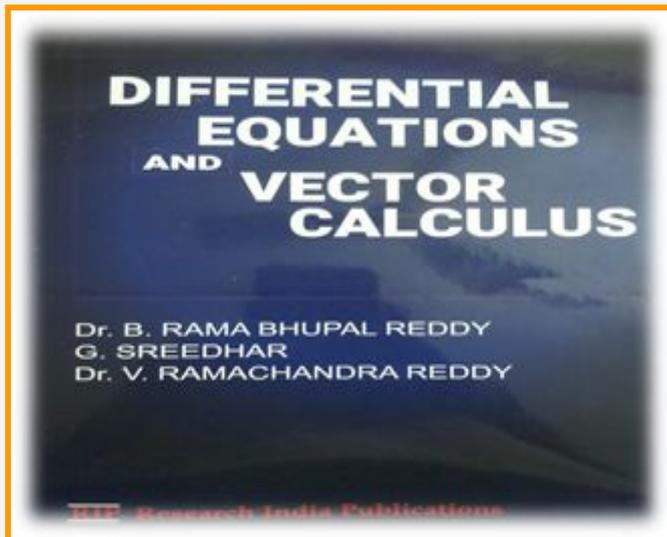
Live interaction with the students by N.S.S. Programme Officer

APPOINTMENT OF DEANS

The management, Director Prof. A. Mohan and the Principal Dr. V.S.S Murthy have appointed a few faculty members as the Deans for a period of two years. The names of the appointed Deans : Sri. A. Sravan Kumar, Professor in Mechanical Engineering Department for Academics; Dr. V. Giridhar, Professor in Civil Engineering Department for Industry-Institute Interface; Dr. T. Kiran Kumar, Professor in Civil Engineering Department for Alumni Relations; Dr. M. Venkata Naryana, Professor in Electronics

and Communication Engineering for CRI; Dr. B. V. Ramana Reddy, Professor in Computer Science and Engineering for Quality Assurance; Dr. V. Lokeswar Reddy, Professor in Computer Science and Engineering for Training and Placement; Sri. M.Bhaskar Reddy, Associate Professor, E.E.E Department for Student Affair; Sri. K. Rama Mohan Reddy, Associate Professor, E.E.E Department for Admissions and Smt. C.N. Arpitha, Associate Professor, E.E.E Department for Faculty Affairs.

Book Publication



Dr. B. Rama Bhupal Reddy, Professor; Sri. G. Sreedhar, and Dr. V. Rama Chandra Reddy, Asst. Professors; have written and published a book entitled *Differential Equations And Vector Calculus* for Mathematics students, faculty members, research scholars and others. The management, Director, Principal and staff appreciated the authors and their effort on this occasion.

"Some books are to be tasted, others to be swallowed, and some few to be chewed and digested." - Francis Bacon



GLOBAL HANDWASHING DAY

OCTOBER 15

HAND HYGIENE FOR ALL

October 15 is Global Handwashing Day, a global advocacy day dedicated to increasing awareness and understanding about the importance of handwashing with soap as an effective and affordable way to prevent diseases and save lives. The 2020 Global Handwashing Day theme is “Hand Hygiene for All.” This year's theme follows the recent global initiative calling on all of society to scale up hand hygiene, especially through handwashing with soap.

GLOBAL HANDWASHING DAY IS AN OPPORTUNITY TO DESIGN, TEST, AND REPLICATE CREATIVE WAYS TO ENCOURAGE PEOPLE TO WASH THEIR HANDS WITH SOAP AT CRITICAL TIMES. The COVID-19

pandemic provides a stark reminder that one of the most effective ways to stop the spread of a virus is also one of the simplest: hand hygiene, especially through handwashing with soap. To beat the virus today and ensure better health outcomes beyond the pandemic, handwashing with soap must be a priority now and in the future. This year's theme, Hand Hygiene for All, calls for all of society to achieve universal hand hygiene. No matter your role, you can celebrate Global Handwashing Day!

CLEAN HANDS DRIVE EVERYTHING AND EVERYONE. CLEAN HANDS KEEP GERMS FROM SPREADING.

Significance of National Unity Day

In 2014 the Home Ministry of India, in the official statement stated that National Unity Day "will provide an opportunity to reaffirm the inherent strength and resilience of our nation to withstand the actual and potential threats to the unity, integrity and security of our country."

Every year, on this day, people remember the great works of Sardar Patel and celebrate National Unity Day by organising different events, webinars and seminars. But, this year, due to the ongoing pandemic the observation may not be the same. Sardar Vallabhbhai Patel merged 565 princely states and made India a nation.

Today on the birth anniversary of Sardar Vallabhbhai Patel, here are some of his most famous quotes that reflect his nationalism.

RASHTRIYA EKTA DIWAS 2020: QUOTES FROM SARDAR VALLABHBHAI PATEL 'IRON MAN OF INDIA'

"Work is undoubtedly worship but laughter is life. Anyone who takes life too seriously must prepare himself for a miserable existence. Anyone who greets joys and sorrows with equal facility can really get the best of life." -Sardar Vallabhbhai Patel

"Take to the path of dharma - the path of truth and justice. Don't misuse your valour. Remain united. March forward in all humility, but fully awake to the situation you face, demanding your rights and firmness." -Sardar Vallabhbhai Patel

"Every Indian should now forget that he is a Rajput, a Sikh or a Jat. He must remember that he is an Indian and he has every right in his country but with certain duties." -Sardar Vallabhbhai Patel

"Little pools of water tend to become stagnant and useless, but if they are joined together to form a big lake the atmosphere is cooled and there is universal benefit." -Sardar Vallabhbhai Patel

"My only desire is that India should be a good producer and no one should be hungry, shedding tears for food in the country." -Sardar Vallabhbhai Patel

"There is something unique in this soil, which despite many obstacles has always remained the abode of great souls." -Sardar Vallabhbhai Patel

Sardar Vallabhbhai Patel's belief in the principle of Unity in Diversity and standing united for the common cause of India's Independence made him the Iron Man of India. Due to his leadership qualities and ability to connect to masses, he has been given the title of Sardar Patel, meaning leader Patel. (Source from English magazine).

Is India heading towards a second wave of Coronavirus? Here's all you need to know

Possible second wave of Coronavirus in India

The impact of coronavirus has continued to disrupt the lives of people on a global scale. While the attempt to contain the spread of the deadly virus continues, there's yet another possibility of a second wave that looms over the world.

According to the head of National Expert Group on Vaccine Administration for COVID-19 (NEGVAC), VK Paul, the number of Covid-19 cases and related deaths in India has surely declined in the last three weeks, however, he does not rule out the possibility of a second wave of infections in the winter season.

In an interview with PTI, he said, "In India, the new coronavirus cases and number of deaths have declined in the last three weeks and the pandemic has stabilised in most of the states."

"However, there are five states (Kerala, Karnataka, Rajasthan, Chhattisgarh and West Bengal) and 3-4 Union Territories (UTs), where there is still a rising trend," Mr Paul adds.

On being questioned about the storage and distribution of vaccine once it is available, Dr. Paul, who is also leading the team of expert panel working towards tackling the pandemic in the country, answered by saying, "Once the vaccine is available, there will be enough resources for delivering vaccines and making it accessible to the citizens and there will be no concern about resources under those circumstances".

However, while the attempt to develop a clinically approved vaccine is still underway, it is first important to understand the risks of a second coronavirus wave and how it's affecting countries globally.

02/5 What does a Second Wave of Coronavirus mean?

With a decline in the number of infected cases, many countries across the world lifted their lockdown restrictions and began to unlock the process. However, the recent resurgence of COVID-19 cases in Europe has yet again forced nations to retrace their steps back to imposing lockdown measures to control the spread of viruses.

Therefore, the second wave of a virus usually refers to a revival of a preceding viral infection that seems to have decreased for a certain period of time, but goes on rise, resulting in a second wave of infections.

While we have only experienced the implications of the virus in the summers, there's no telling as to what the winter season has in store for us.

03/5 Second wave of Covid-19 in European states

The first wave of coronavirus infections on a global level started in the month of March, with Italy as the earliest hot spot along with Spain, the United Kingdom and Germany, which forced nations to take strict lockdown measures.

Today, with the United States of America leading the charts, India is the second highest affected country with a tally of 7.5 million infected people.

While many European nations, as opposed to the other countries, were quick to take action against the deadly virus, the sudden re-emergence of the infection and the rise in the number of infected people has alarmed the European authorities.

Considering the rapid increase in infected cases, France has declared a state of emergency and has imposed night-time curfew in Paris and eight other regions.

Similarly, Germany has put a ban on social gatherings at concerts, public festivals etc. till the year end. Further, new and renewed isolation rules have also been announced. Travellers from high-risk countries will undergo a 14-day quarantine. In case, a person is seen without a mask, a fine of 50 euros will be levied.

In Spain, partial lockdown has been imposed in Madrid, so as to avoid serious effects of the second coronavirus wave.

04/5 Is the second wave going to be worse than the first?

Reportedly, the second wave is worse than the first as levels of infections are now higher than in March and April across many countries.

The report further claims that while France's daily new cases peaked at 7,500 on 31 March, its new peak was recorded on 10th October with 26,675 new cases in the previous 24 hours.

Spain, according to The Associated Press, has confirmed more than 71,000 cases and over 1,800 deaths from coronavirus, and new cases are being reported at more than 1,000 per day recently — hitting a record 3,105 on Friday.

In India, over 90,000 cases of coronavirus have been reported every day. The increase in the number of cases and related deaths have been consistently well above the 1,000 mark for 15 days in a row.

Delhi has also seen a consistent number of reported cases and although it experienced moments of relaxation in the number of infected people, there has been no significant decline in the hospitalization rates.

The increase in the number of coronavirus cases in Europe has now become a serious concern for India. Niti Aayog Member VK Paul stressed on COVID-19-appropriate behaviour during festival season and winter months. He also cautioned against any complacency about the decline in the number of new cases and called for keeping up the efforts to contain the pandemic.

05/5 India and the possibility of a Second Wave

In June, Chief Scientist of the World Health Organization Soumya Swaminathan had claimed that a second wave of infection could be a very real risk as the virus is still present in the community. “We don’t know if it will be a second wave, a second peak or a continuing first wave in some countries,” she had said.

Although there has been a considerable decline in the number of coronavirus cases in India in the past few weeks, VK Paul, the head of National Expert Group on Vaccine Administration for COVID-19, also highlighted the possibility of a second wave of infections in the winter season.

According to him, India is in a somewhat better position now but the country still has a long way to go because 90 per cent of the people are still susceptible to coronavirus infections.

With festival seasons coming our way, he says, "Because of the winter season, some increase in pollution in north India as well as festival season, we have to be very careful... the coming months are a challenge. One would be worried that we could lose the gains that we have made”.

In addition to that, Dr Randeep Guleria, member of India's National Task Force on Covid-19, director of Delhi's AIIMS and a leading pulmonologist, in an interview, said, “In some areas, there is Covid-19 behaviour fatigue. People are now tired of taking safety measures and in Delhi, they can be seen without masks and gathering in crowds.”

While the lockdown began in March and still continues in the form of social distancing, there surely exists an air of tiredness and unrest.

However, comparing the scenarios of US and Europe to India, Professor Balram Bhargava, Director General of the Indian Council of Medical Research (ICMR), has reportedly claimed and said, "US and countries of Europe had a peak, then they came down and there is a second wave occurring there. We took learning from that.

We distributed the curve in a way that we didn't have many deaths. It was because we had an effective lockdown. We didn't have a huge peak at all,” dodging the claims of the second wave of infections.

While speculations continue to alert us against the possible second wave of infection, one must stay alert and resort to necessary safety precautions.

Source from Times Magazine

Best precautions to avoid COVID-19 second wave

Be cautious about weather changing infection

Follow SMS (Sanitisation, Masks and Social-distancing)

MoU WITH PSM

MoU is by and between **Professional solution Minds(PSM)** , which understands the issues in school education and undertakes training initiative in schools to teach, develop and mentor students to innovate ahead of their time, located at Plot no 641 Silpa Singapore Township, DinneDevarapadu, Kurnool-518002, A.P, India and **K.S.R.M College of Engineering(Autonomous)**, Kadapa.

This MoU covers the following:

- a) Proposal minds will provide project work/Internships for at least 4 students of KSRMCE in a year.
- b) Proposal minds will provide assistance and collaboration for execution of research projects.
- c) Proposal minds will provide projects to KSRMCE on need basis, subject to KSRMCE commitment to quality and schedules agreed upon.
- d) Detailed project plans including mode of execution, schedules, quality aspects and remuneration/project cost will be discussed and finalized on a case to case basis.



FACULTY ACHIEVEMENTS



1. Miss. V Sai Neeraja, Asst. Professor, has completed the requirements of **CSIR-Summer Research Training Programme (CSIR-SRTP) 2020** online during June to August 2020 coordinated by CSIR-NEIST, JORHAT.
2. Dr. V. Ramesh Babu; Smt. N. Niveditha; Asst. Professors and Mr. K. Peeraiah, a Postgraduate student; have published a paper entitled ***Influence of Woven Filament Geotextile Additive in Modification of Clay Soils*** in the International Journal of Science and Technology, Volume 29, No. 7 pages 5577-5587, 2020.
3. PALADI RAJENDRA KUMAR, Asst. Professor, has completed an online non-credit course Mechanics of Materials III: Beam Bending authorized by Georgia Institute of Technology and offered through Coursera.
4. Miss. V Sai Neeraja, Asst. Professor, has successfully attended the International Workshop on ***Developments in Structural Dynamics & Soil-Structure Interaction (DSD & SSI-2020)*** under TEQIP-III and in association with IIC, NIT Silchar, organized by the Department of Civil Engineering of NIT Silchar during September 11 – 15, 2020.
5. Sri. P. RAJENDRA KUMAR, Asst. Professor, has completed an online non-credit course Mechanics of Materials II: Thin-Walled Pressure Vessels and Torsion authorized by Georgia Institute of Technology and offered through Coursera.
6. Miss. V Sai Neeraja, Asst. Professor, has participated in the TEQIP III Sponsored One week Short Term Course on ***“Intellectual Property Rights”*** organized by Department of Chemistry, Dr. B. R. Ambedkar National Institute of Technology Jalandhar from 07/09/2020 to 11/09/2020.
7. Sri. G. Venkateswarlu, Asst. Professor, has participated in a five day online Faculty Development Programme on ***“SUSTAINABLE ENVIRONMENTAL GEOTECHNICS”*** conducted from Oct 5, 2020 to Oct 9, 2020 by Department of Civil Engineering, S.R.K.R. Engineering College, Bhimavaram, Andhra Pradesh.

8. Miss. V Sai Neeraja, Asst. Professor, has completed the TEQIP-III Sponsored online short term course on “Material Characterization Techniques” held from August 24-28, 2020 and organized by the Institute Instrumentation Center, Dr B R Ambedkar National Institute of Technology, Jalandhar.
9. Sri. P. RAJENDRA KUMAR, Asst. Professor, has participated in the Webinar on “Geotechnical Applications” hosted by Indian Geotechnical Society, Bhubaneswar Chapter on the topic “Recent Advances in Geotechnical Engineering: Theory to Practices” delivered by Dr. Kaustav Chatterjee of IIT, Roorkee on Dt. 23.8.2020 at 17:00 to 18:30.
10. Sri. G. Venkateswarlu, Asst. Professor, has participated in oneday Webinar on “**ASSESSMENT & ACCREDITATION PROCESS OF NAAC**” jointly organized by IQAC, AWADHESH PRATAP SINGH UNIVERSITY REWA, MADHYA PRADESH, INDIA & NAAC BENGALURU on October 9, 2020.
11. Sri. P. RAJENDRA KUMAR, Asst. Professor, has actively participated in AICTE sponsored online national conference on “**EMERGING PRACTICES AND INNOVATIONS IN CIVIL ENGINEERING**” (**EPIC 2020**) conducted from Oct 26, 2020 to Oct 27, 2020 by the Department of Civil Engineering, S.R.K.R. Engineering College, Bhimavaram, Andhra Pradesh

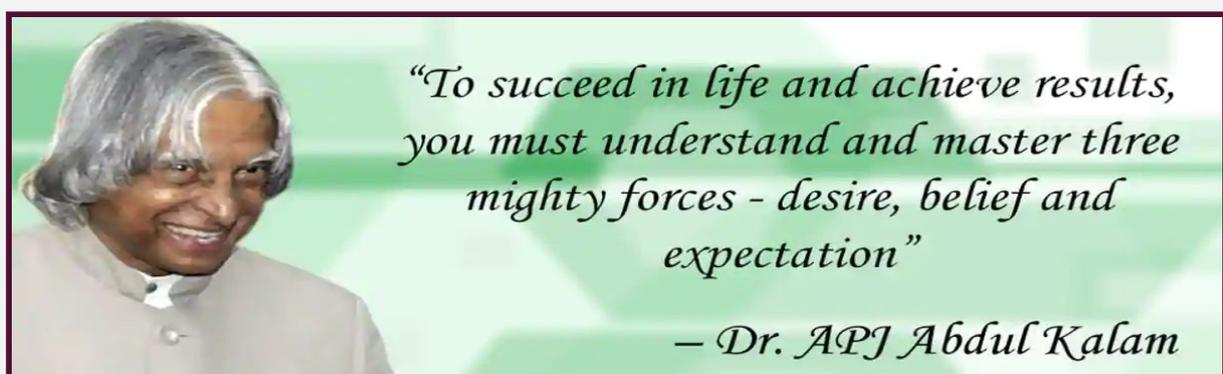


1. Sri. N. Radha Krishna , Asst. Professor, has successfully completed 20 Days ofHeld from 7th Sep 2020 to 5th Oct 2020 Faculty/Student Development Program on R Programming organized by Andhra Pradesh State Skill Development Corporation, Government of Andhra Pradesh.
2. Miss. S. Jabeen, Asst. Professor, has actively participated in the six days Faculty Development Program on “Recent Trends in Antennas” from 07.09.2020 to 12.09.2020 organized by IEEE Antennas & Propagation society (Madras Section) in association with Sathyabama Institute of Science and Technology, Chennai
3. Sri. N. Radha Krishna , Asst. Professor, has participated in AICTE Sponsored online one week Short Term Training Programme (STTP) on Applications of Signal, Image and Video Processing in VLSI Using XILINX System Generator (Phase-1) Organized by the department of Electronics & Communication Engineering, Narayana Engineering College, Nellore during 14-09- 2020 to 19-09-2020.

4. Sri. N. Radha Krishna , Asst. Professor, has been appreciated for his constant support for IGEN ENVIRONMENTHON 2020 – A 16 hours non-stop conference of 20 Environmental Experts from 20 countries on 8 AUG 2020. Your presence for continuous 17 Hours till 11.59 PM has made this World Record Attempt a Mega Success!! Organized by IGEN and VARUN ADITYA FOUNDATION.
5. Sri. N. Radha Krishna , Asst. Professor, has successfully completed “ONE WEEK STTP ON EMERGING TRENDS IN WIRELESS SENSOR NETWORKS & APPLICATIONS” organized by Malla Reddy Engineering College for Women during 14th to 19th September, 2020.
6. Sri.N. Radha Krishna, Asst. Professor, has participated in “5 Hacks ForPPT”organized by IEEE Panimalar Institute of Technology , Chennai on 29th Sep 2020.
7. Sri.N. Radha Krishna, Asst. Professor, has participated in TECHNOBURST (IOT Webinar Series) on the topic LORAWAN organized by IEEE Panimalar Institute of Technology , Chennai on 22nd Sep 2020.
8. Sri. N. Radha Krishna , Asst. Professor, has actively participated in the webinar on Emergence of IOT EcoSystem organized by the Department of C.S.E. Krishna University, Machilipatnam in association with PANTech E Learning on 15th October, 2020.
9. Sri. Valli Basha, Assistant Professor, has published a journal entitled Contribution of enhanced DWT and non-negative structured sparse representation for image super resolution: a performance analysis in the International Journal of Wavelets, Multiresolution and Information Processing, 15 th September, 2020.



10. Dr. M. Venkata Naryana, Professor and Dean, C.R.I, has successfully completed the assessment for the skill Python (Basic), by Hacker Rank on 9th September, 2020.





1. Dr. D. Ravikanth and Dr. B. Sudarshan, faculty of M.E.D. have published a journal titled "***Optimization of turning operation on Mg alloy (AZ91) and Al alloy (64430) using Taguchi method***". during JAN-FEB 2020 in TEST, an Engineering and Management journal.
2. Dr. D. Ravikanth, Professor and HOD, Published a journal entitled ***A Novel Approach for Multi Objective Optimization of End Milling Using Grey-ANFIS Method*** during Mar-19 in the International journal on recent trends & innovations in mechanical engineering.
3. Dr. A. Saravanakumar, Professor, has Published a journal "***Prediction of Wear Characteristics of AA2219-Gr Matrix Composites Using GRNN and Taguchi-Based Approach***" in the Arabian Journal for Science and Engineering, 2020.
4. Sri. J.Suresh babu, Asst. Professor, has Published a Journal "***Investigation of Deep groove ball -bearing vibration behavior & how does it affect the bearing life***" in TEST Engineering and management journal, JAN-FEB 2020.
5. Dr. D. Ravikanth, Professor and HOD, has participated in a 6 day workshop on Mathematical Aspects of Fluid Dynamics, in the Sardar Vallabhai Patel Institute of Technology, VASAD, Gujarat. during 6-11 May 2020,
6. Dr .B.Sudarshan, Associate Professor, has participated in the online workshop on ***Advanced Manufacturing enterprises in the Digital Era*** from 1-5 june at AITAM Engineering College, Tekkali, Srikakulam Dist.
7. Sri. K.SURESH KUMAR, Associate Professor, has actively participated in the online workshop on ***Advanced Automation in Metal Industry*** from 6th july 2020 to 11th July,2020 organized by Maharaj Vijayaram Gajapathiraj College of Engineering, Vijayanagaram
8. Dr. D. Ravikanth, Professor and HOD, has participated in a 6 day Faculty Development Programme on ***Artificial Intelligence*** at Santhiram Engineering College, Nandyal from from 13th May,2020 to 18th May 2020
9. Sri. K.SURESH KUMAR, Associate Professor, has participated in the online workshop on ***Design Thinking to Digital Thinking*** on 8th August, 2020, organized by the CMR Institute of Technology, Hyderabad, Telangana.
10. Dr. A .Saravanakumar, Professor, has participated in the online workshop on ***Improving Your Research Visibility – Research Impact and Metrics*** from

11.05.2020 to 13.05.2020 organized by the Velalar College of Engineering and Technology, Thindal, Erode

11. Sri. K.SURESH KUMAR, Associate Professor, has participated in the online workshop on ***Design Thinking to Digital Thinking*** on 8th August, 2020, organized by the CMR Institute of Technology, Hyderabad, Telangana.
12. Sri. P.Srinivas, Assistant Professor, has participated in the online Faculty Development Programme on ***Turning NC Programme*** from 08-06-2020 to 13-16-2020 organized by Andhra Pradesh State Skill Development Corporation.
13. Sri. K.SURESH KUMAR, Associate Professor, has participated in the online Workshop on ***Advanced Automation in Metal Industry*** 20th July 2020 to 22nd July, 2020 organized by Raghu Engineering College, Vishakapatnam
14. Sri. U.PRADEEP KUMAR, Assistant Professor, has actively participated in a One week International Faculty Development Programme on ***Potential Research Areas in Mechanical Engineering*** from 15th June, 2020 to 20th June 2020, organized by Vigan institute of Technology & Science, Yadadri Bhuvanagiri, Telangana
15. Sri. K.SURESH KUMAR, Associate Professor, has participated in the online workshop on ***Drone View Of Hot Spots in Mechanical Engineering***, from 25th May 2020 to 29th May, 2020 organized by St. Peter's Institute of Higher Education and Research, Avadi Chennai
16. Sri. D.Merwin Rajesh, Assistant Professor, has participated in the online Faculty Development Programme on ***Mechanical components by AUTOCAD*** from 08-06-2020 to 13-16-2020 Andhra Pradesh State Skill Development Corporation.
17. Sri. P.Srinivas, Assistant Professor, has participated in the online Faculty Development Programme on ***AUTOCAD*** from 18th May 2020 to 30th May 2020 organized by Andhra Pradesh State Skill Development Corporation.
18. Sri. U.PRADEEP KUMAR, Assistant Professor, has participated in the one week Online Faculty Development Programme on ***Online Learning and Assessment*** from 1st June, 2020 to 5th June 2020 at Adithya Institute of Technology & Management, Tekkali, Srikakulam, A.P
19. Sri. P.siva seshu, Assistant Professor, has participated in the online workshop on ***Applications of Mathematics in Engineering*** from July 27th 2020 to 31st July, 2020 organized by K.P.R Institute of Engineering and Technology, Coimbatore, Tamilnadu.
20. Sri. D.Merwin Rajesh, Assistant Professor, has participated in the Faculty Development Programme through online on ***Product Design And Drafting*** organized by CATIA from 08-06-2020 to 13-16-2020 Andhra Pradesh State Skill Development Corporation.
21. Sri. P.siva seshu, Assistant Professor, has participated in the online workshop on ***Recent Trends in Fuels and Manufacturing Process*** from August 10th 2020 to 16th August, 2020 organized by Sri Venkateswara Institute of Science and Technology, Kadapa

22. Sri. U.PRADEEP KUMAR, Asst. Professor, has participated in a Ten day workshop on **Research Methodology** from 18th May to 30th 2020 at VTU Human Resource Development Center,center for PG studies,Muddenahalli,chikkaballapur.



1. Dr. K. Amaresh, Professor and Head of the Department, is acting as Editorial Member for Two Journals namely **International Journal of Power Electronics & Power Systems** – 16.10.2020 to 15.10. 2022 and **Journal of Electrical, Electronics & Computer Engineering Research** - Approved member from 21.10.2020.

2. Sri K. Kalyan Kumar acted as a NPTEL Text Translator (Language: English to Telugu) for **Electrical Machines** subject.

3 Sri S. Khadervali, Assistant Professor, has participated in an online Webinar on **“Power Electronics in Reducing the Harmonics in Grid”** held on 15.09.2020 organized by VNRVJIET, Hyderabad.

4.. Sri S. Khadervali, Assistant Professor, has participated in Four Day Online Faculty Development Programme on **“Challenges and Opportunities of Energy and Sensor Applications”**, during 23.09.2020 to 26.09.2020 organized by JNTUA, Ananthapuramu.

5. Sri. P. Durga Prasad, Assistant Professor, has actively participated in a one week online Faculty Development Programme on **“Introduction to Machine Learning”** organized by CRI,KSRMCE, from 24.09.2020 to 30.09.2020.

6. Sri K. Kalyan KumarAssistant Professor, has actively participated in AICTE Training and Learning academy online Faculty Development Programme on **“Energy Engineering”** during 05.10.2020 to 09.10.2020 organized by JNTUCEK, Kalikiri, Chittoor Dist.

7. Sri S. Khadervali, Assistant Professor, has participated in the National Online Webinar on **“Smart Grid Automation”** held on 06.10.2020 organized by Vidya Jyothi Institute of Technology, Hyderabad.

8. Sri N. Siddhik, Assistant Professor, has actively participated in AICTE Training and Learning academy online Faculty Development Program on **“Internet of Things”** during 17.10.2020 to 21.10.2020 organized by IIT – Palakkad, Kerala.

1. Dr. T. Mariprasath, V.Kirubakaran, M.Sreedhar and Dr. K. Amaresh; fraternity of E.E.E. published a journal entitled ***"An Experimental Study on Spectroscopic Analysis of Alternating Liquid Dielectrics for Transformer"***. Springer, Electrical Engineering, Impact Factor= 1.1.180. (Science Citation Indexed Journal)
2. Dr. T. Mariprasath, Mr. S. Asokan and Mr. M.Ravindran; have published a paper entitled ***"Comparison and Optimization of Various Coated Ceramic Insulator Artificial Coastal Thermal Power Plant Pollution"***, in the Journal of Circuits, Systems, and Computers, Vol. 29, No. 12.2020. **Impact factor = 1.363, (Science Citation Indexed)**



1. Dr. Rathnamma, Associate Professor, has published a journal entitled ***Flow-based anomaly intrusion detection using machine learning model with software defined networking for Open Flow Network*** in the magazine Microprocessors and Microsystems, Volume 79, November, 2020
2. Smt. B. Swetha, Asst. Professor, has participated in a oneday Webinar on ***Research Methodology*** organized by the Department of Commerce, Yogi Vemana University, Kadapa on 29th, September 2020.
3. Smt. Riyaz Bhanu, Asst.Professor, has participated in the six day Online Faculty Development Programme on Advanced Python for Enterprise Applications organized by J.N.T.U.K, Kakinada from 10th June to 15th June, 2020.
4. Smt. B. Swetha, Asst. Professor, has participated & completed successfully AICTE Training And Learning (ATAL) Academy Online FDP on "Block chain" from 2020-10-5 to 2020-10-9 at National Institute of Technology Meghalaya.
5. Smt. Riyaz Bhanu, Asst.Professor, has participated in a five day online International Workshop on Emerging Trends organized by BIT Institute of Technology, from 22nd July2020 to 26th July,2020.



1. Sri. K. Khasimpeera, Asst. Professor has presented a paper entitled ***Covid-19 Scenario and Msmes:Issues and Challenges*** at a three day International Conference on COVID-19 Afflictions on the Global Markets & Impeding Outlook from 1st September 2020 to 3rd September 2020.
2. Smt. B.V.R. Bhanu, Asst. Professor, has participated in the Webinar on Applications of Nature Inspired Optimization Techniques for Solving Real Life Problems Conducted by Department of Mathematics, K.P.R Institute of Engineering and Technology, Arasur, Coimbatore, Tamilnadu on 8th October, 2020.
3. Sri. Y. Satheesh Kumar Reddy, has participated in the Webinar on ***Overview of Vedic Mathematics*** Conducted by Department of Mathematics, K.P.R Institute of Engineering and Technology, Arasur, Coimbatore, Tamilnadu on 26th September, 2020.
4. Sri. K. Khasimpeera, Asst. Professor, has participated in a oneday Webinar on ***Research Methodology*** organized by the Department of Commerce, Yogi Vemana University, Kadapa on 29th, September 2020.
5. Dr. K. Venkata Ramana, Asst. Professor, has received a certificate from Government of India for the ***Jan Andolan COVID-19 Appropriate Behaviour*** Pledge and committed himself to the responsibility of taking all necessary steps precautions that will prevent the spread of COVID-19.
6. Smt. B.V.R. Bhanu, Assistant Professor, has participated in the Webinar on ***Software Reliability*** Conducted by Department of Mathematics, K.P.R Institute of Engineering and Technology, Arasur, Coimbatore, Tamilnadu on 9th October, 2020.
7. Sri. K. Khasimpeera, Asst. Professor, has participated in a oneday Webinar on ***Gandhian Ideology in Social Service Practices : : The Need On an Hour*** organized by NSS Unit - 1 and NSS Unit -3 of NSS Cell, Yogi Vemana University, Kadapa on 30th, September 2020.
8. Dr. K. Venkata Ramana, Asst. Professor, has participated in a oneday webinar on ***“Boosting immunity through holistic health care an interactive session with the youth”*** on 13-09-2020 organized by LEAD INDIA Foundation.

9. Sri. Y. Satheesh Kumar Reddy, Assistant Professor, has participated in the Webinar on *Applications of Nature Inspired Optimization Techniques for Solving Real Life Problems* Conducted by Department of Mathematics, K.P.R Institute of Engineering and Technology, Arasur, Coimbatore, Tamilnadu on 8th October, 2020.
10. Sri. K. Khasimpeera, Asst. Professor, has participated in a oneday International Webinar on Life Style and Life Balance of Teachers, Research Scholars and students during the COVID-19 Pandemic held on 14th October, 2020 organized by M.B.A Department, Mother Teresa College of Engineering and Technology, Peddapalli Dist, Telangana.
11. Sri. Y. Satheesh Kumar Reddy, Assistant Professor, has participated in the Webinar on *Software Reliability* Conducted by Department of Mathematics, K.P.R Institute of Engineering and Technology, Arasur, Coimbatore, Tamilnadu on 9th October, 2020.

