



# Aksharam

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## Big Ritual of Kandula Sivananda Reddy



**Sri. K. Chandra Oblula Reddy and Sri K. Madan Mohan Reddy offering floral tributes.**



**Sri.Y.S Avinash Reddy M.P. Kadapa consoling the members of the 'Kandula' family after paying homage at the ghat.**

Big ritual of Late. Sri. Kandula Sivananda Reddy, Owner of Kandula Group of Institutions, was held on 16th Nov, 2020 . Sri. Y. S. Avinash Reddy, Member of Parliament, Kadapa; Sri. P. Ravindranatha Reddy, M.L.A of Kamalapuram, Sri. N. Ramamuni Reddy, Former Rajya Sabha Member, Kadapa and other well known politicians and dignitaries attended the programme and paid tribute to the portrait of Sri. K. Sivananda Reddy. All attendees

of the programme recalled their memories with the legendary personality. On this occasion, familiar stage dramas like *SatyaHarischandra* and *Chitamani* were performed by nationwide artistes. People in large numbers including farmers, villagers in and around Kadapa; students, faculty members and members of the 'Kandula' family attended the programme. This stage drama enthralled the audience till the end.



**Sri. P. Ravindra Reddy, M.L.A of Kamalapuram praying to the Sepulchre**



**Sri. K. Rajamohan Reddy offering floral tributes**



***College Correspondent Smt. K. Rajeswaramma inaugurating the medical camp***

The N.S.S.Unit of K.S.R.M.C.E in association with Sunshine Hospitals, Kadapa, has organised a medical camp on college premises on 14th December 2020 (Monday) for teaching and non-teaching staff of the college. The College Correspondent Smt. K. Rajeswaramma inaugurated the medical camp and addressed the importance of regular health checkup in human

life. The doctors performed diagnostic tests like HB,RBS, Pulmonary function tests on the employees. Sunshine Hospital doctors conducted medical tests in the camp free of cost. Sri. K. Chandra Obula Reddy, Secretary; Director Prof. A. Mohan; Principal Dr. V.S.S. Murthy visited the health camp and appreciated the staff of the Sunshine diagnostics center for

their service on this occasion. Sri. K. Durga Prasad, Assistant Professor and N.S.S.Unit Officer organized this programme as the coordinator.

*"To ensure good health: eat lightly, breathe deeply, live moderately, cultivate cheerfulness, and maintain an interest in life."*

# MOU

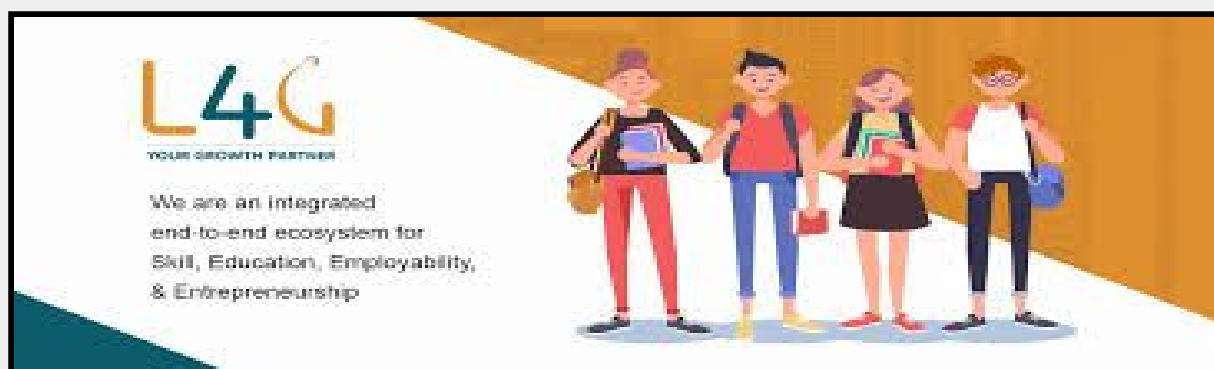
## MEMORANDUM OF UNDERSTANDING

K.S.R.M.C.E has signed with L4G- Coursera to ensure their faculty, students (learners) have access to a world class online learning platform to upgrade their skills and knowledge. It enabled the learners at the campus to learn new skills during COVID-19 and beyond. Coursera & L4G are helping KSRMCE through Content Curation,

monitoring the programme through customized Dashboards and Analytics, Creating digital portfolio of the students, conducting online Proctored Exam, Content Authoring through LMS and other value added services.

On this occasion, Principal Dr. V.S.S Murthy said, “ We are really excited when the

collaboration is done with L4G- Coursera for the C4CV initiative . Now we are ready to grab the opportunity of providing a world class online learning facility to our students and faculty. I would like very much to appreciate everyone who has been involved in this task.”





# PLACEMENTS



## *Drive by Vishay Precision Group*



As many as 20 students of K.S.R.M College of Engineering ,Kadapa were selected in the campus interview conducted by Vishay Precision Group , a reputed Communication Core Sector Company, Chennai. The company H.R. Managers, Sri. Bharath and Sri Balaji, conducted campus interviews for final year E.E.E, and E.C.E students. They selected students who exhibited talent in every round of the

selection process. College Chairman Sri. S. Sankar Reddy, Correspondent Smt . K. Rajeswaramma; Sri. K. Madan Mohan Reddy, Vice- Chairman; Sri. K. Chandra Obula Reddy, Secretary; College Director, Prof. A. Mohan; Principal Dr. V.S.S. Murthy; Dr. V. Lokeswar Reddy, Dean, Placement Cell; Sri. M. Siddiq, Placement Officer; Teaching and non teaching staff appreciated the students who got selected

in the campus interview. College Director, Prof. A. Mohan asserted that communication skills and special training were given to the students to get campus selections led to get more students selections in the campus recruitment. College principal Dr. V.V.S. Murthy mentioned that curriculum and planning of the faculty were the main reason for success of the students.

## *eNoah Solutions Private Limited*



Promising students of KSRMCE grabbed excellent job offers in the campus recruitment drive for final year E.C.E. and E.E.E. students. 11 students secured jobs as Technical Support Executives in eNoah Solutions Private Limited, Chennai during Campus Placement held in the college on Wednesday, 11th December 2020.

Company HR Manager Mr. Srihari, said the candidates will be placed in Chennai Branch. The annual salary of the selected candidates will be Rs 2.30 lakh.

College vice Principal K. Madan Mohan Reddy expressed happiness over students securing jobs in a noted company. Chairman Shankar Reddy, correspondent Smt. K.

Rajeswaramma; Secretary Kandula Chandra Obul Reddy, Vice Chairman Sri. K. Madan Mohan Reddy, Director Prof A Mohan, Principal Prof V.S.S Murthy; Dr. V. Lokeswar Reddy, Dean, Placement Cell; Sri. M. Siddiq, Placement Officer; and staff congratulated those bagged the jobs on the occasion.

**“The future belongs to those who believe in the beauty of their dreams.”**

## *Students shine at campus placements*



*Students selected for jobs with KSRMCE Secretary Sri.K.Chandra Obula Reddy; Vice-Chairman Sri. K. Madan Mohan Reddy and other college officials on college campus*

As many as 22 students of B.Tech final year Mechanical branch students were selected by Wipro Infrastructure Private Limited, Chennai , in a campus recruitment drive, held on 21st Dec, 2020. The students excelled in three rounds of interview organised by the company H.R. Manager Sri. Surya ; were selected. The final year students have exhibited their talent in the written test,

technical interview and HR interview and were selected as Trainee Engineers, said the Employment and Placement cell Dean Dr. V. Lokeswara Reddy, The selected candidates will be given 18,000/- per month as the basic pay. After the final year examinations , they would join the company at Chennai. Chairman Sri. S. Sankar Reddy, Correspondent Smt . K. Rajeswaramma;

Sri. K. Madan Mohan Reddy, Vice- Chairman; Sri. K. Chandra Obula Reddy, Secretary; College Director, Prof. A. Mohan; Principal Dr. V.S.S. Murthy; Dr. V. Lokeswar Reddy, Dean, Placement Cell; Sri. M. Siddiq, Placement Officer; Teaching and non teaching staff and others congratulated the selected students.

# Guest Lecture on *How to get Government Jobs*



*Chief guest addressing the gathering*



*Dr. Ravikanth felicitating the guest*



A guest lecture on *Employment awareness camp* for Mechanical Engineering students was held on 14th Dec, 2020 in the seminar hall of Mechanical Block from 3 p.m. to 4 p.m. Sri D.Venkata Ramana Naik, Assistant Motor Vehicle Inspector, Kadapa, attended as the chief guest of the event. He is an alumni of the Mechanical branch of KSRMCE. Speaking on this occasion, Mr. Naik, with his inspiring words,

created awareness in the minds of the students on competitive exams. Further, he let out the information on how to prepare for civil service and other national wide exams for getting jobs in the government sector. At the end, in his interaction with the students, he adduced some reference books, useful for various competitive exams. The college Secretary Sri. K. Chandra Obula Reddy; Vice-chairman Sri. K. Madan Mohan Reddy; Director Prof. A. Mohan, principal, Dr. V.S.S. Murthy, Mechanical Engineering Department head Dr D. Ravikanth, staff, students and others were also present. The event was winded up with felicitation to Sri D.Venkata Ramana Naik by the college officials.

**The goal is to achieve the strongest placement results and highest levels of student and employer satisfaction.**

Center for Research and Innovation (CRI)

Leadership Talk series



# KSRM COLLEGE OF ENGINEERING (AUTONOMOUS) - KADAPA - 516003

## CENTRE FOR RESEARCH AND INNOVATION ORGANIZES

### Sri Kandula Sivananda Reddy Memorial One Week Student Leadership Talk Series



**7th - 12th  
DEC 2020**



**4:00PM - 5:00PM**



**Google Meet**



**Registration**

<https://forms.gle/HWQ6Xce>

**EQUINISner6**

**Contact : +91 74190960,  
dasariak@ksrsmce.ac.in**

*Participants at the Sri Kandula Sivananda Reddy Memorial One Week Student Leadership Talk series.*

## Workshop on "Fundamentals of Android App Development using Kotlin"

Centre for Research and Innovation conducted a two day workshop on **"Fundamentals of Android App Development using Kotlin"** for the V Sem B.Tech, Computer science and Engineering Students on 18<sup>th</sup> and 19<sup>th</sup> of

December 2020. Around 38 students from CSE branch and 2 from ECE have been registered and successfully completed the training programme. In this workshop students acquired knowledge on Kotlin Language and Basic App development using kotlin. Sri. S. Khaja Khizar, Asst Professor, CSE Department acted as the resource person for this programme.



## Workshop on MATLAB Simulation and Its Applications

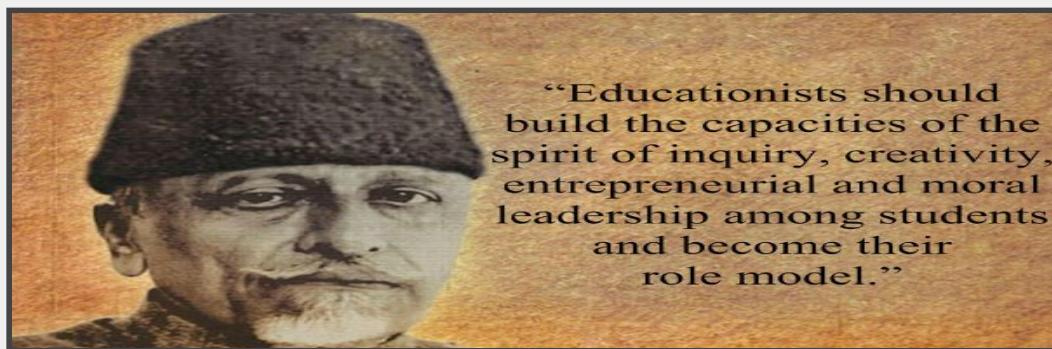
Centre for Research and Innovation (CRI) conducted a three Day' Workshop on **MATLAB Simulation and Its Applications** from 17.12.2020 to 19.12.2020 at 3.00 pm to 5:00 pm. Around thirty five students from E.E.E & E.C.E have participated in the event. Dr. T.

Mariprasath acted as the resource person for the workshop. On Day one, the resource person trained the students to modeling and analysis of Switched Reluctance Motor (SRM) by Simcape toolbox. Subsequently, various speed control techniques have been developed and evaluated its significance by the MATLAB Simulink block set. On Day 2, the resource person demonstrated on how to use the MATLAB function block for

implementing various MPPT algorithms for enhancing the output voltage of solar PV systems. Besides, impact of buck and boost converters on the solar PV system has been studied by Simulation. Day 3, the resource person, covered the topic i.e. 5kWp-Solar PV system modelling and analysis with buck-boost converter.

Furthermore, a comparative analysis between Perturb and Observation, incremental and conductance algorithm has been implemented on the above developed model. The outcome of the workshop is, students are able to build models and analysis by using Simscape and Simpower system toolbox.

## NATIONAL EDUCATION DAY



**India** is observing the National **Education Day 2020** today. Every year since 2008, November 11 is celebrated as **education day** to commemorate the birth anniversary of Maulana Abul Kalam Azad. Azad was independent **India's** first Education Minister. Maulana Abul Kalam Azad's contributions in the field of education, nation-building, and institution-building are exemplary. He is the key architect of education in India. He was India's first Vice President and also the first education minister of independent India from 1947 to 1958.

On 11 September 2008, the Ministry of Human Resource Development (HRD) announced to commemorate the birthday of the great person by recalling the contribution of Maulana Abul Kalam Azad in the field of education by celebrating 11 November as National Education Day. Since 2008, every year in India, National Education Day is celebrated without declaring it a holiday.

According to Maulana Abul Kalam Azad, schools and colleges are the laboratories that produce future citizens of the country. He is the person behind IITs and various other institutes in India.



## Constitution Day of India 2020:

### *All you need to know Constitution Day of India 2020:*

It is Celebrated on 26 November every year. In 2020, it marks the 71st anniversary of the adoption of the Constitution and raises awareness about the Indian Constitution. Let us read more about Constitution Day of India. Constitution Day of India is also known as Samvidhan Divas or National Law Day or National Constitution Day.

### About Constitution Day of India

26 November has its own importance in the history of independent India because on this day in 1949, the Constitution of India was adopted and it came into effect on 26 January, 1950. Therefore, marking the dawn of a new era. To acknowledge the contribution of the framers of the Constitution and to aggravate the people regarding the prominent values, 26 November is celebrated as 'Constitution Day'. Constitution Day of India 2020: Celebrations Reading of the Preamble to the Constitution is an important part of the celebrations and reaffirming our commitment to upholding its ideology.

Other activities like Talks/Webinars on constitutional values and fundamental principles of the Indian Constitution may also be organised. While doing so it may be ensured that guidelines issued in the wake of COVID 19 pandemic are adhered to.

### **Constitution Day: History**

The BJP led Government in 2015 declared 26 November as Constitution Day by a gazette notification on 19 November.

### **What is the Preamble to the Constitution of India?**

“WE, THE PEOPLE OF INDIA, having solemnly resolved to constitute India into a SOVEREIGN SOCIALIST SECULAR DEMOCRATIC REPUBLIC and to secure to all its citizens: JUSTICE, social, economic, and political; LIBERTY of thought, expression, belief, faith, and worship; EQUALITY of status and of opportunity; and to promote among them all FRATERNITY assuring the dignity of the individual and the unity and integrity of the Nation; IN OUR CONSTITUENT ASSEMBLY this twenty-sixth day of November, 1949, do HEREBY ADOPT, ENACT AND GIVE TO OURSELVES THIS CONSTITUTION.”

The Constitution of India declares India a sovereign, socialist, secular, democratic republic, assuring its citizen's justice, equality, and liberty and endeavours to promote fraternity. The **preamble** was amended by the 42nd Constitutional Amendment Act in 1976, in which three new words Socialist, Secular, and Integrity were added.

Let us tell you that, the Indian Constitution describes the fundamental political code, structure, procedures, powers, and duties

of the government institutions. It also explains **fundamental rights**, directive principles, and the **duties of citizens**. India's constitution is the longest written constitution in the world. It took around 2 years, 11 months, and 17 days to complete the Constitution.

Therefore, Constitution Day of India is celebrated on 26 November to commemorate the adoption of the Constitution of India.

### *constitution day(Samvidhan Divas) online Quiz*

On this occasion, to spread the importance of the constitution, the college NSS unit has conducted an online quiz for the students and staff on the constitution of India. Around 100 students & 15 faculty

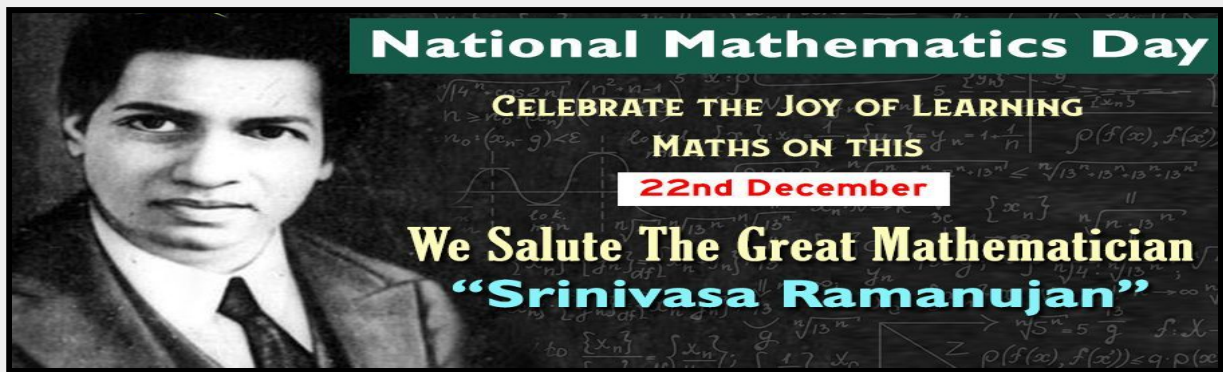
members participated in the online quiz. For all the participants, e-certificate has been issued. Sri. P. Durga Prasad acted as the coordinator of the programme.



On November 19 International Men's Day celebrates worldwide. It focuses on men's health, improving gender relations, highlighting male role models, and promoting positive expressions of masculinity. We highlight positive role models and raise awareness of men's well-being. Our theme is "Better health for men and boys." The theme this

year focuses on improvement and enhancement of **health and wellbeing** of the male population across the world. International Men's Day encourages men to teach the boys in their lives the values, character and responsibilities of being a man. Mahatma Gandhi said, "*We must become the change we seek.*" It is only when we all, both

men and women, lead by example that we will create a fair and safe society which allows everyone the opportunity to prosper. International Men's Day is an opportunity for people everywhere of goodwill to appreciate and celebrate the men in their lives and the contribution they make to society for the greater good of all.



National Mathematics Day is celebrated on **December 22** to commemorate the birth anniversary of India's mathematical genius Srinivasa Ramanujan. This day is observed as National Mathematics Day to celebrate the achievements of Srinivasa Ramanujan. The legendary mathematician was born on this day in 1887. In 2012, then prime minister Manmohan

Singh declared 22 December as National Mathematics Day.

Ramanujan was also known as the *"man who knew infinity"*. He made in-depth analysis to solve mathematical problems and equations using new ideas and concepts. Among his other achievements, Ramanujan was also among the youngest members of Britain's Royal Society. He became the first

Indian to be elected a Fellow of Trinity College.

The theories by Ramanujan transformed 20th-century mathematics and continue to shape the subject in the present century. Vice President M Venkaiah Naidu wrote that Ramanujan's ground-breaking work in the field of mathematics will always remain an inspiration to everyone.

### *National Mathematics Day celebrations in the college*

Marking the birth anniversary of Srinivasa Ramanujan, Humanities and Basic Sciences Department, grandly celebrated National Mathematics Day in the Civil Block Seminar Hall on Tuesday. College

Vice-Chairman Sri. K. Madan Mohan Reddy graced the event as the chief guest.



College Vice-Chairman Sri.K. Madan Mohan Reddy said that Mathematics was the basic for all sciences. The Indians are the founders of mathematical equations. He said Sriniasa Ramanujam was

one of the most revered scientists among others that has brought name and fame to the nation.



Addressing the students, College Principal Dr. V.S.S. Murthy advised the students to scale great heights in their lives by taking Ramanujan as a source of inspiration, who discovered number theory.



Director Prof. A. Mohan, in his speech, mentioned that students should come up with intelligence along with knowledge. They have to learn the subjects with application and

experience, he added.



Another guest, Dr. G. Sreenivasa Reddy, Professor and Head of C.E, in his speech on the occasion, lauded the services rendered by great mathematician late Srinivasa Ramanujan to the field of mathematics.



Dr. I. Sreevani, Head, H&S Department, in her address, said that they had planned the programme to create awareness on mathematics to the students. Organising such events would wipe out the fear of mathematics in the minds of the students.. She also said that everyone should pay

attention to mathematics.



Sri. B. Rama Bhupal Reddy, Professor of Mathematics, gave a brief description of the research in maths made by Ramanajuum to the students. He also taught the students about the simple ways to solve the problems and learning methods.



The relevance of National Mathematics day has been shared by Senior Lecturer Sri. N. Bhaskar Reddy. All the speakers

inspired the students by sharing with them such stories of talented individuals. Inspirational videos were presented by the faculty. Motivated by these, students also gave inspiring words about the necessity of Mathematics. The faculty of Mathematics motivated the students to participate in the Quiz Competition in Online mode.

College Vice-chairman Sri. K. Madan Mohan Reddy; Director Prof. A. Mohan, Principal, Dr. V.S.S. Murthy, H&S Department Head Dr. I. Srivani, faculty of

various departments and students participated in the birth anniversary function. Dr. B. Rama Bhupal Reddy and Smt. B. Vahida Rehman Bhanu, the faculty members of Mathematics; acted as the coordinators of the event.



## Quiz conducted

On the occasion of National Mathematics Day, Department of

Humanities and Sciences, organized a National level online quiz on “Mathematics in Everyday Life” Many students from all over India took part in this quiz. **357** participants attempted this online Quiz. E-certificate has been given to all the participants who obtained 40% & above score. Dr. B. Ram Bhupal Reddy, Professor of Mathematics; and Smt. B.Vahida Rehman Bhanu, Assistant Professor, Department of Humanities and Sciences, organized the event as the coordinators.



## *Interactive session with the students*



***Dr. N. Ravi Sankar Reddy interacting with the students in the central library***

The Department of Library Science and Information of KSRMCE organised an interactive session with Lateral Entry students in the college Central Library on 29th Dec, 2020. The session held on the different issues like discipline, dos and don'ts in the library, importance of visiting the library at regular intervals and career opportunities.

Addressing the students, College Central Librarian, Dr. N. Ravi Sankar

Reddy, explained about the behavioral requirements of the society and the importance of networking, discipline, and how to spend time properly in the library. Further, he interacted with the students and explained in detail the process of taking books from the central library. He outlined the information on the resources like Books, Journals, e-Books,

e-Journals, IEEE e-Journals, JNTUA Consortium of e-Resources, DELNET, NLIST, NPTEL, NDLI ....etc. These resources are available at free of cost in the central library. At the end of the session, he urged the students to utilize all the sources available in the central library. The session has brought an influence on the students. Library staff and others were present.

## Ph. D Awarded to the faculty members



Sri. P. Srinivas who is working as Assistant Professor in the Mechanical Engineering Department, was awarded a doctorate in Mechanical Engineering for his research on the thesis entitled ***“A Comparative Performance Analysis of Metaheuristics For Optimum Parallel Scheduling of AGV’S And Machines in FMS”*** under the guidance of Professor Sri. S. Khaja Peer Saheb, Principal, K.L.M College of Engineering, Kadapa and M. Mohan, Professor, JNTUA, Ananthapuramu.

The varsity Director of Evaluation Prof. C.Sashidhar, has informed regarding awarding PhD to P. Srinivas in a press note. College Chairman Sri. S. Sankar Reddy, Correspondent Smt . K. Rajeswaramma; Sri. K. Madan Mohan Reddy, Vice- Chairman; Sri. K. Chandra Obula Reddy, Secretary; College Director, Prof. A. Mohan; Principal Dr. V.S.S. Murthy; Teaching and non teaching staff, students congratulated Sreenivas on the occasion.



Dr. Narala. Ravi Sankar Reddy, Librarian, Department of Library and Information Science, has been awarded the degree of Doctor of Philosophy (Ph.D) from Dravidian University, Kuppam of Andhra Pradesh. Dr Ravi Sankar Reddy did his research on the topic entitled ***“Analysis of Knowledge and Usage of Digital Resources Prevailed in Engineering***

***College Libraries of Kadapa District”*** under the research supervision of Dr. M. Doraswamy, Professor, Department of Library and Information Science, Dravidian University, Kuppam of Andhra Pradesh. College Chairman Sri. S. Sankar Reddy, Correspondent Smt . K. Rajeswaramma; Sri. K. Madan Mohan Reddy, Vice- Chairman; Sri. K. Chandra Obula Reddy, Secretary; College Director, Prof. A. Mohan; Principal Dr. V.S.S. Murthy; HoDs of various Engineering and Basic Science Departments, faculty and the staff have appreciated Dr. N. Ravi Sankar Reddy on his achievement.

# FACULTY ACHIEVEMENTS



1. Miss. V Sai Neeraja, Assistant Professor, has participated in the TEQIP III Sponsored One week Short Term Course on “***SUSTAINABLE CONCRETE CONSTRUCTION-ISSUES & CHALLENGES***” organized by Department of Civil engineering, Dr. B. R. Ambedkar National Institute of Technology Jalandhar from 26<sup>th</sup> to 30<sup>th</sup> October 2020.
2. Sri. P. Sureesh Praveen Kumar, Asst. Professor, has been recognized as a Professional Member of ***Indian GeoTechnical Society*** with effect from 2020. This membership is valid for life long.
3. Sri. Paladi Rajendra Kumar, Assistant Professor, has successfully participated in Short Term Training Program on ***Sustainable Materials & Resilient Buildings - Philosophy, Design, Implementation, and Performance*** sponsored by AICTE and organized by Department of Civil Engineering, Kakatiya Institute of Technology & Science, Warangal, during 23rd – 28th November 2020. The participant obtained grade ‘A’ in the Comprehensive exam.
4. Dr. V.RAMESH BABU, Assistant Professor, has actively participated in a One Week International Workshop on ***Durability of Concrete (IWODOC - 2020)*** organised by the Department of Civil Engineering, National Institute of Technology Karnataka, Surathkal, India during 26th - 30th October 2020.
5. Dr. T. Kiran Kumar, Professor and Dean, has participated in a national webinar on “***Quality Enhancement in Higher Education Institutions***” sponsored by National Assessment and Accreditation Council (NAAC), conducted by Internal Quality Assurance Cell (IQAC) Mar Baselios Institute of Science and Technology,(MBITS), Ernakulam, KERALA.
6. Dr. V.RAMESH BABU, Assistant Professor, has successfully participated in Short Term Training Program on ***Sustainable Materials & Resilient Buildings - Philosophy, Design, Implementation, andPerformance*** sponsored by AICTE and

organized by Department of Civil Engineering, Kakatiya Institute of Technology & Science, Warangal, during 23rd – 28th November 2020.

7. Sri. P. Rajendra Kumar, Assistant Professor, has received a certificate of appreciation from Coursera, L4G Solutions for instrumental role in making the Coursera for CoronaVirus (C4CV) initiative a grand success. They thanked him for being the L4G Coursera Digital Transformer Leader.



1. Dr. V.S.S. Murthy, Dr. P. Sreenivas and Sri. S. Vijay Kumar, fraternity of Mechanical Engineering Department, published an article entitled *Effect of Mechanical Properties on Palm Sprout Shell Ash Particulate Reinforced Al- alloy Matrix Composite* in the Journal of Solid State Technology, Volume 63 No 6, 2020.

## *Retirement Function held*



*Director Prof. A. Mohan felicitating the retiring employee with shawl and garland*

The Super Annuation function of Sri G. Venkata Subbaiah was held on 30-11-2020, Monday at 3:30 p.m. in the seminar hall of the Mechanical Engineering Department. Director



Professor. A. Mohan; Principal Dr. V.S.S Murthy; Head of the department Dr. D. Ravikanth, faculty and staff graced the ceremony. Speaking on this occasion, the director applauded the services rendered by Mr.Venkata Subbaiah during his stay in the institution. He recollected his

memories with the retired person in the department of Civil engineering. Principal conveyed his wishes to G. Venkata subbaiah for happy retirement life, Dr.D.Ravikanth, Professor and Head, M.E in his address on the occasion, admired the zestful qualities of Mr. G. Venkata subbaiah.

At the end of the event, all the faculty including teaching and non-teaching and Heads of various departments wished the retiree person to lead a happy and healthy retirement life .

## *Departmental Meeting held*

The Mechanical Department faculty meeting was held on 9.12.2020 from 4:15 p.m. to 5:15 p.m. in the seminar hall of the Mechanical Engineering Department . Sri.K. Madan Mohan Reddy, Vice chairman of the institution; Dr.C.Chaitanya sampara Director R&D wing , Director Prof. A. Mohan, Principal Dr. V.S.S. Murthy, attended the

meeting as the guests. Dr. D. Ravikanth welcomed the invitees and outlined the activities that took part in the department till the end of the week. The dignitaries on the dias listened to the activities mentioned by the Head, and suggested the faculty to improve their skills and activities in a better way.



1. Dr. K. Amaresh, Professor and Hod, has successfully completed a course on ***“Online Teaching”***, during July to September 2020 conducted by the IUCEE Team of Faculty.
2. Dr. T. Mariprasath, Associate Professor, has successfully completed 36.5 total hours of ***“MATLAB master Class:Go from Beginner to Expert in MATLAB”*** online course on 11.11.2020, the certificate is offered by udemy.
3. Dr. T. Mariprasath, Dr. V. Kirubakaran, Dr. M. Sreedhar and Dr. K. Amaresh, fraternity of E.E.E. published a paper on ***“An experimental study on spectroscopic***

*analysis of alternating liquid dielectrics for transformer*”, in Electrical Engineering – Springer, Nov. 2020.

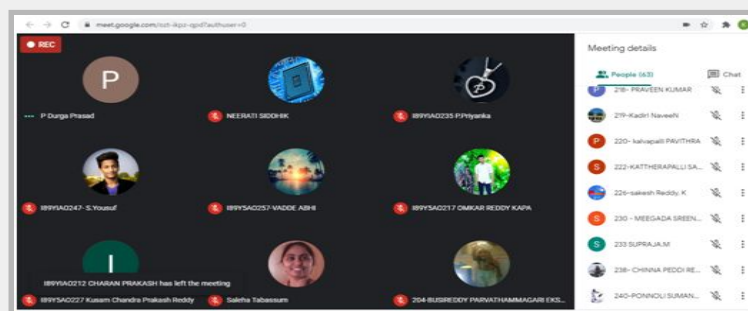
4. Smt.Saleha Tabassum; Sri. Md. M. Pasha, Sri.G. V. Subba Rao and Sri. B. Suresh, faculty of E.E.E, published a paper on **“Compressive Sensing In Quadrature Frequency Modulated Thermal Wave Imaging”** in Journal of Critical Reviews, Vol. 7, Issue 12, 2020 , pp 1133-1138.
5. Sri. G. Hussain Basha, Assistant Professor, has actively participated in the TEQIP-III sponsored One-Day National E-Conference on **Emerging Paradigms in Teaching English Language & Literature organized** by Dept. of Humanities JNTUA College of Engineering (A) Ananthapuramu, A.P. on 21.11.2020.
6. Sri. K. Rama Mohan Reddy, Associate Professor & Dean and Sri. T. Kishore Kumar, Assistant Professor, participated and completed successfully AICTE Training and Learning (ATAL) Academy Online FDP on **Internet of Things (IoT)** from 09.11.2020 to 13.11.2020 conducted by JNTUA College of Engineering, Ananthapuramu.
7. Sri.T. Naresh, Academic Assistant, has participated in AICTE Sponsored Online Short Term Training Program on **“Recent Advances in Hybrid & Electric Vehicle Technologies (RAHEVT)”** from 16.11.2020 to 21.11.2020 conducted by MVGRCE, (Autonomous) Vijayanagaram.
8. Sri K. Kalyan Kumar, Assistant Professor, has completed a 30 Day Master Class on **MATLAB SIMULINK** from 23.11.2020 to 22.12.2020 conducted by Pantech Prolabs India Pvt. Ltd., Hyderabad in association with APSSDC.
9. Sri K. Rama Mohan Reddy, Associate Professor; Sri K. Kalyan Kumar and Mr. N. Siddhik Assistant Professors, participated & completed successfully AICTE - ATAL online FDP on **“Applications of Artificial Intelligence in Engineering”** from 14.12.2020 to 18.12.2020 conducted by ABES Engineering College, Ghaziabad, Uttar Pradesh.
10. Sri P. Durga Prasad, Assistant Professor, has participated & completed successfully AICTE - ATAL online FDP on **“Machine Learning for Smart Grid Applications”**, from 07.12.2020 to 11.12.2020 conducted by Global Academy of Technology, Bangalore.
11. Sri T. Kishore Kumar participated & completed successfully AICTE - Training and Learning (ATAL) Academy Online FDP on **“Electric Vehicles”**, from 30.11.2020 to 04.12.2020 conducted by University College of Engineering, Villupuram.
12. Sri S. Khader Vali, Assistant Professor, has participated in ISTE approved One Week Online Short Term Training Program on **“Outcome Based Education & NBA**

***SAR Filing***", from 23.11.2020 to 28.11.2020 organized by School of Engineering, Nalla Narasimha Reddy Education Society's Group of Institutions, Hyderabad.

13. Sri M. Bhaskar Reddy, Associate Professor & Sri T. Kishore Kumar, Assistant Professor, participated in AICTE sponsored Six Day Online Short Term Training Programme on ***"Solar PV Technology: Envisaged Future Challenges and Mitigation Methods for High Photovoltaic Penetration"*** from 23.11.2020 to 28.11.2020 conducted by Paavai Engineering College, Namakkal, Tamilnadu.
14. Sri T. Kishore Kumar, Assistant Professor, has participated & completed successfully AICTE Training and Learning (ATAL) Academy Online FDP on ***"Green Technology & Sustainability Engineering"*** from 14.12.2020 to 18.12.2020 at St. Joseph's Institute of Technology.

### **Electrical Club Events**

Electrical club inaugural session has been conducted through online mode (Platform – Google meet) on 18.12.2020 from 4.15 to 5.15 pm.



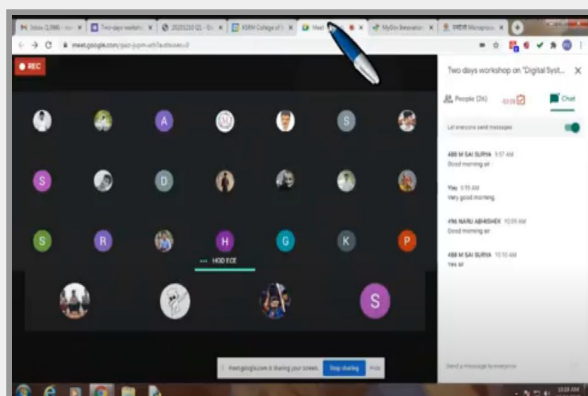
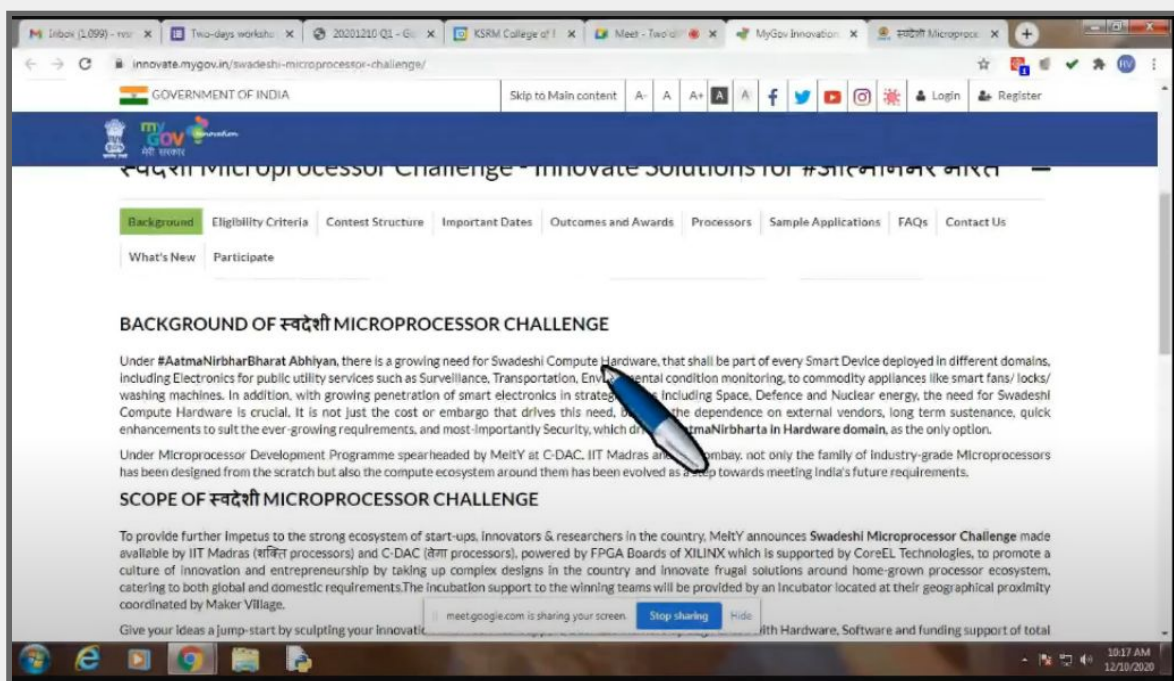
1. R.V. Sreehari, Associate Professor; and Miss. H. Mounika, Asst. Professor, published a paper entitled ***"Empirical mode decomposition based features as random binary sequence for WBAN security"*** in Solid State Technology Journal (SCOPUS Indexed), Volume 63, Issue 1 in the month of October, 2020.

2. Dr. S.L.Prathap Reddy, Associate Professor, has participated in AICTE Sponsored online one week Short Term Training Programme(STTP) on ***Application of Signal Image and Video Processing in VLSI Using XILINX System Generator Phase III*** organized by Department of Electronics and Communication Engineering, Narayana Engineering College, Nellore during 2nd Nov 2020 to 7th Nov 2020.
3. Dr. S.L. Prathap Reddy, Associate Professor, has participated in one week Short Term Training Programme(STTP) on Advances in Computing using Emerging Technologies in Smart Environment (Phase -2) from 23rd Nov 2020 to 28th Nov 2020 organized by Department of Computer Science and Engineering, Institute of Aeronautical Engineering, Hyderabad, Telangana.
4. Dr. G. Hemalatha, Professor and Head, has successfully completed NPTEL Online certificate course on ***Introductory Neuroscience - Neuro Instrumentation*** with a consolidated score of 76%.
5. Dr. S.L. Prathap Reddy, Associate Professor, has participated in one week AICTE-ISTE Refresher/Induction Programme (online Phase 1) on Python for Image Processing and IOT from 23rd Nov 2020 to 28th Nov 2020 organized by Department of Electronics and Communication Engineering, Geethanjali Institute of Engineering College, Gangavaram Nellore.
6. Dr. S.L.Prathap Reddy, Associate Professor, has participated in AICTE Sponsored online one week Short Term Training Programme(STTP) on ***Python Based Machine Learning Fundamentals to Application Phase -1*** organized by Department of Electronics and Communication Engineering, Anurag Engineering College, Kodad, Nalgonda Dist. Telangana from 14th Dec 2020 to 19th Dec 2020.
7. Dr. S.L.Prathap Reddy, Associate Professor, has successfully completed a one week faculty development programme on Statistics for Artificial Intelligence and Machine Learning organized by G. Pullaiah College of Engineering (Autonomous) and Ravindra College of Engineering for women, Kurnool, A.P from 2nd Nov to 7th Nov 2020.
8. Dr. S.L.Prathap Reddy, Associate Professor, has actively participated in the AICTE Sponsored Faculty Development Programme (FDP2/2) on Nurturing Morals and Work Ethics and Accountability for Technical Teachers organized by department of Computer Science and Engineering, Velagapudi Ramakrishna Siddartha Engineering College, Vijayawada, A.P. during 7th Dec,2020 to 19th Dec, 2020.
9. Dr. S.L.Prathap Reddy, Associate Professor, has actively participated in the two week faculty development programme on ***Advanced Pedagogy and Digital Tools in Engineering Education*** organized by Institute of Aeronautical Engineering, Hyderabad, Telangana from 14-26 December, 2020.

## A Two day Online workshop on “Digital System Design using Verilog HDL Part-I”

The Department of ECE has conducted a Two day online workshop on **"Digital System Design using Verilog HDL Part-I"** on 10th and 11th of December 2020 for III year E.C.E students. Totally 28 students attended the workshop.

**The topics covered during the workshop are :** Introduction, Difference between VHDL, and Verilog, Basics of Verilog, Verilog coding levels and Design of Combinational logic circuits. Sri. R.V. Sreehari, Associate Professor and Smt. S.Sharmila Banu. Asst. Professor, acted as the coordinators of the event.



### Verilog code for AND gate using behavioral modeling

```
module AND_2_behavioral (output reg Y, input A, B);  
    always @ (A or B) begin  
        if (A == 1'b1 & B == 1'b1) begin  
            Y = 1'b1;  
        end  
        else  
            Y = 1'b0;  
        end  
    endmodule
```



1. Smt. B. Swetha, Assistant Professor, has actively participated in the series of online webinars on ***“Innovation and Technology Readiness”*** and ***“Innovation, Start up Policy and Great Proposal Writing”*** organized by IIC, SPMVV, on 3rd and 17th October, 2020 at Sri Padmavati Mahila Visvavidyalayam, Tirupati, A.P.
2. Dr. M. V. Rathnamma, Dr. A.V. Sriharsha, Dr. V. Venkata Ramana, Dr. M. Sreenivasulu, fraternity of C.S.E Published a paper entitled ***“On Measures of Statistical Parameter Privacy”*** in TEST Engineering & Management(**Scopus Journal**) by Mattingley Publishing Co., Inc.Vol. 83: May/June 2020 ISSN: 0193-4120 Page No. 18286 - 18291.
3. Dr. M V Rathnamma, Dr. V Venkata Ramana, Dr. A.V.Sriharsha, Dr.M Sreenivasulu faculty of C.S.E Published a paper entitled ***“Applications Convolution Neural Networks and Precipitation Estimation*** Vol. 83: May/June 2020 ISSN: 0193-4120 ISSN: 0193-4120 Page No. 13298 - 13303.
4. Sri. G Manoranjan, Sri. G R Anil, Dr. M. V. Rathnamma, Dr.V. Venkata Ramana "Sequence Prediction for Journal Titles using ***Natural Language Processing*** ISSN: 2005-4262 Vol. 13, No. 1, (2020), pp. 1132-1139 2020-05-27 IJGDC Copyright ©2020 SERSC International Journal of Grid and Distributed Computing(**Emerging Sources Citation Index (ESCI)**).
5. Sri. Mahir Jain ; Sri. Suraj Singh ; Sri. K. Chandrasekaran ; Dr. M V Rathnamma ; Sri. V. Venkata Ramana published a journal entitled on ***“Machine Learning Models with Optimization for Clothing Recommendation from Personal Wardrobe”*** IEEE Xplore: 14 May 2020 , 3rd International Conference on Emerging Technologies in Computer Engineering: Machine Learning and Internet of Things (ICETCE), Jaipur, India, Electronic ISBN: 978-1-7281-1683-9 Print on Demand(PoD) ISBN: 978-1-7281-1684-6 DOI: 10.1109/ICETCE48199.2020.9091777 , INSPEC Accession Number: 19612688. (<https://ieeexplore.ieee.org/xpl/conhome/9089739/proceeding> )
6. Smt. Pallavi Joshi, Dr. M.V. Rathnamma, Dr. K. Srujan Raju and Urmila Pawar Published a journal entitled on ***“Miss Rate Estimation (MRE) an Novel Approach towards L2 Cache Partitioning Algorithm’s for Multicore System”*** International

7. Dr. M. V. Rathnamma, Associate Professor, has received ***Copy Right Certificate applicant copy*** with Registration Number L- 97684/2020 from the Copy Right Office, Government of India on 14th Dec, 2020.
8. Smt. Pushpita Patil, R Aparna, K. Chandrasekaran, M V Rathnamma, V. Venkata Ramana have published a journal titled on “ Feature Models of Home Automation Systems towards Smart Sensing” (*ICCSP'20 IEEE*) International Conference on Communication and Signal Processing, July 28-30 ,2020, Adhiparasakthi Engineering College, Melmaruvathur, Tamilnadu at 9th International Conference on Communication and Signal Processing IEEE Proceedings.

### Patent Details

S. No.	Name of Faculty	Patent App. No.	Filing Date	Title	Status
1..	Dr.M.V.Rathnamma	202041001470	13-01-2020	AWS-DEVICE:ADVANCED WOMEN SAFETY DEVICE USING MICROPROCESSOR AND DEEP LEARNING PROGRAMMING.	Published (Date: 17/01/2020)
2..	Dr.M.V.Rathnamma	202041012331	21-03-2020	HTVM-BLOCK CHAIN SYSTEM:HEALTHCARE TRANSACTION VALIDATION AND MEDICAL OBSERVATION CARE USING BLICK CHAIN SYSTEM	Published (Date: 08/05/2020)

“It is never too late to be who you might have been.”

- George Eliot



1. Dr. Indireddy. Sreevani, Associate Professor and HOD, has participated and completed successfully AICTE Training and Learning (ATAL) Academy online Faculty Development Programme on ***Waste Technology*** from 2nd November 2020 to 6th November 2020 at Manipal University, Jaipur, Rajasthan.
2. Dr. Indireddy. Sreevani, Associate Professor and HOD, has participated and completed successfully AICTE Training and Learning (ATAL) Academy online Faculty Development Programme on ***Green Technology and Sustainability Engineering*** from 26th October 2020 to 30th October 2020 at Sardar Vallabhai Patel National Institute of Technology, Surat, Gujarat.
3. Dr. K. Venkata Ramana, Assistant Professor, has participated & completed successfully AICTE Training And Learning (ATAL) Academy Online FDP on ***"Green Technology & Sustainability Engineering"*** from 2020-10-26 to 2020-10-30 at Sardar Vallabhbhai National Institute of Technology.
4. Dr.V. Ramachandra Reddy, Assistant Professor, has actively participated in the One-Week International Webinar/FDP ***"Relevance of Mathematics to Core Engineering Sciences"*** organized by Mahatma Gandhi Institute of Technology, Hyderabad from 12 to 16 October 2020.
5. Sri. K. Vijaya Bhaskar Reddy, Assistant Professor, has attended Two Day National Faculty Development Programme on ***Research for faculty and research scholars*** organized by the Department of English and other Foreign Languages, S.R.M Institute of Science and Technology, Ramapuram, Chennai, Tamilnadu.
6. Dr. V. Ramachandra Reddy, Assistant Professor, has participated in Two day National Webinar on ***"LINEAR ALGEBRA AND ITS APPLICATIONS"*** Organized by Department of Basic Sciences and Humanities Gudlavalleru Engineering College, Gudlavalleru from 31.10.2020 to 01.11.2020.
7. Dr. Indireddy. Sreevani, Associate Professor and HOD, has successfully completed a course on ***"Online Teaching"***, during July to September 2020 conducted by the IUCEE Team of Faculty.

8. Sri. K. Eswar Reddy, Assistant Professor, has attended Two Day National Faculty Development Programme on ***Research for faculty and research scholars*** organized by the Department of English and other Foreign Languages, S.R.M Institute of Science and Technology, Ramapuram, Chennai, Tamilnadu.
9. Sri. K. Vijaya Bhaskar Reddy, Assistant Professor, has participated in the webinar on ***"Boosting Immunity Through Holistic Health Care : An Interactive Session with the Youth"*** organized by Lead India Foundation, on 8th Nov 2020.
10. Sri. K. Ramesh Rao , Assistant Professor, has participated in the Two Day National Level Webinar on ***"Indian Writing in English"*** organised by the PG Department of English, TVUCAS, Kallakurichi from 05.12.2020 to 06.12.2020 .
11. Smt. B. Prashanthi, Assistant Professor, has participated & completed successfully AICTE Training And Learning (ATAL) Academy Online FDP on ***"SYNTHETIC BIOLOGY"*** from 2020-11-30 to 2020-12-4 at Madurai Kamaraj University, Madurai
12. Dr.V. Ramachandra Reddy, Assistant Professor, has actively 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.
13. Sri. K. Ramesh Rao , Assistant Professor, has participated in the online Faculty Development Programme(FDP) on ***Universal Human Values in the Context of Student Induction Programme*** Sponsored by Technical Education Quality Improvement Programme (TEQIP) - III during 2nd - 7th November 2020 organized by National Institute of Technology, NIT Warangal, Telangana.
14. G.C.Venkata Subbaiah, Assistant Professor,has actively participated in National level Online Quiz on ***National Mathematics Day*** organised by Faculty of Mathematics, Department of Humanities & Sciences ,KSRMCE (Autonomous), Kadapa on 19-12-2020
15. Sri. K. Ramesh Rao, Assistant Professor, has participated in the webinar on ***"Boosting Immunity Through Holistic Health Care : An Interactive Session with the Youth"*** organized by Lead India Foundation, on 8th Nov 2020.
16. Sri. K. Vijaya Bhaskara Reddy, Assistant Professor, has actively participated in National level Online Quiz on ***National Mathematics Day*** organised by Faculty of Mathematics, Department of Humanities & Sciences, KSRMCE (Autonomous), Kadapa on 19-12-2020
17. Sri. K. Eswar Reddy, Assistant Professor,has actively participated in National level Online Quiz on ***National Mathematics Day*** organised by Faculty of Mathematics,

Department of Humanities & Sciences, KSRMCE (Autonomous), Kadapa on 19-12-2020

18. Smt. B. Prashanthi, Assistant Professor, has participated in three day virtual national workshop on *Advanced Materials for Energy and Environment Applications* during 21st to 23rd December 2020 Organized by Department of Materials Science and Nanotechnology YOGI VEMANA UNIVERSITY, KADAPA



## *InSc Professional Membership*



Sri. P. Suresh Praveen Kumar, Asst. Professor, Department of Civil Engineering, has been recognized as a Professional Member of Institute of Scholars (InSc). This membership is valid for life long.

*"Be patient with yourself. You are growing stronger every day. The weight of the world will become lighter...and you will begin to shine brighter. Don't give up."*

