

# OUR 2017-18 ESTEEMED RECRUITERS

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**Dr. S. SUDHAKARA REDDY**  
Principal

**Editor-In - Chief**  
**Mr T. JEEVANANDAM**  
Asst.Prof, English.

VOLUME - 9

ISSUE - 2

OCTOBER - 2018



# MALLA REDDY ENGINEERING COLLEGE

(Autonomous)

Estd : 2002

(An UGC autonomous institution, Affiliated to JNTUH.  
Accredited by NAAC with 'A' Grade (11<sup>th</sup> Cycle))

Maisammaguda, Dhulapally, Secunderabad - 500 100, Ph: 040-64634234,  
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## INNOVATIONS HUB



**Malla Reddy Engineering College**  
(Autonomous)

Warm welcome to  
**Orientation Day Programme**  
On 16<sup>th</sup> July, 2018

Chief Guest  
Sri. O. Malla Reddy  
Hon'ble Member of Parliament - Madhya Pradesh  
Founder, Chairman MREC  
Member Standing Committee on Defense

Sri. Dr. S. Sudhakara Reddy  
Principal, MREC (A)

**MALLA REDDY ENGINEERING COLLEGE**  
(Autonomous)

Welcome to  
**One Week National Level Workshop on**  
**"Machine Learning using Python"**  
with hands-on Training  
in association with Digital Lync, Hyd  
From 21.06.2018 to 27.06.2018  
Organized by  
**Department of Computer Science and Engineering**

VENUE: IBM CENTER OF EXCELLENCE LAB



# Chairman's Message



**Sri Ch. Malla Reddy**  
 Founder Chairman &  
 Hounarable MP of Malkajigiri.

Let us think of education as a means of developing our greatest ability, can be translated into benefit for everyone and greater strength of our society and nation. Nothing can surmount the feeling of satisfaction that I am getting while witnessing dreams being translated into reality. The dream to provide one of the best institutes of technology for students is being realized with the development of Malla Reddy Engineering College (A), year after year. The institute, in a very short span of time, has managed to carve a name in the list of the most reputed institutes of Telugu states. Each new session comes with its own sets of achievement. We have taken the onus to equip ourselves with the skills and tools required to survive in this world of fierce competition. With great deal of pride and satisfaction, I welcome the future generation of Engineers and Technologist to MREC, and I assure you that the institute will provide you the apt launching pad to fly high motivated by great leadership and inspiring faculty members.

Today the world economy is experiencing an unprecedented change. New developments in science and technology, media revolution, internationalization of education and the ever expanding competitive environment are revolutionizing the education scene. A paradigm shift has been noticed in higher education now-a-days, from National education to Global education, from one time education for a few to lifelong education for all, from teacher- centric education to learner centric education. The vision of MREC is to provide affordable, relevant, industry oriented and world class professional education for all. With this aim we have provided the best infrastructure & facilities, highly experienced faculty, hi-tech classrooms & workshops and a dedicated placement cell at a location that is ideally suited for students as well as industry professionals.

**SUCCESS IS A JOURNEY NOT A DESTINATION**

Ensure that you are in the right direction, instead of just at the right speed.

# Principal's Message



**Dr. S. Sudhakara Reddy**  
 M.Tech. MBA., Phd.,  
 LIMISTE, FIE, MISME, Principal

It gives me a great pleasure to bring you Volume-9, Issue-2 of the Innovation Hub. A thought that has been enduring in mind when it becomes real is truly an interesting and exciting experience. This news letter is one such cherished work that has its roots in the persuasion. It would be a snapshot of the various activities and advancements for all associated with MREC (A). Proper communication plays a vital role in institution's development. This news letter will serve to reinforce and allow increased awareness, improved interaction and integration among all of us. I profusely thank the Principal and the management for giving support and encouragement in this endeavor. I welcome suggestions from all our readers who wish to see their ideas incorporated in the subsequent issues. Please feel free to provide your feedback and send pertinent information with photos for inclusion in our forthcoming issues to [newsletter@mrec.ac.in](mailto:newsletter@mrec.ac.in).

# Editor's Desk



**T. Jeevanandam**  
 Assistant Professor of English.

## ర్యాగింగ్ భూతానికి దూరంగా ఉండాలి లక్ష్యసాధనకు ప్రణాళికాబద్ధంగా కృషి చేయాలి

మేధ్య, స్వ్యాసముద్ర: ర్యాగింగ్ చట్ట రీత్యా నేరమును మల్లారెడ్డి కళాశాల ప్రిన్సిపల్ డాక్టర్ సుధాకర్రెడ్డి, పేటెంబీరాజాద్ సీబి రవిచంద్ర అన్నారు. మైసూరుగూడ మల్లారెడ్డి యంత్రవిద్య కళాశాలలో ర్యాగింగ్ పై అవగాహన కార్యక్రమాన్ని నిర్వహించారు. ర్యాగింగ్ కు పాల్పడితే గణనీయ అవకాశం ఉండవచ్చు. పాస్ పోర్టు సైతం పొందడం కష్టమవుతుందన్నారు. సామాజిక మాధ్యమాలలో జాగ్రత్తగా వ్యవహరించాలని సూచించారు. కార్యక్రమంలో డీన్ భనుంజయ్య, డాక్టర్ రాజేశ్వరన్, సమన్వయకర్త సురేంద్రనాథ్ రెడ్డి తదితరులు పాల్గొన్నారు.



ప్రతిజ్ఞ చేస్తున్న ప్రిన్సిపల్, సీబి రవిచంద్ర తదితరులు

మేధ్యలూరల్: విద్యార్థులు తమ భవిష్యత్తు వ్యక్తిత్వ వికాసంపై అవగాహన కలిగించారు. దృష్టిలో ఉంచుకుని ప్రణాళికలు ఏర్పాటు చేసు కుని ఆ దిశగా ముందుకు సాగాలని ప్రముఖ వ్యక్తి త్వ వికాస నిపుణుడు గంపా నాగేశ్వరరావు అన్నారు. మండలంలోని మైసూరుగూడలోని మల్లారెడ్డి ఇంజనీరింగ్ కళాశాలలో గురువారం నిర్వహించిన ఇండక్షన్ కార్యక్రమంలో విద్యార్థులకు విద్యార్థులు దీర్ఘకాలిక లక్ష్యాలను ఏర్పరచుకుని వాటిని సాధించడానికి తగిన ప్రణాళికలతో ముందుకు సాగాలన్నారు. అనంతరం కళాశాల అధ్యక్షులు గంపా నాగేశ్వరరావును కాలవాతో సన్మానించారు. కార్యక్రమంలో ప్రిన్సిపల్ సుధాకర రెడ్డి, డీన్ భనుంజయ్య, విద్యార్థులు పాల్గొన్నారు.

సాక్షి Fri, 27 July 2018  
 epaper.sakshi.com/c/30662980

## సంకల్పం, పట్టుదలతో ముందుకు సాగాలి

మేధ్య, స్వ్యాసముద్ర: ర్యాగింగ్ చట్ట రీత్యా నేరమును మల్లారెడ్డి కళాశాల ప్రిన్సిపల్ డాక్టర్ సుధాకర్రెడ్డి, పేటెంబీరాజాద్ సీబి రవిచంద్ర అన్నారు. మైసూరుగూడ మల్లారెడ్డి యంత్రవిద్య కళాశాలలో ర్యాగింగ్ పై అవగాహన కార్యక్రమాన్ని నిర్వహించారు. ర్యాగింగ్ కు పాల్పడితే గణనీయ అవకాశం ఉండవచ్చు. పాస్ పోర్టు సైతం పొందడం కష్టమవుతుందన్నారు. సామాజిక మాధ్యమాలలో జాగ్రత్తగా వ్యవహరించాలని సూచించారు. కార్యక్రమంలో డీన్ భనుంజయ్య, డాక్టర్ రాజేశ్వరన్, సమన్వయకర్త సురేంద్రనాథ్ రెడ్డి తదితరులు పాల్గొన్నారు.



విద్యార్థులను పట్టుదలతో ముందుకు సాగాలి

## కళాశాల జీవితం విలువైనది

మేధ్య, స్వ్యాసముద్ర: ర్యాగింగ్ చట్ట రీత్యా నేరమును మల్లారెడ్డి కళాశాల ప్రిన్సిపల్ డాక్టర్ సుధాకర్రెడ్డి, పేటెంబీరాజాద్ సీబి రవిచంద్ర అన్నారు. మైసూరుగూడ మల్లారెడ్డి యంత్రవిద్య కళాశాలలో ర్యాగింగ్ పై అవగాహన కార్యక్రమాన్ని నిర్వహించారు. ర్యాగింగ్ కు పాల్పడితే గణనీయ అవకాశం ఉండవచ్చు. పాస్ పోర్టు సైతం పొందడం కష్టమవుతుందన్నారు. సామాజిక మాధ్యమాలలో జాగ్రత్తగా వ్యవహరించాలని సూచించారు. కార్యక్రమంలో డీన్ భనుంజయ్య, డాక్టర్ రాజేశ్వరన్, సమన్వయకర్త సురేంద్రనాథ్ రెడ్డి తదితరులు పాల్గొన్నారు.

- భవిష్యత్ నిర్ణయించే రోజు
- ప్రతిభాశాలకు దూరంగా ఉండాలి
- కీలకమైనవిని కార్యక్రమంలో చేర్చాలి
- ఎంపీ మల్లారెడ్డి

## మాటలతో చెప్పలేని భావాన్ని బొమ్మతో చెప్పాము

మేధ్య, స్వ్యాసముద్ర: ర్యాగింగ్ చట్ట రీత్యా నేరమును మల్లారెడ్డి కళాశాల ప్రిన్సిపల్ డాక్టర్ సుధాకర్రెడ్డి, పేటెంబీరాజాద్ సీబి రవిచంద్ర అన్నారు. మైసూరుగూడ మల్లారెడ్డి యంత్రవిద్య కళాశాలలో ర్యాగింగ్ పై అవగాహన కార్యక్రమాన్ని నిర్వహించారు. ర్యాగింగ్ కు పాల్పడితే గణనీయ అవకాశం ఉండవచ్చు. పాస్ పోర్టు సైతం పొందడం కష్టమవుతుందన్నారు. సామాజిక మాధ్యమాలలో జాగ్రత్తగా వ్యవహరించాలని సూచించారు. కార్యక్రమంలో డీన్ భనుంజయ్య, డాక్టర్ రాజేశ్వరన్, సమన్వయకర్త సురేంద్రనాథ్ రెడ్డి తదితరులు పాల్గొన్నారు.



అభివ్యక్తి, సృజనాత్మకత, సామాజిక అవగాహన

## మల్లారెడ్డి కళాశాలలో సదస్సు

మేధ్య, స్వ్యాసముద్ర: ర్యాగింగ్ చట్ట రీత్యా నేరమును మల్లారెడ్డి కళాశాల ప్రిన్సిపల్ డాక్టర్ సుధాకర్రెడ్డి, పేటెంబీరాజాద్ సీబి రవిచంద్ర అన్నారు. మైసూరుగూడ మల్లారెడ్డి యంత్రవిద్య కళాశాలలో ర్యాగింగ్ పై అవగాహన కార్యక్రమాన్ని నిర్వహించారు. ర్యాగింగ్ కు పాల్పడితే గణనీయ అవకాశం ఉండవచ్చు. పాస్ పోర్టు సైతం పొందడం కష్టమవుతుందన్నారు. సామాజిక మాధ్యమాలలో జాగ్రత్తగా వ్యవహరించాలని సూచించారు. కార్యక్రమంలో డీన్ భనుంజయ్య, డాక్టర్ రాజేశ్వరన్, సమన్వయకర్త సురేంద్రనాథ్ రెడ్డి తదితరులు పాల్గొన్నారు.

**జన హృదయ నేత, విద్యాసంస్థల అధినేత**

**మన శ్రీ సిహెచ్. మల్లారెడ్డి**

(మల్లాజిగిరి పార్లమెంట్ సభ్యులు)

గారికి **జన్మదిన శుభాకాంక్షలు**

**MALLA REDDY ENGINEERING COLLEGE (Autonomous) - Main Campus**

**Principal, Staff & Students**

**Date: 09-09-2018**



# BHARAT SHIKSHA RATAN AWARD TO OUR PRINCIPAL

Happy to share that our beloved Principal **Dr. S.Sudhakara Reddy** has been received the prestigious Bharath Shiksha Ratan award on 7th April 2018 at New Delhi. He has been actively involved in Engineering Education in the areas of teaching, research, and educational administration. He has laid extensive efforts on maintaining higher standards of education as a model teacher with exemplary services. In this context he was awarded for his dedication and contribution towards growth of higher education. Principal **Dr. S.Sudhakara Reddy** said that we are very happy to receive a unique Indian prestigeous award. The award was presented by the Honorable Chief Minister of Uttarakhand Sri Harish Rawat at the Global Society for Health and Educational Growth and Admission in New Delhi.



*Heartly congratulations to our principal, Dr. S.SUDHAKARA REDDY*



## సుధాకర్రెడ్డికి జాతీయ భారత శిక్షా రత్న పురస్కారం

దేశీ విశిష్టమైన జాతీయ స్థాయి భారత శిక్షా రత్న పురస్కారం దక్కింది. దేశ రాజధాని ఢిల్లీలో గ్లోబల్ సాస్టేబుల్ ఫర్ హెల్త్ అండ్ ఎడ్యుకేషనల్ గ్రోత్ ఆదర్స్లో జనవారం నిర్వహించిన ఈ కార్యక్రమంలో ఉత్తరాఖండ్ మాజీ సీఎం హరీశ్ రావత్ ఈ పురస్కారాన్ని అందజేశారు. ఈ సందర్భంగా ప్రీన్సిపాల్ సుధాకర్రెడ్డి మాట్లాడుతూ... విశిష్టమైన భారత శిక్షా రత్న పురస్కారం అందుకోవడం సంతోషంగా ఉందన్నారు. ప్రీన్సిపాల్ సుధాకర్రెడ్డికి ఈ అవార్డు రావడం గర్వంగా ఉందని మల్లా రెడ్డి ఇంజనీరింగ్ కళాశాల ప్రీన్సిపాల్ సుధాకర్రెడ్డి అభినందించారు.

# Orientation Day



**T**he Orientation Programme is designed to facilitate the academic, cultural and social adjustment of the first year commencing students. The programme activities are linked to the key

strategic goals of the college, namely enhancing the Student Experience, developing excellence in learning and teaching, and encouraging participation of students from diverse cultural and social backgrounds. Malla Reddy Engineering College organized orientation programme for the newly admitted B.Tech students and it provide parents and students awareness on the academic aspects of the course, the rules and regulations of the Institute and for ensuring parental participation in monitoring the performance and progress of the students.

Founder chairman and honourable M.P of Malkajgiri constituency sri Ch.Malla Reddy was the chief guest. He conveyed parents to take meticulous care of their wards and advised students to develop passion for learning, observation to fulfil their parents' expectations. The principal Dr.Sudhakara Reddy explained about newly introduced semester system (CBCS). The Principal in his speech conveyed students to attend college regularly and work hard to become successful professionals in future and advised parents to monitor their wards performance to excel in their academics. Around 1500 students and parents participated in Induction programme. Dr.Ch.Preeti Reddy, Managing Director of Malla Reddy health City gave advice to the students to be healthy and maintain healthy competition in academics as well.



## A Talk on Personality Development by **GAMPA NAGESWER RAO**



As a part of Induction programme for the I B.Tech students, the motivational talk on Personality Development was conducted in the MREC Campus. The resource person, Sri Gamba Nageshwara Rao addressed the students and made valuable suggestions. He said that students should focus on their future and build short-term and long-term goals and make appropriate plans to achieve them. Personality development plays an important role in developing not only your outer but also inner self. Human being is a social animal. One needs people around. An individual needs to have that magnetic power which attracts people towards him. You need to have that charisma of yours. Personality development helps you gain recognition and acceptance from the society as well as people around. Personality development plays an essential role not only in an individual's professional but also personal lives. It makes an individual disciplined, punctual and an asset for his/her organization. An indisciplined individual finds it difficult to survive in the long run. Personality development teaches you to respect not only your Boss and fellow workers but also family members, friends, neighbours, relatives and so on. Never make fun of anyone at the workplace. Avoid criticizing and making fun of your fellow workers. The first year B.Tech dean Dr Dhanunjana Chari felicitated the speaker with a memento and a shawl.





# IUCEE LEADERSHIP SUMMIT-2019

**I**ndo Universal Collaboration for Engineering Education (IUCEE) was conceptualized by over 150 leaders of engineering education and businesses from US and India in 2007. IUCEE is one of the founder members of IFEES (International Federation for Engineering Education Societies), which was the primary facilitator for the growth and development of IUCEE. The vision of IUCEE is to improve the quality and global relevance of engineering education and research in India with related benefits to engineering educators around the world. The major focus is on faculty development, student development, curriculum development, as well as improved teaching technologies & engineering education research.

On behalf of MREC (A) our beloved principal Dr. S.Sudhakara Reddy has participated in this IUCEE Leadership Summit 2019 during July 19 to 21 at Goa. There Principal Dr. S.Sudhakara Reddy met Professor Hans Hoyer and professor Krishna Vedula and other eminent persons.



Principal said that IUCEE is making very good efforts to boost the Engineering Curriculum through these Conferences, Workshops and Webinars. The Engineering Faculty and students are getting its true efforts and so the Industries and research organizations are benefited, since they get better trained engineers. In true sense the efforts made by IUCEE very useful to prepare tomorrow's future engineers equipped with modern advanced tools and skills. Thanks to IUCEE and Prof. Dr. Krishna Vedula.

## One day workshop on "Recent advances in Higher and Technical Education."



**O**ne day workshop was conducted by JNTUH exclusively for college principals on 9th August 2018 sponsored by UGC (University Grants

Commission) Human Resources Development Centre.

The higher education occupies a crucial position in education system of a nation as it affects the overall development of a country. The quality assurance refers to the process of maintaining standards reliably and consistently by applying criteria of success in an Institution. Hence

everyone in Higher and Technical Education has a responsibility for enhancing and maintaining the quality of education. To make quality the defining element of Higher Education / Technical Education in India NAAC / NBA formulated its vision, mission and core values which are appropriate and suitable to the national context. To keep pace with the current technological revolution, the institutions in Higher and Technical Education must change. This workshop introduces the role of the Academic Leadership for meeting today's Higher and Technical Education Challenges and also leveraging technology trends in education. Our Principal Dr. S. Sudhakara Reddy has attended this workshop on 'Recent advances in Higher and Technical Education', on 9th Aug 2018.

# ANTI RAGGING AND ANTI-DRUG AWARENESS PROGRAMME



This programme was conducted in our college MREC (A) and on this occasion our Principal Dr.S.Sudhakara Reddy said that ragging is a criminal offense and rationalizing of a fellow student. Dr. S. Sudhakara Reddy told that the junior students will be coming to the college campus with a variety of fears and doubts, and it is the responsibility of the senior students to help juniors and maintain friendly nature. Our Principal Dr.S.Sudhakara Reddy thanked the Pate Bashirabad CI Sri Ravi Chandra, who agreed to explain the effects of drugs and drug use in the present society.

# AKSHARA 2K18

The event AKSHARA 2K18 was conducted in our college on 12th and 13th of April 2018. This AKSHARA event plays an important role in the college curriculum. It is one such event where young brains get to showcase their skills and compete with others to find the best. It is not just about the competitions but also an event where a lot of those new ideas are seen live and learn more and be inspired. Such inspiring events that happen every year in our college will guide engineers to dream bigger and make those dreams come true. On the occasion of AKSHARA 2K18, our principal Dr. S. Sudhakara Reddy said that our college MREC (A) organizes technical and cultural fame in the name of 'Akshara'. We do conduct this Akshara on every year to develop awareness about new technologies to enhance the leadership qualities and management efficiency in students. The Program coordinators Dr. Gunasekaran and Dr. Prasanna kumar said that as part of this Akshara2k 18 event, research and development skills, presentation skills, short films and Treasure Hunt were conducted in the field of science and technology. About 1500 students from various colleges participated in this program. The special attraction of this event was 'Mr and Miss Akshara program.



# RESONANZZ 2K18

Annual Day forms an integral part of our school activities. It is an occasion of celebration, felicitation, feast and festivity when students present not only their wonderful performances but also receive honours for their curricular and co-curricular achievements. The Annual Prize Distribution function was a moment of pride and honour for all the winners and achievers of the college. The students were awarded prizes in the Academic as well as Co-Curricular areas. Dr.S.Sudhakara Reddy, the Principal of MREC (A) presented the Annual Report, focusing on the college's achievements. The dignitaries read the message and gave the credit to the college for its achievements and expressed satisfaction over the growth. The guest of honour Rmesh Chandak, Programme Director of Microsoft has expressed his happiness on the occasion. The



chief guest and founder chairman was stood as a special attraction.

# PHOTO GALLERY



Assistant Professor **Dr. Shashi Kanth Varma** from Mechanical Engineering has published an article on the topic **“Waste - to - Energy and Save Environment”** in The Hitavada YOUTH ZONE News paper.

Here is his writing...

**I**n our daily life we do make lot of wastes, which is increasing gradually from ever home as well as business. Have you ever think, where our waste go? It is going to our river, hilly areas, and open spaces for garden where the people spend some quality time with family. The waste management there are several methods such as composting, landfill, waste minimization, reuse, recycling, and waste – to – energy or energy – from – waste where we can utilize it. In general, it is a process of creating energy in the form of electricity and fire from waste. In some country like china, Japan there is wastes – to – energy plants are operating. They are fuelled by several million tones of municipal solid waste and have generating capacity several MW of electricity. There are a lot of benefits when using waste – to – energy such as energy production, reduction of green house gases, alternative to land filling of non-recyclable wastes. So start small, for BIG result and start now, for better future. For the development of any country the environment, economy, energy plays a major role and waste characteristics affect the whole word. For the better tomorrow, we have to assess the present and future technologies for environmental aspects and resource recovery. We can use biological and thermal option.



AICTE-ISTE Sponsored  
**6 Day Refresher Programme on**  
**ENGINEERING DRAWING -**  
**AN EFFECTIVE TEACHING METHODOLOGY**



02-07 July 2018



Organized by  
**Department of Mechanical Engineering**  
**MALLA REDDY ENGINEERING COLLEGE**  
 (Autonomous) Main Campus, An UGC Autonomos Institution,



Approved by AICTE & Affiliated to JNTUH - Hyderabad, Reaccredited by NAAC with 'A' Grade (IICycle)  
 Maisammaguda, Dhulapally (Post Via Kompally), Secunderabad - 500 100, Telangana, India.

[www.mrec.ac.in](http://www.mrec.ac.in)

# INTERNATIONAL YOGA DAY

Yoga day was started in 2015 by the genuine effort made by the Prime Minister of India, Narendra Modi! And, it is celebrated every year on 21st of June. Yoga is that medicine that has the power to cure any disease of the Universe, even those which cannot be cured by the prescription of Doctor. Including Yoga in everyday life is one of the healthiest practice people can ever make. It not only makes you physically well but will calm your mind and soul.

**Dr.S.Sudhakara Reddy**, Principal of MREC (A) reckoned many benefits of early rising and practicing yoga.

Speaking to the assembly he also pointed out the contribution of yoga in maintaining fitness and good health and how it helps students to memorize something and understand a concept and its context. He said that yoga is the scientific way of living healthy and increasing life expectancy. The students and staff are invited to participate in these unique events to learn the techniques of harnessing their energies and directing the same to achieve ones goal and lead a stress-free life and get awakened.



# GRADUATION DAY

**W**ith the deterministic will to succeed, perseverance and unstinted efforts an ordinary man can climb up to the extra ordinary positions remarked Mr. Ch. Malla Reddy, Honourable M.P of Malkajgiri constituency and founder chairman. Malla Reddy Engineering College (Autonomous) organized the 13th Graduation, Placement and Alumni ceremony. Speaking on the occasion as Chief Guest, Mr. Ch. Malla Reddy mentioned that a wholehearted approach is required for achieving the goal and added that his own development from an ordinary agriculture base family to the position of M.P. of India's largest constituency can be emulated by the students.

Principal Dr.S.Sudhakara Reddy expressed his happiness on the

occasion and mentioned that around 930 students got UG degree while 170 students got PG degree in the Graduation ceremony. After the students took oath that the knowledge they gained shall be utilized for the benefit of the society and that they shall uphold the values of integrity, dedication and sincerity enjoined on them by the college, Dr. S. Sudhakara Reddy declared that the students became graduates, amidst the applause by one and all. Guest of honour, Dr. Kamakshi Prasad, Director of Evaluation, JNTU Hyderabad congratulated the students and advised them to be lifelong learners as the technology is fast changing. He wished that the students elevate to higher positions in their lives, imbibing the qualities like commitment and sincerity.

# FRESHERS' DAY CELEBRATIONS



Fresher's party is conducted every year at MREC (A), for welcoming the new students joined in our college. This engaging programme is conducted to develop a bonding between the new students and the college, and it is also important in establishing

friendly relations between the junior and senior students. The juniors and seniors interact with each other, know about their interests and have a cool chat. Later on, they enjoy sumptuous dinner and get immersed in the cultural activities framed for

having utmost fun. Fresher's day is an event to collaborate newly admitted students and seniors. It's an opportunity for fresher's to know the seniors and find out their experiences.

Independence Day is an annual observance celebrated every year on 15th of August. This year in 2018, MREC (A) celebrated the 72nd Independence Day to pay tribute and remember all the freedom fighters that had contributed a lot and fought for the Independence of India. Speaking on this occasion our principal Dr.S.Sudhakara Reddy said that it was not so easy for the India to get freedom from the Britishers however; various great people and freedom fighters of India made it a truth. They had sacrificed their lives in attaining the freedom for their future generations

# INDEPENDENCE DAY CELEBRATIONS

# TEACHERS' DAY CELEBRATIONS

5th September is the birth anniversary of a great teacher Dr. Sarvepalli Radhakrishnan, who was a staunch believer of education, and was a well-known diplomat, scholar, the President of India and above all, a teacher.

Our principal Dr.S.Sudhakara Reddy said that Teachers lay the foundation of a civilized and progressive society. Their dedicated work and the pain they encounter to ensure that students turn out to be enlightened citizens deserve high recognition. A special day to revere teachers is undeniably inspiring. Teaching is not just a profession. It is a divine responsibility to guide and enlighten," Principal said in his message of greetings. Happy Teachers Day to all teachers.



24. A Workshop was conducted in our department, **CISCO (CCNA MODULES – I & II)** on 12/03/18 to 16/03/18. The resource persons were **P. Venkateshwar Rao** and **A. Lakshaman** MREC (A).
25. **C. Silpa**, Associate Professor has participated in a workshop entitled "**Sensitization Workshop for the Principals and Coordinators of Affiliated Engineering Colleges on Induction Programme**" on 15/03/18.
26. **T. Ravi Theja**, Assistant Professor has published a paper "**Secured ATM Transaction Using Stegano PIN**" in the journal International Journal for Research in Applied Science & Engineering Technology (IJRASET).
27. **G. Bharathi Subhashini**, Assistant Professor has published a paper titled "**Design of 64-Bit Reversible BCD Add-Subtract Unit using Parallel and Pipelined Method**".
28. **T. Surender Reddy**, Assistant Professor has published a papers titled "**An Advanced Ambulance Rescue System Using Prioritized Traffic Switching**" and "**Raspberry PI Based Advanced Security System Using IOT**".
29. **B. Kalpana**, Assistant Professor has published a paper titled "**An efficient design for Data Encryption and Decryption using Reconfigurable Reversible Logic Gates**".
30. **V. Srinivas**, Assistant Professor has published a paper titled "**A Novel Realization and Synthesis of Ternary Content-Addressable Memory (TCAM) Design Using Reversible Circuits**".

# MECHANICAL DEPARTMENT

## PUBLICATION:

1. **Mr. B. Dinesh Naik, Mr.N. Srinivasa Rajneesh**, Associate Professor have published a paper entitled "Design and Finite Element Analysis of a Gas Turbine Blade in the journal International Journal of Research (IJR).
2. Assistant Professors **Mr. K. Joel Ashirvadam, Mr. K. Bharadwaja** have published a paper entitled "Design and Analysis of Heat Exchanger in Temperature Distribution and Pressure Drop" in the journal International Journal of Advance Engineering and Research Development (IJAERD).
3. Assistant Professors **Ms. K. Keerthi Sree, Dr. Yogesh Madaria** has published a paper entitled "CFD Analysis and Comparison of Fluid Flow through Conical Orifice Plate and Standard Orifice Plate at Different Reynolds Numbers".
4. Assistant Professors **Mr. V. Raja Ravi Teja, Mr. G. Ravi Kumar** have published a paper entitled "Analytical and Experimental Investigations of Evaporator with R30 – R160 Mixture"
5. Assistant Professor **Dr. Yogesh Madaria** participated in a Workshop titled "Formula Kary Design Challenge Season 2" on 17th to 19th March 2018.
6. Associate Professor **Mr. V. Narasimha Reddy** has participated in Refresher Course on 15th March 2018.

7. **Dr. C. Anna Palagan** and **M. Kranthi Kumar** Assistant Professor have published a paper titled **"Separation of speech signals and noise suppression by using short time Fourier transform"**, (ICSPCET-2018) Page no 95-99, & 95-99, 2018.
8. **Mr. B.Anjaneyulu**, Assistant Professor has published a paper titled **"Reconfigurable Software Defined Radio and its applications"**, (ICSPCET-2018) Page 61-68, 2018.
9. **G. Bharathi Subhashini**, Assistant Professor has published a paper titled **"Ultra Low Power VLSI Design: a Review"**, (ICSPCET-2018) Page no100-104, 2018.
10. **N. Pandu Ranga Reddy** and **Vutkuri Srinivas** Assistant Professors have published a paper titled **"Fault Tolerant Parallel FFTs Using Error Correction Codes and Parseval Checks"**, (ICSPCET-2018) Page no 111-118, 2018.
11. **Manohar Mohanta**, Assistant Professor has published a paper titled **"VHDL Implementation of High Speed and Low Power BIST Based Vedic Multiplier"**, (ICSPCET-2018) Page no 105-108, 2018, 119-122, 2018.
12. **P. Bhuvaneshwari**, Assistant Professor has published a paper titled **"Design of Sliced Processor Using RAP-CLA"**, (ICSPCET-2018) Page no 105-108, 2018.
13. **K Viswanath**, Assistant Professor has published a paper titled **"Extraction of Sclera Blood Vessels Using Active 119 20180403 Contours without Edges"**, (ICSPCET-2018) Page no 119-122, 2018.
14. **G. Soundarya**, Assistant Professor has published a paper titled **"Design and optimization of Digital circuit using Gate Diffusion Input"**, (ICSPCET-2018) Page no 100-104, 2018.
15. **A. Manikanadan**, Assistant Professor has published a paper titled **"Detection of Brain Tumour Using Probabilistic Neural Network (PNN)"**, (ICSPCET-2018) Page no 16-20, 2018.
16. **S. Sathiyapriya**, Assistant Professor has published a paper titled **"Design and**

**implementation of Dadda multiplier for image applications"**, (ICSPCET-2018) Page no 21-25, 2018.

17. **R. Sangeeta**, Assistant Professor has published a paper titled **"Design of Sample Rate Converter for a Software Radio Receiver on FPGA"**, (ICSPCET-2018) Page no 26-30, 2018.
18. **K.C.Abhirami**, Assistant Professor has published a paper titled **"Low Power Digitalized Wireless Electronic Notice Board Using Raspberry pi and Python"**, (ICSPCET-2018) Page no 11-15, 2018.
19. **N. Deepak**, Assistant Professor has published a paper titled **"Ultra Low Cost Power Loss Detection Technique GSM Module in Rural Areas in India"**, (ICSPCET-2018) Page no 16-20, 2018.
20. A Seminar was conducted in our department, titled **QEEE** session on **"Discrete Time Signals"** on 5/03/18, 12/03/18 & 13/03/18. The resource person was Professor, **David Koilpillai**, and IIT Madras.
21. A Seminar was conducted in our department, titled **"International Women's Day"** on 8/03/2018. The resource person was **Mrs. Shalini**.
22. A Workshop was conducted in our department, titled **"Five Day training program on Labview"** on 12/03/18 to 16/03/18. The resource person was **M.Vijay Chander**, NI Labview Academy.
23. A Workshop was conducted in our department, titled Six Day training program on **DEVOPS"** on 19/03/18 to 24/03/18. The resource person was **Aamir Ahmed**, Bangalore.



## EEE DEPARTMENT

1. Dr.M.Maheswari, Professor has participated in a conference titled "A case study on Flexibility in Academic Autonomy in Higher Educational Institutions" on January 4,5 &6 2018.
2. Dr.S.Arumugam Professor has participated in a conference titled "Online Examinations to Undergraduate Engineering students: A case study in an Autonomous Institutions" on January 8 &9 2018.
3. Professors, Dr.M.Lakshmiswarupa, Dr.M.Maheswari, and Mr. P.Ganesh have participated in an International Conference (ICETESE) titled Modelling and Design of Hybrid Electric Vehicle in SIMULINK environment.
4. Assistant Professor Mr. Ch. Narendra Kumar, Mrs. K.Neelima Praveena, Mrs. Y. Sudha

Reddy have participated in FDP titled "IUCEE International Engineering Educator Pre-Certification Workshop" on February 03-06, 2018.

### Research Publications

1. Dr.M.Maheswari, Professor has published a paper titled "A case study on Flexibility in Academic Autonomy in Higher Educational Institutions" in the Journal of Engineering Education Transformations.
2. Dr.S.Arumugam, Professor has published a paper titled "Online Examinations to Undergraduate Engineering students: A case study in an Autonomous Institution" the Journal of Engineering Education Transformations.

## H&S DEPARTMENT



**Mr. Hemanth Kumar**, Assistant Professor in English department has been awarded PhD from Andhra University, Vishakapatnam. He submitted his thesis titled "Feminine sensibility in the selected novels of Kavery Nambisan".

- Mr T. Jeevanandam, Assistant professor in English department has been qualified TS-SET (State Eligibility Test) 2018.
- Mr Y. Suresh Kumar, Assistant professor in Mathematics department has been qualified TS-SET (State Eligibility Test) 2018.



**Mr. Anjaiah**, Assistant Professor in English department has been awarded PhD from EFLU (English and Foreign Languages University), Hyderabad .He submitted his thesis titled "Using Writing Conferences to Develop Writing Skills at Tertiary Level": An Experimental Study.



## MBA DEPARTMENT

- MBA faculty members have participated in FDP (Faculty Development Programme) entitled "Sharpening Teaching Competence" during 25-05-2018 to 26-05-2018 in the MREC (A) campus.
- Faculty Dr.K.Anil Kumar has published a paper in an International Conference on Recent Trends in Engineering & Technology Organized by Samskruthi College of Engineering & Technology on 28 & 29 July. The title of the paper was "A Study on Employee Retention at Big Bazaar, Ameerpet, Hyderabad".
- B.Kiran Kumar Reddy, Assistant Professor has published a paper entitled "A REPORT ON EQUITY ANALYSIS TELECOMMUNICATION SECTOR" in International Journal of Engineering, Technology, Science and Research , ISSN 2394-3386
- P.Sneha Assistant Professor has published papers titled "PERFORMANCE OF REGIONAL RURAL BANKS A STUDY ON ANDHRA PRAGATHI GRAMEENA BANK" and "A STUDY ON RISK AND RETURN ANALYSIS WITH REFERENCE TO GOLD AND SILVER", in International Journal of Engineering, Technology, Science and Research ISSN 2394-3386.
- K. Dhana Lakshmi Assistant Professor has published papers entitled "A STUDY OF EQUITY SHARE VOLATILITY OF SELECTED CEMENT FIRMS" and "A STUDY ON EQUITY ANALYSIS WITH REFERENCE TO CEMENT SECTOR TO KOTAK SECURITIES."
- D. Sandhya Assistant Professor has published papers entitled "A STUDY ON CAPITAL BUDGETING TECHNIQUES AT ULTRA TECH CEMENT" and "A STUDY ON INVENTORY MANAGEMENT SYSTEM" in IJETSRS.
- Vamshi Krishna Assistant Professor has published papers entitled "A STUDY ON INVENTORY MANAGEMENT AT AGI GLASPAC" and "A STUDY ON CASH FLOW STATEMENT ANALYSIS" in IJETSRS.
- M.BALANJI REDDY Assistant Professor has published papers entitled "A STUDY ON FUNDS FLOW STATEMENT", "A STUDY ON INVESTMENT AND PORTFOLIO MANAGEMENT AT KARVY", "A STUDY ON CASH FLOW STATEMENT ANALYSIS", "A STUDY ON FINANCIAL PERFORMANCE ANALYSIS ON CONSTRUCTION COMPANY", "A REPORT ON RISK AND RETURN ANALYSIS OF INSURANCE SECTOR", "A study on inventory management at fine cab wires and cables Pvt Ltd", and "A STUDY ON CASH FLOW STATEMENT IN ultratech LTD" in IJETSRS.
- P.BUELA PRASANNA KUMARI Assistant Professor has published papers entitled "A STUDY ON EMPLOYEE MOTIVATION" and "A STUDY ON EMPLOYEE ABSENTEESAM" in IJETSRS.
- DR.K. ANIL KUMAR Assistant Professor has published a paper entitled "A STUDY ON EMPLOYEE RETENTION" in IJETSRS.
- PRAJITHA Assistant Professor has published papers entitled "A STUDY ON CUSTOMER RELATIONSHIP MANAGEMENT" and "A STUDY ON PERFORMANCE OF TRANSPORTATION LOGISTICS" in IJETSRS.
- K. NEERAJA Associate Professor has published a paper entitled "A STUDY ON NON PERFORMING ASSETS" in IJERM, ISSN 2348-4918

❖ Students & Institutional membership - Hyderabad Management Association (HMA) inaugurated on 06-03-2018.

❖ Students & Institutional membership - Indian Society for Training & Development (ISTD) inaugurated on 31-03-2018.

## CIVIL DEPARTMENT

- Gayatri Upadhyay, Assistant Professor has participated in One day workshop on "Recent Advances in Geo-technical Engineering" on 24th march 2018.
- Jyothsna G, Assistant Professor has participated in One day workshop on "Recent Advances in Geo-technical Engineering" on 24th march 2018.

- Mr.D.Krishna Kishore,** Assistant Professor and **Mrs Ahalya Rani** Associate Professor has participated in FDP (Faculty Development Programme) entitled "DATABASE PROGRAMMING WITH PL/SQL" on 23/04/2018 to 27/04/2018.
- Mr. Arun Kumar,** Assistant Professor has participated in FDP (Faculty Development

## CSE DEPARTMENT

Programme) entitled "RESEARCH METHODOLOGY" on 30 April 2018 to 5 May 2018.

- A Conference entitled "ICCNIT" on 16-3-2018 and 17-3-2018. The resource person **Dr. Prathap Reddy,** Assoc. Professor of ECE Department, JNTU Hyderabad.

## ECE DEPARTMENT

- Assistant & Associate Professors, **G.Prasanna Kumar, Gouri Shankar Sharma, C.Silpa, Dr.S.Madhubabu, T.Raviteja, Vudutala Srinivas, A.Rama Satya Balaji,** have participated in seminars titled "RF & Microwave Seminar" and "MATLAB EXPO 2018" at HICC(Hyderabad Innovation Convention Center)
- T. Surender Reddy,** Assistant Professor has participated in Refresher Course named Prayog Vasanth, Exhibition of Engineering Exploration Course project" at KLE Technological University, Hubballi, Karnataka
- Mrs.P. Indrani,** Associate Professor and **Dr. N. Subbulakshmi,** Associate Professor have published papers titled International Conference on "Signal Processing, Communications, Embedded & VLSI Technologies" (ICSPCET-2018), Page no 69-75, 2018.
- Associate Professor **Dr. T. Srinivas Reddy** has published a paper titled "Analysis and DNA Microarray image segmentation based on Hough circle transform" and "PEVFB: PEV based Filter Bank for Hearing aid Application" in the journal International Conference on "Signal Processing, Communications, Embedded & VLSI Technologies" (ICSPCET-2018), Page no 76-80, 2018
- Dr. K. Rajendra Prasad,** Assistant Professor has published a paper titled "VLSI Implementation of Secure Communications in Distributed RFID Systems", Page no 81-84, 2018.
- Dr. A. Pradeep Kumar,** Assistant Professor has published a paper titled "Design and Implementation of Drivers in Clock-Tree for Noise Reduction in Power Supply", (ICSPCET-2018) Page no 85-89, 2018.