

your roots to success...

# NRCM PULSE

News Letter of NRCM

Vol-1 Issue-1 (April -2019)



**Sri J. Narsimha Reddy**  
Chairman, NRCM

#### Chairman's Message :

It gives immense pleasure and satisfaction that Narshima Reddy Engineering College has come up with the first issue of the college Newsletter .I believe that the newsletter will definitely serve as a window through which the complete profile of the academic and co-curricular activities achievements and progress made during the stipulated period can be viewed



**Mr. J. Thrilok Reddy**  
Treasurer, NRCM

#### Treasurer's Message :

Our Narsimha Reddy Engineering College is one of the best engineering institutions in Telengana. To serve this institution as Treasurer is a good experience for me. The college has made tremendous progress in diversified fields, thanks to the contributions from philanthropists, technology experts, research centers, dedicated staff and the continuous support of the Board members



**Mr. J. Trishul Reddy**  
Secretary, NRCM

#### Secretary's Message :

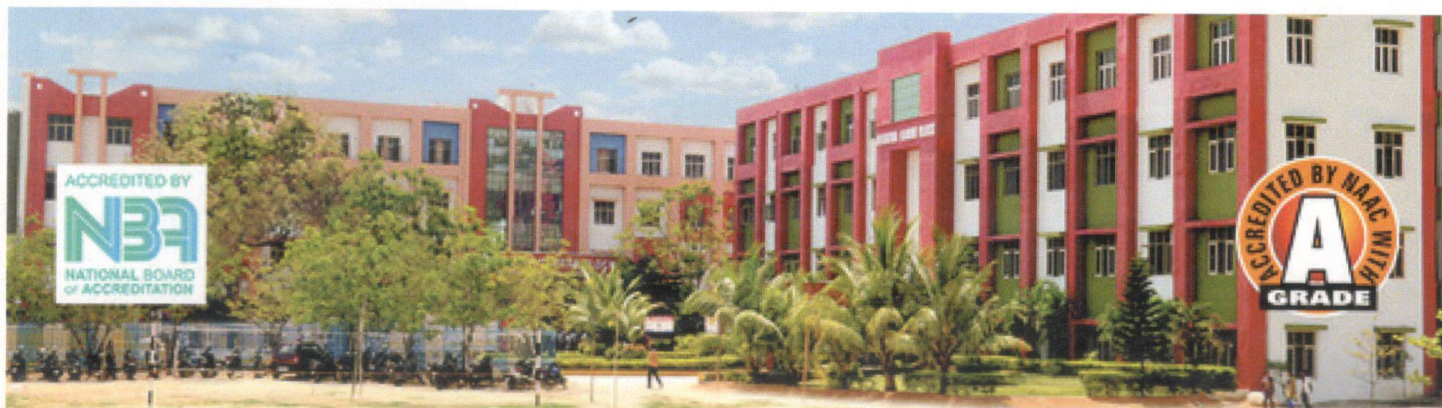
The aim of education at Narsimha Reddy Engineering College is to develop higher competencies in students to inculcate moral values. Students who enter our institution comes out with the academic excellence, personality development, excellent communication skills, leadership qualities and self discipline. In a nutshell, the focus has been creating a versatile personalities to meet the requirement of the competitive environment, offering multidimensional exposure to the students for a rewarding and fruitful career ahead.



**Dr. P. Sekhar Babu**  
Principal, NRCM

#### Principal's Message:

The Narsimha Reddy Engineering College is an institution which happily brings together sound academic achievements with extensive vibrant co-curricular activities that inculcate sports and leadership qualities and training program which is helpful for placements. It is a great pleasure that we bring out the first issue of yearly newsletter of NRCM.





## ABOUT NRCM

Narsimha Reddy Engineering College is promoted and managed under the inspiring and vigorous Chairmanship of Sri Jakkula Narsimha Reddy and fleet of committed members. This is the first institution belonging to Jakkula Educational Society which was established in 2007 to serve the people of this backward region of the state. The institution is developed strictly in accordance with the provisions of governing rules and conditions of approving bodies. NRCM aspire to establish a system of quality assurance on a continuous basis evaluation, monitoring the quality of education and training imparted at the institution and strive for improvising teaching and learning process to make NRCM center of Excellence.

This institute is built up on the spacious campus, aesthetically and articulately designed with lush green gardens & landscape. The ideally architecture buildings in the campus add to the overall beauty & elegance of our institute. It provides an ideal ambience to the budding engineers to shape their career, by imbibing knowledge under the careful observation of the Principal & the dedicated faculty.

The institute has total built up area of around 200000 sq ft., with well-designed airy Classrooms, Laboratories, Seminar hall, Conference hall and Administrative section. The built up area is well above the requirement, prescribed by the All India Council for Technical Education, New Delhi. The overall idea is to make place of learning more comfortable, convenient and ideal for the students. The management has a vision to convert general classrooms into E-classrooms, soon.

This institute is ideally located at Maisamma Guda, Secunderabad, Ranga Reddy District and is just at a distance of 15 km from Secunderabad. This institute is well connected by RTC Buses. Our College buses are available from the twin cities Secunderabad and Hyderabad to the College.

Every care and effort is taken to assist our students acquire a wide spectrum of technical knowledge and also to become good human beings - Committed to serve the Society.

### HODs:

- 1.Prof.B.Sudharshan Reddy – CE
- 2.Dr.Sayanti Chatterjee – EEE
- 3.Dr.V.P.Venkataramana Murthy – ME
- 4.Dr.Matta.J.Chandra Prasad – ECE
- 5.Dr.U.M.Fernandes Dimlo –CSE
- 6.Dr.Shailendra Yadav – MBA
- 7.Dr.P.Venkat Rao – H&S

### Committees:

- 1.College Academic Committee
- 2.Hostel Committee
- 3.Finance and Planning Committee
- 4.Grievance and Redressal Committee
- 5.Woman Grievance Committee
- 6.Newsletter Committee
- 7.Library Committee
- 8.Online Grievances Cell





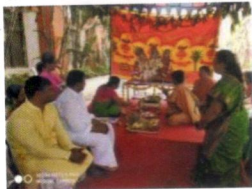
## ETHNIC DAY – 2019

Ethnic day is a day to celebrate the cultures of different traditions and customs together on a single day. In the globalised world, “world is one” yet we all carry different identities represented by what we wear believe and celebrate. **Ethnic** means relating to different racial or cultural groups of people. **Ethnic** clothing, music, or food is characteristic of the traditions of a particular **ethnic** group, and different from what is usually found in modern Western culture and here it is known ways of culture and tradition and learning process.

Young generation should know our culture and tradition which teaches us values and morals. These stand as pillars for their development. Ethnicity comes from a group of people who share a different Culture, religion and backgrounds. By celebrating ethnic day students and faculties comes to know about other traditions and cultures also.

Our Narsimha Reddy Engineering College celebrated Ethnic day on 8<sup>th</sup> March 2019. Students were enthusiastic to celebrate this day. Students started mingling with each other, worked together, exchanged ideas and implemented them. Team work and sharing responsibilities are clearly depicted. They showed whatever they have learnt.

Humanities and Sciences Department celebrated Sri Rama Navami, Mechanical Dept performed Ganesh Puja as well as Ganesh Homam, Electrical and electronics Dept celebrated Dushera, Civil Dept. celebrated Sri Krishna Janmashtami, Computer Science Engineering Dept. celebrated Sankranthi, Electronics and communication Engineering Dept. celebrated Bonalu festival and MBA Dept. celebrated New Year Festival Ugadhi. It depicted division of work and communicating each other.



Sri Rama Navami



Bonalu



Sankranthi



Sri Krishna Janmashtami



Vinayaka Chavathi



Dushera

## TECHFEST -2019 AVISHKARANA-2K19

Narsimha Reddy Engineering college has delighted to celebrate National Level student technical Symposium AVISHKARANA- 2K19 on 9<sup>th</sup> March 2019. Engineering students from different engineering colleges participated enthusiastically in the technical fest. Students have participated in various events of technical fest like Paper presentation, poster presentation rapid fire, quiz and Gadget Review, Circuit designing, project expo, live photography, Water rocketry, wall painting, debate and advertisements.

Dr Kamakshi Prasad garu, Director of Evaluation, JNTUH who came as Chief guest praised NRCM Family on the occasion of ethnic day all festivals were celebrating one day before Techfest which in turn became role model for upcoming generations. He addressed students on this occasion for their energy in arranging all the events and said to utilize every minute in participating in all the events.



ANNUAL DAY -2018

GRADUATION DAY-2018



Annual day forms an integral part of our college 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. This program really leaves a great impact on students. The journey of the event never ends because the college almost gets every month something to celebrate for the students' entertainment. The talented students presented mesmerizing cultural events such as dance, drama, etc., Finally it is said as the day of celebrations and remembrance of the past achievements and look forward to the journey ahead.



Graduation is a day of getting a diploma or academic degree or the ceremony that is sometimes associated with it in which students become graduates. The date of graduation is often called Graduation Day. The Graduation Day ceremony is a reversed ritual in educational institution which explains the new beginning. It is a significance of achievement on the occasion "NRCM" as conducted "Graduation Convocation" the chief guest of the occasion is JNTUH Rector Dr. A. Govardhan addressed the graduates with an inspiring speech and followed by our beloved Principal Dr. Shekar Babu garu motivated the students to achieve further goals in their life.



### NATIONAL SERVICE SCHEME (NSS)

With the goal to work for the betterment of society and instill the spirit of social service among the young students, NRCM established NSS cell at institute level headed by faculty in-charge, NRCM currently has over 100 active members from different disciplines working rigorously for community healthcare, literacy drives, environmental protection, blood donation camps and informative lecture on human values are organized regularly. The aim of the organization is to produce engineers, who are socially responsible and work for the development of nation.



### INDEPENDENCE DAY

Independence day at NRCM was an event that stirred up with patriotic feeling of everyone present on the occasion the Chairman hoisted the flag and delivered a speech exhorting students to take India as a bright future and the day was also commemorated by the rendition of patriot songs by the students and delivery of speeches by faculty and students.

### REPUBLIC DAY

Republic day was marked by the unfurling of the national flag by the Chairman. In his speech the Principal mentioned the significance of the day to the students and the staff. Both students and staff gathered on the occasion and celebrated the day with determination to take NRCM to greater heights.





## SWACHH BHARAT

Swachh Barath Abhiyan or mission is a national wide campaign in India. That aims to clean up the street roads, infrastructure of Indian cities, towns and rural areas. This mission is to run by the Government of India which aims to achieve an 'Open Defecation Free' India. This mission will also contributed to India reaching sustainable development goal as a part of this campaign. Our NRCM has conducted a small campaign to bring awareness among students and help them to succeed in the progress of "Clean India Mission". As a part of this campaign our respected chairman Mr. J. Narsimha Reddy garu has addressed everyone with a motivational speech which has also followed by the Principal addressing and the step towards cleanliness has started by the students.



## CENTRAL LIBRARY

NRCM has a central library with over 29699 volumes of Text/ Reference and Hand Books. Library subscribes more than 97 National Journals and also has large number of e-resources in the form of DVDs and CDs apart from Reports/ Theses and Dissertations. The Library operations are fully automated. Library also provides suitable reprographic facilities to students and teachers. A well-equipped Library is an icon of quality education in its supreme form. As a New Age library, it provides unlimited access to information in many formats and from many sources. To students at NRCM, it offers a perfect platform for research, innovation and development and a tranquil ambience to explore the world of books. To begin with, the Central Library is in sync with the latest in technology, offering a balanced combination of print and digital collections. The online databases like IEEE, ASME, ASCE, J-Gate Ebcsohost, Knimbus and membership of digital consortia DELNET and other professional bodies have opened up a wealth of opportunities for scholars and students alike.

The Library has Wi-Fi and RFID enabled (a technology facilitating self-service of books in areas like the issue of books, return, renewal, reissue, reservation and security management, offering the latest state-of-the art technological applications including e-books, audio-books, e-journals, ipads to maximize the use and ease of library resources.

## SPORTS FACILITIES & ACHIEVEMENTS

### About the Department

Sports are an important role in the physical development of the Students. Specially trained coaches render systematic training in Athletics, Volleyball, Basketball, Football, Hockey and Cricket etc.

The sportsmen of NRCM represent the college at the District, Zonal, and State level competitions bringing laurels to themselves and to the college. NRCM has its credit with number of spacious and well maintained fields and courts for the above mentioned discipline.



**ALUMNI MEET:** The association of ALUMNI meet possesses a target pool of talented individuals, who have made name for themselves in diverse spheres with a high degree of knowledge and professional expertise at their disposal, the NRCM alumni members have been able to excel on the global platform as well, in infrastructure, IT, banking and many other sectors. The alumni association serves as the supporting wing of the institute. All the alumni had a great time and appreciated to the efforts of current batches and they assured to return next year







## 1. DEPARTMENT OF CIVIL ENGINEERING

### 1.1 DEPARTMENT ACHIEVEMENTS

- The faculty from the department of civil Engineering has Published 12 papers in varies journals and 8 faculty members attended both national and international conference.
- Conducted one week National level Premier Faculty Development program on “REMOTE SENSING & GIS”. from 02-07-2018 to 07-07-2018.
- Conducted one day work shop on “Anatomy of Cracks in Concrete & Engineering of ground” on 22-03-2018.
- Organized one day site visit to “SINGUR DAM”, Medak, Dist. on 06-10-2018.
- Organized one day industrial visit to “JEEDIMETLA EFFLUENT TREATMENT Ltd. on 10-10-2018
- All the faculty members are associated with ISTE MEMBERSHIP.
- Mr. B. Sudharshan Reddy, Mr. M.Mallikarjun Reddy and Mr. P. Vijayabhaskar Reddy has participated in Swachh Bharat Summer Campaign 2018, to create awareness on cleanliness among the villagers.

### 1.2 FACULTY ACHIEVEMENTS

- Mr. B. Sudharshan Reddy and Mr. Abdul Mannan Hussian received patent rights on “**System and methods for decomposing organic and food waste**” by Allinnov Research and Development Private Limited on 01/03/2019.
- Mr. S M Abdul Mannan Hussain appointed as a **Reviewer of reputed International Journal of Construction Management, Taylor & Francis Group.**
- Mr. S M Abdul Mannan Hussain appointed as **Hon. Editorial Board Member-Consulting Editor** Recognized by Innovative Scientific Research Professional Malaysia, Publisher Scientific Journals.
- Mr. S M Abdul Mannan Hussain awarded as **Innovative Researcher (Construction Engg. and Management) & Dedicated Teaching Professional Award.**
- Mr. S M Abdul Mannan Hussain has been awarded as “**Dedicated Teaching Professional Award**” by Innovative Researcher (Construction engineering and management).
- Mr. S M Abdul Mannan Hussain has been felicitated as “**Best educator award**” by International association of research and developed organizations (IARDO).
- Mr. S M Abdul Mannan Hussain honored with professional title “**Fellow of the Society of Innovative Educationalist & Scientific Research Professional (FSIESRP)**”.
- Mr. S M Abdul Mannan Hussain has presented a research paper titled “Improving Construction Management practice with LPS in the “1st International Conference on Civil Engg practices & trends (I-CONCEPTS-2018) organized by CMR College of Engg & Tech. (UGC-Autonomous).
- Mr. S M Abdul Mannan Hussain published a chapter titled “**A Systematic Approach of Implementing the Last Planner System in a Building Construction Project in India**” in Advanced Engineering Research and Applications (AERA) (pp no:99-113) in year 2018.



- Mr. P. Vijayabhaskar Reddy and Mr. G. Nanda Kishore has published a paper in journal in Global Journal of Engineering Science and Researchers.
- Mr. D Rohini Kumar and Mr. M. Mallikarjun Reddy has published a paper in Global a Journal of Engineering Science and Researchers.
- Mr. Thanniru Malyadri has presented a paper titled “Studies on Properties of High Performance self compacting concrete” in the 2<sup>nd</sup> Industry Academia Conference on Construction Management, (IACCM-2018) organized by National institute of Construction Management and research, Hyderabad on 27<sup>th</sup> and 28<sup>th</sup> July 2018.

### 1.3 Published Papers in Journals in 2018-19

S.No.	Name of the faculty	Title	Journal
1	Mrs. G. Vishnupriya	Rain water Harvesting a case study. SRT Engineering College	AJESR Vol-1 2018 ISSUE 3 2018
2	Mrs. G. Vishnupriya	Study on microstructure of high strength hybrid fibers self compacting concrete subjected to corrosion	Springer Journal VOL-6 ISSUE 05 2018
3	Mr. T. Malyadri	Extra widening of National Highway –Studies on Materials Testing.,	International Journal Of Research (IJR) VOL-65 ISSUE 03 2018
4	Mr. T. Malyadri	Experimental Study on Bagasse Ash in Concrete by Partially Replacement with)	Cement International Journal Of Computer Engineering In Research Trends(IJCERT) VOL-3 ISSUE 04 2018
5	Mr. T. Malyadri	“Analysis and Design of Pump house.,	“Anveshana’s International Journal Of Research In Engineering And Applied Science VOL-5 ISSUE 03 2018
6	Mr. G. Nanda Kishore	Experimental study on risk huskash & fly ash based Geo-polymer concrete and using M-sand	Iop Vol-4 Issue 03 2018
7	Mr. B. Sudharshan Reddy	Experimental Study on Feasibility of Non Potable Water with Lime on Properties of Ppc	Iop Vol-3 Issue 04 2018
8	S M Abdul Mannan Hussain	Theoretical Study Ofu-Boot Technology In Construction	International Journal Of Management, Technology And Engineering Volume 8, Issue VIII, AUGUST/2018 ISSN NO : 2249-7455
9	Mr. P. Vijayabhaskar Reddy & Mr. G. Nanda Kishore	A Quick Method For Estimating The Storey Stiffness Of A Building By Using Sap-2000	Global Journal Of Engineering Science And Researches Vol-6 Issue 05,2018
10	Mrs.L.DIVYA	A review on seismic retrofit using steel plates shear wall & bracing system for linear & non linear structures	International Journal Of Reasearch Vol-8 Issue 06
11	Mr. B. Sudharshan Reddy	Improving Construction Manegement Practice With The Last Planner Suystem	Ajesr-2018 Vol-4 Issue 02
12	Mr. B. Sudharshan Reddy	A Feasibility Study for Bus Rapid Transit System in Hyderabad.	Ijsrd Vol-6 Issue 05 2018

### 1.4 Faculty Development Programme :



- We invited Dr. M SHASHI, Professor NIT Warangal, as a resource person to Faculty Development Programme on Remote Sensing and GIS by from 2-7-18 to 7-7-18 in Narsimha Reddy Engineering College.

### 1.5 STUDENTS ACHIEVEMENTS

- K Harish Reddy from civil IV year has published research paper on Theoretical Study on U-Boot Technology in International Journal of Management, Technology and Engineering. Volume-8 issue 8 Aug-2018.
- K Harish Reddy from civil IV year completed a course on Principles of construction management from IIT Kanpur through NPTEL in 2017-18
- G. Narendra and B. Jyothirganesha from Civil IV year has participated in the three day Entrepreneurship Awareness camp conducted by Entrepreneurship Development cell.

## 2 DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

### 2.1 Faculty development programs (FDP) attended by Faculty:

S.N	Name of Faculty Member	Name of Programme	Venue	Duration From – To
1	Mr. M.Yousuf	National level seminar on “innovative strategies to enhance Quality of education in HET challenges in line with LAE.	Malla reddy college of engineering	22-23 rd Feb 2019
2	Mr.L. Phani Kumar	Faculty Development Program	Mallareddy Institute of Engineering and Technology, Maisammaguda.	27 <sup>th</sup> June 2018 to 1 <sup>st</sup> July 2018
3	Mr.Y. Narasimha Rao	Faculty Development Program	Mallareddy Institute of Engineering and Technology, Maisammaguda.	27 <sup>th</sup> June 2018 to 1 <sup>st</sup> July 2018
4	Mr.G Suhasini	Faculty Development Program	Mallareddy Institute of Engineering and Technology, Maisammaguda.	27 <sup>th</sup> June 2018 to 1 <sup>st</sup> July 2018

### 2.2 Faculty Enrolled for Higher Studies

S No	Name	University	Date of Registration	Guide Name & Address	Department
1	Mr. Y. Narasimha Rao	K L Deemed to be University	05-07-2017	Dr. K.S. Srikanth, K L Deemed to be University, Green Fields, Vaddeswaram, Guntur District, A.P., INDIA.	EEE

### 2.3 Students Participated / Presented Papers in Symposia :

S. No.	Date	Student Name	Event	Title	Organized by	Prize / Place
1	1-3-19& 2-3-19	Bapi mandal P.Deekshith reddy K.Anantha siva sai	TECHSO NANCE 2K19	Smart street lights and Smart home	Osmania University	1st
2	13-3-19 & 14-3-19	Bapi mandal P.Deekshith reddy K.Anantha siva sai	PRAGNY A 2K19	Smart street lights and Smart home	JNTUH	1st
3	29-03-19 & 30-03-19	Bapi mandal P.Deekshith reddy K.Anantha siva sai	AQUILA 2K19	Smart street lights and Smart home	St.Peters College of Engineering	2nd



4	28-02-19	Suram Dileep Reddy Neeraja Sanketh	TECHSO NANCE 2K19	Fab India	Marri Laxma Reddy Engineering College	participated
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## 2.4 Internships:

Company Sector(mandatory)	Incorporation Status(mandatory)	Discipline(mandatory)	Level (mandatory)	Date From (mandatory)	No :of students (mandatory)	Date To(mandatory)
Engineering	PUBLIC	Electrical and Electronics Engineering	Degree	5/25/2018	4	6/30/2018
Engineering	PRIVATE	Electrical and Electronics Engineering	Degree	5/21/2018	4	7/2/2018
Engineering	PRIVATE	Electrical and Electronics Engineering	Degree	5/24/2018	4	7/2/2018

## 3. Department of Mechanical Engineering

### 3.1 FACULTY PUBLICATIONS IN 2018-19

S. No	Name of the Faculty	Designation	Title of the Paper	Publication Details	National/International
1	MR.P.PRAMOD KUMAR	ASSOCIATE PROFESSOR	An Analytical study of buckling behavior of nanocomposite beams	SAE INTERNATIONAL, 9th JULY 2018, 2018-28-0050	INTERNATIONAL
			An Analytical study of buckling behavior of cnt/polymer composite plates using firstorder shera deformation theory	SAE INTERNATIONAL, 9th JULY 2018, 2018-28-0050	INTERNATIONAL
2	Mr. SHARAN KUMAR D	ASSISTANT PROFESSOR	Performance test on single cylinder ci- engine waste plastic fuel blend with diesel fuel	IJESI, ISSN 2319-6726,VOL- 7,ISSUE-5,JOURNAL NUMBER 43302,2018	INTERNATIONAL
3	Mrs. T ANURADHA	ASSISTANT PROFESSOR	Engine performance and emission characteristics of a single cylinder diesel engine working on different plastic fuel blends produced from catalytic pyrolysis of different waste plastics	IJRAR, ISSN 2348-1269,vol-6, issue-1,jan-march 2019	INTERNATIONAL
			Performance test on single cylinder ci- engine waste plastic fuel blend with diesel fuel	IJESI, ISSN 2319-6726,VOL- 7,ISSUE-5,JOURNAL NUMBER 43302,2018	INTERNATIONAL
4	Mr. S RAJESH	ASSISTANT PROFESSOR	Production of bio fuel compounds from waste plastics by using catalytic pyrolysis process	IRJET,ISSN-2395-0056,VOL 5 ,ISSUE5,5th MAY 2018	INTERNATIONAL
5	Mr. PAVAN KUMAR	ASSISTANT PROFESSOR	Engine performance and emission characteristics of a single cylinder diesel engine working on different plastic fuel blends produced from catalytic pyrolysis of different waste plastics	IJRAR, ISSN 2348-1269,vol-6, issue-1,jan-march 2019	INTERNATIONAL
6			Production of bio fuel compounds from waste plastics by using catalytic pyrolysis process	IRJET,ISSN-2395-0056,VOL 5 ,ISSUE5,5th MAY 2018	INTERNATIONAL
7	MR P. NAVEEN KUMAR	ASSISTANT PROFESSOR	Engine performance and emission characteristics of a single cylinder diesel engine working on different plastic fuel blends produced from catalytic pyrolysis of different waste plastics	IJRAR, ISSN 2348-1269,vol-6, issue-1,jan-march 2019	INTERNATIONAL
			Production of bio fuel compounds from waste plastics by using catalytic pyrolysis process	IRJET,ISSN-2395-0056,VOL 5 ,ISSUE5,5th MAY 2018	INTERNATIONAL
8	Mrs. ARCHANA MISHRA	ASSISTANT PROFESSOR	Engine performance and emission characteristics of a single cylinder diesel engine working on different	IJRAR, ISSN 2348-1269,vol-6, issue-1,jan-march 2019	INTERNATIONAL



			plastic fuel blends produced from catalytic pyrolysis of different waste plastics		
9	Mr. SAI SHYAM	ASSISTANT PROFESSOR	Engine performance and emission characteristics of a single cylinder diesel engine working on different plastic fuel blends produced from catalytic pyrolysis of different waste plastics	IJRAR, ISSN 2348-1269, vol-6, issue-1 jan-march 2019	INTERNATIONAL

### 3.2 FACULTY ACTED AS RESOURCE PERSON

S.No	Name of the Faculty	Designation	Resource person for --- (Name the conference / BoS –outside / SDP / Workshop etc)	Resource Person as the reviewer of Journals (Pl give name of the journal)
1	Dr. M.Babu	PROFESSOR	FDP on ME 6701 - Power Plant Engineering	Solar Energy-Elsevier.
				International Journal of Renewable Energy Technology (IJRET)-Inderscience.
				Science Publication Group-Renewable Energy Research.
				Advances in Science, Technology and Engineering Systems Journal (ASTESJ).
				Advances in Science, Technology and Engineering Systems Journal (ASTESJ).
2	Dr. V. P .Venkataramana Murthy	PROFESSOR		Energy-Elsevier
				International Journal of Energy-Inderscience.
				Energy conversion and Management- Elsevier.
3	Mr. M Venkateshwara Reddy	ASSOCIATE PROFESSOR	Geetanjali college of Engineering & Technology "Bridging Gap Between Industry & Institute"	

### 3.3 FDP attended by faculty:

S.No	NAME OF THE FACULTY	DESIGNATION	FDP DETAILS	PLACE	ATTENDED YEAR
1	Mr M. Venkateswar Reddy	Associate Professor	5 Days Faculty Development Program On CFD at JNTUH	JNTUH	23 <sup>rd</sup> -27 <sup>th</sup> April 2018
			Faculty Development Program On Development and applications of Nano Composites at IARE	IARE	9 <sup>th</sup> -14 <sup>th</sup> July 2018
2	Dr. V.P.V. Murthy	Professor	5 Days Faculty Development Program On CFD at JNTUH	JNTUH	23 <sup>rd</sup> -27 <sup>th</sup> April 2018
			Work shop to train the trainers for implementation of induction program	JNTUH	28 <sup>th</sup> May 2018
			AICTE and ISTE Sponsored refresher program on teaching and research with technology	IRTT, ERODE	25 <sup>th</sup> June-7 <sup>th</sup> July 2018
			College Co-ordinator for TEQUIP-3 at JNTUH	JNTUH	17 <sup>th</sup> -19 <sup>th</sup> May 2018
3	Dr. Maria Babu	Professor	FDP on Remote sensing and GIS at NRCM	NRCM	2 <sup>nd</sup> July -7 <sup>th</sup> July 2018



			Faculty Development Program On Development and applications of Nano Composites at IARE	IARE	9 <sup>th</sup> -14 <sup>th</sup> July 2018
			5 Days Faculty Development Program On CFD at JNTUH	JNTUH	23 <sup>rd</sup> -27 <sup>th</sup> April 2018
4	Mr. Avinash Pachori	Assistant Professor	Faculty Development Program on CFD at JNTUH	JNTUH	23 <sup>rd</sup> -27 <sup>th</sup> April 2018
			ICT:effective use of technology for teaching at IIT Hyderabad	IIT, HYDERABAD	11th June-13th June 2018
5	Mr. Ajay R.K.	Assistant Professor	FDP on Engineering Drawing -an Effective Teaching Methodology at MREC	MREC	02nd July-7th July 2018
6	Mrs T. Anuradha	Assistant Professor	Faculty Development Program On Development and applications of Nano Composites at IARE	IARE	9th-14th July 2018
			5 Days Faculty Development Program On CFD at JNTUH	JNTUH	23rd-27th April 2018
			FDP on Composite Material at VIGNAN'S UNIVERSITY , GUNTUR	VIGNAN'S UNIVERSITY	26th-30th June 2018
			Faculty knowledge sharing program at IBS, Hyderabad	IBS, HYDERABAD	21st July 2018
7	Mr. Nagu Naik	Assistant Professor	FDP on Composite Material at VIGNAN'S UNIVERSITY , GUNTUR	VIGNAN'S UNIVERSITY	26th-30th June 2018
			Faculty Development Program On Development and applications of Nano Composites at IARE	IARE	9th-14th July 2018
8	Mr. V. PruthviRaj	Assistant Professor	5 Days Faculty Development Program On CFD at JNTUH	JNTUH	23rd-27th April 2018
			Industry training at TGV SRAAC LMTD	KURNOOL	07th May-12th May 2018
			Swachh Bharat Internship	HYDERABAD	23rd June-23rd July 2018
9	Mr. P. Naveen Kumar	Assistant Professor	5 Days Faculty Development Program On CFD at JNTUH	JNTUH	23rd-27th April 2018
10	Mr. Pavan Kumar	Assistant Professor	Faculty Development Program On Development and applications of Nano Composites at IARE	IARE	9th-14th July 2018
			1 week FDP on " Design of Machine Element" at CMRIT	CMRIT	7th-14 Feb 2018
			2 days FDP on INDUSTRY 4.0;ACADEMIA INITIATIVES IN MECHANICAL ENGINEERING at MRCET	MRCET	12th-14th June 2018
11	Mrs. Archana Mishra	Assistant Professor	5 Days Faculty Development Program On CFD at JNTUH	JNTUH	23rd-27th April 2018
			FDP on Engineering Drawing -an Effective Teaching Methodology at MREC	MREC	02nd July-7th July 2018
12	Mr. Prakash Mandal	Assistant Professor	5 Days Faculty Development Program On CFD at JNTUH	JNTUH	23rd-27th April 2018
			Faculty Development Program On Development and applications of Nano Composites	IARE	9th-14th July 2018
			2 days FDP on INDUSTRY 4.0;ACADEMIA INITIATIVES IN MECHANICAL ENGINEERING at MRCET	MRCET	12th-14th June 2018
13	Mr. R. Sai Syam	Assistant Professor	5 Days Faculty Development Program On CFD at JNTUH	JNTUH	23rd-27th April 2018
			FDP on Composite Material at VIGNAN INSTITUTE , GUNTUR	VIGNAN'S UNIVERSITY	26th-30th June 2018



14	Mr. AYV Ravi	Assistant Professor	Faculty Development Program On Development and applications of Nano Composites at IARE	IARE	9th-14th july 2018
			5 Days Faculty Development Program On CFD at JNTUH	JNTUH	23rd-27th April 2018
15	MR G.H. Manjunath	Assistant Professor	2 days FDP on INDUSTRY 4.0;ACADEMIA INITIATIVES IN MECHANICAL ENGINEERING at MRCET	MRCET	12th-14th june 2018
			5 Days Faculty Development Program On CFD at JNTUH	JNTUH	23rd-27th April 2018
16	Mr D.Sharan Kumar	Assistant Professor	5 Days Faculty Development Program On CFD at JNTUH	JNTUH	23rd-27th April 2018
			Faculty Development Program On Development and applications of Nano Composites	IARE	9th-14th july 2018
			FDP on Engineering Drawing -an Effective Teaching Methodology at MREC	MREC	2nd to 7th july 2018
			2 days FDP on INDUSTRY 4.0;ACADEMIA INITIATIVES IN MECHANICAL ENGINEERING at MRCET	MRCET	12th-14th june 2018
17	Mr. S. Venkatesh	Assistant Professor	Faculty Development Program On Development and applications of Nano Composites	IARE	9th-14th july 2018
18	Mrs. D. Krishnaveni	Assistant Professor	Faculty Development Program On Development and applications of Nano Composites	IARE	9th-14th july 2018
19	Mr K. Sreenivasulu	Assistant Professor	FDP on Innovative Technique on Engineering Graphics at Anurag Institute of Technology and Science	AITs	
			FDP on Engineering Mechanics Made Easy	NRCM	28th june -2nd july 2018
20	Mr. S. Rajesh	Assistant Professor	Faculty Development Program On Development and applications of Nano Composites at IARE	IARE	9th-14th july 2018

### 3.4 PATENTS

Company Name	Company Sector	Incorporation Status	Faculty Name	Discipline	Level	Date of Patent Adoption(mandatory)	Patent Number(mandatory)	Year(mandatory)
Narsimhareddy Engineering College	Engineering Institute	AWARDED	Dr. P. SEKHAR BABU Dr. V P VENKATARAMANA MURTHY Dr. M. BABU Mr. VENKATESWAR REDDY. M MR. G. SATISH KUMAR Mr. AVINASH PACHORI Mr. N. NAGU NAIK Mr. PAVANKUMAR Mr. SHARAN KUMAR DIVATAGI Mr. AJAY KODLIWAD Mr. S. RAJESH Mrs. T. ANURADHA Mrs., D. KRISHNAVENI Mrs. ARCHANA MISHRA	Mechanical Engineering		7/12/2018	201841045578 A	2018

### 3.5 FACULTY REGISTERED TO HIGHER STUDIES

S.NO	NAME	UNIVERSITY	DATE OF JOINING	GUIDE NAME AND ADDRESS	DEPARTMENT
1	Sunil Kumar T A	VTU, Belagavi	28/12/2017	Dr. M. Ramachandra, Professor, BMS college of engineering, Bangalore	Mechanical Engineering
2	Chinna Mahammad Basha	Vignan University	26/01/2018	Dr V K Singh, Asst. Professor, Vignan University	Mechanical Engineering
3	Rajkumar	NIT Warangal	19/07/2018		Mechanical Engineering
4	Ajay R Kodliwad	VTU, Belagavi	7/7/2018	Dr.K N Patil,SDM Dharwad	Mechanical Engineering
5	Rajesh S	VTU, Belagavi	7/7/2018	Dr. Sharan A S, BIET Davangere	Mechanical Engineering

### 3.6 Special Lectures Delivered by Faculty Members:

S. No.	Faculty Name	Title	Venue / Event	Date
1	Dr. V. P. Venkataramana Murthy	Bloom's Taxonomy	Narsimha Reddy Engineering College	10-Mar-18
2	Mr. Avinash Pachori	ICT Tools		
3	Dr. V. P. Venkataramana Murthy	NPTEL & SWAYAN ONLINE COURSES	Narsimha Reddy Engineering College	4-Aug-18

### 3.7 INDUSTRIAL VISIT

S. NO.	SEMESTER	DATE	INDUSTRY VISITED	STAFF NAME	NO. OF STUDENTS
1	II SEM	14/6/2018	AIR FORCE ACADEMY HYDERABAD	AVINASH PACHORI	50
2	II SEM	14/6/2018	AIR FORCE ACADEMY HYDERABAD	A.Y.V. RAVI KUMAR	
3	II SEM	14/6/2018	AIR FORCE ACADEMY HYDERABAD	S.VENKATESH	
4	II SEM	14/6/2018	AIR FORCE ACADEMY HYDERABAD	T.ANURADHA	

### 3.11 STUDENT'S STARTUP/COMPANY

S.No	NAME OF THE STUDENT	STRTUP/COMPANY NAME	STARTED YEAR
1	M V JITENDRA	AVAIL ROBOTECH SOLUTIONS	3/28/2018

## 4. DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

### 4.1 Paper published by Faculties:

- Dr.M.Jagadeesh Chandra Prasad, Professor and HOD of ECE ,NRCM has presented the paper "Vedic processor based trigonometric calculations using power series" in international conference on advanced



college of engineering, Coimbatore Tamilnadu.

- Dr.Honey Durga Tiwari, Professor,ECE,NRCM has presented the paper “Vedic processor based trigonometric calculations using power series” in international conference on advanced computing and communication systems-ICACCS-2019 on 15<sup>th</sup> and 16<sup>th</sup> march 2019 at Sri Eshwara college of engineering, Coimbatore, Tamilnadu.
- H.K.Sahebgoud, Assistant professor,ECE,NRCM has presented the paper “Detection and classification of brain tumor using OTSU-region based method” in ICCMC-2018 IEEE Conference on 26<sup>th</sup> Feb 2018.
- H.K.Sahebgoud, Assistant professor,ECE,NRCM has published the paper “An Efficient VLSI Design Approach to Reduce Leakage Current in 4X4 DRAM using Variable Biasing Technique”, in IRJET Vol. 5, issue 12 on JULY 2018
- H.K.Sahebgoud, Assistant professor,ECE,NRCM has published the paper “Automatic design of Low-power VLSI circuits: power efficient for accurate and approximate multipliers”, in IRJET Vol. 5, issue 7 on JULY 2018
- A. Karthik, Assistant professor,ECE,NRCM has published the paper” Design of audio signal analysis and processing system based lab view-USRP2901 device”, ICRIEECE-2018 IEEE on 27TH JULY 2018.
- C. Venkateswarlu, Assistant professor,ECE,NRCM has published the paper “Low Cost FPGA implementation of RFIR filter based on Radix-4 algorithm”, IJIES on vol-11,issue-5 on 6th june 2018.
- E. Sudhakar, Assistant professor,ECE,NRCM has published the paper “Automatic design of Low-power VLSI circuits: power efficient for accurate and approximate multipliers” , IRJET vol-5 and issue-7 on july 2018.
- D. Latha, Assistant professor, ECE ,NRCM has published a paper “An Intellectual System For Supervising of Water Density With IOT”, in IJRRECS volume 06, issue 06, june 2018.
- A.Veera Babu “A REAL TIME IMAGE/IMAGE TRANSMISSION IN PEER TO-PEER BROADBAND COMMUNICATION SYSTEMS” International Journal for Advanced Research in science & Technology, ISSN 2457-0362, Volume-8, Issue No:3,2018, PP:84-91.
- N.Sangeeta, Asst Professor, ECE, NRCM , has published “A two staged approach to vision based pedestrian recognition using Haar and Hog features”.
- “Provably lightweight RFid mutual authentication protocol” Paper published by N.Swetha. Asst. Professor, NRCM HYD.
- K.Lakshmi, Asst Professor, NRCM HYD, has published “Design of low power optimizing chien search usage in the BCH decoder”.
- “A Unique scheme for security authentication system “Paper published by V.Vijaykumar and E.Lavanya. Asst. Professor, NRCM HYD.
- “An Efficient VLSI Design Approach to Reduce Leakage Current in 4X4 DRAM using Variable Biasing Technique” by E.Sudhakar, Assistant Professor.

#### **4.2. Faculty development programs attended by Faculty:**

- Dr.M.Jagadeesh Chandra Prasad, Professor and HOD of ECE ,NRCM,has attended “Two days workshop on Preparing for NBA Accreditation and SAR filling” at JNTUH college of Engineering,Hyderabad on 18<sup>th</sup> and 19<sup>th</sup> Feb 2019.
- H.K.Saheb Goud has attended the workshop on “Image processing and artificial intelligence by machine learning and deep learning using Matlab” In January 2019.

computing and communication systems-ICACCS-2019 on 15<sup>th</sup> and 16<sup>th</sup> march 2019 at Sri Eshwara college of engineering, Coimbatore Tamilnadu.

- Dr.Honey Durga Tiwari, Professor,ECE,NRCM has presented the paper “Vedic processor based trigonometric calculations using power series” in international conference on advanced computing and communication systems-ICACCS-2019 on 15<sup>th</sup> and 16<sup>th</sup> march 2019 at Sri Eshwara college of engineering, Coimbatore, Tamilnadu.
- H.K.Sahebgoud, Assistant professor,ECE,NRCM has presented the paper “Detection and classification of brain tumor using OTSU-region based method” in ICCMC-2018 IEEE Conference on 26<sup>th</sup> Feb 2018.
- H.K.Sahebgoud, Assistant professor,ECE,NRCM has published the paper “An Efficient VLSI Design Approach to Reduce Leakage Current in 4X4 DRAM using Variable Biasing Technique”, in IRJET Vol. 5, issue 12 on JULY 2018
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- A. Karthik, Assistant professor,ECE,NRCM has published the paper” Design of audio signal analysis and processing system based lab view-USRP2901 device”, ICRIEECE-2018 IEEE on 27TH JULY 2018.
- C. Venkateswarlu, Assistant professor,ECE,NRCM has published the paper “Low Cost FPGA implementation of RFIR filter based on Radix-4 algorithm”, IJIES on vol-11,issue-5 on 6th june 2018.
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- “Provably lightweight RFid mutual authentication protocol” Paper published by N.Swetha. Asst. Professor, NRCM HYD.
- K.Lakshmi, Asst Professor, NRCM HYD, has published “Design of low power optimizing chien search usage in the BCH decoder”.
- “A Unique scheme for security authentication system “Paper published by V.Vijaykumar and E.Lavanya. Asst. Professor, NRCM HYD.
- “An Efficient VLSI Design Approach to Reduce Leakage Current in 4X4 DRAM using Variable Biasing Technique” by E.Sudhakar, Assistant Professor.

#### **4.2. Faculty development programs attended by Faculty:**

- Dr.M.Jagadeesh Chandra Prasad, Professor and HOD of ECE ,NRCM,has attended “Two days workshop on Preparing for NBA Accreditation and SAR filling” at JNTUH college of Engineering,Hyderabad on 18<sup>th</sup> and 19<sup>th</sup> Feb 2019.
- H.K.Saheb Goud has attended the workshop on “Image processing and artificial intelligence by machine learning and deep learning using Matlab” In January 2019.



computing and communication systems-ICACCS-2019 on 15<sup>th</sup> and 16<sup>th</sup> march 2019 at Sri Eshwara college of engineering, Coimbatore Tamilnadu.

- Dr.Honey Durga Tiwari, Professor,ECE,NRCM has presented the paper “Vedic processor based trigonometric calculations using power series” in international conference on advanced computing and communication systems-ICACCS-2019 on 15<sup>th</sup> and 16<sup>th</sup> march 2019 at Sri Eshwara college of engineering, Coimbatore, Tamilnadu.
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- C. Venkateswarlu, Assistant professor,ECE,NRCM has published the paper “Low Cost FPGA implementation of RFIR filter based on Radix-4 algorithm”, IJIES on vol-11,issue-5 on 6th june 2018.
- E. Sudhakar, Assistant professor,ECE,NRCM has published the paper “Automatic design of Low-power VLSI circuits: power efficient for accurate and approximate multipliers” , IRJET vol-5 and issue-7 on july 2018.
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- A.Veera Babu “A REAL TIME IMAGE/IMAGE TRANSMISSION IN PEER TO-PEER BROADBAND COMMUNICATION SYSTEMS” International Journal for Advanced Research in science & Technology, ISSN 2457-0362, Volume-8, Issue No:3,2018, PP:84-91.
- N.Sangeeta, Asst Professor, ECE, NRCM , has published “A two staged approach to vision based pedestrian recognition using Haar and Hog features”.
- “Provably lightweight RFid mutual authentication protocol” Paper published by N.Swetha. Asst. Professor, NRCM HYD.
- K.Lakshmi, Asst Professor, NRCM HYD, has published “Design of low power optimizing chien search usage in the BCH decoder”.
- “A Unique scheme for security authentication system “Paper published by V.Vijaykumar and E.Lavanya. Asst. Professor, NRCM HYD.
- “An Efficient VLSI Design Approach to Reduce Leakage Current in 4X4 DRAM using Variable Biasing Technique” by E.Sudhakar, Assistant Professor.

#### **4.2. Faculty development programs attended by Faculty:**

- Dr.M.Jagadeesh Chandra Prasad, Professor and HOD of ECE ,NRCM,has attended “Two days workshop on Preparing for NBA Accreditation and SAR filling” at JNTUH college of Engineering,Hyderabad on 18<sup>th</sup> and 19<sup>th</sup> Feb 2019.
- H.K.Saheb Goud has attended the workshop on “Image processing and artificial intelligence by machine learning and deep learning using Matlab” In January 2019.

- V.Vijaykumar and A.Karthik have attended FDP on "Matlab Expo-2018 at Math Labson 27<sup>th</sup> to 24<sup>th</sup> April 2018.
- K. Laksmi, V.Vijaykumar, A.Karthik and N.DivyaJyothi have attended FDP on "Research trends on electronics and communication engineering", at MRIET Hyderabad from 2<sup>nd</sup> to 6<sup>th</sup> July 2018.
- D.Latha, N. Swetha, A. Veerababu and E. Lavanya have attended FDP on "Research trends on electronics and communication engineering", at MRIET Hyderabad from 2<sup>nd</sup> to 6<sup>th</sup> July 2018.
- Dr. N. Muralimohan, N.Sangeeta and T. Harika have attended FDP on "Research trends on electronics and communication engineering", at MRIET Hyderabad from 2<sup>nd</sup> to 6<sup>th</sup> July 2018.

#### 4.3 Faculty Achievements:

- Dr.S.M.Ramesh, Professor of ECE, NRCM, has got the IASTE best researcher award.
- Sahebgoud H.K. Assistant Professor, ECE, NRCM, has got the EXCELLENCE AWARD in IRF(International Research Forum).

#### 4.4. Special Lectures Delivered By Faculty:

- Dr.M.Jagadeesh Chandra Prasad, Professor and HOD of ECE, NRCM, has delivered lecture on "preparation of course outcomes, calculation of CO attainments, CO to PO mapping AND PO attainments", on 13<sup>th</sup> April 2019.

#### 4.5. Faculty registered to higher studies:

- A.Veerababu has registered the Ph.D under the guidance of Dr. G.R.Jyothi Lakshmi in VELS University Chennai in FEB 2019.

#### 4.6 Workshops Organized for students:

- The Department of Electronics and Communication, Narsimha Reddy college of Engineering, organized a "Two-day workshop on Printed Circuit Board design" on 8<sup>th</sup> and 9<sup>th</sup> February 2019.
- The Department of ECE has conducted Industrial Visit to an Indian National Centre for Ocean Information Services (INCOIS), Hyderabad on 04<sup>th</sup> February 2019 for the benefit of 3rd year students.
- The Department of ECE has conducted a FDP on "MATLAB to Various Real Time Applications" by Mr.J.Prem Kumar, CAPRICOT Technologies Pvt.Ltd.
- Technical fest held in Narsimha Reddy Engineering college on 9<sup>th</sup> March 2019.

#### 4.7. Industrial Visits Organized for students:

S.No	Name of the industry/ organization	Date	Number of students Attended
1	All India Radio, Hyderabad	31-08-2018	80
2	Indian National Centre for Ocean Information Services (INCOIS), Hyderabad	04-02-2019	80

#### 4.8 Guest Lecture Organized For Students:



S.No	Title	Date	Resource Person	Number of students benefited
1	Industrial Applications On Transmission Lines	29-10-2018	M.Murali Krishna	80
2	Machine Learning With Python	30-03-2019	Satya Kumar Palli Chief Technical Officer (CTO) SYNXA IT private Ltd.	150
3	Industrial Applications On Digital Circuit Design	10-04-2019	Dr. M.C.Chinnaiah Ph.D Professor in ECE department, BVRIT, Hyderabad	75

#### 4.9 Students Achievements:

**HEMANKA REDDY (14X01A0434)** has Honored with GOLD MEDAL for Achieving ACADEMIC TOPPER Rank of ECE Department.

#### 4.10 Student Participation in Technical events:

S/N	Name of the Student	Event Name	Venue	Dates	Won/Participation
1	BONU VASANTHA	PROJECT EXPO	ST PETERS ENGG COLLEGE	MARCH 2019	PARTICIPATED
2	P.SAIDHEERAJ	PPT PRESENTATION	MRITS	24-25 JAN 2019	2 <sup>ND</sup> PRIZE
3	T.SACHARAN	PPT PRESENTATION	MRITS	24-25 JAN 2019	2 <sup>ND</sup> PRIZE
4	K.KARTHIK	PAPER PRESENTATIO	CMRCET	OCT 2018	PARTICIPATED
5	T.SACHARAN	PROJECT EXPO	CMREC	27 <sup>TH</sup> OCT 2018	PARTICIPATED
6	P.SAIDHEERAJ	PROJECT EXPO	CMREC	27 <sup>TH</sup> OCT 2018	PARTICIPATED
7	K.SHRI PRASAD MANI	GOOGLE MOBILE DEVELOPERS	MREC	JULY 2018	PARTICIPATED
8	DURGA YADAV	GOOGLE MOBILE DEVELOPERS	MREC	JULY 2018	PARTICIPATED
9	T.SATHWIK	GOOGLE MOBILE DEVELOPERS	MREC	JULY 2018	PARTICIPATED
10	K.MOHITH	GOOGLE MOBILE DEVELOPERS	MREC	JULY 2018	PARTICIPATED

## 5. DEPARTMENT OF COMPUTER SCIENCE ENGINEERING

#### 5.1 ACHIEVEMENTS OF THE DEPARTMENT:

- Increased pass percentage from 50 to 75% for the academic year 2018-19 batch
- The students of CSE department has visited AIR Force Academy ,Hyderabad on 9<sup>th</sup> march 2018.
- Students participated in SWACHHA BHARAT programme in GOVT PRIMARY SCHOOL in 2018.

S.No	Title	Date	Resource Person	Number of students benefited
1	Industrial Applications On Transmission Lines	29-10-2018	M.Murali Krishna	80
2	Machine Learning With Python	30-03-2019	Satya Kumar Palli Chief Technical Officer (CTO) SYNXA IT private Ltd.	150
3	Industrial Applications On Digital Circuit Design	10-04-2019	Dr. M.C.Chinnaiah Ph.D Professor in ECE department, BVRIT, Hyderabad	75

#### 4.9 Students Achievements:

E.HARIKA REDDY (14X01A0434) has Honored with GOLD MEDAL for Achieving ACADEMIC TOPPER Rank of ECE Department.

#### 4.10. Student Participation in Technical events:

S.N	Name of the Student	Event Name	Venue	Dates	Won/Participation
1	BONU VASANTHA	PROJECT EXPO	ST PETERS ENGG COLLEGE	MARCH 2019	PARTICIPATED
2	P.SAI DHEERAJ	PPT PRESENTATION	MRITS	24-25 JAN 2019	2 <sup>ND</sup> PRIZE
3	T.SAICHARAN	PPT PRESENTATION	MRITS	24-25 JAN 2019	2 <sup>ND</sup> PRIZE
4	K.KARTHIK	PAPER PRESENTATIO	CMRCET	OCT 2018	PARTICIPATED
5	T.SAICHARAN	PROJECT EXPO	CMREC	27 <sup>TH</sup> OCT 2018	PARTICIPATED
6	P.SAI DHEERAJ	PROJECT EXPO	CMREC	27 <sup>TH</sup> OCT 2018	PARTICIPATED
7	K.SAI PRASAD MANI	GOOGLE MOBILE DEVELOPERS	MREC	JULY 2018	PARTICIPATED
8	D.MANI YADAV	GOOGLE MOBILE DEVELOPERS	MREC	JULY 2018	PARTICIPATED
9	T.SATHWIK	GOOGLE MOBILE DEVELOPERS	MREC	JULY 2018	PARTICIPATED
10	K.MOHITH	GOOGLE MOBILE DEVELOPERS	MREC	JULY 2018	PARTICIPATED

## 5. DEPARTMENT OF COMPUTER SCIENCE ENGINEERING

### 5.1 ACHIEVEMENTS OF THE DEPARTMENT:

- Increased pass percentage from 50 to 75% for the academic year 2018-19 batch
- The students of CSE department has visited AIR Force Academy ,Hyderabad on 9<sup>th</sup> march 2018.
- Students participated in SWACHHA BHARAT programme in GOVT PRIMARY SCHOOL in 2018.



- Faculty members Published papers in IJARCC, ICACDS, IJIT, and IJACSA.

## 5.2 Faculty registration in Ph.D. Programm.

S No	Name	University	Date of Registered	Area	Guide Name & Address	Department
1	Mr.B.Madava rao	Himalayan University	8/7/2017	Artificial intelligence	Dr.D.P.Singh, New Delhi	CSE
2	Mrs.U.Sirisha	GITAM University	14/06/2018	IOT security	Mrs.G.Lakshmeeswari, Vizag	CSE

## 5.3 FDPs Attended by Faculty:

S. No.	Name of Faculty Member	Name of Programme	Venue	Duration From – To	No Of Days
1	K.Sowmya Sree	Python and R-programming	IARE	03/01/2018 to 09/01/2018	06
2	G.Gouthami	Python and R-programming	IARE	03/01/2018 to 09/01/2018	06
3	K.Krushnaveni	Big Data Analytics And Deep Learning	MJCET	03/01/2018 to 08/01/2018	05
4	T.Mallikadevi	Big Data Analytics And Deep Learning	MJCET	03/01/2018 to 08/01/2018	05
5	B.Srinath	Advances in Cloud computing	BVRIT	21/4/2018 to 26/4/18	06
6	B.Cheeranjivi	Advances in Cloud computing	BVRIT	21/4/2018 to 26/4/18	06

## 5.4 PAPER PUBLICATIONS BY FACULTY A.Y: 2018-19

S.NO	NAME OF THE FACULTY	TITLE OF THE PAPER PUBLISHED
1	1.T.MALIKA DEVI 2.J.PUSHPA KUMARI 3.K.KRISHNAVENI	A CLUSTERED BASED METHOD FOR REDUNDANCY MANAGEMENT IN WSN.
2.	1.A.SRAVANTHI 2.S.SUNANDA 3.K.SOWMYA SREE	A SURVEY ON APPLICATIONS OF INTERNET OF THINGS(IOT)
3	1.CH.SRI LAKSHMI 2.A.SHOBHA RANI	ENABLING IOT AND BIG DATA ANALYSIS
4	1.G. LINGAM 2. D.SRINIVAS 3. K.BHARATH KUMAR	SECURITY AND PRIVACY SOLUTIONS BASED ON BLOCKCHAIN FOR INTERNET OF THINGS(IOT)
5	1.B.MADHAVA RAO 2.G.GOPI 3.CHIRANJEEVI	PRIVACY AWARE KP-ABE WITH USER OUTSOURCING OF CLOUD STORAGE
6	1.T.SREEKANTH	COLLABORATIVE PROTECTION NETWORK FOR THE DETECTION OF FLOODING DDOS ATTACKS
7	1.B.CHAITANYA 2.U.SIRISHA 3.E.TABITHA	AUTHENTICATION USING VOCIFERATION CONTROLLED SYSTEM FOR SMART HOMES WITH RASPBERRY PI THROUGH NTERNET OF THINGS
8.	1.Y.SHYAM SUNDAR 2.M.PRABHAKAR 3.B.SRINATH	A SURVEY ON INFORMATION-CENTRIC IOT IN DPD SECURE DATA SHARING SCHEME

9.	1.P.K.PRASANA KUMAR 2.N.VENKATESH 3.J.V.HARI BABU	STRUCTURED ROUTING PROTOCOL BASED ON ANONYMOUS SECURE MULTIPATH NETWORKS
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#### 5.5 STUDENTS ACHIEVEMENTS: A.Y 2018-19

- SUJITH actively participated and got MERIT certificate in the national level Hackathon FURCATEZ-2K19 in the technical event of TECHNITY held on 24<sup>th</sup> and 25<sup>th</sup> January, 2019 conducted by Mallareddy Institute of Engineering College.
- SREEJA actively participated and got MERIT certificate in the national level Hackathon FURCATEZ-2K19 in the technical event of TECHKRITI held on 24<sup>th</sup> and 25<sup>th</sup> January, 2019 conducted by Mallareddy Institute of Engineering College.
- T.Ganesh actively participated and got certificate in the national level Hackathon FURCATEZ-2K19 in the non technical event of MISSION IMPROBABLE held on 24<sup>th</sup> and 25<sup>th</sup> January, 2019 conducted by Mallareddy Institute of Engineering College.
- Tulasi participated and got certificate in the national level Hackathon FURCATEZ-2K19 in the technical event of TECHNITY held on 24<sup>th</sup> and 25<sup>th</sup> January, 2019 conducted by Mallareddy Institute of Engineering College.
- M.BHAGYA SREE participated and got certificate in the national level Hackathon FURCATEZ-2K19 in the technical event of MOCK CID held on 24<sup>th</sup> and 25<sup>th</sup> January, 2019 conducted by Mallareddy Institute of Engineering College.
- M.RAMADEVI participated and got certificate in the national level Hackathon FURCATEZ-2K19 in the technical event of TECHLANG held on 24<sup>th</sup> and 25<sup>th</sup> January, 2019 conducted by Mallareddy Institute of Engineering College.
- ANURADHA participated and got certificate in the national level Hackathon FURCATEZ-2K19 in the technical event of TECHNITY held on 24<sup>th</sup> and 25<sup>th</sup> January, 2019 conducted by Mallareddy Institute of Engineering College.
- ARCHANA participated and got certificate in the national level Hackathon FURCATEZ-2K19 in the technical event of MOCK CID held on 24<sup>th</sup> and 25<sup>th</sup> January, 2019 conducted by Mallareddy Institute of Engineering College.
- S.VASANTHI participated and got certificate in the national level Hackathon FURCATEZ-2K19 in the technical event of TECHLANG held on 24<sup>th</sup> and 25<sup>th</sup> January, 2019 conducted by Mallareddy Institute of Engineering College.
- SWAROOP participated and got certificate in the national level Hackathon FURCATEZ-2K19 in the technical event of TECHLANG held on 24<sup>th</sup> and 25<sup>th</sup> January, 2019 conducted by Mallareddy Institute of Engineering College.
- Y.TEJASWINI participated and got certificate in the national level Hackathon FURCATEZ-2K19 in the technical event of TECHLANG held on 24<sup>th</sup> and 25<sup>th</sup> January, 2019 conducted by Mallareddy Institute of Engineering College.
- M.BHAGYA SREE actively participated and got certificate in the national level Hackathon FURCATEZ-2K19 in the non technical event of MISSION IMPROBABLE held on 24<sup>th</sup> and 25<sup>th</sup> January, 2019 conducted by Mallareddy Institute of Engineering College.
- M.SHILPA participated and got certificate in the national level Hackathon FURCATEZ-2K19 in the technical event of TECHLANG held on 24<sup>th</sup> and 25<sup>th</sup> January, 2019 conducted by Mallareddy Institute of Engineering College.
- D.BHAVANI participated and got certificate in the national level Hackathon FURCATEZ-2K19 in the technical event of TECHLANG held on 24<sup>th</sup> and 25<sup>th</sup> January, 2019 conducted by Mallareddy Institute of Engineering College.
- RAHUL PANDEY participated and got certificate in the national level Hackathon FURCATEZ-2K19 in the technical event of CODEWAR held on 24<sup>th</sup> and 25<sup>th</sup> January, 2019 conducted by Mallareddy Institute of Engineering College.



- SRAVANTHI participated and got certificate in the national level Hackathon FURCATEZ-2K19 in the technical event of CODEWAR held on 24<sup>th</sup> and 25<sup>th</sup> January, 2019 conducted by Mallareddy Institute of Engineering College.

## 6. DEPARTMENT OF MBA

### 6.1 FACULTIES ACHIEVEMENT:

- ❖ Dr. Shailendra Yadav has chaired the session in International Conference on Advances in Humanities Sciences and Management (ICAHSM) under the cloud of ICTIMES at Malla Reddy College of Engineering, Hyderabad on 28<sup>th</sup> & 29<sup>th</sup> Dec' 2018.
- ❖ P.Jagannadha Rao has successfully completed the NPTEL Online Certification Course (Aug-Sept 2018) on Knowledge Management with a consolidated score of 70%.
- ❖ B. Kasiviswanadham has participated in the One Day Workshop on "Realizing Objectives with Project Management Skills" on 5<sup>th</sup> January, 2019 organized BY the UNIVERSITY INDUSTRY INTERACTION CENTRE (UIIC), JNTUH in association with PMI-PCC, Hyderabad.

### 6.2 STUDENTS ACHIEVEMENT:

- ❖ A Harika, S Sai Kiran, Priyanka Reddy, N Pooja, B Nitish, T Sharath Kumar have participated in the 3 Days Entrepreneurship Awareness Camp (EAC) conducted by Entrepreneurship Development Cell sponsored by ED (DST-NIMAT Project 2018-2019) held from 29<sup>th</sup>-31<sup>st</sup> January, 2019 at Malla Reddy College of Engineering Hyderabad.
- ❖ S Sai Kiran & A Harika have won 1<sup>st</sup> prize in the event BUSINESS QUIZ organized by Department of Business Management on 9<sup>th</sup> April, 2019 at St. Martin's Engineering College - SHUKAN 2019 (STATE LEVEL MANAGEMENT FEST).
- ❖ S Sai Kiran has won 2<sup>nd</sup> prize in the event SPLIT HAIR (PPT) organized by Department of Business Management on 9<sup>th</sup> April, 2019 at St. Martin's Engineering College, - SHUKAN 2019 (STATE LEVEL MANAGEMENT FEST).

## 7. DEPARTMENT OF HUMANITIES AND SCIENCES

### 7.1 FACULTIES ACHIEVEMENT:

- Dr. P. Venkat Rao, Head Department of H&S selected as member, Board of studies (BOS) Department of physics JNTUH in 2018.
- Dr M. Manjula working as Asst Prof of English is awarded Ph.D. entitled "*Bapsi Sidhwa's Novels – A Critical Study*" from JNTU ANANTAPUR in 2019.
- Mr. K. Mariyadas working as Asst. Professor of English has submitted Ph.D. thesis titled on "Intelligibility of Native English" to English and Foreign Language University, Hyderabad. 2018.

### 7.2 Publications

S. No.	Faculty Name	Title of paper	Journal Name	Vol.	Year
1.	Dr. Shahjahan	Interaction of glycyglycine with cationic surfactants – Cetylpyridinium chloride and cetylpyridinium bromide: A volumetric, ultrasonic and conductometric study	International Journal of Thermophysics, Springer Science, U. S. A	39	2018

2.	Dr.M. Manjula	The Buoyant Women in Sidhwa's novel Ice-Candy-Man	International Journal of English: Literature, Language and Skills	6	2018
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### 7.3. FACULTY ATTENDED THE CONFERENCES 2017-2018 AND 2018-19

S.No.	Name of the faculty	Title	Conference Name	Venue	A.Y. Year	No. of Co-authors	Whether you are the main author
1.	Mrs. P. Usha	Study On Dielectric Properties Of Fresh Vegetables And Jamun	Iop Conference Series	Narsimha Reddy Engineering College Maisammaguda Secunderabad	2017-18	1	Yes
2.	Mrs.N.Sai Kiran Mai	Studies on dielectric properties of adulterated milk concentration & freshness	Iop Conference Series	Narsimha Reddy Engineering College Maisammaguda Secunderabad	2017-18	2	No
1.	Dr. Shahjahan	Resonance broadening in concentric coupled resonators based metamaterials	URSI Asia Pacific Radio Science Conference	URSI AP-RASC, New Delhi	9 <sup>th</sup> -15 <sup>th</sup> Mar'2019	5	No

### 7.4 Faculty registered for Higher Studies

S. No.	Faculty Name	University	Date of Registration	Name of Supervisor & address	Dept.
1.	R. V. Surendramani	Gitam University	June 2018	Dr. M. Upendra, Dept. of Mathematics Gitam University, Medak.	H & S

### 7.5 Faculty attended Workshops

S. No.	Faculty Name	Name of Programme	Venue	Duration From – To	No. of days
1.	R. V. Surendramani	Workshop on “Scientific Programming”	Warangal	20 <sup>th</sup> -25 <sup>th</sup> Nov'2018	5
2.	R. V. Surendramani	Workshop on “Physics of fluids, methods and applications”	Medak	1 <sup>st</sup> – 2 <sup>nd</sup> Mar' 2019	2

### 7.6 Faculty attended FDP

S. No.	Faculty Name	Name of Programme	Venue	Duration From – To	No. of days	Remarks
1.	Dr. Shahjahan	FDP	MGNCRE, Govt of India, Telangana	3/12/2018 – 31/12/2018	28	Grade “A”

### 7.7 GUEST LECTURES IN INDUCTION PROGRAM TO STUDENTS

S No	TOPIC	Resource Person	Date
1	1.Life Skills 2.Stress Management & Questioner	Mr. G. Nageswara Rao Motivator	17-07-2018



2	Communication Skills	Mrs.K.Asha Latha	18-07-2018
3.	Student Psychology	Dr.B.V. Pattabhiram	18-07-2018
4.	Motivation on studies	Sri. Yandamoori Veerendranath	19-07-2018
5.	Meditation & Benefits	Mr.Prasa d	20-07-2018
6.	Engineering Mechanics	Dr. YENDLURI VENKATA DASESWARA RAO Department of Mechanical Engineering, BITS Pilani Hyderabad Campus.	04-04-2019

## 8. Training for placement:

**8.1 CRT Training for B-Tech from II year to IV year and PG Students:** Campus Recruitment Training program such as aptitude, verbal, communication skills etc., designed to help Graduates and Post-Graduate students to clear campus recruitment exams conducted by MNCs. The training programs help the students to clear the on campus and off- campus drive conducted by various MNC for recruiting students. On campus recruitment being one of the best and easiest way to land in great MNC job opportunities

NRCM made a MOU with the Globarena Technologies which got its unique distinction either quantitatively or qualitatively because of its career arena. 4M deals with mentoring students within the college for 21st century professional and life readiness. It's designed to serve the needs of a wide cross section of students from different backgrounds: science, technology, management and so on. The duration, contents and delivery methods are designed and made flexible in way that every student group gets the benefit worth their time and effort spent on this programme.

**8.2 Technical Training for IV B. Tech students (HEBEON):** NRCM has made a MOU with the Hebeon Technologies to provide training to students and making them expertise in latest languages like Java, Java Script, Python, R, Objective -C , C++ ,C#, PHP, Perl, Visual Basic.Net etc.

**8.3** Many assessment for MNCs like Reference Globe, Techruchit, HireMee, MapitLiteOnline Test, WiproElite National Level Talent Hunt, TCS-National Qualifier Test, IIHT etc

**8.4** Some internship opportunities are provided to I year to IV year students like Internshala, Bata India, Eliator, Bosch etc

## 9. PLACEMENTS in 2018 - 19

No. of companies visiting to NRCM	: 150
No. of Mega Job Melas conducted	: 3
No. of outside students placed	: 652
No. of NRCM students placed/offered	: 180

### Branch wise placements A.Y: 2018-19

Computer Science and Engineering (CSE)	: 80
Electronics and Communication Engineering (ECE)	: 70
Mechanical Engineering (ME)	: 28

### 9.1. No of Multi National Companies visited :

25

Cinif Technologies, Pratian Tech, Capgemini, CTRLS, APPS Associates, Tek Systems, Tech Mahindra, Sot Swne, SaskenTech, Zensar Tech, Deloitte, Zen Q Technovert, HCL, Stellar Data &

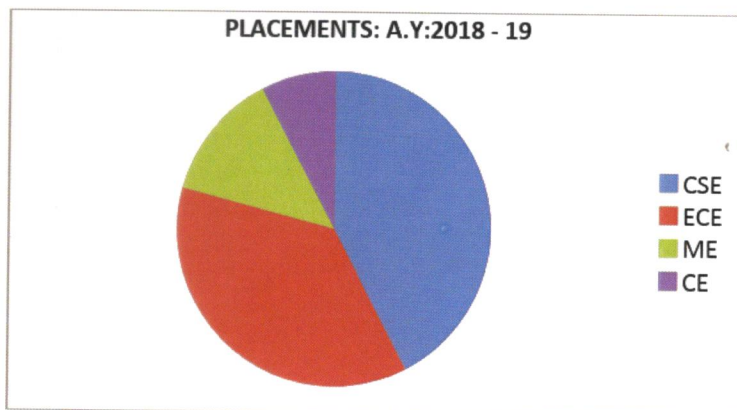
Tech, Global Logic, Mphasis, Keka, UST Global, Vertusa, Mindtree, Infosys, etc.

### 9.2. Other companies Visited:

Aliens Groups, Efftronics , PathFront, Magna Infotec, Technovert, Raam Group, HSBC,Intellicrats infosolutions Pvt.Ltd.,Coresonant systems Pvt.Ltd.Just dial,Reliance HR Services Pvt.Ltd.,Secure 24 IT Services Pvt.Ltd.,Golden of eden property development Pvt.Ltd., Appmajix Technologies Pvt.Ltd.,Navatha Road Transport Pvt.Ltd.,Tekfriday Processing Solutions Pvt.Ltd.,Apollo Pharmacy Limited, Sids Form Pvt.Ltd.,Resolute B2B, Swagatam Resource Management Pvt.Ltd.,NCL Alltek & Seccolor Ltd., Dhanush Engineering Services, Wisdom Resource Management, Royal Enfield, Hinduja Global services, Clover Infotech, Kotak Mahindra Bank, SV Tech Solutions.,Chola Ms General Solutions. Etc.

### 9.3 Off campus companies:

CTRLS, Apps Associates, Multiplier Solutions, MA IT Solutions, Travell Tripper, Zensar Technologies,BOSH, Amar Raja, Mphases etc.



A.Y 2018 – 19 Branch wise placements



PLACEMENTS IN MNCs





## 10. ACKNOWLEDGMENT

We thank Management, Principal and all the faculty members, administrative staff and students of NRCM for their help and cooperation in bringing out NRCM Newsletter-2019

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