

Volume: 3

# ANNUAL NEWSLETTER DEPARTMENT OF MECHANICAL ENGINEERING

ANIL NEERUKONDA INSTITUTE OF TECHNOLOGY & SCIENCES UGC Autonomous, Accredited by NBA & NAAC with 'A' Grade Sangivalasa - 531 162, Bheemunipatnam Mandal, Visakhapatnam Dist. AP, India.

#### Academic Year: 2018 - 2019

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Patron: Prof. T. V. Hanumantha Rao, Principal, ANITS

**Editorial Board** Editor-in-Chief: Dr. B. NagaRaju, Prof. & HOD of MECH Engg.

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Mr. J. V. Bhanutej, Asst. Prof. MECH Engg.

\* Dr. M. Rajaroy, Sr. Asst Professor, Dept of Me-Engineering, chanical was awarded PhD on December 2018 from Dept of Mechanical Engineering, Andhra University.

\* Dr. K. Satyanaraya, Asst Professor, Dept of Mechanical Engineering, was awarded PhD on March 2019 from Dept of Marine Engineering, Andhra University.

\* Dr. K. Siva Prasad is promoted from Associate Professor to Professor.

\*Dr. M. Raja Roy is promoted from Sr. Asst Professor to Associate Professor.

## AICTE-ISTE sponsored one week Induction programme "ADVANCES IN HYBRID POLYMER COMPOSITE **ENGINEERING AND APPLICATIONS**"



The department of Mechanical Engineering is organised AICTE-ISTE sponsored one week Induction programme from June 11th to 16th June 2018. The theme of the programme is ADVANCES IN HY-BRID POLYMER COMPOSITE ENGINEERING AND APPLICATIONS. The inaugual function was graced by Dr K. Ramji Vice-chancellor of Dr B.R. AMBEDKAR University, Srikakulam; Dr V.V.S.S. Bhasakara Raju, Additional Director in NSTL; Dr. N.B.R. PRASAD chairman ANES; Dr T.V. HANUMANTHA RAO, Principal and Dr B.NAGARAJU H.O.D & COORIDINATOR for the programme, preceded over the function. The chairman stressed on the importance of the research and advised all the faculty to pursue their doctorial programmes and the management will provide the support. The Principal of Institution spoke on the applications of composite in day to day life. Dr VVS Bhaskara Raju, scientist in NSTL said that composites is one of the areas where there is a lot of scope for research and faculty from premier institutions are showing inclination to do research in this area. Dr. K Ramji said that research in composites should not be restricted to evaluation of their properties alone but should be extended to product development useful to the society at large. The coordinator Dr. B Naga Raju invited the gathering and further said that a wide spectrum of resource persons from industries, research laboratories and premier academic institutions will be sharing their experience in their technical expertise in the field of composites. The participants can utilise the opportunity to assimilate knowledge and further use it for research. on the concluded day the participants were presented with the certificates by the chief guest and the guest of honour. The coordinator of the programme thanked all the participants, Principal and the management for their unstinted support. He said that the participants can choose their topic for doctorial research from composites and seek the help of resource persons. The participants from different colleges were satisfied with the 22 technical sessions spread over six days and the arrangements for the programme.

#### **IGNITION 2K19**



(26th , 27th February, 2019) The 10th Anniversary of the technical fest "IGNITION" designated as IGNITION 2k19 started off on a colourful note in the Dept. of Mechanical Engg, ANITS. Sri K C Das, Director(Personnel), Vizag Steel Plant graced the occasion. Sri Charan, CEO stuMagz was the guest of honor. The program was initiated by lighting of the holy lamp by all the dignitaries on the dias which included Dr.T Subrahmanyam, Principal, Dr.B Naga Raju, HoD(Mechanical) and I Yashwanth kumar, student president. The Head of the Dept. welcomed the august gathering and gave a note on the achievements of the dept since its inception. He congratulated the students of II & III year (Mechanical) for their innovative models which would not have been possible without the encouragement of the Principal. The students were advised by the principal to do certification courses which will add to their profile and will aid in their careers. He stressed on the importance of communication skills along with the technical skills. The guest of honor, Sri Charan gave a deep insight of the typical qualities that a successful entrepreneur should possess. He motivated the students by his exuberant speech. Sri K C Das chief guest advised the students not to use gadgets extensively. He further said that the students should transform themselves into responsible citizens and show concern for the societal needs. The program ended with the vote of thanks by the co-ordinator of the event.

#### A 3 day National workshop on "Design and Development of E-mobility Vehicle"



SAE collegiate club, Department of Mechanical Engineering, ANITS has organised a 3 day National workshop on "Design and development of E-mobility vehicle" in collaboration with imagine 2 innovate on 23rd -25th August, 2018. The programme was formally inaugurated by Dr.N.B.R.Prasad, Chairman of ANITS, Prof.T. Subrahmanyam, Principal and Dr.B.NagaRaju (Head of the Mech .Engg. Dept.), ANITS have graced the occasion. The students of Mechanical Engineering Department showed keen interest in the workshop which focuses on the applications of electric vehicle. Mr. M. Prem Dheeraj (the coordinator of workshop) and the resource persons from imagine to innovate will cover different aspects of Electric vehicles and their scope in near future for meeting the VISION of our Prime Minister in promoting E-Vehicles.

#### National Sports Day



U TOO CAN Students club, Department of Mechanical Engineering, ANITS has organised National Sports Day on 29th August, 2018. The club conducted various sports events (Power Lifting Athletics, Chess, Throw Ball) in which students participated actively. Neelam Setti Laxmi garu Arjun awardee, former Indian weight lifter acted as the chief quest for the ceremony. Dr.N.B.R.Prasad, Chairman of ANITS, Prof.T. Subrahmanyam, Principal, Prof. T. V. Hanumantha Rao, Dean of Academics and Dr.B.NagaRaju (Head of the Mech .Engg. Dept.), ANITS, have graced the occasion and addressed the students with their valuable words regarding the importance of National Sports day. Prizes were distributed to the winners by the chief guest.

# Robotics Laboratory "e-Yantra" in collaboration with IIT Bombay



Principal of ANITS - Dr. T Subrahmanyam has Robotics inaugurated а Laboratory "e-Yantra" in collaboration with IIT Bombay in Department of Mechanical Engineering, ANITS. The occasion was graced by the Dean Academics - Dr T V Hanumantha Rao, HOD - Dr B Naga Raju and Faculty Co-ordinator - Mr J V Bhanu Tej. Prof. Kavi Arya (Principal Investigator at IIT-B) and Dr Krishna Lala (Sr. Project Manager at IIT-B) have joined online for e-inau-"e-Yantra" Robotics laboratory. gural of the

#### A One day Workshop on " Innovation & Technological Entrepreneurship"

Dept of Mechanical Engineering has organized A One day Workshop on "Innovation & Technological Entrepreneurship" on 26th February 2019, collaboration with stuMagz. Around 100 students registered for this workshop and attended all sessions. The resource persons of this workshop is Mr. Charan Lakka Raju, CEO StuMagz, Entrepreneur would cover a range of topics to enhance the Entrepreneur skills of the students. Prof. T Subramanian, Principal ANITS inaugurated the workshop. Dr. B. NagaRaju HOD Mechanical Engineering congratulated the participants.



#### A One Week Workshop on "Problem Solving Skills Using 'C' " A



Dept of Mechanical Engineering has organized a One week Workshop on "Problem Solving Skills using 'C' " from 24th to 30th December, 2018 in collaboration with Andhra Pradesh State Skill Development corporation (APSSDC). Around 180 students registered for this workshop and attended all the practical sessions. The resource persons of this workshop are from the faculty members recognized by APSSDC would cover a range of topics to enhance the programming skills of the students. Prof. T Subramanian Principal ANITS inaugurated the workshop. Dr. B. NagaRaju HOD Mechanical Engineering congratulated the participants. Dr. Ramakrishna Murthy convener APSSDC were presented in the inaugural session

### A nine day workshop on "Auto CAD & CATIA Designer"

Dept of Mechanical Engineering has organized A Nine DayWorkshop on "Auto CAD & CATIA Designer" from 29th April to 7th May, 2019 in collaboration with Andhra Pradesh State Skill Development corporation (APSSDC). Around 250 students registered for this workshop and attended all the practical sessions. The resource persons of this workshop are from the faculty members recognized by APSSDC would cover a range of topics to enhance the modelling skills of the students. Prof. T Subramanian, Principal ANITS inaugurated the workshop. Dr. B. NagaRaju HOD Mechanical Engineering congratulated the participants. Dr. Ramakrishna Murthy convener APSSDC were presented in the inaugural session.



#### Faculty/ Student Publications

#### (2018-19)

- Roop Sandeep Bammidi, K.Siva Prasad, Mechanical Behavior of Micro-Lattice Structure of BCC Architecture in Sandwich Construction Under Uni-axial Compressive Loading Conditions, International Journal of Polymer Science and Engineering, Vol.4, Issue:2, eISSN: 2455-8745, pp:1-23.
- Basa Nagaraju, Rajesh Ghosh, M Pavan Teja, Study of Lift and Drag Forces on sedan car by Varying Spoiler Angles, International Journal of Advanced Engineering Research and Applications (IJA-ERA), Vol.4, Issue:3, July, ISSN:2454-2377, pp:86-
- Y. Rajesh, Aditya Kolakoti, B.G.Chandra Shekar, J.Bhargavi, Optimization of Biodiesel Production from waste frying palm oil using definitive screening design, International Journal of Engineering, Science and Technology, Vol.11, No.2, pp.48-57
- R. Ganesh, Ch.Maheswara rao, B.Krishna Prafulla, Analysis of casting defects during filling of AA7075 in a mold cavity using Click2 cast simulation software, International Journal of Management, Technology and Engineering, Vol.9, Issue:2, Feb-19, ISSN: 2249-7455, pp.1544-
- B.B.Ashok Kumar, Ch.Maheswara rao, B.Naga raju, Influence of machining parameters while turning of EN19 steel under dry conditions, International Journal of Management, Technology and Engineering, Vol.9, Issue:2, Feb-19, ISSN: 2249-7455, Pg.1573-1579
- G.Babji, K.Praveen Kumar, K.L.G.Madhuri, K.M.Keerthana, K.Rajendra gowd, K.Uma mahesh , Design and self excited vibrational analysis in determination of frictional coefficient, International Journal of Management, Technology and Engineering, Vol.9, Issue:4, Feb-19, ISSN: 2249-7455, pp.222-
- A.P.S.V.R. Subrahmanyam. G.Naresh, V.Venkatesu, Microstructure and mechanical properties of rice husk ash reinforced aluminium alloy (A356.2) metal matrix composite, IOSR Journal of Engineering (IOSRJEN), Vol.8, Issue:6, ISSN:2250-3021, ISSN (p): 2278-8719, pp.36-42
- V. Bindu Neeharika, Ch. Maheswara Rao, A.V. Koushik, Abhishek Jena, B. Sai Kiran, G. Krishna Kumar, Prediction of Optimal Drilling Parameters in Machining of AA6061 Using TOPSIS, International Journal of Management, Technology and Engineering, Vol.9, Issue:3, March-19, ISSN: 2249-7455, pp.5095--5101
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- A.P.S.V.R Subrahmanyam, G. Rithvik Kumar, A. Mohan Satya Prasad, A.Uma Lakhsmi Kumari, Rohtih Adarsh Patnaik, Turbulent Flow Past - An Aircraft Forward Step Using ANSYS, International Journal of Management, Technology and Engineering, Vol.9, Issue:4, April-19, ISSN: 2249-7455, pp.2280-2286
- 12. K. S. Lalitha Soujanya, Ch. Durga Prasad, V. Bhargav Shiva Sai, V. Divyakanth, V. Hyndavi, B. Chanikya Varma , Design and Analysis of a TrestleJack for Four Wheel Drive SUVs with a Ground Clearance of 200 mm Using Solidworks, International Journal of Management, Technology and Engineering, Vol.9, Issue:4, April-19, ISSN: 2249-7455, pp.2269-2279
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- 35. T.Victor babu, Ch.Maheswara rao, Application of AHP and Utility methods in optimization of turning process parameters, Journal of Mechnaical & Mechanics Engineereing; ISSN: 2581-3722, Vol:4, Issue:4, pp.36-46
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# Faculty attended Workshops / Conferences/Seminars /FDP/STTP (2018-2019)

	S. No	Name of the Faculty	Name of the workshop/Confer- ence/seminar details	Atter	nded	Name of the organization
Ī				From	То	
	1	Prof B.Naga Raju	Advances in Hybrid Polymer Composite Engineering and ap- plications	06-06-2018	16-06-2018	ANITS
	2	Dr. Rajesh Gosh	Advances in Hybrid Polymer Composite Engineering and ap- plications	06-06-2018	16-06-2018	ANITS
	3	D S Sai Ravi Kiran	Advances in Hybrid Polymer Composite Engineering and ap- plications	06-06-2018	16-06-2018	ANITS
	4	M N V Krishna Veni	Advances in Hybrid Polymer Composite Engineering and ap- plications	06-06-2018	16-06-2018	ANITS
	5	P Ramya	Advances in Hybrid Polymer Composite Engineering and ap- plications	06-06-2018	16-06-2018	ANITS
	6	K S Lalitha Soujanya	Advances in Hybrid Polymer Composite Engineering and ap- plications	06-06-2018	16-06-2018	ANITS
	7	M Sailaja	Advances in Hybrid Polymer Composite Engineering and ap- plications	06-06-2018	16-06-2018	ANITS
	8	B B Ashok Kumar	Advances in Hybrid Polymer Composite Engineering and ap- plications	06-06-2018	16-06-2018	ANITS
	9	J V Bhanu Tej	Advances in Hybrid Polymer Composite Engineering and ap- plications	06-06-2018	16-06-2018	ANITS
	10	R D V Prasad	Advances in Hybrid Polymer Composite Engineering and ap- plications	06-06-2018	16-06-2018	ANITS
	11	P Siva V N B Gupta	Advances in Hybrid Polymer Composite Engineering and ap- plications	06-06-2018	16-06-2018	ANITS
	12	B Pradeep Kumar	Advances in Hybrid Polymer Composite Engineering and ap- plications	06-06-2018	16-06-2018	ANITS
	13	B G Chandra Sekhar	Advances in Hybrid Polymer Composite Engineering and ap- plications	06-06-2018	16-06-2018	ANITS
	14	P Bala Divya	Advances in Hybrid Polymer Composite Engineering and ap- plications	06-06-2018	16-06-2018	ANITS
1						

S. No	Name of the Faculty	Name of the workshop/Confer- ence/seminar details	Attended		Name of the organization
			From	То	
15	Kannam Sree Sruthi	Advances in Hybrid Polymer Composite Engineering and ap- plications	06-06-2018	16-06-2018	ANITS
16	Ronaki Suresh	Advances in Hybrid Polymer Composite Engineering and ap- plications	06-06-2018	16-06-2018	ANITS
17	Jakka Mahesh	Advances in Hybrid Polymer Composite Engineering and ap- plications	06-06-2018	16-06-2018	ANITS
18	M Chandra Sekhar	Advances in Hybrid Polymer Composite Engineering and ap- plications	06-06-2018	16-06-2018	ANITS AN- ITS
19	R D V Prasad	Introduction to Research	10-07-2018	10-07-2018	IIT Madras
20	M N V Krishna Veni	Introduction to Composites	01-01-2019	30/04/19	NPTEL
21	R D V Prasad	Multi-response opitmization of process parameters in Turn- milling Process An Experimental approach	05-02-2019	05-04-2019	
22	M Sailaja	Emerging trrends in mechanical engineering	01-09-2019	01-10-2019	NIT Warngal
23	K V Rukmini	Advance in Mechanical Engi- neering	03-11-2019	03-11-2019	Andhra Uni- versity
24	D S Sai Ravi Kiran	Advanced Scanning Electron Microscopy and Micro- Analysis	03-11-2019	15/03/19	IIT Kanpur
25	K Siva Prasad	Summer School Tribology	14/05/19	18/05/19	Indian Oil Institute of Petroleum Mangement, Gurugram.
26	Rajesh Gosh	Latest Innovations in Materials Engineering & Rechonology	15/06/18	16/06/18	Lendi Isti- tute of Engi- neering and Technology
27	K Satyanaray- ana	Icmpc	16/03/2018		GRIET Hy- derabad
28	R D V Prasad	Metallurgical Failures	18/03/19	23/03/19	IIT (BHU) Varanasi
29	Ch Ma- heswara Rao	Computational Fluid Dynamics	18/06/18	23/06/18	Gudlavalleru Engineer- ing College Vijayawada
30	M Chandra Sekhar	Recent Advances In Casting and Welding	22/02/19	28/02/19	IIT (BHU) Varanasi
31	S Phani Ku- mar	Innovative Mechanisms and standrads for assuring quality in Higher Education Institutions	22/03/19	23/03/2019	K L Univer- sity Guntur

					No. of Aller		
S. No	Name of the Faculty	Name of the workshop/Confer- ence/seminar details	Atter	nded	Name of the organization		
			From	То			
32	J V Banu Tej	Innovative Mechanisms and standrads for assuring quality in Higher Education Institutions	22/03/19	23/03/19			
33	K S Lalitha Soujanya	First couse in CFD-Develop- ment, Application & Analysis	25/06/19	29/06/19	IIT Bombay		
34	J V Banu Tej	Advancement in Materials, De- sign, And Manufacturing Meth- ods	29/03/19	30/03/19			
35	S Phani Ku- mar	ICLIET			Lendi Isti- tute of Engi- neering and Technology		
36	D S Sai Ravi Kiran	Innovate Teaching Mehods			Anits Vi- sakhapat- nam		
37	R Chandra Mouli	Introduction to Research			IIT Madras		
38	M Chandra Sekhar	Introduction to Research			IIT Madras		
39	B Pradeep Kumar	Introduction to Research			IIT Madras		
40	B Pradeep Kumar	Innovative teaching methods					
41	Jakka Mahesh	Challenges in Engineering Stream					
42	Ch Ma- heswara Rao	ICLIET			Lendi Isti- tute of Engi- neering and Technology		
43	M Prasanth Kumar	Material Processing and Char- acterization					
44	B B Ashok Kumar	Advances in Mechanical Engi- neering			Andhra University		
45	Ch Ma- heswara Rao	Advance Mention Matirals			NIT Rour- kela		
46	P Bala Divya	NPTEL Course on Icengines and Gas Turbines			IIT Guwahati		
47	B G Chandra Sekhar	QIP Short term course in Ad- vances in Laser Material Pro- cessing and Additive Manufac- turing					
48	Ch Ma- heswara Rao	Advances in Mechanical Engi- neering			Andhra University		

## INDUSTRIAL VISITS (2018-19)

					1	
S. No	Branch & year	Organization visited & its location	Nature of works in the Organisation	Date of the Visit	No. of students	Highlights of the Visit
1.	II year Mech-B	BHEL-HPVP, Vizag	Fabrication of Pressure ves- sels, Heat ex- changers, stor- age vessels, distillation col- umns and boilers by welding.	24/11/2018	59	
2.	II year Mech-C	BHEL-HPVP, Vizag	Fabrication of Pressure ves- sels, Heat ex- changers, stor- age vessels, distillation col- umns and boilers by welding.	01/12/2018	65	The visit was epito- mized in the end by a lecture in the R & D department on manu- facturing of compact heat exchangers for ISRO being used for space applications
3.	II year Mech-D	RINL Vizag Steel Plant, vizag	Steel Making in Various Product forms like Billets, Wire rods and Different sec- tions.	15/12/2018	61	Before embarking on to the actual industrial visit, a special lecture was arranged in T&P cell on industrial safe- ty and hazards by the safety Engineers.



## GOLD MEDALIST

2017-18



Regd. No: 314126520047 Name: DURGAM SAI SRAVYA SANJUSHA C.G.P.A: 8.77 2018-19



Regd. No: 315126520251 Name: SEEMUSURU GANGADHAR C.G.P.A: 9.37

# Academic Toppers (2018-2019)

IV/IV Mechanical – A							
S.No	Regd. No	Name	IV/IV Avg SGPA	Rank			
1 315126520004		ADIREDDI MANASA	9.65	1			
2	315126520017	BANISETTY SOMESWAR RAO	9.61	2			
IV/IV I	IV/IV Mechanical – B						
S.No	Regd. No	Name	IV/IV Avg SGPA	Rank			
1	315126520082	KANDIPALLI PHANINDRA	9.415	1			
2	315126520134	MEKALA SASI KUMAR	9.4	2			
IV/IV I	Mechanical – C		•				
S.No	Regd. No	Name	IV/IV Avg SGPA	Rank			
1	315126520161	PADAVALA VIJAY KUMAR	9.885	1			
2	315126520201	SEKHARAMANTHRI SURYA MANOJ	9.72	2			
IV/IV I	IV/IV Mechanical – D						
S.No Regd. No		Name	IV/IV Avg SGPA	Rank			
1	315126520253	GURUGUBELLI BALU MAHENDRA	9.585	1			
2 315126520281 KONATHALA LALITH SHA		KONATHALA LALITH SHANKAR	9.42	2			
III/IV N	Mechanical – A		•				
S.No	Regd. No	Name	III/IV Avg SGPA	Rank			
1	316126520031	KORADA SWAROOPA	9.265	1			
2	316126520019	GUNUPURU NAVEEN KUMAR	9.02	2			
III/IV N	Mechanical – B						
S.No	Regd. No	Name	III/IV Avg SGPA	Rank			
1	316126520129	GOLLA AKHIL SAI	9.135	1			
				-			

2	316126520096	MYLAPALLI DEVAKI NANDAN	9.02	2			
III/IV Mechanical – C							
S.No	Regd. No	Name	III/IV Avg SGPA	Rank			
1	316126520175	VEMIREDDY VENKATA SAI CHANDRA- KANTH	8.885	1			
2	316126520206	SALAPU ANESH	8.655	2			
III/IV N	Nechanical – D	·	-	•			
S.No	Regd. No	Name	III/IV Avg SGPA	Rank			
1	316126520253	GARLAPATI VENKATA NARASIMHA SAI	8.985	1			
2	316126520285	PECHETTI POORNA CHANDRA KUMAR	8.865	2			
II/IV N	lechanical – A	•		•			
S.No	Regd. No	Name	II/IV Avg SGPA	Rank			
1	318126520L09	P VENU SATYA JAYA RAJU	9.31	1			
2	317126520023	K GOUTHAM BHAGAVAN	9.29	2			
II/IV N	lechanical – B	·		•			
S.No	Regd. No	Name	II/IV Avg SGPA	Rank			
1	318126520L19	KORADA PAVAN KUMAR	9.35	1			
2	317126520107	PANUTHULA SREE MANOJ	9.025	2			
II/IV N	lechanical – C	·		•			
S.No	Regd. No	Name	II/IV Avg SGPA	Rank			
1	318126520L29	V PAVAN KUMAR	9.045	1			
2	318126520L36	P BHAVANI SANKAR	8.83	2			
II/IV N	lechanical – D	·	-	•			
S.No	Regd. No	Name	II/IV Avg SGPA	Rank			
1	317126520195	GURRAM RAVI TEJA	9.74	1			
2	317126520193	GANDI UDAY SAI	8.94	2			
I/IV M	echanical – A	·		•			
S.No	Regd. No	Name	I/IV SGPA	Rank			
1	318126520040	PATTISAPU VARAHA SANDEEP	9.56	1			
2	318126520055	VAMSI KRISHNA AMBATI	9.135	2			
I/IV M	echanical – B	·		•			
S.No	Regd. No	Name	I/IV SGPA	Rank			
1	318126520083	INDUKURI PURNA ADHITYA VARMA	9.47	1			
2	318126520106	POLLA SRIHARI	9.285	2			
I/IV M	echanical – C	·		•			
S.No	Regd. No	Name	I/IV SGPA	Rank			
1	318126520138	GOLLA NIKHIL DURGA SAI	9.35	1			
2	318126520120	BODDEPALLI CHANDRASEKHAR SAI SRINIVAS	9.295	2			
I/IV Mechanical – D							
S.No	Regd. No	Name	I/IV SGPA	Rank			
1	318126520183	KADARI MAHESH	9.81	1			
2	318126520184	KANTREDDY HAKILA SATYA PRIYANKA	9.655	2			

\*First year Mechanical A, B, C and D sections are considered based on the new Register Numbers allotted in first year semester-1

# GUEST LECTURES (2018-2019)

Name of the resource person	Торіс	Date	Students attended
Attada Rohit, Industrial Engineer, GENERAC Power System, W.I, USA.	Applications of Design software in Manufacturing industry	20-06-2018	210
D.VvijayBhaskarSastry, Regional Head, Academic relations, The Gate academy, Bangalore.	Career Opertunities for Mechanical Engineers	16-07-2018	130
Pratapv.v, Rs, CEMS, Trainer. Ganesh, CEMS & Ramesh yadav	Career Guidance and planning through CEMS (Centre of excellence in maritime & ship building)	09-08-2018	200
Mr. VarunSaravate, President- student activity, ISHRE-Vi- sakhapatnam Division	Refrigeration & Air conditioning unit- Industry Prospective	13-08-2018	40
Mr. G.M.RaajaMahendra, Sr Simulation Engineer, YUCAN Technologies, Bangalore	Advanced Finite Element Analysis	20-08-2018	190
K.S.R.Patnaik, GM(Electrical), SVC Projects Private Limited, President - ISHRAE Vizag. James Amand Abraham, Global Enter- prises & President - Elect, ISHRE Vizag. S.UARUN, Student head - ISHRE- Vizag	Industrial applications of centrifugal pumps in R&AC Division	11-12-2018	50
P.PushpaLatha, Director, P VK Educational consultant pvt.ltd	Career Opertunities for Mechanical Engineering-Overseas	22-01-2019	210
Mr GangadharChowdary, CEO,Pivotalsoft, Visakhapatnam	Technology & Industrial Needs - In- daian Perspective	13-02-2019	250
Mr. Bhagat Reddy, Manage, Aus- tralia, AECC, Global India Pvt Ltd, Dwarakanagarnagar, Vizag	Overseas Oppertunities for Mechani- cal Engineers	18-02-2019	300
MNS Chakravarthy, CEO, Career Baba, Vijayawada	Academic & Industry Gaps - Reme- dial measures	19-02-2019	50
Sri. DevendersinghNegi, Manag- ing Director of Engineers Hub	Basics of thermal & Fluid sciences	20-02-2019	150
Sri PradeepSarma, Chief operat- ing officer, APEX	Personality Development & Soft Skills	21-02-2019	80
	Attada Rohit, Industrial Engineer, GENERAC Power System, W.I, USA. D.VvijayBhaskarSastry, Regional Head, Academic relations, The Gate academy, Bangalore. Pratapv.v, Rs, CEMS, Trainer. Ganesh, CEMS & Ramesh yadav Mr. VarunSaravate, President- student activity, ISHRE-Vi- sakhapatnam Division Mr. G.M.RaajaMahendra, Sr Simulation Engineer, YUCAN Technologies, Bangalore K.S.R.Patnaik, GM(Electrical), SVC Projects Private Limited, President - ISHRAE Vizag. James Amand Abraham, Global Enter- prises & President - Elect, ISHRE Vizag. S.UARUN, Student head - ISHRE- Vizag P.PushpaLatha, Director, P VK Educational consultant pvt.ltd Mr GangadharChowdary, CEO,Pivotalsoft, Visakhapatnam Mr. Bhagat Reddy, Manage, Aus- tralia, AECC, Global India Pvt Ltd, Dwarakanagarnagar, Vizag MNS Chakravarthy, CEO, Career Baba, Vijayawada Sri. DevendersinghNegi, Manag- ing Director of Engineers Hub Sri PradeepSarma, Chief operat-	Attada Rohit, Industrial Engineer, GENERAC Power System, W.I, USA.Applications of Design software in Manufacturing industryD.VvijayBhaskarSastry, Regional Head, Academic relations, The Gate academy, Bangalore.Career Opertunities for Mechanical EngineersPratapv.v, Rs, CEMS, Trainer. Ganesh, CEMS & Ramesh yadavCareer Guidance and planning through CEMS (Centre of excellence in maritime & ship building)Mr. VarunSaravate, President- student activity, ISHRE-Vi- sakhapatnam DivisionRefrigeration & Air conditioning unit- Industry ProspectiveMr. G.M.RaajaMahendra, Sr Simulation Engineer, YUCAN Technologies, BangaloreAdvanced Finite Element AnalysisSwinulation Engineer, YUCAN Tesident - ISHRAE Vizag, James Amand Abraham, Global Enter- prises & President - Elect, ISHRE Vizag, S.UARUN, Student head - ISHRE- VizagIndustrial applications of centrifugal pumps in R&AC DivisionP.PushpaLatha, Director, P VK Educational consultant pvt.ltdCareer Opertunities for Mechanical Engineering-OverseasMr. GangadharChowdary, ctalia, AECC, Global India Pvt tralia, AECC, Global India Pvt tra	Attada Rohit, Industrial Engineer, GENERAC Power System, WI, USA.Applications of Design software in Manufacturing industry20-06-2018D.VrijayBhaskarSastry, Regional Head, Academic relations, The Gate academy, Bangalore.Career Opertunities for Mechanical Engineers16-07-2018Pratapv.v, Rs, CEMS, Trainer. Ganesh, CEMS & Ramesh yadavCareer Guidance and planning through CEMS (Centre of excellence in maritime & ship building)09-08-2018Mr. VarunSaravate, President- student activity, ISHRE-Vi- sakhapatnam DivisionRefrigeration & Air conditioning unit- Industry Prospective13-08-2018Mr. G.M.RaajaMahendra, Sr Simulation Engineer, YUCAN Technologies, BangaloreAdvanced Finite Element Analysis President - ISHRAE Vizag, James Amand Abraham, Global Enter- prises & President - Elect, ISHRE Vizag. S.UARUN, Student head - ISHRE- VizagIndustrial applications of centrifugal pumps in R&AC Division11-12-2018P.PushpaLatha, Director, P VKE Educational consultant pvt.ltdCareer Opertunities for Mechanical Engineering-Overseas22-01-2019Mr. Bhagat Reddy, Manage, Aus- tralia, AECC, Global India Pvt Ltd, Dwarakanagarnagar, VizagOverseas Oppertunities for Mechanical Engineers18-02-2019MNS Chakravarthy, CEO, Career aba, VijaywadaAcademic & Industry Gaps - Reme- dial measures19-02-2019Baba, VijaywadaBasics of thermal & Fluid sciences abas vijaywada20-02-2019

## **Social Activities**

#### Say No to Plastic

The department of Mechanical Engineering has organized a social awareness programme on SAY NO TO PLASTIC in association with SESON welfare association along with LIONS club, Vishakhapatnam on 15th August, 2018. Sri. P. Vijayakar, chief vigilance officer, ViagSteeel., Prof. U Umaheswara Rao Registrar, Andhra University and Prof. T. V HanumanthaRao Principal ANITS has graced occasssion



#### ii. Titli Cyclone Relief Activity

The student of Mechanical Engineering Department are involved in helping the victims of TITLI cyclone in the area of Srikakulam district. The students are distributed food packets, milk packets, water packets, medicines and clothes. This activity was done on 15th October, 2018. The principal, ANITS appreciated the Mechanical Engineering students for the service rendered by them.







#### iii. New compassion for India

The Third year mechanical engineering students are came forward and contributed their might in the form of food, rice bags, books, groceries to the orphanage home named "New compassion for India" located at Vepagunta, Vishakapa-tnam. This activity was done on 9th December, 2018.



# NSS ACTIVITIES (2018-2019)

Sl.No	Name of the NSS event	Name of the	Dates of the event
		organization	
1	Fund Collection for poor	ANITS	19-07-2018
			20-07-2018
2	Swatch ANITS	ANITS	21-07-2018
3	Save Water for Life Poster Presentation in ANITS	ANITS	26-07-2018
4	Tribute to APJ Abdul Kalam	ANITS	27-07-2018
5	Save Water Rally at Thagarapuvalasa & Chittivalasa	ANITS	27-07-2018
6	NRI Blood Donation Camp	ANITS	13-08-2018
7	Swatch ANITS	ANITS	14-08-2018
8	Plantation in ANITS on INDEPENDENCE DAY	ANITS	15-08-2018
			16-08-2018
9	NRI Dental Camp	ANITS	20-08-2018
10	Medical Camp at NRI	ANITS	22-08-2018
			23-08-2018
11	NRI Blood Donation	ANITS	30-08-2018
12	Eco Ganesha Program	ANITS	12-09-2018
13	Fund Collection for Orphanage Home	ANITS	26-09-2018
			27-09-2018
14	Relief Camp on Srikakulam Cyclone(TITLY)	ANITS	14-10-2018
15	Fund Raised for ANITS Non-Teaching Staff (Sudden Expiry)	ANITS	05-12-2018
	for his Family		
16	Group Discussion on Social Events	ANITS	26-02-2019
17	Swatch ANITS for Fest	ANITS	24-02-2019
18	NRI Blood Donation Camp	ANITS	15-03-2019
19	Visakha Police Commissioner Election Duties for NSS	ANITS	10-04-2019
			11-04-2019
20	Enrollment of new students (I/IV) for NSS	ANITS	22-04-2019









# ISHRAE ACTIVITIES (2018-2019)



# U TOO CAN ACTIVITIES (2018-2019)













## PHOTO GALLERY





















#### 2015-2019







