DEPARTMENT OF MECHANICAL ENGINEERING
Andhra Loyola Institute of Engineering & Technology
(Approved by AICTE, New Delhi & Affiliated to JNTUK)
(An ISO 9001:2008 Certified Institution)
Vijayawada - 520008

THE NEWSLETTER

(AY: 2018-19)

MECHANICAL ENGINEERING

Mechanical Engineering is the discipline that applies the principles of engineering, physics and material science for the design, analysis, manufacturing and maintenance of mechanical systems. It is the branch of engineering that involves the design, thermal, production and operation of machinery. It is one of he oldest and broadest of the engineering disciplines.

ISSUE SPECIAL

- FDP
- GUEST LECTURES
- WORKSHOPS
- CONFERENCES
- INTERNSHIPS
- COMPETITIONS
- SPORTS
- PLACEMENTS
- EXTENSION ACTIVITIES

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At the outset i sincerely thank "Almighty GOD", the supreme power for giving me good knowledge, courage and strength in completing this Fifth newsletter in time.

I Hope that this edition will acknowledge the department efforts and inspire the faculty to excel.

NEWSLETTER EDITOR

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EDITORIAL BOARD

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Professor & Head of the Department

EDITOR : Mr. JOHN RAJA RAVI KIRAN KOPELLI
Assistant Professor

STUDENT COMMITTEE

IV YEAR

1. Shashank, Regd. No.: 15HP1A0354, Section-A
2. E. Pruthvi, Regd. No.: 15HP1A0392, Section-B

III YEAR

1. K Manoj, Regd. No.: 17HP5A0305, Section-A
2. P. Nysson, Regd. No.: 16HP1A0322, Section-A
3. Jagadeesh, Regd. No.: 17HP5A0324, Section-B
4. Harish, Regd. No.: 16HP1A0378, Section-B

II YEAR

1. M Mahidhar Reddy, Regd. No.: 17HP1A0323, Section-A
2. G Harish, Regd. No.: 17HP1A0317, Section-A
3. Chaitanya Sai, Regd. No.: 18HP5A0319, Section-B
4. N Vyas, Regd. No.: 17HP1A0352, Section-B
5. Suneel, Regd. No.: 18HP5A0331, Section-C
6. Vedavyas, Regd. No.: 17HP1A03A8, Section-C

ALIET ADMINISTRATIVE BODY

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Assistant Director

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Assistant Director

Bro. G. Thomas Bellarmine SJ
Treasurer

VISION

In accordance with the Jesuit vision of higher education, ALIET imparts technical education in the realm of higher education with integral formation which involves academic excellence, spiritual growth, social commitment and value based leadership.

MISSION

The mission of Jesuit education at ALIET is to form 'men and women for others' and mould them as global citizens with competence, conscience and compassionate commitment. Special concern is shown towards socially and economically marginalized students.

HOD's Column

My Dear Colleagues & Students,

I am happy to share my excitement with all of you on the occasion of releasing ***Fifth Newsletter*** *of Department of Mechanical Engineering, ALIET. I congratulate all who had contributed for this newsletter in a wonderful manner and I except a better newsletter every time.*

I wish all faculty & students of Department of Mechanical Engineering good luck in all your future endeavours.

Dr. B. V. Sudheer Kumar
Professor & HOD
Dept of Mech Engineering

VISION OF THE DEPARTMENT

To become a centre of excellence in the mechanical engineering discipline with effective teaching and learning environment to meet the changing and stimulating needs of the modern industry, research organizations, ignite entrepreneurship skills to enhance national wealth and to serve the society.

MISSION OF THE DEPARTMENT

- To impart quality education in undergraduate, leading to careers as mechanical engineering professionals in the industry, government, academic & organizations.
- To develop human resources required to analyze, design, manufacture and optimize the performance of mechanical, thermal and manufacturing systems.

PROGRAM EDUCATIONAL OBJECTIVES

- To train the students with good scientific, engineering and manufacturing breadth so as to understand, analyze, design, and create new products and to find solutions to complex engineering problems.
- To provide the students with a strong foundation in mathematics, science and engineering fundamentals required to solve technical problems, to pursue higher studies and to communicate as efficient engineering professionals.
- To provide the students an excellent academic environment favourable for acquiring leadership qualities, ethical codes and aptitude for lifelong learning needed for successful professional careers.

Summary of Department Activities in EVEN Semester during Academic Year 2018-19

S. No	Activity	Date/s	Title of The Event/Topic	Beneficiary	Details of Resource Person/Organization
1	Faculty Development Programme	14th Nov, 2018 to 16th Nov, 2018	Operation & Maintenance of Thermal Power Plants	Faculty	Department of Mechanical Engineering, ALIET in association with SYNERGEM
2	Guest Lectures	29th Dec, 2018	Peace & Harmony to Technical Students	B.Tech II Year Students	Dr. Dvimalane, Professor, ANU, Guntur
		09th Jan, 2019	Welding Technologies & Quality Control	B.Tech III Year Students	Mr. J. Praveen Patnaik, Technical Manager, IIS NDT & ALLIED Services Pvt. Ltd
		20th Feb, 2019	Instrumentation and Control systems in Thermal power plants	B.Tech III Year Students	Mr.V.Madhusudhana Rao Deputy Executive Engineer VTPS - VIJAYAWADA
3	Workshops	10th Dec, 2018	Entrepreneurship Awareness Campaign	B.Tech III Year Students	Dr. Murthy, Professor. ANU, Guntur
		15th Dec, 2018	Dassault Workshop	B.Tech I Year Students	Mr. Vijay Kumar, MD, CREATUAL CAD
		09th Jan, 2019	Welding Technologies & Quality Control	B.Tech III Year Students	Mr. J. Praveen Patnaik, Technical Manager, IIS NDT & ALLIED Services Pvt. Ltd
		20th Feb, 2019	Instrumentation & Control Systems in Thermal Power Plants	B.Tech III Year Students	Mr. V. Madhusudana Rao, Deputy Divisional Engineer, NTTPS
		08th Mar, 2019	3D Printing	B.Tech III Year Students	Mr. Prem Ajay, Managing Director
		14th Mar, 2019	Applications of Non-Destructive Evaluations & Quality Control	B.Tech IV Year Students	Mr. Vijay Kumar, MD & CEO, FUTURE NDT

S. No	Activity	Date/s	Title of The Event/Topic	Beneficiary	Details of Resource Person/Organization
4	Extension Activity	25th Feb, 2019	Two Wheel Vehicles & Its Troubleshooting Techniques	Students of Government ITI, Vijayawada	ALIET Mechanical Engineering Students
		26th Feb, 2019		Students of St. Joseph's ITI, Vijayawada	
		13th Mar, 2019		Students of ALIET, Vijayawada	
		18th Mar, 2019		Andhra Loyola Walkers Association, Vijayawada	

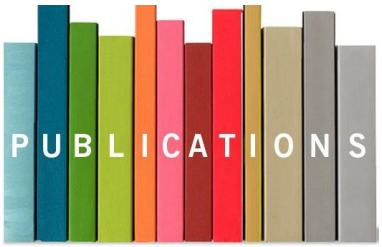
"All Growth depends upon activity.
There is no development physically or intellectually without effort, and effort means work" – Calvin Coolidge

S. No	Name of the Faculty	FDP Topic	Organizing Institution	Date
1	Ch. Ranga Rao	Research Skills Development	Dept. of Mech. Engg. PVPSIT, Vijayawada	9th -13th Apr, 2018
2	M. Srinivasa Reddy	Current Trends in Aerospace	APSSDC, in association with Dassault Systems & ANU	4th – 6th Feb, 2019
3	M. Srinivasa Reddy	Product Development on 3D Experience	APSSDC, in association with Dassault Systems & VVIT	20th – 22nd Nov,2018
4	S. P. K. Mithra			
5	Dr. O. Mahesh	Operation and Maintenance of Thermal Power Plants	Department of Mechanical Engineering, ALIET Vijayawada in association with SYNERGEM	14th – 16th Nov, 2018
6	B. Sudheer Kumar			
7	Dr. B. V. Sudheer Kumar			
8	Ch. Ranga Rao			
9	M. Sudhakar			
10	B. Susmitha			
11	M. Srinivasa Reddy			
12	G. G. Srinivas			
13	K. Teja Swarup			
14	M. Geeta Rani			
15	John Raja Ravi Kiran Kopelli			
16	E. Durgesh			
17	T. L. Prasanna Kumar			
18	S. P. K. Mithra			
19	T. V. Srinivasa Rao			
20	N. Naga Varun			
21	B. Rama Rao			
22	Sk. Salman Beebi			
23	B. Sree Chaitanya			
24	T. Subba Reddy			
25	Dr. B. V. Sudheer Kumar	Artificial Intelligence, Machine Learning & Block Chain Technology in Production & Supply Chain Management	E&ICT Academy, Dept. of Mech. Engg. NIT, Warangal	25th-30th Apr, 2019
26	Ch. Ranga Rao			
27	M. Srinivasa Reddy			
28	S. P. K. Mithra			
29	T. Subba Reddy			

S. No	Title of the Guest Lecture	Beneficiary	Guest Speaker	Date
1	Peace & Harmony to Technical Students	2nd Year Students	Dr. Dvimalane, Professor, ANU, Guntur	29th Dec, 2018
2	Welding Technologies & Quality Control	3rd Year Students	Mr. J. Praveen Patnaik, Technical Manager, IIS NDT & ALLIED Services Pvt. Ltd	9th Jan, 2019
3	Instrumentation and Control systems in Thermal power plants	3rd Year Students	Mr.V.Madhusudhana Rao Deputy executive engineer VTPS-VIJAYAWADA	20th Feb, 2019

"Try to learn something about everything and everything about something" -

S. No	Title of the Workshop	Beneficiary	Guest Speaker	Date
1	Entrepreneurship Awareness Campaign	3rd Year Students	Dr. Murthy, Professor. ANU, Guntur	10th Dec, 2018
2	Dassault Workshop	1st Year Students	Mr. Vijay Kumar, MD, CREATUAL CAD	15th Dec, 2018
3	Welding Technologies & Quality Control	3rd Year Students	Mr. J. Praveen Patnaik, Technical Manager, IIS NDT & ALLIED Services Pvt. Ltd	9th Jan, 2019
4	Instrumentation & Control Systems in Thermal Power Plants	3rd Year Students	Mr. V. Madhusudana Rao, Deputy Divisional Engineer, NTTPS	20th Feb, 2019
5	3D Printing	3rd Year Students	Mr. Prem Ajay, Managing Director	8th Mar, 2019
6	Applications of Non-Destructive Evaluations & Quality Control	4th Year Students	Mr. Vijay Kumar, MD & CEO, FUTURE NDT	14th Mar, 2019



	Mrs. M. Geeta Rani had Published a paper titled **"Prediction and Optimization of Machining Parameters for cutting Al6061/MoS_2 MMC Material by WEDM Process"** in Journal of Engineering and Applied Sciences 13(20):8483-8488,2018, ISSN:1816-949X, Medwell Journals 2018
	Mrs. T. Subba Reddy had Published a paper titled **"Optimization of Shell and Tube Heat Exchanger Design in Organic Rankine Cycle System Using Kinetic Gas Molecule Optimization"** in International Journal of Intelligent Engineering and Systems, Vol.12, No.2, 2019, DOI:10.22266/ijies2019.0430.29

"People may not always believe what you say, but they will believe what you do"

CONFERENCES

	Ms. Sk. Salman Beebi Presented a paper titled **"Two Dimensional Braided Composite Material by using Computational Fluid Dynamics"** at ICETESTM-2019 Aditya Institute of Technology & Management, Tekkali, Srikakulam on 29th-30th Nov, 2018
	Mr. B. Sudheer Kumar Presented a paper titled **"Investigation of the Influence of Twin pin Tool Geometry in Friction Stir Welding of Dissimilar Al Alloys"** at 9th ICMPC-2019 GRIET, Hyderabad on 8th -10th Mar, 2019
	Mr. N. Naga Varun Presented a paper titled **"Calculation of Exergy destruction of various components by Performing Exergy Analysis on Stage-1 of VTPS"** at ICSICM-2019, Mangalam College of Engineering, Kottayam on 16th -17th May, 2019
	Mr. T. Subba Reddy Presented a paper titled **"Calculation of Exergy destruction of various components by Performing Exergy Analysis on Stage-1 of VTPS"** at ICSICM-2019, Mangalam College of Engineering, Kottayam on 16th -17th May, 2019
	Mrs. B. Susmitha Presented a paper titled **"Condition Monitoring For Rotating Machines Using Vibration analysis :A Review"** at CTAMES-2019 on 29th -30th Apr, 2019 Mrs. B. Susmitha Presented a paper titled **"Efficient Design And Analysis Of Connecting Rod Using Catia And Ansys"** at CTAMES-2019 on 29th -30th Apr, 2019
	Mr. M. Srinivasa Reddy Presented a paper titled **"Performance Analysis of Vortex Tube Refrigerator"** at CTAMES-2019 on 29th -30th Apr, 2019
	Mr. S. P. K. Mithra Presented a paper titled **"Performance Analysis of Vortex Tube Refrigerator"** at CTAMES-2019 on 29th -30th Apr, 2019
	Ms. B. Sree Chaitanya Presented a paper titled **"Performance Analysis of Vortex Tube Refrigerator"** at CTAMES-2019 on 29th -30th Apr, 2019

STUDENT EVENT PARTICIPATIONS

S. No	Date	Name of the Student	Event	Type of Event	Place/ Position	College /Institution
1	21-02-19	Kondareddy	Poster	Single	Second	GEC
2	15-02-19	T. Siva Sai	Auto CAD	Single	Second	SRKIT, Enikepadu
3	15-02-19	Ch. Sai Kumar	Technical Quiz	Team	First	SRKIT, Enikepadu
4	15-02-19	G. Venkatesh	Technical Quiz	Team	First	SRKIT, Enikepadu
5	15-02-19	N. Sai Kishore	Technical Quiz	Team	First	SRKIT, Enikepadu
6	15-02-19	G. Venkatesh	Poster	Single	First	SRKIT, Enikepadu
7	15-02-19	Ch. Sai Kumar	Poster	Single	Participation	SRKIT, Enikepadu
8	15-02-19	N. Sai Kishore	Poster	Single	First	SRKIT, Enikepadu
9	04-01-19	T. Siva Sai	Auto CAD	Single	Participation	Usha Rama
10	04-01-19	Sunil	Poster	Single	First	Usha Rama
11	04-01-19	T. Siva Sai	Poster	Single	Participation	Usha Rama

GREEN CLUB

S. No	Regd. No.	Name of the Student	Class
1	16HP1A0301	B. Bhavani Yadav	III Mech A
2	16HP1A0313	P. Jitendra Sairam	
3	16HP1A0322	P. Nysson	
4	17HP1A0305	J. Manoj Kumar	
5	17HP1A0307	P. Surya Prakash Rao	
6	17HP1A0311	B. Hemanth Kumar	
7	16HP1A0369	E. Bala Aditya	III Mech B
8	16HP1A0384	P. Martin Pailey	
9	16HP1A0385	U. Mohan Reddy	
10	16HP1A0388	M. Pavan Kumar	
11	16HP1A03A2	T. Siva Sai	
12	17HP5A0333	M. Tagore Krishna	
13	17HP1A0304	N. Sai Mrudula	II Mech A
14	17HP1A0323	M. Mahidhar Reddy	
15	17HP1A0329	V. Prakash	
16	17HP1A0347	P. Venkaiah Naidu	II Mech B
17	17HP1A0352	N. Vyas	
18	18HP5A0313	S. Umachandra Raju	
19	18HP5A0319	K. Chaitanya Sai Kumar Ayyan	
20	17HP1A0378	B. Manikanta	II Mech C
21	17HP1A0379	A.N.S. Harsha Vardhan	
22	17HP1A03A9	M. Veera bhargav	

IV YEAR STUDENTS				
Name of the Students	**Regd. No**	**Details of the Company**	**Duration**	**Date/s**
R. V. H. N. Sashank	15HP1A0354	Maruthi Suzuki (Vijayawada)	28 Days	4th May, 2018 to 2nd June 2018
D. Madhu Babu	15HP1A0324			
G. Gopi	15HP1A0311			
M. Surendra	15HP1A0347	APGENCO (IBM)	4 Days	2nd June 2018 to 5th June 2018
K. Anand Kumar	15HP1A0303			
Prabath Kumar	15HP1A0334	Hyundai, Vijayawada	41 Days	20th April, 2018 to 1st June, 2018
P. Pavan Kumar	15HP1A0333	Vizag Steel Plant		
G. Saikanth	15HP1A0340			
P. Grace Betsy	15HP1A0361	KCP Sugars, Vuyyur	35 Days	25th April to 31st May, 2018
Syed Abdul Jabbar	15HP1A0364			
T. Ajay Kumar	15HP1A0365			
Md. Gulam	15HP1A0372			
V. Vinodh	15HP1A0374			
Abdul Salman	15HP1A03A0			
M. Srikanth	15HP1A03A7	Varun Motors, Vijayawada	30 Days	8th May to 8th June, 2018
P. Naga Ramesh	15HP1A0383			
P. Sai Sankar	15HP1A0399	TATA Industries		
K. Yaswanth	15HP1A03B3			
Y. Lakshman	15HP1A0378	BEL	30days	10th May to 9th June, 2018
E. Prudhvi	15HP1A0392	Automotive Manufactures Ltd	15 days	15th May to 30th May, 2018
Ch. Bharadwaj	15HP1A0370			
Md. Sharif	15HP1A0396			

"Being a student is easy. Learning requires actual work" – William Crawford

III YEAR STUDENTS				
Name of the students	**Regd. No**	**Details of the company**	**Duration**	**Date/s**
P. Sujith Vamsi	16HP1A0340	Maruthi Suzuki automobiles, Vijayawada	11 days	15-05-18 to 31-05-18
V. Akhil	16HP1A0338			
G. Teja Narasimha	16HP1A0343	Honda Automobiles, Vijayawada	9 days	22-04-18 to 31-05-18
T. Ajay Kumar	16HP1A0366	CITD, Bangalore	30 days	02-05-18 to 01-06-18
Asad. Shaik	16HP1A0368	Jaipurna Engineering, Pune	20 days	20-05-18 to 10-06-18
E. Bala Aditya	16HP1A0369	Varun Motors, Vijayawada	15 days	25-05-18 to 09-06-18
M. Chaitanya Kumar	16HP1A0373			
Tejaswi	16HP1A0302	Railway Diesel Workshop Vijayawada	20 days	05-05-18 to 25-05-18
Priyanka	16HP1A0304			
Charan Sai Raj	16HP1A0309	KCP Sugars Ltd, Vijayawada	35 days	25-04-18 to 30-05-18
Konda Reddy	16HP1A0316	Paru Engineering Ltd, Hyderabad	52 days	18-04-18 to 10-06-18
Pavan Kumar	16HP1A0325			
Prudvi	16HP1A0327	Radha Madhav Toyota, Vijayawada		
P. Harish	16HP1A0378	Varun Motors, Vijayawada	30 days	1-05-18 to 30-05-18
G. Manikanta	16HP1A0383			
P. Martin	16HP1A0384			
M. Pavan	16HP1A0388			
G. Sharon Kumar	16HP1A03A1			
K. V. Prabhu Sai Krishna	16HP1A03A8			
K. Durga Pradesh	17HP1A0325			
Anil	17HP1A0330			
T. Siva Sai	16HP1A03A2	CITD, Bangalore	30 days	1-05-18 to 30-05-18

"Tell me and I forget, teach me and i may remember, involve me and i learn" – Benjamin

AAGNA GLOBAL SOLUTIONS					
M. JANAKI 15HP1A0362	A.VIDHYA SAGAR 15HP1A03B2	P. SAI SANKAR 15HP1A0399	V.ARAVIND 15HP1A0367	B.NIKHIL 16HP5A0326	S.K. MABU SUBHANI 15HP1A0323
M.D. GULAM 15HP1A0372	P.BEULAH GRACE BETSY 15HP1A0361	L.SRAVANI 16HP5A0306	R.V.H.N.SASHANK 15HP1A0354	S.K.FAROOQ 15HP1A0310	

BALAJI INDUSTRIES					
M.PRASAD 16HP5A0316	E.PRUDHVI 15HP1A0392	K.SAI KALYAN 16HP5A0318	SAI KUMAR 16HP5A0319	B.NIKHIL 16HP5A0326	SAMBIREDDY 15HP1A0323
SRINIVASA RAO 15HP1A0346	SURENDRA 15HP1A0347	NAGARAMESH 15HP1A0383	MOHAN KALYAN 16HP5A0325	SWARJANA RAJU 15HP1A0349	ASHUR ALI 16HP5A0309
SRIKANTH NAIK 15HP1A03A8	MADHU BABU 15HP1A0324				

GSG				Intellicrafts InfoSolutions
SD ABDUL JABBAR 15HP1A0364	K.SAI KALYAN 16HP5A0318	P. SAI SANKAR 15HP1A0399	ABDUL SALMAN 15HP1A03A0	M.D. GULAM 15HP1A0372

FUTURE NDT					
E.PRUDHVI 15HP1A0392	MADHU BABU 15HP1A0324	V.ARAVIND 15HP1A0367	P. SAI SANKAR 15HP1A0399	P. SAI 15HP1A0317	15HP1A0394 K. RAJEEV 15HP1A0394
O. SATISH 15HP1A03A3	B.NIKHIL 16HP5A0326	P.D.SRINIVASA RAO 16HP5A0314	M.PHANINDRA KUMAR 16HP5A0332	M. BHAGYA RAJU 15HP1A0369	M.PAVAN 15HP1A0332
A.VIDYA SAGAR 15HP1A03B2	S.K.FAROOQ 15HP1A0310	SRINIVASA RAO 15HP1A0346	ASHUR ALI 16HP5A0309	SK.NASEERUDDIN 15HP1A0329	R.V.H.N.SASHANK 15HP1A0354
M.D. GULAM 15HP1A0372	L.SRAVANI 16HP5A0306	D.BHARATH KUMAR 15HP1A0305	SD ABDUL JABBAR 15HP1A0364	SK.KALEESHAVALI 15HP1A03A4	15HP1A0309
ABDUL SALMAN 15HP1A03A0					

NANDEE NETWORKS					
M.PHANINDRA KUMAR 16HP5A0332	P.RANJITH KUMAR 15HP1A0395	K.SAI KALYAN 16HP5A0318	K.JASWANTH 16HP5A0311	SAI KUMAR 16HP5A0319	CH. BHARDWAJ 15HP1A0370
SWARJANA RAJU 15HP1A0349	ABDUL SALMAN 15HP1A03A0	ASHUR ALI 16HP5A0309	V.HEMA VINODH 15HP1A0374		

VARUN MOTORS PVT LTD					
P. SAI SANKAR 15HP1A0399	MADHU BABU 15HP1A0324	K.TEJA 15HP1A0350	K.PRABATH VARUN 15HP1A0334	KLNSN SIDDARTHA 15HP1A0320	SK.NASEERUDDIN 15HP1A0329
R.V.H.N.SASHANK 15HP1A0354	S.K.FAROOQ 15HP1A0310	M.PRASAD 16HP5A0316	Y.PAVAN KUMAR 15HP1A0380	E.PRUDHVI 15HP1A0392	A.LAKSHAMANA RAO 15HP1A0321
MOHAN KALYAN 16HP5A0325	CH.OM.PRAKASH REDDY 15HP1A0387	SD ABDUL JABBAR 15HP1A0364	V.ARAVIND 15HP1A0367	A.VIDYA SAGAR 15HP1A03B2	

VEE TECHNOLOGIES		
B.NIKHIL 16HP5A0326	15HP1A0311 G.GOPICHAND 15HP1A0311	SD ABDUL JABBAR 15HP1A0364

ZENUS GROUP			
K.SAI KALYAN 16HP5A0318	M.PHANINDRA KUMAR 16HP5A0332	L.SRAVANI 16HP5A0306	S.K.FAROOQ 15HP1A0310

KABADDI

S. No	Date of Event	Student Details	Year of Study	Event Venue	Event Level	Awards/Place
1	09-03-19	K. Narendra	III Year	GEC	Central Zone	Runner
2		B. Pavan Kumar	III Year			
3		S. Konda Reddy	III Year			
4		M. Rama Krishna	II Year			
5		L. Gopichand	I Year			
6	15-2-19	S. Konda Reddy	III Year	DIET	Zone - C	First
7		K. Narendra				
8		M. Rama Krishna	II Year			

Andhra Loyola Institute of Engineering and Technology (ALIET) team is the runners of the Kabaddi tournament organised by JNTU Kakinada at Gudlavalleru Engineering College in Gudivada in Krishna district on March 9 and 10, according to the ALIET physical director Y Rajesh on Monday Vijayawada: Andhra Loyola Institute of Engineering and Technology (ALIET) team is the runners of the Kabaddi tournament organised by JNTU Kakinada at Gudlavalleru Engineering College in Gudivada in Krishna district on March 9 and 10, according to the ALIET physical director Y Rajesh on Monday. Rajesh said after the preliminary league matches, Kakinada Engineering College Kabaddi team and ALIET Kabaddi team entered the finals. After a tough fight between the two finalists, the Kakinada Engineering College team emerged as the winners of the tournament with a difference of seven points over the ALIET team. Advertise With Us He said that the ALIET team's excellent performance in the league match against Visakhapatnam team and Kakinada team had paved way to enter the finals. All the credit goes to the coach Padmaja for their achievement, said Rajesh. College director Fr Xavier, assistant director Fr Anil, Fr Chiranjeevi, Principal Dr O Mahesh and others congratulated the college team on their achievement.

CRICKET

S. No	Date of Event	Student Details	Year of Study	Event Venue	Event Level	Awards/Place
1	06-03-19	A.Vidya Sagar	IV Year	JNTUK	Central Zone	Third
2		M. Pawan				
3		K. Sambi Reddy				
4		M. Chandrasekhar	III Year			
5		B. Ankamma Rao	II Year			
6	25-02-19	K. Sambi Reddy	IV Year	LBRCE, Mylavaram	Zone - C	First
7		A.Vidya Sagar				
8		M. Pawan				
9		V. Sasank	III Year			
10		M. Chandrasekhar				
11		B. Ankamma Rao	II Year			

DISCUSS THROW

S. No	Date of Event	Student Details	Year of Study	Event Venue	Event Level	Awards/ Place
1	03-03-19	M. Rama Krishna	II Year	Aditya Engineering College	Zone - C	Second

PRAGYA

…to bring awareness

Extension Program Report

on

TWO WHEEL VEHICLES & TROUBLESHOOTING TECHNIQUES

S. NO	Date/s	Event/Activity	Beneficiary	Mode of Awareness
1	25-01-2019	Training at AMW Two Wheeler Garage, Vijayawada	Participating Students (II B.Tech)	-
2	25-02-2019	Government Industrial Training Institute, Vijayawada	ITI Students	PowerPoint Presentation
3	26-02-2019	St. Joseph's Industrial Training Institute, Gunadala, Vijayawada	ITI Students	PowerPoint Presentation
4	13-03-2019	Andhra Loyola Institute of Engineering & Technology, Vijayawada	ALIET Students & Faculty	Practical Demonstration of trouble shooting using Two wheel Vehicle Parts, Consumables, tools etc & by distributing Vehicle Maintenance Pamphlets
5	18-03-2019	Andhra Loyola Walkers Association, Vijayawada	Members of Walkers Association	Practical Demonstration of trouble shooting using Two wheel Vehicle Parts, Consumables, tools etc & by distributing Vehicle Maintenance Pamphlets

ABOUT THE PROGRAM

A two-wheeler makes our daily commute much easier and is the most convenient mode of transport in cities with high traffic density. However, if you use your two-wheeler too often, you might wish to know how to maintain. Maintaining your bike regularly helps it to perform at its peak and ensures that you can enjoy safe and problem-free riding. Safety goes hand in hand with timely maintenance. It's sort of a preventive measure. Periodic inspection, adjustment and lubrication are really important to keep your motorcycle in the safest and most efficient condition.

The Department of Mechanical Engineering conducted awareness programme on "Two Wheel Vehicles & its trouble shoot Techniques" on 25-02-2019, 26-02-2019, 13-03-2019 & 18-03-2019 for the students of Government Industrial Training Institutes, St. Josephs Industrial Training Institute, Andhra Loyola Institute of Engineering and Technology and members of ALC Walkers Association, Vijayawada. 14 II B.Tech Mechanical Engineering Students actively participated in all the events along with the ALIET Extension Coordinator Mr. A. Rajesh & Incharge-Department Extension activities Mr. John Raja Ravi Kiran Kopelli. The main aim of this extension program is to bring minimum awareness of basic trouble shoot techniques in two-wheeler. The Basic Topics covered in these extension activities were Engine oil Change, Engine Oil Filter, Air Filter, Clutch adjustment, Spark Plug Cleaning & Gap Adjustment, Tyres, Drive Chain lubrication & adjustment, Disc & Drum Brakes, Service & Maintenance.

S. NO	TOPIC	TEAM
1	Engine Oil & Oil Filters	K. Chaitanya Sai Kumar Ayyan Putti Naga Babu
2	Air Filters	Shaik Asif Shaik Zakavulla
3	Clutch Adjustment	
4	Spark Plug Cleaning & Gap Adjustment	Nomula Sai Meghana Ch. Vedavyas
5	Tyres – Tube & Tubeless	Nomula Sai Mrudula Manda Mahidhar Reddy
6	Drive Chain lubrication & adjustment	Vaddeshwaram Prakash Regulagedda Sunil Krishna
7	Disc & Drum Brakes	Polanki Ignatius Katuri Teja
8	Service & Maintenance	Pothuraju Girish Chandra Shaik Yusuf

Activity: 1	II B.Tech Students Training at AMW Two Wheeler Garage, Vijayawada
Date: 25-01-2019	No of Students Participated: 14

Motorbike mechanism is very similar to human mechanism. They have homogeneous working principle. To understand this working, visual & practical experience plays a vital role. This training at AMW Two Wheeler Garage, Vijayawada helped the students to provoke their thoughts in better understanding of your Motorbike Mechanism. Mr. R. Anil Kumar, Owner & Yamaha Certified person of AMW Two Wheeler Garage/service Point, Vijayawada helped the students to learn practically about every aspect of Two Wheel Vehicle.

Activity: 2	Government Industrial Training Institute, Vijayawada
Date: 25-02-2019	No of Students Participated: 14

S. NO	TOPIC	NAME OF THE STUDENT
1	Engine Oil & Oil Filters	K. Chaitanya Sai Kumar Ayyan
2	Air Filters	Shaik Zakavulla
3	Clutch Adjustment	
4	Spark Plug Cleaning & Gap Adjustment	Ch. Vedavyas
5	Tyres – Tube & Tubeless	Nomula Sai Mrudula
6	Drive Chain lubrication & adjustment	Vaddeshwaram Prakash
7	Disc & Drum Brakes	Polanki Ignatius
8	Service & Maintenance	Pothuraju Girish Chandra

Activity: 3	St. Joseph's Industrial Training Institute, Vijayawada
Date: 26-02-2019	No of Students Participated: 14

S. NO	TOPIC	NAME OF THE STUDENT
1	Engine Oil & Oil Filters	Putti Naga Babu
2	Air Filters	Shaik Asif
3	Clutch Adjustment	
4	Spark Plug Cleaning & Gap Adjustment	Nomula Sai Meghana
5	Tyres – Tube & Tubeless	Manda Mahidhar Reddy
6	Drive Chain lubrication & adjustment	Regulagedda Sunil Krishna
7	Disc & Drum Brakes	Katuri Teja
8	Service & Maintenance	Shaik Yusuf

Activity: 4	Andhra Loyola Institute of Engg. & Tech. , Vijayawada
Date: 13-03-2019	No of Students Participated: 13

Mechanical Engineering
PRAGYA
BRAKES
DRIVE CHAIN
TYRES
SPARK PLUG
AIR FILTER
OIL FILTER
ENGINE OIL

Activity: 5	ALC Walkers Association, Vijayawada
Date: 18-03-2019	No of Students Participated: 13

Mechanical Engineering
PRAGYA
An Extension Program on
TWO WHEEL VEHICLES &
TROUBLESHOOTING TECHNIQUES

KIDS RUN
2019

Department of Mechanical Engineering

ALIET