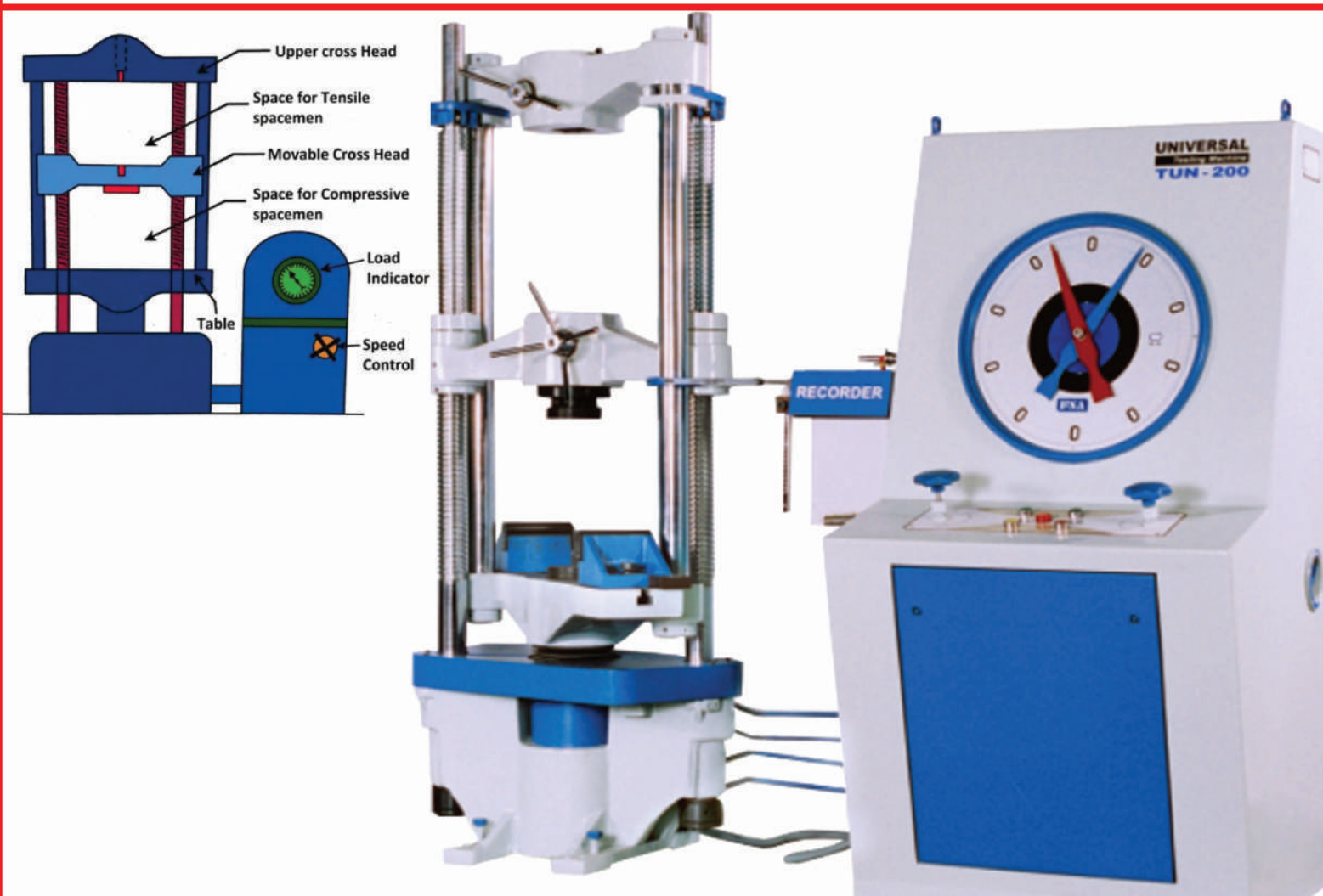


TECHNICAL MAGAZINE

MECH MANTRA



JANUARY TO JUNE 2016
VOLUME : 01

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MECHANICAL ENGINEERING

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MECH MANTRA



HALF YEARLY TECHNICAL MAGAZINE OF
DEPARTMENT OF MECHANICAL ENGINEERING
NARASARAOPETA ENGINEERING COLLEGE
NARASARAOPET, GUNTUR (Dt)-522 601

ACADAMIC YEAR: JAN TO JUNE 2016

1. FACULTY FOCUS

Faculty papers published in International and National journals

S. No	Name of the Faculty	International / National journals	Title	Publication	Date of Publication
1	Dr.D.Jagadish	International	Effect of Fuel Injection pressure on performance of diesel engine using biofuels	JESA	Under review

Faculty pursuing Ph.D/M.Tech/M.Phil

S. No.	Name of the Faculty	Ph.D/ M.Tech/ M.Phil	Title of the Ph. D/Specialization	University
1	S.RamaRao	Ph.D	Production	SVU
2	A.ChandraMouli	Ph.D	Design	AU
3	P.SureshBabu	Ph.D	Metallurgy	KLU
4	K.Krishna Kishore	Ph.D	Design	AU
5	J.VenuMurali	Ph.D	Production	SVU
6	T.Ashok Kumar	M.Tech	Production	JNTUK
7	J.Yesudas	M.Tech	Production	JNTUK
8	K.Ruthu Rani	M.Tech	Production	JNTUK

Training programmes/workshops/seminars/conferences attended by Faculty

S. No	Name of the Faculty	Department	Name of the Training Programme/Seminar/workshop/conference attend	Venue	Date/s of the event	Organized by
1	S. Hemanth kumar	15days Research tour	JAGRITI YATRA	Length and breadth of India (12 cities in 9 states)	24-12-2015 to 08-01-2016	JAGRITI SEVA SAMS THAN

2. DEPARTMENT ACTIVITIES

Training programmes/workshops/Guest Lecturers/seminars/conferences organized by the Department.

S. No.	Department	Name of the Training Programme Seminar/workshop/conference	Name of the resource person and organization	Name of the co-ordinator	Date/s of the event	No. of Participants
1	ME	JUBILATION 2K-16	Dr.B.V.Sudheer Kumar, Prof. ,ALIET, Vijayawada	Dr.D.Suneel, Professor & Head, Dept of ME,NEC	7 th to 9 th Jan'2016	All B.Tech& M.Tech students



4	ME	SOLAR CAR Inauguration	Dr.NikhilAgarwal, C.E.O Innovations Society, I.T, E.C Dept, Govt. of A.P	Dr.D.Suneel, Professor & Head, Dept of ME,NEC	24.04.2016	All B.Tech& M.Tech students
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ఎన్ఐఐసీలో ఎంబడెడ్ సిస్టమ్స్ అండ్ రోబోటిక్స్ ల్యాబ్ ప్రారంభం

- సారథిశక్తితో నడిచే కారు ఆవిష్కరణ

నరసరావుపేట, ఏప్రిల్ 24 ప్రభాతవార్త : నరసరావుపేట ఇంజనీరింగ్ కళాశాలలో ఇన్వోషేషన్ సొసైటీ, ఇన్వోషేషన్ టెక్నాలజీ, ఎ.పి.ప్రభుత్వం ఆధ్వర్యంలో ఎంబెడెడ్ సిస్టమ్స్ అండ్ రోబోటిక్స్ ల్యాబ్ ప్రారంభించారు. అదే విధంగా ప్రస్తుత సమావేశానికి ఎంతో అవసరమైన సౌరశక్తితో నడిచే కారును మెకానికల్ ఇంజనీరింగ్ విద్యార్థులు ఆవిష్కరించారు. ఆవిష్కరణ జరిగిన ఈ కార్యక్రమంలో డాక్టర్ నిఖిల్ అగర్వాల్ మాట్లాడుతూ రోబోటిక్స్ పరిజ్ఞానంతో విద్యార్థులు కొత్త ఆవిష్కరణలు, అద్భుతాలు సృష్టించవచ్చన్నారు. సౌరశక్తి వినియోగంతో పర్యావరణ కాలుష్యాన్ని అరికట్టవచ్చన్నారు. రాష్ట్రాన్ని విజ్ఞాన కేంద్రంగా అభివృద్ధి చేసేందుకు ఇటువంటి ఆవిష్కరణలు ఎంతో దోహదపడతాయన్నారు. సిపిఎం చంద్రబాబునాయుడు నాయతత్వంలో ఇన్వోషేషన్ సొసైటీని ప్రత్యేకంగా స్థాపించడం జరిగిందన్నారు. విద్యార్థులు సౌర కారుతో పాటు సోలార్ షేడర్, సోలార్ లైట్, సోలార్ డ్రైయర్ తదితర ప్రాజెక్టులను ఏర్పాటు చేశారు. కళాశాల డైరెక్టర్ చక్రపతి మాట్లాడుతూ తమ కళాశాలలో 450 మంది విద్యార్థులకు ఈ ఏడాది ఉత్తీర్ణులు అందిందని ప్రశంసించారు. విద్యార్థులను ఆసక్తిపరిచిన వారిలో కళాశాల డైరెక్టర్ విజ్ఞానపత్ని వెంకట కోటేశ్వరరావు, కార్యదర్శి విజ్ఞానశ్రీ రమేష్ కుమార్లు ఉన్నారు.



సూర్య శక్తితో నడిచే కారు ప్రదర్శన కార్యక్రమ దృశ్యం

Mon, 25 April 2016
epaper-vaartha.com/c/9898587

Details of equipment /software purchased

Following Equipment were purchased under MODROB Scheme granted for MOS Lab.

S. No	Department	Name of the Equipment	Make and supplier	Date of the Procurement	Invoice details	Value	Payment details(Chque/DD No. , date)
1	ME	Universal Testing Machine (UTM)	Blue Star Engineering & Electronics Ltd., Secunderabad	06-05-2016	No. 456000 0210, Dt. 25.02.2016	Rs.5,46,950/-	DD No. 021197, Dt.13.053 2016, Axis Bank, Narasaraopet
2	ME	Torsion Testing Machine	Blue Star Engineering & Electronics Ltd., Secunderabad	06-05-2016	No. 456000 0210, Dt. 25.02.2016	Rs.2,31,950/-	DD No. 021197, Dt.13.053 2016, Axis Bank, Narasaraopet
3	ME	Rotating Bending Fatigue Testing Machine	Ducom Instruments Pvt. Ltd, Bangalore	01.04.2016	No. SI/15-16/282, Dt.30.03.22016	Rs.5,49,600/-	DD No.021159, Dt.20.04.2016, Axis Bank, Narasaraopet
4	ME	Dye Penetrant test rig	S.R.Instruments, Bangalore	11.04.2016	No.36, Dt. 23.03.2016	Rs.66,983/-	DD No. 021158, Dt.20.04.2016, Axis Bank, Narasaraopet

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2	ME	Torsion Testing Machine	Blue Star Engineering & Electronics Ltd., Secunderabad	06-05-2016	No. 45600002 10, Dt. 25.02.2016	Rs.2,31,950/-	DD No. 021197, Dt.13.0532016, Axis Bank, Narasaraopet
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3.STUDENT FOCUS

STUDENTS ACHIEVEMENTS

CO-CURRICULAR ACTIVITIES OF THE STUDENTS

Technical Papers Presented by Students in National Level Seminars & Symposia

S.No	Name of the College/ Organized	Name/Roll no of student	Name/Date of the Programme	Remarks
1	Narasaraopeta Engineering College	K.Rajasekhar Reddy	JUBILATION 2K16 (Jan 7 to 9-2016	Participated in paper presentation
2	R.V.R. & J.C	Vedadrisai		Participated in paper presentation
3	Narasaraopeta Engineering College	K.Rajasekhar Reddy	JUBILATION 2K16 (Jan 7 to 9-2016	Spot Event
4	JNT University College Of Engineering, Kakinada	M.VenkatanarayanaSwamy	TORQUE-16 20 th & 21 st Feb-2016	Participated in Robotics workshop
5	JNT University College Of Engineering, Kakinada	M.vamsi Krishna	TORQUE-16 20 th & 21 st Feb-2016	Participated in Robotics workshop
6	JNT University College Of Engineering, Kakinada	R.sainadh	TORQUE-16 20 th & 21 st Feb-2016	Participated in Robotics workshop
7	JNT University College Of Engineering, Kakinada	K.Ravi Kumar	TORQUE-16 20 th & 21 st Feb-2016	Participated in Quiz
8	JNT University College Of Engineering, Kakinada	M.HemaSundar	TORQUE-16 20 th & 21 st Feb-2016	Participated in Quiz
9	JNT University College Of Engineering, Kakinada	Sk. Imran	TORQUE-16 20 th & 21 st Feb-2016	Participated in Quiz

EXTRA-CURRICULAR ACTIVITIES OF THE STUDENTS

S. No	Name of the Department / College	Name/Roll No of the Student	Name/Date of the Programme	Remarks
1	Mechanical	G.P.V. Durga Prasad IV/IV B.tech	SaitirumalaEngineering College from 22 nd &23 Feb-2016	Participated in Basket Ball
2	Mechanical	S.RaviTeja	Narasaraopeta Engineering College, from 7 th -9 th Jan-2016. Narasaraopet	Participated in Kho-Kho
3	Mechanical	S.RaviTeja	SaiTirumala NVR College from 22 nd &23 rd Feb-2016	Participated in Kho-Kho
4	Mechanical	K.Venkatesh	Chalapathi Institute of Engineering & Technology from 26 th &27 th Feb-2016.	Participated in Kho-Kho
5	Mechanical	K.Venkatesh I B.tech	SaiTirumala NVR College from 22 nd & 23 rd feb-2016.	Participated in Kho-Kho
6	Mechanical	K.Venkatesh I B.tech	NEC/ narasarapet Engineering college JPublication-2K16 from, 7 th – 9 th Jan-2016	Participated in Kho-Kho
7	Mechanical	K.Anilkumar	SaiTirumala NVR College from 22 nd & 23 rd feb-2016.	Participated in Kho-Kho(winner)
8	Mechanical	V.Vinod Kumar I/IV B.Tech	SaiTirumala NVR College from 22 nd & 23 rd feb-2016	Participated in Basket Ball
9	Mechanical	V.Vinod Kumar I/IV B.Tech	Nalanda Group Of Institutions	Participated in Basket Ball
10	Mechanical	V.Vinod Kumar I/IV B.Tech	Gudlavallueru Engineering College GECFEST-16 from 11 th -13 th Feb-2016	Participated in Basket Ball

4. CAMPUS PLACEMENTS

S.No	Roll No	Name of the Student	Company	Package	Date of Drive
1	13471A0302	KOTARU DHARMENDRA BABU	EOS	174000	24-01-2016
2	13471A0324	SOMU SUNIL KUMAR	EOS	174000	24-01-2016
3	13471A0338	ORSU NAGARJUNA	EOS	174000	24-01-2016
4	13471A0393	GONGADI SRIHARI	EOS	174000	24-01-2016
5	13471A0397	KOTHA AMARA VENKATA PURNA CHANDRA RAO	EOS	174000	24-01-2016

COURSES

UG-B.TECH

Civil Engineering

Electrical & Electronics Engineering

Mechanical Engineering

Electronics & Communication Engineering

Computer Science and Engineering

PG-M.TECH

Computer Science and Engineering

Digital Systems and Computer Electronics

Digital Electronics and Communication Systems

Power and Industrial Drives

Thermal Engineering

Machine Design

Structural Engineering

PG: MBA, MCA

Master of Business Administration (Dual Specialization)

Master of Computer Applications (Two Years Programme)



NARASARAOPETA
ENGINEERING COLLEGE
(AUTONOMOUS)

Kotappakonda Road, NARASARAOPET - 522 601,
Palnadu Dt., Andhra Pradesh.

Ph: **08647-239905/239907** Fax: **+8647-239902**

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