



ISO 9001:2015

M.V.S.R. Engineering College

Estd - 1981

(Sponsored by Matrusri Education Society, Estd. 1980)
Affiliated to Osmania University, Recognized by AICTE
Nadargul (PO), Hyderabad - 501 510, Telangana State
All Eligible Courses Accredited Multiple Times by NBA



NEWSLETTER

Spandana

(2017-2018)

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www.mvsrec.edu.in

Our Vision

To impart technical education of the highest standards, producing technically competent confident and socially responsible engineers.

Our Mission

- ◆ To impart adequate fundamental knowledge, technical and soft skills to students.
- ◆ To make learning process exciting, stimulating and joyful
- ◆ To create a climate conducive to excellent teaching - learning Process.
- ◆ To bring out creativity in students.
- ◆ To contribute to advancement of engineering & technology.
- ◆ To make positive contribution to meet societal needs.

Electronics & Communication Engg.



New Facilities

- 350 sqm of space was added on the II Floor of the Applied Sciences block -II
- Conference halls were refurbished in the Mechanical Engineering and Computer Science and Engineering Departments
- A renovated canteen
- Extension and renovation of Conference hall in Civil Engineering Department is in progress
- Construction work to provide Elevators in the Departments of Mechanical Engg., Applied Sciences blocks I & II, and CSE is in progress.

“AANVIK2K18 Student Technical Fest”
14th & 15th March, 2018.



A Two-day National Level Technical Symposium- ‘Technovanza 2k18’ by IEEE MVSR Student Branch, April 2nd- 3rd 2018.



National Level Technical Fest on ‘**Renewable Energy Sources AKSHAYURJA 2K17**’ was organised by Electrical and Electronics Engineering Department in association with Mechanical Department on 20th & 21st October 2017

Ph.D. Awardees



Mr. Sesham Anand, Assoc. Prof., CSE Dept. was awarded Ph.D. for his research on “**Development of Relevance and Frequency Enabled Approach for Trip Planning Models.**” JNTU Hyderabad, November 2017.



Ms. J. Neeraja, Asst. Prof., Dept. of S&H (English) was awarded Ph.D. for her research on, “**Towards Need Based Syllabus Design in English Language and Soft Skills to RMLs Pursuing Engineering Studies with Special Reference to O.U. Affiliated Engineering Colleges.**” Rayalaseema University, Kurnool, March 2018.

Projects & Consultancy

- I. A Study Project on “Optimizing View Synthesis Approach for SAR Image Registration.” was given to MVSR Engg. college, departments of CSE & ECE by DRDL, Hyderabad on September 18th 2017.
- II. A consultancy project on ““Registration of Infrared and Optical Images of the same Scene” was given to the ECE department, MVSR Engg. College by RCI, on March, 21st 2017.
- III. Dept. of Mechanical Engineering carried out the following two consultancy projects for private industries in Hyderabad and Mumbai.
 - ❖ “Design & Analysis of Filament Wound Pressure Vessel.” M/s. Shalin Composites India, Mumbai, during July 2017.
 - ❖ “Design of Composite Structures: Drive Shafts, Chimney, High Pressure Tank.” M/s. CNC Techniques, Pvt. Ltd., Hyderabad during November 2017.

Patents

Dr. A.V. Krishna Prasad, et. al., (Computer Science & Engineering) was given a patent for “IOT Based waste Monitoring System for Smart Bins and Method Employed thereof”. On 29-June 2018. Application No. 201841023025

Faculty Achievements:



Dr. G. Venkata Subbaiah, Prof. & Head, Automobile Engg. Dept. was elected as Corporate Member of Institute of Engineers (India), and also as Joint Secretary, Telangana State Centre for the term 2018-20.

Conferences, Workshops, Training Programs & FDPs Organized:

Computer Science & Engg.



IEEE Student branch (CSE), organized **“Deep Learning using R programming”** on 4th August 2017



A 2 Day Workshop on IOT & its application by SmartBridge - 09th & 10th Oct., 2017



Soft Computing - A Three Day Workshop,
22nd - 24th Feb, 2018



CCNA Course, Dept. of CSE, MVSR Engg. College
21st May – 2nd June 2018.



1 Day Workshop on UNITY 3D - 20th Jan 2018

Electronic & Communication Engg.



- **“Mentor Graphic Tools - Demo”**, by Corel Technology, 4th and 6th July, 2017.
- 3-day Intensive training program on **“Analog, Digital and Mixed Signal IC Design using Mentor Graphics Tools”**, 14th to 16th Sept. 2017.
- **“2-day workshop on Sensor Control Robot”**, 13th & 14th October, 2017.



- **“3-day Workshop on PCB Design and Fabrication”**, by CorEL Technologies & PGP Electronics Pvt. Ltd. 20th to 22nd Feb, 2018.
- Two Day Faculty Development Program on **“Signal Processing, Communications and Power Electronics with Matlab R2017b”**, by Capricot Technologies, Hyderabad, 19th & 20th March, 2018.

Electrical & Electronics Engg.



“*One-day Project Expo*” was organised by MVSR Engineering college in association with various professional bodies on 24th February 2018.



Two Day Workshop on “*Siemens PLC & SCADA*” Organised by EEE Department, MVSR Engineering College, Hyderabad, 20th – 21st March 2018.



“*Energy Saver's Club*” was inaugurated by EEE Department of MVSR Engineering college on 12th March 2018 by Er. E. Srinivasa Chary, FIE, Electrical Executive Engineer, GHMC.

Energy Conservation Oath was undertaken Dr E.V.C.Sekhar Rao, FIE, Convener, Assoc. Prof, Energy Saver's Club MVSR Engineering College.

IT Dept.



- One Day Workshop on “*LATEX -Hands On*” on 12th March 2018.
- One-day Workshop on “*Android Application Development*” on 19th Sept. 2017

“*Big Data and HADOOP Hands on*” – 3 day workshop from 15th Feb – 17th Feb, 2018.



- Two-day Tech fest “*InforIThm-2018*” was organized by the I.T. Dept. on 28th & 29th March 2018.

Mechanical Engg.

Recent Trends in Mechanical & Industrial Engineering (RTMIE-2017)

A Five day Faculty Development Programme on “**Recent Trends in Mechanical & Industrial Engineering**” (RTMIE-2017), MED, 11th-15th December 2017



AKSHAYURJA CYCLE RALLY:

Mechanical and Electrical departments organised a cycle rally on 14th October, 2017 at Necklace Road to spread awareness on Renewable energy usage.

Project Expo – 2018



Research and Development cell in association with IEEE Student chapter organised “*Project Expo*” on March 24th 2018



Half a day Workshop on “*Industry 4.0, Leapfrog opportunity for India*” 17th Feb 2018



A One day workshop on “*Maintenance and Troubleshooting of Refrigeration and Air Conditioning System*” in association with National Engineering, Vishakhapatnam on 7th April 2018

Automobile Engg.



One Week Refresher Course on “*Refrigeration & Automobile Air- Conditioning*” sponsored by AICTE-ISTE”, 23rd-28th July 2018.

Dept. of Applied Sciences & Humanities



The department of Mathematics under Applied Sciences conducted a Two-day workshop on “*Applied Numerical Methods Optimization Techniques and Learning*” from 19th -20th January, 2018.



‘**National Science Day**’ was hosted on 28th February 2018, S&H Dept., by Physics Faculty.



‘**Pi Day**’ was celebrated on 14th March 2018 with initiative from the 3rd Year students.

Business Management



Inauguration of ‘**National Entrepreneurs Network student E-cell**’ on November 13, 2017.



SAMPRADAYA 2k18 GO GREEN - LIVE RICH, on 12.04.2018.



‘**Business Idea Expo**’ 13th April 2018

Guest Lectures

Electronic & Communication Engg.

Guest Lecture on ‘**Design and Analysis of RF Antennas Using ANSYS HFSS**’, by Mr. Pavan Kumar Nanduri, National Technical Manager and Head – EBU from ARK Info solutions Pvt. Ltd., Hyd., 10th Aug, 2017.

Electrical & Electronics Engg.

A technical lecture was given by Mr. M. Raveendra Reddy on ‘**Renewable Energy Sources and the Current Scenario in India.**’ organised by Power and Energy Society of IEEEMVSRB on 16th April 2018.^a



Dept of Mech. Engg.

Sri Ashok Ponram, Scientist – E, DRDL, Hyderabad delivered a lecture on ‘**Advances in Metrology and Instrumentation**’ on 18th Sept 2017 in the Mechanical Dept. , M.V.S.R.E.C.



Sri K.P.Purshottam, Scientist/Researcher, National Institute of Standards and Technology, Gaithersburg, MD, USA, delivered a lecture on ‘**Tools and Techniques in Nanometrology**’ on 29th December 2017.





Half day workshop on “*Industry 4.0, Leapfrog opportunity for India*” in collaboration with National Productivity Council is conducted by the department on 17th Feb 2018.

Business Management



Guest Lecture on “*MBA program and Industry Expectations*” by Colonel Dr.V.R.K.Prasad on 14th November 2017.

A Guest Lecture on Indian Capital Markets by Mr. Vinay, Resource Person , National Stock Exchange (NSE) on 22nd February 2018. He enlightened the students on the functioning of Capital markets, Trading etc.

Publications by Faculty

Dept of Civil Engg.

G. Sreenivasa Rao, MVS Giridhar & Shyama Mohan

- “Rainfall Analysis with reference to Spatial and Temporal in Kaddam Watershed using Geomatics.”

ISBN-978-93-5230-182-9 and Page No:540-546.

G. Sreenivasa Rao, MVS Giridhar & Shyama Mohan

- “Computation of Runoff by SCS CN Method using Spatial Modeling in ERDAS IMAGINE.”

ISBN-978-93-86819-94-9 and Page No:493-502.

G. Sreenivasa Rao, MVS Giridhar, Shyama Mohan & P. Sowmya

- “SCS-CN Method and Geomatics Approved for Fully distributed Runoff Modelling.”

Issue No. 9, Vol. No. 7, September, 2017, Impact Factor-1.145.

G. Sreenivasa Rao, MVS Giridhar, Shyama Mohan & P. Sowmya

- “Estimation of SCS-Curve Number for Kaddam Watershed Using Remote Sensing and GIS.”

Issue No. 3, Vol. No. 5, Page No. 203 to 208 September, 2017, Impact Factor-5.97.

Dr. R. Sandhya Rani & V.Shiva Chandra

- “Suitability of Soft Clay as Clay Liner based on Clay-Leachate Interaction Studies”, paper published in International journal IOSR Journal of Mechanical and Civil Engineering (IOSR-JMCE), Volume 14, Issue 3, Ver. V, May-June 2017, pp 115-123.

Dr. R. Sandhya Rani

- “Mineralogy and Microstructure of Soft Clay Contaminated with Solid Waste Leachate” Paper published in, International Journal of Emerging Technology and Advanced Engineering Website: www.ijetae.com (ISSN 2250-2459, ISO 9001:2008 Certified Journal, Volume 8, Issue 2, February 2018).

- “Improvement in Properties of Black Cotton Soil using Lime and Granite Stone Dust” Paper published in International Journal of Scientific Research and Review Volume 7, Issue 3, 2018, ISSN NO: 2279-543X.

- “Combined Effect Of Lime And Stone Dust Admixtures On Soil Properties.” International Journal of Advance Engineering and Research Development Volume 5, Issue 03, March -2018.

Dr. R. Sandhya Rani, A. Hyma & Ravi Sekhar. K

- “Utilization of copper slag for improvement of sub-soil in pavement construction work.” JETIR1803116 Journal Of Emerging Technologies And Innovative Research (JETIR) www.Jetir.Org, ©2018 JETIR March 2018, Volume 5, Issue 3 www.jetir.org (ISSN-2349-5162)

- “Strength and CBR properties of soil using coal dust as an admixture.”

International Journal of Advance Engineering and Research Development, Volume 5, Issue 02, February -2018.

DVSR. Sesidhar&M.Vijaya Krishna

- “Comparative Analysis of SWT Based OFDM and DWT based OFDM using Different Modulation Approaches to Improve BER Performance.” International Journal of Scientific Engineering and Technology Research, ISSN -2319-8885, Vol. 06, Issue-25, July, 2017.

V.Suresh Kumar

- “Safe Driving without Using Mobile Phones.” International Journal for Innovative Engineering and Management Research, 2456-5083 Vol. 6, Issue 5, Pg:2198-2200, July, 2017.
- “A High Capacity and Secured ColorImage Steganographic Technique using Discrete Wavelet Transform.” International Journal for Innovative Engineering and Management Research, 2456-5083, Vol. 6, Issue 5, Pg: 2201-2209, July, 2017.

E.V.Naga Lakshmi&K.Kavya

- “Design and Implementation of Double Gate 8T SRAM Cell Using MTCMOS”, International Journal of Research, e-ISSN: 2348-6848 P-ISSN: 2348-795X Volume-4, Issue-10, and Sep, 2017.
- “Design and Implementation of Double Gate SRAM Cells”, International Journal of Research in Electronics & Communication Engineering - 2264, ISSN: 2321- ISSN: 2321-032X (Print), Vol.5, Issue 5, Sep-Oct, 2017.

Shilpa B Darvesh

- “Design and Implementation of Low Power LFSR for Fast ATPG Process.” International Journal of Emerging Technologies in Engineering Research (IJETER), ISSN : 2454-6410, Vol. 5, Issue-9, Sep, 2017.

Sudhir Dakey

- “Design of Area and Power Efficient Line Decoders for SRAM.” International Journal of Emerging Technologies in Engineering Research (IJETER), Vol. 5, Issue 11, ISSN: 2454-6410, Pg: 51-56, Nov, 2017.

E.V.Naga Lakshmi

- “Design of 4 bit ALU using Modified GDI Technology for Power Reduction.” International Journal of Engineering Science Invention (IJESI), Vol.7, Issue 9, ISSN:2319-6726, Feb2018.

Dr.Ch. Samson

- “Reversible Data Hinding in Encrypted Images with Key Cryptography.” International Journal of Engineering and Technical Research, ISSN:2321-0869, Vol. 7, Issue:11, Nov. 2017.

A. V. Vahini

- “A Novel Method to Manage Intercell Interference for Ultra-dense Heterogeneous Networks in 5G.” International Journal & Magazine of Engineering, Technical Management and Research, ISSN: 2348-4845, Vol. 4, Dec-17

Dr. K.Nikitha - Book Publications(2017-18)

- “Data Structures using C++” ISBN: 978-93-86501-82-0 **Publishing House** : Archers and Elevators

Dr Nikitha

- “Coverage Improvement and Path Selection in WSN.” International Journal of Recent Scientific Research, Vol. 9, Issue 1(G), pp 23360-23364, Jan, 2018.

S. Ch. Vijaya Bhaskar, Dr Anitha S, Hemanth kumar G, Vamsha Deepa N

- “Somnolence Alerting System (Drowsiness Detector).” International Journal of Pure and Applied Mathematics . Vol.118. No. 7, 2018, 479-483 ISSN: 1311-8080 (printed version); ISSN: 1314-3395 (on-line version) (SCOPUS)

S. Ch. Vijaya Bhaskar, Chandra Sekhar, K. Devaki and P. Karthik

- “Access Control with Privacy Mechanisms for Relational Data Supporting Multi-Role” International Journal of Recent Scientific Research, Vol. 9, Issue, 4(B), pp. 25656-25659, April, 2018. DOI: <http://dx.doi.org/10.24327/ijrsr.2018.0904.1902>

S. Ch. Vijaya Bhaskar, Dr Anitha S

- “Approach for Enhancement of Secure Access to Database through One Time Password.” International Journal of Engineering Research & Technology (IJERT) Vol. 6, Issue 13. ISSN 2278-0181. Special Issue 2018.

S. Ch. Vijaya Bhaskar, Dr Ch. Samson D. Muninder

- “P2P File Sharing Technique to Improve QoS in MANETs.” International Journal of Research in Electronics and Computer Engineering (IJRECE), Vol.6, Issue 2. Apr-June 2018. ISSN: 2393-9028(printed version); ISSN: 2348-2281 (on-line version).pp. 838-843.

Dr. J. Kandasamy

- “Some Investigations on Super Plastic Forming of Magnesium Alloys in Cylindrical Dies.” Journal of Manufacturing Engineering , Vol.12, June 2017.
- “Near-net–shape Super Plastic Forming of Intricate Shaped Magnesium Alloy Components.” IJETE, ISSN 2348-8050, July 2017.
- “Gas blow Forming of AZ31 Magnesium Alloy in Box Shaped Dies.” Technical Research Organisation India, ISSN:2393-8374, Vol. 4, Issue-8
- “Investigations on the Surface Hardness and Roughness of Roller Burnished Surfaces.” International Journal of Modern Engineering and Research Technology, Vol. 5, ISSN 2348-8565, 29th -30th June 2018.

Dr.S.Gajanana

- “Development of Regression Model Using Lasso and Optimization of process parameters in metal spinning.” International Journal of Engineering and Research Technology, e-ISSN:2278-067X,p-ISSN 2278-800X,Vol.13, Aug 2017.
- “Development of Regression Model Using Lasso for End Milling on AL6061 Alloy”, Manufacturing Technology Today, Vol. 16,No.9, Sep 2017.

Dr.S.Gajanana&B.Suresh Kumar Reddy

- “Linear Model for Turning Al6061 using Least Absolute Shrinkage and Selection Operator (Lasso).” International Journal of Engineering Science Invention, e-ISSN:2319-6734,p-ISSN 2347-6726, Vol.6, No.7,PP.25-31, July 2017.
- “Machinability study of Aluminum 6061 Alloy on End Milling Process.” International Journal of Engineering and Research, e-ISSN:2319-6890,p-ISSN 2347-5013,Vol.6, No.8, 01 Aug.2017.
- “Analysis of Machinability on Al 6061 using Single Point Cutting Tool.” International Journal of Scientific Engineering and Technology, ISSN:2277-1581,p-ISSN 2347-5013,Vol .6, No.8,PP:307-312, 01 Aug.2017.
- “Casting and Metallurgical Analysis of Aluminum -6061.” Manufacturing Technology Today, Vol.17,No.02, 02 Feb 2018.

Dr.M.Madhavi,A.Syam Prasad & K.Karthik Rajashekar

- “Experimental Investigations on Static and Dynamic Parameters of Steel and Composite Propeller Shafts with an Integrated Metallic Joints.” Materials Today, Proceeding 5(2018) 26925-26933, Science Direct, Elsevier. ICAMM- 2016.

Dr.M.Madhavi & A.Syam Prasad

- “Study on Structural and Thermal analysis of Composite Disc Brake.” International Journal of Science and Innovative Engineering & Technology, ISBN 978-81-904760-9-6, Vol. 4, May 2017.

Dr.P.V.Durga Prasad & R.Haranath

- “Model analysis of Gas Turbine Blade With Different Metals by using Ansys 11.0.” International Journal of Engineering, Science and Mathematics, ISSN 2320-0294, Vol. 6, N0. 8, December 2017.
- “Enhancement of Heat Transfer using Fe₃O₄/Water Nanofluid with Varying Cut-Radius Twisted Tape Inserts.” International Journal of Applied Engineering Research, ISSN 0973-4562 ,Vol 12,pp:7088-7095. (????)

B.Ravikumar

- “Development of Regression Model Using Lasso for End Milling on AL6061 Alloy”, International Journal of Engineering and Research Technology, 8th August, 2017, e-ISSN:2278-067X,p-ISSN 2278-800X,Vol.13.

Suri Srinivas

- “Super Plastic Forming using Rectangular Shape dies for Process Optimisation.” International Journal of Engineering and Technology, Vol.7, Pages 302-305, March 2018.

G.Prakasham

- “Study of Microstructure Characteristics and Mechanical Properties of Aluminum Alloy Gas Tungsten Arc Welding Joints.” JETIR, ISSN-2349-5162, Vol. 5, No. 5, May 2018.

N.Yogi Manash Reddy

- “Experimental Investigation of Vertical Axis Wind Turbine with Gating System.” International Journal of Mechanical Engineering and Information Technology, Page No 1813-1816/ISSN 2348-196x, Vol. 6, No. 5, May 2018.

Dr. Akhil Khare

- “Pseudo Activity Development for Effective Information Effusion in Online Social Network.” IJCA, Vol. 179, No 36, April 2018.

Dr. M. Upendra Kumar

- “Security Design Framework for Data Management and Distribution for Data Management and Distribution for Middleware in Grid Extended Cloud Computing.” IJERA, ISSN 2248-9622. Vol. 8, No 5, Pp, 57-76, May 2018,

M. V. R. Jyothisree

- “Performance Evaluation of RPL under Black Hole Attack and Flooding Attack in Internet of Things using ContikiOS.” IJRECE, May 2018.

Automobile Engg.

Malikasab Bagawan

- “Emission Characteristics of ci di Engine using Blends of Biodiesel (waste cooking oil) and Diesel Fuel.” International Journal of Innovative Research in Science, Engineering and Technology, ISO 3297: 2007, Vol. 6, Issue 8, August 2017, pp 1111-1118

B Ramu

- “Analysis of Counter flow Heat Exchanger using copper as a Mterial” IJRASET- International Journal for Research in Applied Science & Engineering Technology. Vol. 5, Issue VI, June 2017 Pp. 2298-2302.

Department of Applied Sciences & Humanities

Physics

Dr. A. R. Subrahmanyam & Ramana Kotha

- Characterization of Liclo₄ doped PVDF solid polymer electrolyte (ISSN2250-2459 Iso9001:2008, Vol. 7, N0 (1), Nov2017.

Dr. B. Bhanu Prasad and N. Rajya Lakshmi

- “Calculation of Activation Energy, Frequency Factor and Avrami Exponent of Amorphous Fe₇₆Pr₄B₂₀ and Fe₇₆Dy₄B₂₀ Alloys on the Basis of Crystallization Kinetics.” Research & Reviews: Journal of Material Sciences, 5 (2017)45.

- “A detailed Mossbauer study on amorphous Fe₈₀-XPrXB₂₀ (0d”Xd”8) alloys.” International Journal of Material. Science, 12, (2017) 571.

M. D. V. Srilalitha and Dr. B. Bhanu Prasad

- “Influence of Rare-Earth concentration on the crystallization process and application of Kissinger, Augis-Bennet and Matusita-Sakka equations to kinetics analysis of amorphous Fe₇₈Tm₂B₂₀ and Fe₇₆Tm₄B₂₀ alloys.” International Journal of Material. Science, 12 (2017) 561.

- “Structure and Kinetic Study of Amorphous Fe_{73.5} Si_{13.5} B₉ Nb₃Cu₁ Alloy using XRD and DSC.” International Journal of Emerging Technology and Advanced Engineering 7 (2017) 88

M. Ravindar Reddy, M. Jaipal Reddy, Dr. A. R. Subrahmanyam & J. Siva Kumar

- “Optical and Conductivity Studies of Polymer Blend Thin Films of PMMA and PEO.” Material Science Research India, Vol.14, No.(2), PP: 123-127(2017).

- “Structural, Thermal and Optical properties of PMMA, PEO and PMMA/PEO/LiClO₄

Polymer Electrolyte Blends.” International Journal of Emerging Technology and Advanced Engineering, Vol.7, No.(7), PP: 175-178 (2017).

- “Effect of LiClO₄ Concentration on Structural, Morphological and Thermal Properties of PMMA and PEO Polymer Blends.” Asian Journal of Research in Chemistry. Vol.11, No.(2): 463-466, 2018.

K. Venkata Ramana, M. Chandra Shekar, A. R. Subrahmanyam, M. Ravindar Reddy, & V. Madhusudhana Reddy

- “Characterization of LiClO₄ Doped PVDF Solid Polymer Electrolyte.” International Journal of Emerging Technology and Advanced Engineering, Vol.7, No. (11), Pp: 484-488 (2017).

Chemistry

Dr.V.Geetha

- “Hydrogeochemical Data on Groundwater Quality with Special Emphasis on Fluoride Enrichment in Munneru River Basin(MRB), Telangana state, South India.” ISSN 2352 3409, **Data in Brief** (2018) ELSEVIER(open Access) PP 339-346.

M.Bhooshan

- “Symmetrical Trichlorotriazine Derivatives as Efficient Reagents for one –pot Synthesis of 3-Acetyl-2- chloroquinolines from Acetanilides under Vilsmeier-Haack Conditions.” Synlet 2018; Vol. 01, Issue 29); DOI 10.1055/S-0036-1589099, PP 85-88.

Mathematics

Dr.G. Lakshmi Kameswari

- “Numerical Studies of Single Machine Scheduling Problem (SMSP) using Fuzzy Logic and Genetic Algorithm.” Fuzzy Systems- 2018, Coimbatore Institute of Information, Volume10, Pp103 - 108.

D. Bhagyamma

- “Double Diffusive Effects on MHD Free Convection Boundary Layer Casson Fluid Flow Past a Vertically Inclined Porous Plate: Thermal Radiation and Chemical Reaction Effects.” ISSN:2229-712X, Elixir International Journal, AUG 2017.
- “MHD Free Convective Flow Past a Vertical Porous Plate in a Porous Medium in the presence of Soret and Dofour effects.” International Journal of Emerging Research in Management &Technology. ISSN:2278-9359, Vol. 6, Issue: 8, Aug 2017.

English

Dr. Sunita Vijaykumar

- English language acquisition: Corporate training vs Classroom Teaching in The ELT Practitioner, volume5:1, July- August, 2018
- BOOK: Computers: Cleansers of extrinsic accent in English in A Composition of current issues in teaching and learning English Language, June 2018, JTS Publications, Delhi. ISBN:978-93-87580-33-6

T.Kranthi

- “Developing the Listening and Empathetic Skills of the First Year Learners with Special Reference to Osmania Affiliated Colleges.” International Journal of Creative Research Thoughts. April 2008, Pp. 1226-1231
- “Enunciating the Importance of Team-building Skills for MBA Learners using Johari Window.” The International Journal for Research in Engineering Application and Management. 2018. Pp. 196-199

Business Management

Dr.M.Sree Rama Devi

- “Micro-Finance in Andhra Pradesh- A Study on SHG Bank Linkage Program.” Quarterly Journal of Indian Institute of Finance, (Book - Finance India) December 2017, Vol . XXXI No.4, ISSN 0970-3772, Pp. 1333 to 1340.

Dr.N.Sravanthi,

- “ Innovative Finance for Greener India – A Case Study of Yes Bank.” ISSN No.978-93-5268-742-8, Vol. 1, P.189
- “Tourism In India: Prospects and Challenges.” ISBN No.978-93-85100-857, Pp.. 191 to 195, January 2018

G.Bharathi

- “Entrepreneurship Educating the Next Wave of Entrepreneurs in India”published in International Research Journal of Multidisciplinary studies, Jan 2018, ISSN: 2454-8499(online), Impact factor 1.3599(GIF) 0.679(IIFS), pg.nos:c160 to 165.

B.Menaka

- “Trend Analysis of IT Workforce with Special Reference to RANDSTAD-Work Monitor Survey Report.” International Journal of Advances in management, Technology and Engineering Sciences, Vol. 8, Issue II, ISSN No.2249-7455. Pg No. 655-661, February 2018.

B.Anjan Kumar,

- “Evolution of Retail Sector in India” published in Research Review Journals, May 2018, Vol.03, Issue.05, ISSN: 2455-3085, pg.nos. 32 to 38.

Civil Engineering

Dr. R. C. Reddy

- “Sewage Treatment Options for Sustainable Urban Development-A Case Study.” National Workshop on Urban Environmental Management- solutions for Sustainability. organized by CSIR-NEERI Hyderabad Zonal Laboratory at Hotel Kakatiya, Hyderabad, 17-8 August, 2017.

Mr. G. Narendra Goud

- “Urban Sprawl studies of Warangal municipal cooperation – RS and GIS approach conducted by ICRAMMCE 2017

Mrs. G. Padmaja

- “Ground Water Quality Assessment using RS and GIS – A case study of Patancheru Area, Hyderabad.” 3rd International Conference on Environmental & Sustainable Management, ICEM–2017.

Dr. R. Sandhya Rani , Mr. V. Shiva Chandra, Mrs. A Hyma

- “Expansive Soil Stabilization with Coir pith and Lime for Flexible Pavement Subgrade.” ICRAMMCE-2017, MLRITM, Hyderabad, June 1-2, 2017.

Dr. R. Sandhya Rani

- “The Behaviour and Performance of Geotextiles with reference to CBR value on Clay Soil.” ICRAMMCE-2017, MLRITM, Hyderabad, June 1-2, 2017.

Swetha Kaushik, V.Shiva Chandra, S.Praveen, S Swathi

- “Urban Sprawl studies of Warangal municipal cooperation – RS and GIS approach conducted by ICRAMMCE 2017

Mr.S.Praveen

- “A Review on Various Landfill Leachate Treatment Methods.” at National conference on Advances of Construction Materials for Sustainability – NCCS, ICFAI Tech School, Hyderabad, 6th Oct 2017. Composite Disc Brake.” International Journal of Science and Innovative Engineering & Technology, ISBN 978-81-904760-9-6, Vol. 4, May 2017.

N. Namassivaya

- “GNSS Integration methods “(Telangana State Centre Prize for the Best Technical paper), 3rd Annual main Function, Institute of Engineers, 31st October, 2017.

Dr. B. Sarala & M. Zaheer Ahmed

- “Performance Analysis of OFDM over Multi Path Rayleigh Fading Channerls”, BES Hyderabad Chapter, BES, Hyderabad, 7th January, 2018.

Dr. B. Sarala

- “Design of High Speed ALU using Modified Kogge Stone Adder and Pipelined Vedic Multiplier”, 1st National Conference on Trends in Science, Engineering & Technology, MES, Saidabad, 2nd & 3rd Feb, 2018.

Information Technology

Seelam Ch. VijayaBhaskar, Dr.Anitha

- “Empirical Analysis of User Position for Various Conditions Using GNSS Single Frequency Receiver.” 2ndInternational Conference on Electrical, Electronics, Communication, Computer and Optimization Techniques (ICEECCOT)-2017, GSSS Institute of Engineering & Technology for Women, Metagalli, Mysuru, 15th -16th December 2017.

- “Validation of IRI-2012 and NeQuick models predicted TEC with GPS –India” 7th International Conference on Communication and Signal Processing - ICCSP’ 18, Department of Electronics and Communication Engineering, Adhiparasakthi Engineering College Melmaruvathur, Tamilnadu, 3rd - 5th April 2018.

The following papers were presented at the National Seminar in Mechanical Dept. MVSREC, 28th June 2018.

K.Nikitha

- “Secure and Energy Aware Shortest Path Routing Framework for WSN.” International Conference on 18th Jan 2018, ICDMAI, Pune.

D.B.V. Ravi Shankar

- “Ordinary differential equations and transforms using MATLAB”.

Ch. Srujana

- “Mathematical representation of signals with MATLAB”

Mechanical Engg.

Dr. PV Durga Prasad

• “Nanocomposites in Biomedical Applications.” 4th International Conference on Nanoscience and Nanotechnology (ICONN 2017),

M. Ravi Kumar

• “Fuel Cells and Hybrid Vehicle Technology.” Visvesvaraya Bhavan, Khairatabad, Hyderabad. 18th & 19th August, 2017.

Dr. J. Kandasamy

• “Comparative Analysis of Temperature Variation in Friction Stir Welding.” ICMPC-2018. Gokaraju Rangaraju Institute of Engineering and Technology (GRIET) in collaboration with Maulana Azad National Institute of Technology (MANIT), Bhopal, M.P. 16th -18th March, 2018.

Automobile Engg.

Malikasab Bagawan

• “Co Emissions For CI DI Engine Using Blends Of Combinations Of Biodiesel and Diesel Fuel.” National Conference ‘Bioprocessing India 2017’, IIT Guwahati, December 9th-11th, 2017.

• “Smoke Emission Levels for CI DI Engine using Blends of Combinations of Biodiesel and Diesel Fuel.” Materials Science and Engineering 376 (2018) 012008 doi:10.1088/1757-899X/376/1/012008.

B.Ramu

• “Formability of sheet Metals.” A review in 2nd International Conference on Advancements in Aeromechanical Materials for Manufacturing (ICAAMM), M.L.R Institute of Technology Hyderabad, .13 – 14 JULY 2018.

Applied Sciences & Humanities

English:

Dr. Sunita VijayKumar

• ‘English Language Acquisition : Corporate Training versus Classroom Teaching for Employability.’ in a conference English Language Acquisition: Western Theories and Eastern Practices. 12th International conference of ELTAI an associate of IATEFL, UK & affiliate at St. Teresa’s College (Autonomous) Park Avenue Road, Ernakulam, Kerala 682011, India, June 29,30 & 1 July 2017.

Physics:

Dr.B.Bhanu Prasad

• “Magnetic Hyperfine Interactions in Amorphous Fe₇₂Pr₈B₂₀ Alloy.” 1st National Conference on Trends in Science, Engineering & Technology, (NTSET – 2018), Matrusri Engineering College, Saidabad, Hyderabad. February 2-3, 2018.

• “A Study on the Magnetic Properties of Some Iron Rich Amorphous Ferromagnetic Alloys Using VSM.” Two - day National Conference on Materials for Specific Applications(MFSA - 2018), GRIET, Bachupally, Hyderabad. January 29-30, 2018.

Business Management

Dr.N.Sravanthi,

• “ Starting the Start-Ups in India.” Two Day National seminar on “Indian Startup Ecosystem-Opportunities and Challenges” organized by St.Pious XPG (MBA) College for Women, Hyderabad, 15th & 16th March 2018.

• “Financial Services: Regulatory Mechanism –A Case Study of National Housing Bank.” Two Day National Seminar on “Indian Financial Services-A Way Ahead” organized by Department of Commerce, Osmania University, 16th & 17th February 2018.

G.Bharathi

• “A Study on CSR Initiatives of Aurobindo Pharmacy Ltd.” One day national Conference on “Holistic Perspective of Management.” by Global Education Centre (MBA), 30th December 2017.

• “Entrepreneurship – Educating the Next Wave of Entrepreneurs in India.” In “Entrepreneurship and Startups : Trends, Opportunities and Challenges” Two-day International Conference, Annasaheb Magar Mahavidyalaya, Hadapsar, Pune University, Pune. The title of the paper is “19th and 20th January 2018 ,

• “A Study on Mergers in Public Sector Banks of India.” Two Day National Seminar on “Indian Financial Services-A Way Ahead” organized by Department of Commerce, Osmania University, 16th & 17th February 2018.

M.Jyothi Prasad

• “A Study on Investment Performance of EPF Funds in Equity.” Two Day National Seminar on “Indian Financial Services-A Way Ahead” organized by Department of Commerce, Osmania University, 16th & 17th February 2018.

Dr. M.V. Sridhar My Dear Friend A Personal Tribute

Providence snatched away my dear friend Dr. M.V. Sridhar (MVS) from me and this world on 30th October 2017 at a very young age of 52. I perceive this loss as very personal and is difficult to be articulated adequately. His fond memories would however stay with me for a very long time. I knew Dr. MVS for over 2 decades in various avatars. The penning of this tribute is a catharsis for me which would help in regulating an upsurge of emotions in me following his demise.

Dr. MVS joined Matrusri Educational Society in June 1996 after a successful stint in cricket as sports man. Thereon he was at the helm of the society for nearly two decades and served the cause of education in various capacities. His untimely demise created a vacuum which is difficult to be filled in suitably for a long time. The Chairman of the society Dr. K.P. Srinivasa Rao aptly remarked his death has resulted in a chasm which cannot be bridged easily and that the institutional progress would henceforth be reckoned as “before Dr. Sridhar and after him”.

Dr. MVS was an articulate and a soft spoken gentleman who always believed in taking everyone along in all his endeavors. This approach ensured measured progress in all his assignments. I never saw him display a raw nerve even on a single occasion during my two decades of association. He had a pleasant disposition towards all despite having an uncanny ability to internalize an opinion on most

issues and present them with appropriate nuances. I found him as an extremely occupied person with right intent on most issues. Very few would master the dexterous art of articulating a difference in perception on an issue without a tinge of harshness and Dr. MVS stands tall amongst them. At a primordial level he used to be annoyed at expression of group dissent which perhaps was the outcome of his exposure to a corporate environment at various levels.

Dr. MVS was always a man in a hurry. He achieved several milestones in his short life. In his career as a sportsman/administrator, a triple century against Andhra in Ranji Trophy, handling FIFA World Cup for soccer, being the Director of T20 world cup for cricket and effective handling of the racist comment controversy in Australia would stand out as milestones to the best of my knowledge. The establishment of Matrusri Engineering College at Saidabad Campus, initiation of 6th pay scales to faculty and 3 times accreditation of various departments by NBA of AICTE would perhaps stand out as his major contributions to the institution with which he had a very dear association.

On a personal level, he taught me how to differentiate between posturing and walking the talk on various issues. He showed me how and when one should side step an issue should it get entangled in nature. I miss his unending lively and naughty chats on whatsapp. Even more I miss him as a dear friend of mine for the rest of my life.

- Prof. S.G.S. Murthy
Vice Principal