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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

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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.

Ph.D. Awardees

Electronics & Communication Engg.



Ms. S.V.R. Manimala, Associate Professor, ECE Department was awarded Ph. D. for her research on, "Reconstruction of MR Images from Noisy and Compressed Sensed K-Space Acquisitions with Deep

Convolutional Neural Networks," JNTUA on 30th July, 2021.

Mechanical Engg.



Mr. Suri Srinivas, Asst. Professor, Mechanical Department was awarded Ph. D. for his research on, "Experimental and Numerical Analysis of Superplastic Forming for Light Weight Alloys," JNTUH,

March, 2021.

Applied Sciences & Humanities - English



Mr. G. Anjaneyulu, Assistant Professor of English, was awarded Ph.D. for his research on "Phonological Factors in SMS Texts of Telugu-English Bilingual College Students," Osmania University, April

2021.

Department of Business Management



Ms. B. Menaka, Assistant Professor of BM, was awarded Ph.D. for her research on "Employees' Perception On Performance Appraisal System – A Comparative Study in Select Public & Private Sector Banks at Hyderabad, Telangana State,"

Andhra University, September 2020.

Department of Business Management



Ms. G. Bharathi, Assistant Professor of BM, was awarded Ph.D. for her research on “A Study On Corporate Social Responsibility (CSR) practices in Indian Banking Sector With Special Reference to State Bank of India (SBI), Hyderabad Region,” JNTUK, November 2020.

Projects & Consultancies

Mechanical Engg.

Consultancy project was obtained from RR Industries for the project titled “Structural Analysis of Composite tray.”

Consultancy project was obtained from CNC Techniques Pvt.Ltd. for the project titled “Plywise and Structural Analysis of Composite Tank.”

Patents

Patents were published by
Dr. A. V. Krishna Prasad

“ICDN- Object Detection System: Intelligent Object Detection System with Image Classification and Deep Neural Networks”, Application No.202041047669, The Patent Office Journal No. 46/2020, Dt.13/11/2020.

Dr. D. Shanthi

“A system for sharing Images and Multimedia message in a cloud network”, Application No:202141031402, Dt. 16/07/2021.

Faculty Achievements

Civil Engg.



Mrs. Shilpa Mishra, Assistant Professor received “Vishwakarma Award” by All India Council for Technical Education (AICTE) for encouraging and motivating young students and institutions to raise their performance in their specific domains.

Computer Science Engg.

- Mr G. Vijay Kumar, Dr. Akhil Khare, M. Anupama, T. Sujavanan the MVSREC eYantra Team was awarded a Merit for Grade-A in Task Based Training (TBT-2020) part of e-Yantra Lab Setup Initiative (eLSI) Teacher Training.
- Mr Kanajam Muralikrishna was awarded a Letter of Merit as Cisco Devnet Associate on 19-11-2020.
- Mr Vikram Narayandas & Mr Kanajam Muralikrishna were awarded Five years of service award on 19-01-2021 for active participation and dedicated service in Cisco Networking Academy.



- Dr. Sirisha Daggubati, Asst Professor, wins the “Certificate of Merit” in the DRDO Dare to Dream National Level Innovation Contest in the Individual category for proposing a novel approach to Monitor the Health and Early Warning Diagnostic Tool for Aero Gas Turbine Engine, using Data Driven Machine Learning Techniques. Defence Minister Shri Rajnath Singh felicitated the winners of ‘Dare to Dream 2.0’ Contest of Defence Research & Development Organization (DRDO) in New Delhi on October 04, 2021.
- Ms B. Saritha was honoured as Slate Member of Hyderabad Section, Telangana. for IEEE-Cs 2021 on 08-03-2021.

Conferences, Workshops, Training Programs, Webinars & FDPs Organized

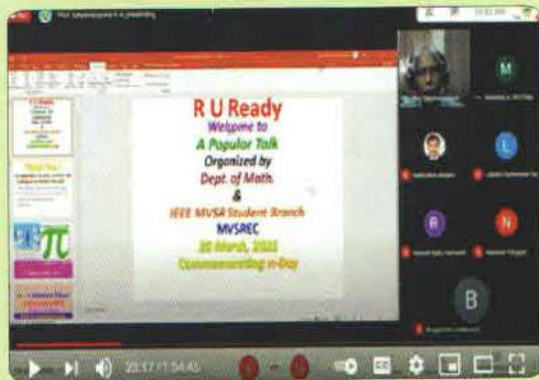
Civil Engg.



Webinar on “Methods and Practices in Advanced Pedagogy and Research Outcomes” on 31st July 2021- Internal Quality Assurance Cell (IQAC).

Applied Sciences & Humanities

Mathematics



Department of Business Management



A webinar on "Preparing Vision Document and Institutional Strategic Plan (An IQAC Initiative)," by Dr.A.Patrick, Joint Director, Directorate of Admissions, Osmania University, 30th July 2021.



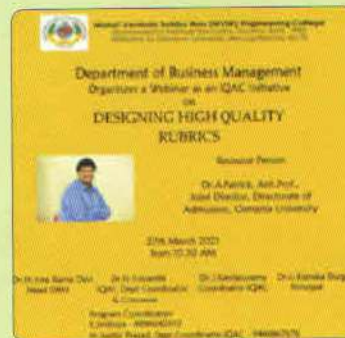
A webinar on "Industry Academia," by Mr.M. Jeevan Gumudavelli, Alumni MBA, 22nd June 2021.



"Financial Statement Analysis Competition" - 7th April 2021, Guest of Honour - Mr.Vamshi, CEO of Wealth Tree Group.



One-day Workshop on "BEAT COVID-HELPER SKILLS,"organised by Mahatma Gandhi National Council of Rural Education (MGNCRE) Ministry of Education, Government of India In Association With Department of Business Management - REDC, NCC Unit, NSS Unit, Matruri Venkata Subba Rao (MVSR) Engineering College- 28th May 2021.



A webinar on "Designing High Quality Rubrics (An IQAC Initiative)," by Dr.A.Patrick, Joint Director, Directorate of Admissions, Osmania University, 27th March 2021.



A Webinar on “Emotional Intelligence at Workplace” by CMA Kiran Agastya, Vice President, Deloitte - 11th December 2020.



A Webinar on “Financial Wellness” in collaboration with National Centre for Financial Education (NCFE) by speaker Dr.K.Prabhakaran 21st November 2020.



A Webinar on “Business Analytics Opportunities” by Dr.D.V.Ramana 1st October 2020.

Guest Lectures

Computer Science Engg.

- Guest Lecture on “A Life-long Learning in SE Practices” was organized
- Guest lecture on “Understanding Client and Organization Requirements in IT industry” – 15th September 2020.
- Guest Lecture on “Open Source Projects in different domains” – 23rd December 2020.

Electronics & Communication Engg.

- Dr. S. P. Venu Madhav delivered the following lectures:
 - “Semiconductor Device Modeling”, IETE Hyderabad Chapter, Hyderabad, September 13, 2020.
 - “MARKOV CHAIN & MONTE CARLO ANALYSIS”, Faculty of Mathematics, Applied Sciences & Humanities Department, MVSREC.
 - “ARM Programming”, Department of ECE, MVSR Engineering College, November 26, 2020.
 - “Bus Structures in SoC Design”, Department of ECE, MVSR Engineering College, 18 December 2020.
- Mr. Zaheer Ahmed delivered a lecture on, “Introduction to System Generator in Vivado”, Department of ECE, MVSR Engineering College, on 12/18/2020.

Electrical & Electronics Engg.

- A lecture on “Applications of AI & Machine Learning in Electrical & Electronics Engineering” in association with Pantech by Mr.Srinivasu Ala, M.Tech, Pantech - 5th May 2021.
- A lecture on “PCB designing and Graphical System Design using NI Labview” by Mr. Sreeram Tharun, Applications engineer, TechFluent, Hyderabad - 7th May 2021.

Mechanical Engg.

- A lecture on “Overview of Iron Casting Process” by Mr. D. Ashok Kumar, Manager, Ferrous applications, MAGMA Engineering India Private Limited, Hyderabad - 15th February 2021.
- One-day Technical Session on “Raising Industry Proficient Engineers (R.I.P.E.)” by Mr. Ramprasad L.V. Founder CEO, R&AC in association with R&AC Academy for B.E. III & IV year students, 4th December 2021.
- A Lecture on “Industry 4.0” by Dr. J. Kandasamy, Prof., MVSREC, 22nd December '21.

Journal/Book Publications by Faculty

Computer Science Engg.

- Dr Sesham Anand & Dr Rajesh Kulkarni
 “ Sustainable Mobility through Pollution-Aware Models and Policies: A Systematic Review.”
 International Journal of Emerging Technologies and Innovative Research, 28th March 2021, ISSN No.: 2349-5162.

“Transcript Factors Associated with Disease Resistance in Plants and their Potential for Crop Improvement” ICACT2021, 20th & 21st May 2021, 978-93-5473-030-6.

“Unknown Attack Detection in Cloud Based on Correlation Analysis” ICDAM-2021, 26 June 2021, 10.1007/978-981-16-6289-8_56.

“Machine Learning Based Breeding Values Prediction System(ML-BVPS)” ICDAM-2021 26 June 2021, 10.1007/978-981-16-6289-8_22.

“Survey on Fake News Detection using Machine Learning Algorithms” IJERT, ISSN : 2278-0181.

- Dr.D. Shanthi

“The Blue Brain Technology using Machine Learning” ICCES2021, 08- 10/ July 2021, 978-1-6654-1182-0.

- Ms. J. Sowjanya

“Impact of COVID-19 Pandemic on Education using Sentiment Analysis.” Journal of Emerging Technologies and Innovative Research, 2349-5162.

- Ms. G Ushasri, Ms. K Ramya Madhavi, Ms. A. Manasa, Ms. P Amba Bhavani

“Driver Drowsiness Detection using Eye Aspect Ratio” Gradiva Review Journal, ISSN NO: 0363-8057.

Automobile Engg.

- Mr. A Gnanreddy

Variation of Temperature, Pressure, Potential and Current Density in Cold Metal Transfer(CMT) Welding Process in JETIR page no. 26925-26933, ISSN NO. 2349-5162, with impact factor 7.95

- Mr. Malikasab Bagwan, Mr. G. Saidulu, Mr. R. Pranav

Design and Analysis of the Drive Shaft of a Toyota Qualis using Composite Materials in IJSTM, page no.37 to 47, 2394-1537 with impact factor 6.3

- Mr. Malikasab Bagwan

The influence of Injection Pressure on performance Characteristics of CI DI Engine using Blends of Biodiesel (Waste Cooking oil) in IJSTM, page no.31 to 36, 2394-1537 with impact factor 6.3

Applied Sciences & Humanities

Mathematics

- Dr. A. Neelima

“Cross Diffusion Effects on Hydrodynamic Rivlin-Ericksen Fluid Flow Past a Vertically

Inclined Plate in Presence of Heat Source, Viscous Dissipation and Heat Transfer: A Finite Difference Technique.” Kala Sarovar ISSN: 0975-4520 (UGC Care Group-1 Journal), Vol. 3, No.02- November-December 2020, Pg:191-205.

- Ms. D. Bhagyamma

“Numerical Solution of Singularly Perturbed Two-Point Boundary Value Problem using Transformation Technique using Quadrature method.” Turkish Journal of Computer and Mathematics Education, Vol.12 No.9 (2021), 2084–2091.

English

- Dr. G. Anjaneyulu

“Phonological Adaptations and Syllable Structure of Telugu SMS Texts in Computer Mediated Communication” Osmania papers in Linguistics (OpiL), Volume – 41 (Pg: 80-92) ISSN 0970-0277.

Department of Business Administration

- Dr. N. Sravanthi

“Awareness of Tax Saving Schemes among Salaried Employees.” The International Journal of Business Management and Technology, Vol. 5, Issue5, September–October 2021, ISSN No.2581-3889. Pg no.1 to 4, Dated 9/5/2021.

- Dr. N. Sravanthi & Ms. M. Jyothi Prasad

“Performance of ULIPS in Comparison with Mutual Funds.” International Journal of Psychology and Education(2021)58 (5) Scopus Indexed & Google Scholar, ISSN 1553Pg No. 5352-5358, Dated 1/2/2021.

- Dr. B. Menaka

“Human Resource Policies Influence on Organization Culture with Special Reference To Start Up.” International Journal of Psychology and Education(2021)58 (5) Scopus Indexed & Google Scholar, ISSN 1533-6939, Pg No. 4044-4062. Dated 7/7/2021.

- Dr. B. Anjan Kumar

Published a chapter in the National Book titled “Being Human: Ethics & Environment and the title is “A Review on Sustainable Development – Facts and Challenges, ISBN No.9789387916937. Pg Nos. 29-34. Dated 8/12/2020.

“Empirical Study on Traditional Outlets by Examining Customer Loyalty.” A Gitam HBS Business School Journal, The Indian Management Researcher –National level ISSN No. 2349-2090. Pg Nos. 29-38. Dated 1/12/2020.