



MALLA REDDY UNIVERSITY

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MRUH NEWSLETTER

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KNOWLEDGE EMPOWERMENT WORLD

“ Intellectuals are not born but are made.”

As knowledge is power, focus must be given in grooming dynamic leaders, not just graduates. Our society needs Enthusiasts with passion to transform India into a “Force to reckon with”. I believe that the aim of Education is the knowledge not of facts but of values.



Sri Ch. Malla Reddy
Founder Chairman

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Kill the Cancer – A Mega Event! at MRUH

An awareness program “kill the Cancer” has been organized at Malla Reddy University campus on October 29, 2022 in collaboration with ISCON Hyderabad. The program was inaugurated by founder chairman Sri CH Malla Reddy, Labour Minister and the Mega Star Sri. Chiranjeevi as a chief guest of the occasion. The chief guest emphasized that the people are facing hazardous health issues due to unawareness of deadly cancer disease. This can be cured if it is detected in initial stages. The students should not get addicted to cigarettes and drugs etc. All these give temptations to start with but later these become slow poison in the long run, that will lead to fatality at later stages. ISKCON is renowned for its dedication to and vision for advancing Human society. In order to improve India’s future, ISKCON is influencing and altering hundreds of thousands of people today by teaching them healthy behaviours. The ISCON devotes Sri Maha Shring Das, Srivatch Guru Swami, and Sri Subramanya Guru Swami performed the Hari Nama Sankirhana with all the students. Dr. Preethi Reddy, Director of Medical Science of Malla Reddy performed various Indian classical dances based on Sri Chiranjeevi films. This event was a grand success and received appreciations; all round support from faculty, students, local people and media. The program is attended by Mr. Mahindra Reddy, Secretary, Dr. Badhra Reddy, President of MRGI and Dr VSK Reddy, Vice chancellor and all university authorities. The grand event was witnessed by more than 50,000 students of Malla Reddy group of institutions and other collages.

UNNAT BHARAT ABHIYAN

Malla Reddy University has adopted five villages in Medchal-Malkajiri district under Unnat Bharat Abhiyan (UBA) through the Ministry of Education. The faculty members and students of Malla Reddy University visited “Gowdavelly” village on December 24, 2022. The students interacted with the local people and identified their problems through household and village survey forms. This programme is a part of academic curriculum for finding technical solutions for villagers’ problems by developing a prototype device through start-ups or by raising funds.

Malla Reddy University is thankful to IIT Delhi for sanctioning a grant of Rs. 50,000/- under UBA through the Ministry of Education.



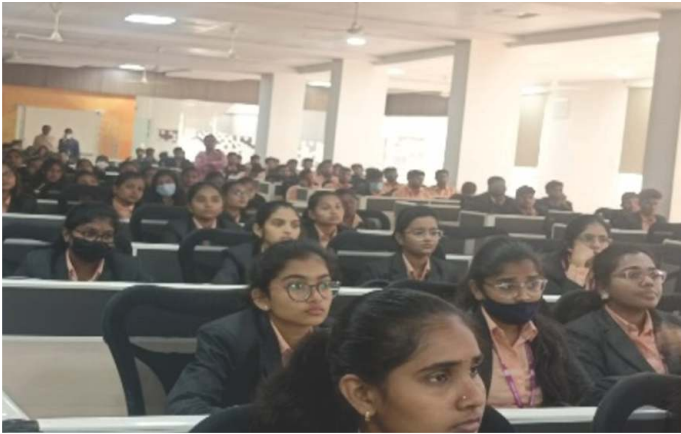
Computer Science Engineering



Students of CSE were awarded the best Prototype Design on Robotics

Two Days Workshop on Cloud Computing AWS

A two-day workshop on “Cloud Computing AWS” was organized by the Department of CSE, during November 18-19, 2022. The workshop was inaugurated by Prof. K Kailasa Rao, Dean and Dr E V Reddy, HoD. They emphasized the important role of the workshop to expose to the various types of advanced technologies and techniques used in Cloud Computing, AWS. Mr. Venkata Rahul, Senior Solutions Architect, Hewlett Packard Enterprise was the Resource Person who delivered a session on AWS Lambda Service, DNS, EC2, and S3.



Three Days Workshop on UI/UX Design

A three-day UI/UX Design workshop was organized during December 20-22, 2023 in six sessions by the department of CSE. The inaugural session was commenced by the Deans and the HoDs. Mr. Srinivas Gorantla, a Corporate Trainer was the chief guest and delivered a session on introduction to Web Development Tools, Hyper Text Markup Language and Cascading Style Sheets. A hands on session on Introduction to JavaScript, JS Functions and Objects, JavaScript, Static Website Design with some real-time scenarios were discussed.



Sports Activities

Ms. L Aishwarya, Ms. D Varsha, Ms. K Karnika, and Ms. Shreya Reddy of CSE won the First Prize in Throw Ball (Women) Mr. N Harshit, Mr. G Deepak, Mr. N Harish, and Mr. V Sai Kiran of CSE won the Second Prize in Volley Ball (Men) competition held during "20 Years Sports Fest Celebrations" organized by Malla Reddy Engineering College, Hyderabad on November 28- 29, 2022.

Ms.P Kalyani of CSE won the first prize in the "YOUR START-UP STORY" titled on Sound Proof Pods, an event organized under UDHBHAVA Technical club, held on Dec 4, 2022.

Department of Cyber Security & IOT

Five Days Digital Forensic Boot Camp & One Day Hackathon

The Department of Cyber Security & IOT organized a one-week BOOTCAMP (five days BOOT CAMP and one-day HACKATHON) on "DIGITAL FORENSIC" from December 12 - 17, 2022. It was inaugurated by the Dean, Prof. Kailash Rao, Director of T&CG, Mr.Venkat RK, Associate Dean of School of Engineering Dr. Harikrishna Kamatham, and the HoD of Cyber Security, Dr.Meeravali. Mr.Santhosh, of Supraja Technologies, was the Resource Person.



Poster Release of ICFESM-2023

The School of Sciences (SoS) is going to organize an International Conference on “Fluid Flows and Energy Storage Materials” (ICFESM-2023) on March 17 & 18, 2023. The poster of the Conference was released by Dr VSK Reddy, Vice Chancellor MRUH along with Dr V Dhanunjana Chari, Dean SoS and the other dignitaries on December 8, 2022. This conference provides an international platform to academicians, scientists and research scholars to exchange their experience and research results in the area of science and engineering.



Symposia

The Department of Freshman Engineering organized Symposia during ANWESHA 2K22 Fest on the theme of “National Energy Conservation” on December 23, 2022. This event was organized to provide a platform to students to present their views and ideas. The winner was Hanisha Reddy (AIML-Sigma) and runner-up was K. Lakshmi Sai Chinmayee (IoT Alpha).



Expo-Pradarshan

The Department of Freshman Engineering organised Expo-Pradarshan on the theme of “National Pollution Control” on Dec 23, 2022. This coordinated by Dr A. Ashok and Mr J. Shashi Kumar .



The Department of English

During the two-day fest, “ANVESHA-2k22, the Department of English organized “Extempore: Sent-e-thon” on December 23- 24, 2022. The competition aimed at making the students good orators. The competition enabled the participants to think spontaneously and assert their ideas creatively with precision. Dr. Manjeeth Kumar Singh & Dr. Nazir Ahmad were the coordinators of the event. Ms. Adepu Eeshaswi of IoT-Gamma and Mr. Seetha Naveen Yadav of AIML-Epsilon were the winners.



SCHOOL OF AGRICULTURAL SCIENCES

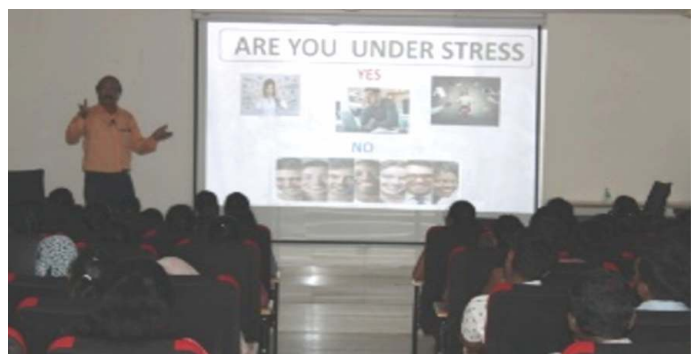
Orientation Programme

The Orientation Program B Sc Ist year students organized on 20, 2022. Dr. A. Raja Reddy, Dean SoAS, , advised the students to make use of the vast experience of the Professors and University facilities. Dr. Ch. Srinivasa Rao, Director, National Academy of Agriculture Research Management was the Chief Guest for the occasion. He focused on food security, export potential of agriculture commodities and potential care and guidance needed for the young students. Chairman Shri Ch. Malla Reddy Garu motivated and encouraged the students to realize the enormous potential within and work hard and wished them good luck to grow to greater heights in life.



Guest lectures

Dr. C. Veerender, Psychologist and F&D trainer, Hyderabad and Dr. V Srinivasa Rao, Deputy Director (AH), Hyderabad presented the motivational lectures to the first year students on October 21-22, 2022.



Board of Studies

The various departments successfully conducted the Board of Studies meeting for the Academic Year 2022-23 and modified the syllabus as per the emerging trends and job market in the country and finally approved by the Board of members

Food Festival

The Department of Food Science and Technology, SoAS organized a “Food Tech Fest 2k22” MADHURAM on November 5, 2022, inaugurated by Dr. VSK Reddy, Vice Chancellor. with an objective to encourage the students and to bring out their hidden talents of students. Events like - Cooking without fire, Quiz competitions and painting contest were conducted. Dr. Latha Sashi, Chief Nutritionist and Head, Department of Clinical Nutrition and Dietetics, Fernandez Hospital, Hyderabad delivered a lecture on “Healthy eating for Healthy Living”.

Dr. Latha Sashi, the resource person stressed on the importance of essential nutrients for healthy life style in the 21st century against the backdrop of pandemic. In addition, the pivotal role of FSSAI in ensuring the food safety of edible oils, milk and milk based products etc.



World Soil Day 2022

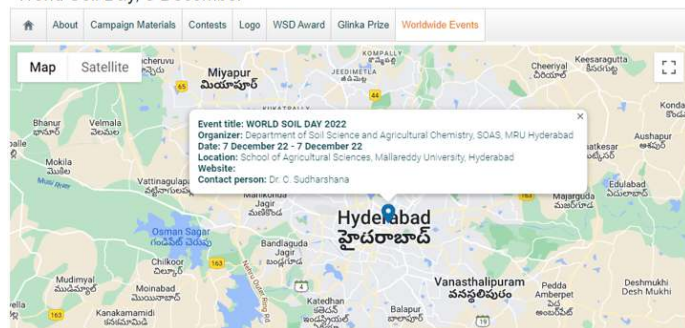
The Department of Soil Science and Agricultural Chemistry celebrated World Soil Day on December 10, 2022 with the theme of SOILS: WHERE FOOD BEGINS to commemorate the birthday of King Late H.M. Bhumibol Adulyadej who was one of the main initiators to give awareness about soil conservation and maintaining soil health. Different events viz. Rangoli, Mud craft competition and Face painting were organised for the students and prizes were distributed. Hari Kishan Sudini, Principal Scientist from ICRIASAT was the Chief Guest. He said that soil is important not only for micro flora and fauna but also for all life on the earth and he also explained the future of soil science and its importance for future generation.



The UNITED NATIONS body FAO identified World Soil Day 2022 celebrated at SoAS, MRU Campus and listed it as a worldwide event.



World Soil Day, 5 December



NSS Activities

As a part of NSS activities, students were given an Orientation lecture on November 11, 2022 by Dr A Raja Reddy, Dean of SoAS, on the role of youth as volunteers in nation building, clean & green programme, planting saplings, sanitization etc. He emphasized that being agricultural students, volunteers must focus on preservation of soil, water and plants for sustainable environment which in turn helps for sustainable Agriculture. Students participated in personality development lectures and in Poster Making and Clay Modelling on the topic of soil conservation.



6) “Krishi Anubhav Abhyas Program” was started by SoAS, in collaboration with Na Panta, a smart farming platform on October 21, 2022 along with 100 students from SoAS by adopting 10 villages surrounding Medchal. The program facilitated students to learn common agricultural practices followed at farmer level.



Workshops and Training Programs Organized

Remote Sensing Workshop



- 1) Basics of Remote Sensing, Geographical Information System and Global Navigation Satellite System, in collaboration with the Indian Institute of Remote Sensing (IIRS) organised during August 22- Nov 25, 2022
- 2) Overview of Geographical Information System in collaboration with the Indian Institute of Remote Sensing (IIRS) Oct 3- 28, 2022
- 3) Global Navigation Satellite System in collaboration with the Indian Institute of Remote Sensing (IIRS) organised during Sept 19-30, 2022
- 4) UAV workshop in in collaboration with the Indian Institute of Remote Sensing (IIRS) was organised during Nov 21, 2022 . These program were coordinated by faculty member Dr Mahesh Palakuru.
- 5) “An Introduction Programme on Sahaja Yoga Meditation”, was organized at SoAS on December 3, 2022 for all staff members.



Educational Tours

1. Educational tour was organised for the students to the International Crops Research Institute for the Semi-Arid Tropics (ICRISAT) from November 9, 2022 to December 5, 2022 in batches.



2. Exposure visit was conducted for the students to Indian Institute of Oilseeds Research (IIOR), Rajendranagar, Hyderabad for observing pests of Oilseed crops like castor, sesame, sunflower, safflower, groundnut and Niger.
3. Students and faculty visited National Institute for Small and medium Enterprise (NIMSME), Yousufguda on November 22 - 28, 2022 to acquaint themselves about the Small and Medium Enterprises that are available to the people to start on their own for livelihood and earn money.



4. Students visited Institute of Forest Biodiversity, Kompally to gain knowledge on various activities and the forest species grown in the institution on November. 30, 2022

- The students were taken to Centre of Excellence, Jeedimetla to gain knowledge of different Horticulture crops grown and had an exposure to various polyhouses, shade nets and propagation techniques of various flower plants.
- Students visited to Indian Institute of Rice Research, Rajendra Nagar, Hyderabad.



- Students visited to Institute of Forest Biodiversity, Kompally

National Farmathon

The SoAS organized a “Farmathon”, a farmer’s event on December 23, 2022. It was a run for farmers under the theme, “Circular Economy Agriculture Practice” and it was an initiative of 100+ CSR companies. More than 1000 farmers participated and private company stalls were arranged showcasing their products for the benefit of farmers. On the occasion, Chairman Shri. Ch.Malla Reddy participated and gave an inspiring message to the farmers and students. Dr. VSK. Reddy and the other higher officials from the University also participated. Eminent people from NGOs and farmers participated and addressed the gathering.



Memorandum of Understanding (MoU) Signed

Six MoUs were signed on November 30, 2022 with NGO KVKs – Jammikunta-Karimnagar dt., Gaddipally-Nalgonda dt., Madanapur-Mahabubnagar dt., Tuniki-Medak dt., Yagantipalli-Nandyal dt., and BCT, Haripuram- Vishakaptnam dt., for Collaboration in academic activities for placing the final year students of B.Sc. (Hons) Agriculture in villages of KVK under Rural Agricultural Work Experience Programme (RAWEP) as part of the academic curriculum. All the Secretaries and representatives of these KVKs attended and the MoUs were signed by the Registrar in the presence of Hon’ble Vice Chancellor Dr. VSK Reddy, MRU.



SCHOOL OF ALLIED HEALTH SCIENCES

Invited Talk

Dr. K. Sunitha Premalatha AGM & Chief Dietician Yashoda Hospital has been invited to present a talk on Diet and cancer, FAD Diets to the student of Clinical Nutrition on December 28, 2022

Telangana Science Fair

A total of thirteen project are presented on Telangana Science fair Academy at Osmania University Hyderabad on November 26, 2022. The five projects were selected for the awards

List of students who secured prizes in conducted by Telangana Sciences Fair Academy at Osmania University, Hyderabad on 26th Nov, 2022. Shyamanand Dubey V. Srividya K. Tinesh of Life Science students presented project titled on Recycling waste water into electricity by Microbial Fuel Cells and secured first prize in the category of Environmental Science. N. Jahnvi T. Harshitha J.Adithi of AOTT presented project titled on PCOS: Awareness and acknowledgement among adolescent girls, who are at the urge of it and secured second prize in the Life Science category. D. Varshita Sai S.Veda Rishika Pranishka of MBT presented project titled on Aquaponics and secured second prize in Life Science category. A. Nikhila, M. Shivani Reddy of MBT presented project titled on How is light being used in cancer treatment and secured third prize in Life Science category. M.V. Subha Lakshmi, N. Sakshitha of MBT MBT presented project titled Does Music effect on Plant Growth? and secured third prize in Life Science category.





SCHOOL OF MANAGEMENT AND COMMERCE

The orientation program was organised for 1st year MBA students on Nov 28th 2022. It was inaugurated by Dr M Anjaneyulu, Registrar and Dean, SoMC and Chief Guest Mr. P.S.N. Murthy consulting expert. The Chief guest presented a talk on economic situation and stock market of India.



PATENTS

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3. **Preeti C M** et al., "The CNN approach for the lung cancer detection in Image processing" Application Number: 2022211066497, 25th Nov. 2022
4. **Dr. K. Rajeshwar Rao** et al., "STATISTICAL MACHINE LEARNING MODEL BASED ON DISTRIBUTION NETWORKS FOR RENEWABLE ENERGY PRODUCTION AND INTEGRATION" Application Number: 202241072336, 30th Dec. 2022

5. **Dr. G. Hariharan** et al., "MACHINE LEARNING AND ARTIFICIAL INTELLIGENCE TECHNIQUE FOR INTRUSION DETECTION IN CYBER SECURITY", Application Number: 202241066583A 25th Nov.2022.
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3. **Dr. B. V. V. Siva Prasad** et al, "ML & amp; DI Techniques To Develop Iot Applications", Scientific International Publishing House. ISBN: 978-93-5625-237-0.
4. **Dr. P. Aurchana, Dr. S. Nagaraj**, "Artificial Intelligence and Machine Learning", RK Publication, ISBN : 978-93-95331-96-8
5. **Dr. Nirmala Jyothi** et al, "Data Science Revealed and Challenges for 21st Century", Scientific International Publishing House, India, November 2022. ISBN: 978-93-5625-550-0.
6. **Dr. A. Sivakami** et al. "Bio Physics-An Introduction", Lambert Academic Publishing, ISBN NO. : 9786205525890, Dec. 2022.
7. **Dr. B. Nageshwar Rao and V. Vijayakumar Dasari, Naveen Kumar.N**, Book title : IoT sensors and Devices with ISBN NO:978-93-5625-492-3, published under Scientific International Publishing house.

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24. **Meera Indracanti** et al., Cervical cancer prevalence and associated risk factors in women employees working star hotels in Gondar town, Ethiopia. European Online Journal of Natural and Social Sciences. 11(4), 862-873, December, 2022 **(TR & Web of Science)**

MALLA REDDY UNIVERSITY - ACHIEVEMENTS

Special Accomplishments

- UGC 2(f) recognized by Govt. of India
- Ranked 6th in top Emerging Private Universities in India by Times of India
- Ranked 1st in top Emerging Private Universities in the State of Telangana by Times of India
- Awarded as the best University in Technology adoption in South India by Collegedunia 2022
- Awarded India's top 100 best universities in technology adoption by ASSOCHAM 2022
- ISO 14001:2015 Certified University - Environmental Management System
- ISO 9001:2015 Certified University - Quality Management System
- ISO 50001:2011 Certified University - Energy Management System
- University Administration / Academic - Digital Enabled Campus
- Member of NAASCOM
- Nodel Center for Virtual Labs MHRD Govt. of India
- NIPAM - Certificate of Appreciation by National Intellectual Property Awareness Mission
- Global Educational Institutional Award
- CSI - Computer Society of India: Institution Membership
- Member of IIMA - Indian institute of Management, Ahmedabad
- Member of all India Management Association
- Member of IAP – Indian Association of Physiotherapists
- Member of ICT Academy – Technology Development
- University of Cambridge Empower: LSWR - Training and Certification
- Technology Programming and Application Development learning tool by CodeTantra
- Training and Certifications in respective specializations by Industry International Universities Collaborations.

Memorandum of Understandings (MoU's)

- Bharatiya Yuva Shakti Trust, Hyderabad Achieve and Impart quality education
- Sahasra Crop Science (P) Limited for Academic - Research Collaboration
- Synergic Alliance - Social cause of recycling of Dry Waste & Environmental Protection through recycling.
- Smart Farming - Registered Chamber of Commerce
- UiPath Academic Alliance - Robotic Process Automation (RPA) Knowledge Ecosystem
- International Universities Collaborations for Short Term Courses / Internships and Higher Education
- University – Industry Collaborations
- MRU ICT Academy CoE for Women Empowerment – “Tech4All programme” – powered by Cognizant Foundation
- ETS India for GRE/ TOEFL assessment Test Centre
- Coursera for technology training programs
- CodeTantra for coding skills training
- AWS Academy Cloud Foundations / AI & ML Foundations / Data Analytics Foundations certification.
- Palo Alto Networks Certified Cybersecurity Entry-level Technician (PCCET) Cybersecurity Foundation Network Security Fundamentals, Cloud Security Fundamentals, Security Operations Fundamentals (SOC)
- Blue Prism Academy RPA Foundation
- Juniper Networks Certified Associate (JNCIA) - JUNOS (R & S) / DevOps & Automation / Cloud/ Security/ Mist AI
- Microchip Academic Program PCB Design LTSpice Programming, VHDL Programming, FPGA, ATMEGA 16, Embedded Linux
- UiPath RPA Developer Foundation & RPA Developer Advanced
- Celonis Process Mining Fundamentals & Process Mining Expert
- CISCO NetAcad for CCNA/CCNP, Cyber OPS, DEVNET, Network/cloud, Security & IT Essentials training and certifications
- Sparked Alteryx (Data Analytics Automation) Designer Core & Alteryx (Data Analytics Automation) Designer Advanced

Academic Best Practices

- Choice Based Credit System
- Interdisciplinary / Multidisciplinary
- Flexible Industry Oriented Curriculum
- Technology Training and Certifications
- Institution to Corporate Exposure
- International Career Guidance
- Skill Development Programs to Suit Corporate Needs
- Multiple Exit options – Degree awarding
- Outcome Based Education
- Credit Transfer System
- Academic Credit Bank (ACB)
- University – Industry Collaborations
- International Universities Collaborations

“ A thought beyond horizons of success
committed for professional excellence ”

PROGRAMS

SCHOOL OF ENGINEERING

PROGRAMMES OFFERED

B.Tech:

- COMPUTER SCIENCE & ENGINEERING
- ARTIFICIAL INTELLIGENCE & MACHINE LEARNING
- DATA SCIENCE
- CYBER SECURITY
- INTERNET OF THINGS
- VR & AR (VIRTUAL REALITY & AUGMENTED REALITY)
- INFORMATION TECHNOLOGY

M.Tech:

- COMPUTER SCIENCE
- EMBEDDED SYSTEMS
- BIG DATA ANALYTICS
- CLOUD COMPUTING
- MACHINE LEARNING & DEEP LEARNING

Ph.D PROGRAMMES

SCHOOL OF ALLIED HEALTH SCIENCES

PROGRAMMES OFFERED

UNDERGRADUATE PROGRAMMES

B.Sc. (Hons.) 4 Years

- ANAESTHESIA & OPERATION THEATRE TECHNOLOGY
- CARDIO VASCULAR TECHNOLOGY
- MEDICAL BIO-TECHNOLOGY
- MEDICAL LAB TECHNOLOGY
- OPTOMETRY
- RADIOLOGY & IMAGING TECHNOLOGY
- EMERGENCY MEDICINE & CRITICAL CARE TECHNOLOGY
- BIO-TECHNOLOGY, BIO-CHEMISTRY, MICROBIOLOGY
- CLINICAL NUTRITION, DIETETICS & FOOD SCIENCE
- DIALYSIS TECHNOLOGY
- RESPIRATORY THERAPY

PHYSIOTHERAPY COURSES

4^{1/2} / 2 Years

- BPT - BACHELOR OF PHYSIOTHERAPY
- MPT - MASTER OF PHYSIOTHERAPY

M.Sc. PROGRAMMES

- CLINICAL RESEARCH & EXPERIMENTAL MEDICINE
- CLINICAL NUTRITION AND DIETETICS
- CLINICAL MICROBIOLOGY
- HEALTH PSYCHOLOGY

SCHOOL OF AGRICULTURAL SCIENCES

PROGRAMMES OFFERED

B.Sc. in

- AGRICULTURE
- HORTICULTURE
- FOOD SCIENCE & TECHNOLOGY

M.Sc. Agriculture in

- GENETICS & PLANT BREEDING
- AGRONOMY
- ENTOMOLOGY
- PLANT PATHOLOGY
- AGRICULTURAL EXTENSION
- HORTICULTURE
- FOOD SCIENCE

Ph.D PROGRAMMES

SCHOOL OF SCIENCES

PROGRAMMES OFFERED

UNDERGRADUATE PROGRAMMES

B.Sc.: 3/4 Years

- DIGITAL FORENSICS
- COMPUTER SCIENCE

SCHOOL OF MANAGEMENT / COMMERCE

PROGRAMMES OFFERED

BBA PROGRAMMES: 3/4 Years

- BACHELOR OF BUSINESS ADMINISTRATION
- HUMAN RESOURCE MANAGEMENT
- MARKETING MANAGEMENT
- FINANCE MANAGEMENT
- BUSINESS ANALYTICS

MBA PROGRAMMES

- HUMAN RESOURCE MANAGEMENT
- MARKETING MANAGEMENT
- FINANCE MANAGEMENT
- BUSINESS ANALYTICS
- LOGISTICS & SUPPLY CHAIN MANAGEMENT
- HEALTH CARE & HOSPITAL MANAGEMENT
- EXECUTIVE MBA

Ph.D PROGRAMMES

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**MALLA REDDY
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