Chief Patron	:	**Shri Ch Malla Reddy** Founder Chairman
Patrons	:	**Shri Ch Mahender Reddy** Secretary
		Shri Dr Ch Bhadra Reddy President
Chief Editor	:	**Prof. VSK Reddy** Vice-Chancellor
Editors	:	**Dr. M Anjaneyulu** Registrar
		Prof. D Pramod Dean, R&D

Contents

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

Celebrating 75th Independence Day with **Indian World Record** for Chanting National Anthem by gathering **30,000** Students at MRUH

75th Year of Azadi Ka Amrit Mahotsav

The university has organized 75th Year of Azadi ka Amrit Mahotsav celebrations of India on August 16, 2022, in a grand way in the University grounds with more than 30,000 students with Teaching and non-Teaching staff of Malla Reddy Group of Institutions. It is one of the biggest gatherings of the country and got award from Indian Book of Records to Malla Reddy University, titled - "Greatest number of people waving Indian National Flag and reciting the pledge to be patriotic 365 days".

Honourable Minister and Chairman Sri CH Malla Reddy, Secretary Sri CH Mahender Reddy, President Dr Ch Bhadra Reddy, Director Dr Preethi Reddy, and Vice- Chancellor Dr VSK Reddy and other management committee members welcomed the chief guest Sri T Harish Rao, Finance and Health Minister of Telangana State government, and other dignitaries. The august gathering participated enthusiastically in the cultural program as well as flag hoisting ceremony at 11:30 am. It is a record- breaking event of students and all others have actively participated and sang the National Anthem together.

International Conference on Philosophical Research, Science and Literature (ICPRSL-2022)

The first ICPRSL was held on September 5 -6, 2022 6th, on the occasion of Teacher's Day, the birthday of Indian Philosopher Bharata Ratan Dr. Sarvepalli Radha Krishna. The Conference is sponsored by Indian Council of Philosophical Research (ICPR), Ministry of Education, New Delhi. The conference was inaugurated by the Chief guest Prof. Sachchidananda Mishra, Member Secretary of ICPR, New Delhi. The theme of the conference is to inculcate Philosophical science, ancient Vedic concepts, human values, self-realization, the purpose of life, body and soul and research ethics in the minds of young faculties and research scholars that would motivate them to pursue their research activities which would enhance their teaching abilities to impart the best education to students, keeping the importance of ethical research. The conference was held on oral as well as poster presentation mode.

The conference has received eighty research papers philosophers and faculties from various universities and organization from all over India and abroad. The organizing committee members, Prof. VSK Reddy VC, Dr M Anjaneyulu, Registrar, Dr D Pramod, Dean R&D and Convenor of Conference, thanked the ICPR for sponsoring the conference and appreciated all dignitaries who have come from different parts of India, to attend the conference and foreign philosophers, who presented the papers online from foreign countries.
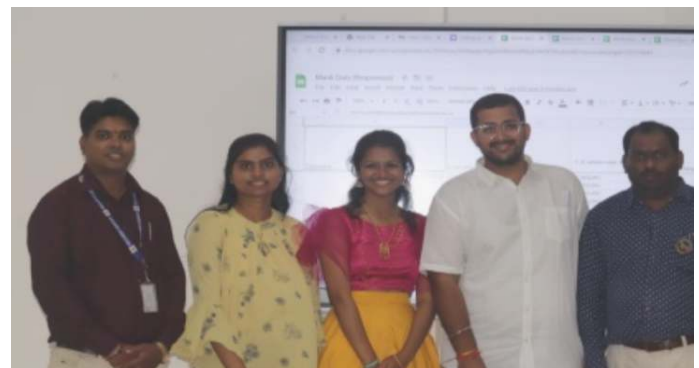

Saarang 2K22 (Spark-Intelligentia 2K22)

The university took the initiative to organize Saarang 2K22 - cultural activities on September 30, 2022 to expose the students to different domains. Such a holistic development is important for the students to be absorbed in various organizations. This will be their additional achievements to fame. It was well-coordinated under the guidance of VC, Prof. VSK Reddy, Organizing Secretary, Dr. Thayyaba Khatoon, all the Deans, HoDs, and with the support of all the faculty and students, it was made a grand success. All the schools of the University organized various events under this banner.

Data Science and IT: The department conducted Nrityotsav-2k22 (dance competition) and Rangoli competition under the guidance of Dr. G S Naveen Kumar, HoD, DS & IT. The faculty co-ordinators of the event were Mrs.K Shravani, Dr.K Srikanth and Ms.B Prasanthi.

Cyber Security & IOT: The department organized Code Decode, Quiz & Short Film Making. Students from various departments participated with zeal and enthusiasm and won exciting prizes.

Mechanical (SOE-1 year CS&DS): The department hosted Kalaakar event categorized into Art (painting) and Craft Making. The faculty coordinator was Dr. G Bala Narasimha.

English: The department conducted three Literary Events - Extempore Speech, Connecting the Dots, and Act Out successfully under the guidance of Dr. D. Dhananjaya Chari - Dean H&S, and Dr. Srinivas Suppala, HoD. Prof. T. Suneeti was the faculty coordinator of the literary events. The winners were awarded with a certificate and a cash prize.

SOAHS: The students and staff participated in "Bathukamma event".

SCHOOL OF ENGINEERING

Computer Science and Engineering
Smart India Hackathon

Team ICONIC-6 consisting of Mohit Panwar, Charan, Kalyani, Sridhar, Hemalika, and Akshaya Preethi represented Malla Reddy University in the finals of Smart India Hackathon (SIH-2022). It was organized by the Ministry of Education, Govt. of India and AICTE, New Delhi. The event took place at PSR Engineering College, Sivakasi, Tamil Nadu on August 25 and 26, 2022. The team worked on an app named SFX-75, to give an immersive visual experience of the dimensions beyond the surfaces for students using the app. The team members were guided by our Honourable VC, Prof. V S K Reddy and Dr. E V Reddy, HoD CSE.

Techspardha - Prototype Design

As a part of **Sparks – Intelligentia 2022**, the department of CSE organized a Prototype design contest to showcase functional models of ideas or products in the form of robotic prototypes on September 20, 2022. The CSE II & III year students displayed an array of prototypes ranging from Obstacle Avoider Robot, Line follower Robot, Pit Avoider - which work using the basic principle of IR sensors, Pick and Place Robot, Soccer Robo - used for lifting objects from one location and placing them at other locations, Quadra - a four-legged walking robot which is a bionic replica of spider, to the showstopper MonBot - a Futuristic Truck with a heavy suspension. The event was concluded with a prize distribution.

Udhbhava (Technical Club of CSE) – Technical Quiz

A technical quiz was organized under Udhbhava on October 15, 2022. The event was entirely conceptualized, materialized, and organized by the Udhbhava team, student members and volunteers. The central theme of the quiz in this session was based on coding concepts in Python programming language. A total of 60 teams participated in the competition. One team from each section was selected as a winner and one member from audience was also picked as a winner.

AI & ML
DATATHON

Alan Turing Club organized "DATATHON" in 2 levels. Level-1, a Preliminary Test on Machine Learning was on June 25, 2022 and Level-2, Data Analysis and Prediction on the given data set was on July 2, 2022 for the second-year students. The programme was well coordinated by the VC, Prof. V S K Reddy, Prof. K Kailasa Rao, Dean SOE, Dr. Thayyaba Khatoon, HoD AIML. The faculty coordinator was Ms. Veena Rani.

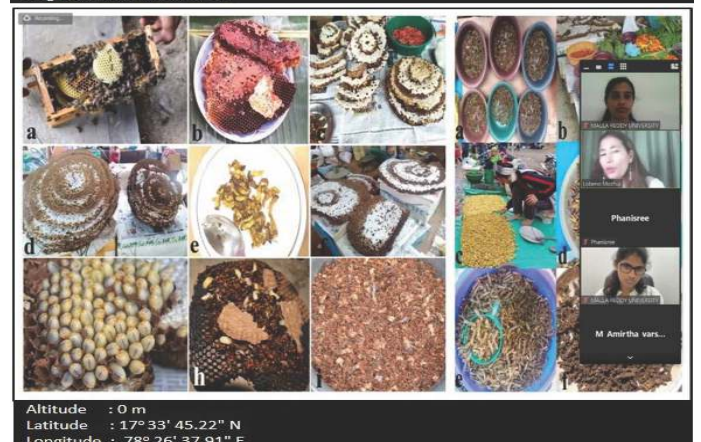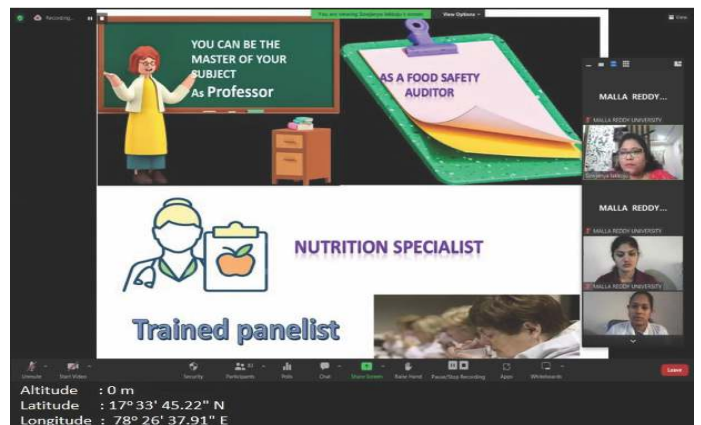## Cyber Security & IOT
BOOT CAMP and HACKATHON

The Department of Cyber Security and the Department of Digital Forensics jointly organized a BOOTCAMP for five days and HACKATHON for one day on Cyber Security during July 18 – 23, 2022. It was inaugurated by the VC, Prof.VSK Reddy, Registrar, Dr. M Anjaneyulu, the HoD of Cyber Security, Dr.Meeravali and others. Mr.Santhosh from Supraja Technologies was the Resource Person. The winners were given cash prizes.

SCHOOL OF AGRICULTURAL SCIENCES

National Webinar

Department of Food Science and Technology organized a National Webinar on **"Sustainable Food Alternatives: Opportunities and Challenges"** on Sept 9, 2022. Dr. A Raja Reddy, Dean, SoAS stated the importance of food security and stressed the significance of sustainable food alternatives for the future generation. The Resource Persons were Mr. Sayyad Abdul, Central Food Safety officer, Southern region, GOI, Ms. L Sowjanya, Formulation Manager, Heritage Foods Ltd., Dr.Lobeno Mozhui, Assistant Professor, Department of Zoology, Nagaland University and Dr. Meenatchi, Head, Department of Primary Processing, Storage and Handling, NIFTEM-T. This programme was well-coordinated by the Dean, Dr.A Raja Reddy and Dr. A Surendra Babu, HoD. The event witnessed a tremendous response from scholars across the country.

Training Programmes

The Department of Agricultural Engineering in Collaboration with Indian Institute of Remote Sensing (IIRS-ISRO) conducted the following one-week training programmes –

1. "Remote Sensing and GIS Applications in Agriculture" during July 25-29, 2022.

2. "Satellite Remote Sensing of Atmosphere" during July 11-15, 2022.

3. "Machine Learning to Deep Learning: A Journey for Remote Sensing Data Classification" during July 4-8, 2022.

Personality Development Programme

A motivational lecture on Personality Development and Managerial Skills as per the Vedic scriptures was delivered by Sri Shiromani Das from ISKON on July 23, 2022 for a harmonious life and to avoid the stress faced by the global students.

Field Visits

1. Agricultural students were taken to the Centre of Excellence, Sri Konda Lakshman Telangana State Horticulture University, Mulugu, Siddipet on July 27, 2022 to study and understand the mandate activities of the Centre to the farming community. The programme was coordinated by Dr. P Tanuja, Dr.B Anitha and Rasheeba Iqbal.

2. To gain knowledge and firsthand experience on flowers and vegetable production and on-going research, the students of Agriculture were taken to Agricultural Research Institute, Sri Konda Lakshman Telangana State Horticulture University, Rajendranagar on July 28, 2022. It was to see for themselves the high potential for technical and practical knowledge, upgradation regarding new agricultural and horticultural practices followed in growing flowers and vegetables. Dr. B Krishna, Dr. Ashok Kumar, Dr. E Satyanarayana and Mrs. P Bharati accompanied the students.

SCHOOL OF ALLIED HEALTH SCIENCES

Workshop on "Resetting the ANS"

A Pre-Conference workshop on "Resetting the ANS'' was organized during August 9 to 13, 2022. 30 participants from all over India attended the workshop. The important foreign delegates and Resource Persons were Mr.Tom Meyers, Osteopath D.O from Belgium, and Mr. Giuseppe Ragno Osteopath, D.O from Italy.

World Congress on Physical Therapy

The Department of Physiotherapy organized the first "World Congress on Physical Therapy" (WCPT) on August 13 and 14, 2022 at Malla Reddy University in collaboration with Physio Foundation of India. There were 20 eminent speakers from different countries of the World. Dr. B. Karunakar Reddy Vice Chancellor, KNR University, Warangal was the Chief Guest for the program. The event was well organized and attended by nearly 1700 delegates. The Chairman, Sri Ch. Malla Reddy, and VC, Prof.V S K Reddy, addressed the gathering.

World Physiotherapy Day

On Account of World Physiotherapy Day and the 70th Birthday of our Founder Chairman, Sri Ch. Malla Reddy, a Free Physical Fitness Evaluation Camp was organized by the Department of Physiotherapy on September 8, 2022 for all the employees of the University. On the same day, as a part of Nutrition Month, a Free Diet evaluation and Counselling Camp was conducted by the Department of Clinical Nutrition, Dietetics and Food Sciences.

SCHOOL OF MANAGEMENT AND COMMERCE

Orientation Day

School of Management and Commerce organized an Orientation programme on September 21, 2022 for the students of BBA & MBA. The Orientation Day introduced the students to the campus culture and nature of academics. Many experts guided the students as to how to succeed in their academic venture.

Ethnic Day

Ethnic Day was organized on September 21, 2022 for all the students and faculty. The celebrations included various events like dance, music, ramp walk, etc. All the students and faculty participated in the events enthusiastically and made it a grand success. All the events promoted a sense of Indian cultural and ethnic diversity.

IIC

The Ministry of Education (MoE) through MoE's Innovation cell (MIC) launched the Institution's Innovation Council (IIC) program in collaboration with AICTE for Higher Educational Institutions (HEIs) to systematically foster the culture of Innovation and start-up ecosystem in educational institutions. IIC's role is to engage a large number of the faculty, students and staff in various innovation and entrepreneurship related activities. The IIC was established at MRU in the meeting held on August 2022, under the guidance of VC Dr. V.S.K Reddy and Registrar Dr.M. Anjaneyulu. Dr. D. Pramod as President, Mr. P. Kiran Kumar as Vice President, and Dr. Sivakami as Convener are nominated as office bearers for organizing the IIC activities in the university. SOMC organized 75th Azadi Ka Amruth Mahotsav, Independent day celebrations on August 13, 2022. Awareness program on the struggle of Independence of our country by various leaders is organized through activities by faculty members and students.

RESEARCH AND DEVELOPMENT CELL

New Ph.D. Awardees

Dr. Kanaparthi Suresh Kumar
SOE, Data Science, Title: Content Based Image Retrieval by Integrating Effective Local and Global Features, NIT Warangal, Dec 2021.

Dr. N. Nirmalajyothi
Title: "Performance improvement of NIDS using SVM classifier on Cloud Environment", SOE, CSE, Acharya Nagarjuna University, August 2022.

PATENTS
Engineering

1. **Dr. B.V.V. Siva Prasad,** et.al., Title: A Novel Inclusive Educational Model for Children with Disability and Severe Disability. App Nor: 2022/07611. September 28,2022.
2. **Dr. Rajasekar Rangasamy, Dr. D. Thiyagarajan,** "A Method for Artificial Neural Network Based Photovoltaic Module Diagnosis by Current–Voltage Curve Classification". App No: 202241051797 A, September 16, 2022.
3. **Dr. Rajasekar Rangasamy, Dr. R.V.S.S.S. Nagini, J. Nashreen Begum,** "An Artificial Intelligence Based Bicycle For Baby Security". App No 202241045579 A, August 26, 2022
4. **Dr P Anitha, Mr Naga Mallik Atcha,** "Generating A Map of Potential Customers and Segregating It for Marketing the Product Using Classification and Regression Method". App No: 202241032691, JUNE 08, 2022
5. **M. Shara Lydia,** et al, "A Smart Device for Data Collection of Agriculture System", App No: 202241051651 A, September 16, 2022.

PUBLICATIONS

ICPRSL-2022

International Conference on Philosophical Research Science and Literature (ICPRSL-2022) on Sept 5-6, 2022 at Malla Reddy University, Hyderabad.

1. **D Pramod,** "Identity and Attributes of Humans in the Material World: The Goal of Human Life". pp-01
2. **M. Anjaneyulu,** "Creation of Universe: Modern Thoughts & Vedic Concepts". pp-12

3. **Srikanth Ganduri, Rama Krishna K,** "The Perfect Story-Teller in India". pp-164

4. **M. SAKSHI ANAND,** "ancient Vedic contribution to science and technology are we ignorant?". pp-177

5. **T Suneeti,** "Purpose of Life". pp-180

6. **Madan Mohan Laddunuri,** "Ecological Ethics of India: A Vedic Metaphysics Approach". pp-236

7. **Akhil Kumar Jha,** "Liberating Learner through Self-realization". pp-284

8. **Meera Indracanti,** "Knowledge on Biodiversity and our School Education System". pp-314

9. **Meera Indracanti,** "Environmental Ethics: A cross-sectional study". pp-324

10. **Bharathi,** "Health in The Vedic Age, The Ancient Indian Medical Practice & Scientific Reasons Behind Popular Hindu Traditions". pp-335

11. **D Pramod,** "Vedic Traditions and Scientific Applications". pp-352

12. **G Madhava Rao,** "Mathematics at the Time of Vedic Period- A Positive Review". pp-372

13. **C P Pavan Kumar Hota,** "A study on inheriting the old practice of learning the Vedas by the Science of Learning". pp-383

14. **J. Suresh,** "Philosophically in the 21st century?". pp-455

15. **M. Sakshi Anand, C. Mallikarjuna Reddy,** "Sushruta -A Review". pp-518

16. **K.Vijaya Sekhar Reddy,** "Human Value System in Artificial-Intelligence- Ethics" pp-524

17. **D Lakshmi Ramya,** "Bharatiya Tatwa: A Learning from Our Epics". pp-535

18. **Ms. Ida Fernandez,** "Eco-Feminism". pp-547

19. **P Venkateshwara Rao,** "Spirituality and Family Ethics". pp-552

20. **Ganapathi Vara Prasad Rao**, "Aryabhata-A Review" pp-554

Telugu Literature

21. **D Pramod,** "విశ్వమంతా కృష్ణుడు" pp-565

22. **Mr. P Srikanth,** "అమ్మ" pp-567

23. **Mr. P Srikanth,** "బండ" pp-568

24. **Prathyoosha Kolar,** "జీవిత పరమార్థం" pp-571

25. **I Srenath,** "గురు" pp-573

Engineering

1. **Rajasekar Rangasamy** et al., presented "Hybrid Power Generation Forecasting Using An Intellectual Evolutionary Energy-Preserve Rate Clustering Technique" in ICICSE–2022 Springer Book Series, September 16 - 17, 2022.

2. **Rajasekar Rangasamy** et al., presented "A Certain Investigation of MEMS for Optimized Sensor Coverage" in ICICSE–2022, Springer Book Series, September 16 - 17, 2022.

3. **Rajasekar Rangasamy** et al., presented "Classification of Cervical Cells Using Deep Learning Feature Extraction" in ICICSE–2022 Springer Book Series, September 16 - 17, 2022.

4. **Rajasekar Rangasamy** et al., presented "Medical Images Analysis for Segmentation and Classification Using DNN" in ICICSE–2022 Springer Book Series, September 16 - 17, 2022.

5. **Rajasekar Rangasamy** et al., presented "Design of Concurrent Engineering Systems for Global Product Development Using Artificial Intelligence" in ICICSE–2022 Springer Book Series, September 16 - 17, 2022.

6. **Rajasekar Rangasamy** et al., presented "Evaluation and Language Training of Multinational Enterprises Employees by Deep Learning in Cloud Manufacturing Resources" in ICICSE–2022 Springer Book Series, September 16 - 17, 2022.

7. **Rajasekar Rangasamy** et al., presented "Deep Convolutional Neural Networks-Based Market Strategy for Early-Stage Product Development" in ICICSE–2022 Springer Book Series, September 16 - 17, 2022.

8. **Rajasekar Rangaswami** et al., presented "Equipment Planning for an Automated Production Line Using a Cloud System" in ICICSE–2022 Springer Book Series, September 16 - 17, 2022.

9. **Rajasekar Rangaswami** et al., presented "Glioma Segmentation In MR Images Using 2D Double U-Net: An Empirical Investigations" in ICICSE–2022 Springer Book Series, September 16 - 17, 2022.

10. **Thayyaba Khatoon Mohammed** et al., "Power allocation model for residential homes using AI-based IoT" Measurement: Sensors, Elsevier, ISSN No. 2665-9174.

11. **Rajasekar Rangaswami** et al., "Fused medical image classification based on Neighboring pixel centered sparsity classification method with Artificial Bee Colony Optimization" NeuoQuantology, AnKa Publisher, ISSN No. 1303-5150.

12. **D. Thiyagarajan** et al., "Effective proactive routing protocol using smart nodes system" Measurement: Sensors, Elsevier, ISSN No. 2665-9174.

13. **A. Kiran Kumar** et al., "Algorithm for ionosphere delay computation based on Klobuchar-like coefficients for regional navigation satellite system users" Advances in Space Research, Elsevier, ISSN No. 0273-1177.

14. **A. Kiran Kumar** et al," Hardware architecture of a digital piecewise linear chaotic map with perturbation for pseudorandom number generation" AEU-International Journal of Electronics and Communications, Elsevier, ISSN No. 1434-8411.

15. **K Little Flower** et al.," Dynamic Voltage and Frequency Scaling (DVFS)Technique in cloud computing environment", TELEMATIQUE, Web of Science, ISSN No. 1856-4194

16. **K Little Flower, Veena Rani** et al., "A New Framework for Simulating and Modeling Cloud Computing Infrastructures and Services in Cloudsim", TELEMATIQUE, Web of Science, ISSN No. 1856-4194.

17. **S.V. Subramanyam , G. Appa Rao,** et al., "Cloud Computing and Data Storage", International Journal & Magazine of Engineering, Technology, Management and Research, ISSN No. 2348 – 4845.

18. **Lakshmi B.V.S, Sakshi Anand,** et al., presented "Influence of Murraya koenigii extract on Diabetes induced rat brain aging" in NSSTSD-2022 during September 02 - 03, 2022.

19. **Sri Vidhya V (BMB), Sai Divya K (BMB), Anshu G (BMB), Dr. D. Muni Kumar, E.Prem Kumar, Dr. C. Mallikarjun Reddy, Dr. Meera Indracanti,** et al., presented "Knowledge on Biodiversity - A cross-sectional study" in NSSTSD-2022 during September 02 - 03, 2022.

20. **Shriya KGS (BMB), Navya Yeruva (MBT), Sneha Priya K (BMB), Dr. D. Muni Kumar, Dr. C. Mallikarjuna Reddy, Dr. Meera Indracanti,** et al., presented "Assessment of Environmental knowledge and attitudes of Undergraduate students: A study on Environmental ethics" in NSSTSD-2022 during September 02 - 03, 2022.

21. **Kondaveeti Sivakrishna,** et al., "Support Vector Regression model to predict TEC for GNSS Signals, Acta Geophysica", October 11, 22.

22. **K. Varada Rajkumar,** et al., "Intelligent Forecasting of Air Quality and Pollution Predicting Using Machine Learning," Adsorption Science & Technology., vol. 2022, Doi: 10.1155/2022/5086622. (WOS + SCI, Q2)

Management

1. **Sanjeev Chepyala,** et.al, "Investor's Perception and Awareness on Mutual Fund Decision-Making: Post Covid-19" *Korea Review of International Studies.* Vol.15 Issue.38, ISSN 1226-4741.

Agricultural Sciences

1. **Surendra Babu Ayenampudi,** et al., "The potential health benefits and food applications of jamun (Syzygium cumini L.), an indigenous fruit of India", Nutrition & Food Science,16 September 2022 ISSN:0034-6659.

2. **P. Tanuja and B. Anitha,** "popular article on hydrogel technology", in Just Agriculture September 2022. Vol. 3 Issue-1, (e-ISSN: 2582-8223)

3. **Sasipriya,** et al., "Phentypic Plasticity in Morphological traits of Abelmoschus esculentus L.Induced by Histone Deacetylase Inhibitor", Trichostalin A.Agronomy, 2022 12(2247) https://doi.org/10.3390/agronomy12102247.

CONFERENCES ATTENDED
Allied Health Sciences

1. **Mr. Prem Kumar,** attended workshop on HLA and Transplant Immunology organized by Medical Services Trust, Bangalore, July 9, 2022.

2. **Ms. B. Tejovathi,** presented "Knowledge, attitude and practice on hand hygiene among the first year healthcare students of School of Allied Health Sciences, Malla Reddy University" in NSSTSD-2022, Dr. B.R. Ambedkar Open University, Hyderabad, September 2 - 3, 2022.

3. **Mrs. B. Premalatha,** presented "Social distancing attitudes, practices and vaccination status of Health care students: a post covid-19 University Community based study" in NSSTSD-2022, Dr.B.R.Ambedkar Open University, Hyderabad, September 2 - 3, 2022.

4. **Mrs. Shravani,** presented "Assessment of Quorum sensing virulence factors and its consanguinity with antibiotic susceptibility and resistance profile in clinical isolates of Pseudomonas aeruginosa" in MICROSUMMIT – 2022, Saveetha University, Chennai, October 5-6, 2022.

5. **Mrs. Shravani,** presented "Molecular Docking and Biological Software packages for Data Analysis", Sathyabama Institute of Science and Technology, Chennai October 13-15, 2022.

BOOK CHAPTERS
School of Allied Health Sciences

1. **S. Hari Priya, G.S.R. Kedari, M. Prasad Naidu, Human Gene,** "Higher serum Sirtuin1 levels and GA heterozygote of SIRT1 gene polymorphism rs10823108 serve as independent risk factor for diabetic nephropathy in women". Vol. 34, 2022. Elsevier.

2. **Meera Indracanti,** et al., "Prevalence of sharp injuries and associated factors among health care workers in North Gondar (Debark), West Gondar (Metema), and South Gondar (Addis Zemen) primary hospitals, Northwest Ethiopia". Indian Journal of Science and Technology, Volume 15 (39), 2022.

3. **Meera Indracanti, Tejovathi Bandike,** et al., "Serological and molecular detection of Toxoplasma gondii among pregnant women giving birth at the University of Gondar specialized hospital in Gondar town, Northwest Ethiopia". Indian Journal of Science and Technology. (Web of Science), October 2022.

4. **Muni Kumar Dokka,** "Plant Protease Inhibitors from Abelmoschus moschatus seeds: Characterization, Inhibitory and Kinetic studies". Book Chapter. September, 2022. Challenges and Advances in Pharmaceutical Research. B.P. International, London, U.K. ISBN- 978-93-5547-808-5. Vol. 8, 133-151.

5. **Meera Indracanti, Mahak, Sundarrajan, Amita Sharma, Gautam, Sankalp, Ashkhan, Nidheesh, Jayraman, Prashanth S.** Challenges in Eventing Horizontal Gene Transfer. Accepted as book chapter in Springer's Book "Microbial Genomic Islands in Adaptation and Pathogenicity". July 2022 (Nature Springer).

BOOKS

School of Engineering

CSE:

1. **Dr. B. V. V. Siva Prasad,** et.al., ML & DL Techniques to Develop IoT APPLICATIONS, Publisher: Scientific International Publishing House. ISBN: 978-93-5625-237-0.

2. **LAKSHMI T.K,** et al., Introduction to Machine Learning. ISBN: 978 – 93 – 5625 – 009 – 3.

3. **Dr. P S V Srinivasa Rao, Dr. E V Reddy, Dr. G Srinivasa Naveen Kumar,** Problem Solving Through C, Pearson Publications, 2022, ISBN 978-93-560-6615-1

School of Agricultural Sciences

4. **Mahesh Palakuru, Venkataratnam.Ukkurti, Surya Prakash Reddy, Vennela.B, Tejaswini (2022)** Introduction to Soil and Water Conservation Engineering, ISBN-978-93-92941-10-8

5. **Dhananjay Umrao, Dr. Subhalaxmi Chakraborty Shravani Amar,Dr. Sweta Singh (2022)** Block Chain Technology for Beginners. ISBN -978-93-95468-49-7

School of Agricultural Sciences

Invited Talk

Dr. A. Surendra Babu, presented talk on "Dynamics of Onion in improving the Nutritional Status and Health" September 28 , 2022, Kalasalingam University, Tamil Nadu. through virtual mode on the occasion of National Nutritional Week, 2022.

AWARDS

Dr. A. Surendra Babu, received II prize for the oral presentation on "Development and nutritional evaluation of functional cookies incorporated with onion waste" in the Interdisciplinary International Conference on Current Trends in Applied Sciences-2022 (IICCTAS-2022) at Loyola Academy Secunderabad , Sept 1-3, 2022.

IT Administrative Cell

This cell has been functional in the university since August 2020, under the supervision of Mr. K Rajnikanth, Network Administrator. The university has 3600 computers spread out in various departments. This cell is systematically managed by 15 staff members who provide immediate services whenever required by staff and students of various departments for the smooth functioning of the University.

SPORTS

Mr Rohit BBA II Year student participated in state level open kick boxing tournament under the category 80 Kg held on September 17-18 2022, and awarded gold medal.

Mr Durga Prasad BBA I year participated in Taekwondo India Cup open International Championship 54 kg weight held on May 31 - June 2, 2022 in Goa and received Bronze Medal.

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

Ph.D PROGRAMMES

M.Sc. Agriculture in
- GENETICS & PLANT BREEDING
- AGRONOMY
- ENTOMOLOGY
- PLANT PATHOLOGY
- AGRICULTURAL EXTENSION
- HORTICULTURE
- FOOD SCIENCE

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

MALLA REDDY UNIVERSITY

(Telangana State Private Universities Act No.13 of 2020 and UGC Recognized, Govt. of India.)

Maisammaguda, Kompally, Hyderabad - 500 100, Telangana State
Tel: 94971-94971, 91778-78365

www.mallareddyuniversity.ac.in