ANNUAL REPORT
2022 - 23

MOHAN BABU UNIVERSITY

Tirupati, Andhra Pradesh

[Established Under the Andhra Pradesh Private Universities (Establishment and Regulation) Act No.3 of 2016 & 40 of 2023]

CONTENTS

VISION

To be a globally respected institution with an innovative and entrepreneurial culture that offers transformative education to advance sustainability and societal good

MISSION

- ❖ Develop industry-focused professionals with a global perspective.

- ❖ Offer academic programs that provide transformative learning experience founded on the spirit of curiosity, innovation, and integrity.

- ❖ Create confluence of research, innovation, and ideation to bring about sustainable and socially relevant enterprises.

- ❖ Uphold high standards of professional ethics leading to harmonious relationship with environment and society.

CORE VALUES

- ✓ Commitment to continuous improvement and innovation in teaching, learning, research and extension.

- ✓ Pledge to honesty, integrity, mutual respect, transparency, and accountability.

- ✓ Respect to all aspects of diversity.

- ✓ Student-centric planning and development

- ✓ Stakeholder partnership for holistic institutional development and synergistic growth

ORGANIZATION

Governing Body

Name	Designation	Position in Governing Body	Address
Dr. M. Mohan Babu	Chancellor	Chairperson (Ex-Officio)	Manchu House, Sy.No. 194, Jalpally Village, Sarror Nagar, Ranga Reddy District, Telangana - 500035
Sri. Vishnu Manchu	Pro Chancellor	Member (Ex-Officio)	Manchu House, Sy.No. 194, Jalpally Village, Sarror Nagar, Ranga Reddy District, Telangana - 500035
Dr. Nagaraj Ramrao	Vice Chancellor	Member (Ex-Officio)	Mohan Babu University, Sree Sainath Nagar, Tirupati, Andhra Pradesh - 517 102
Dr. M. Maruthi Krishna	Board Member, SVET	Member	Flat No – 407, B Block, Nandhanam Apartment, Grand World Road, Tirupati, Andhra Pradesh - 517 507
Sri. Vinay Maheshwari	Executive Director (SVET)	Member	Mohan Babu UniversityEducational Trust, Sree Sainath Nagar, Tirupati, Andhra Pradesh - 517 102
Dr. K. Saradhi	Registrar	Member Secretary (Ex-Officio)	Mohan Babu Univeristy, Sree Sainath Nagar, Tirupati, Andhra Pradesh – 517 102

Board of Management

Name	Designation	Position in BoM	Address
Dr. Nagaraj Ramrao	Vice Chancellor	Chairperson (EX-Officio)	Mohan Babu Univeristy, Sree Sainath Nagar, Tirupati, Andhra Pradesh – 517 102
Sri. Vishnu Manchu	Pro Chancellor	Member (Ex-Officio)	Mohan Babu Univeristy, Sree Sainath Nagar, Tirupati, Andhra Pradesh – 517 102
Dr. B.M. Satish	Dean, School of Engineering & Computing	Member	Mohan Babu Univeristy, Sree Sainath Nagar, Tirupati, Andhra Pradesh – 517 102
Dr. K. Ramani	Program Head, Data Science	Member (Lady)	Mohan Babu Univeristy, Sree Sainath Nagar, Tirupati, Andhra Pradesh – 517 102

Smt. Vaijayanthi Srinivasaraghavan	Associate Partner Workforce Management at IBM	Member (Lady)	IBM Consulting Workforce Management, IBM Client Innovation Center, Bengaluru – India
Sri. S.S. Mukherji	Executive Vice Chairman EIH Limited (The OBEROI Group)	Member	EIH Associated Hotels Limited, No.4, Mangoe Lane, Kolkata - 700 001
Sri. Vinay Maheshwari	Executive Director (SVET)	Member	Mohan Babu University Educational Trust, Sree Sainath Nagar, Tirupati, Andhra Pradesh – 517 102
Prof. Sanghamitra Bandyopadhyay	Director, Indian Statistical Institute, Kolkata	Member (Lady)	Director, Indian Statistical Institute, 203 B. T. Road, Kolkata - 700 108, India
Smt. Anupama Reddy	Senior Manager, Field Delivery, HP Inc., Bengaluru	Member (Lady)	E403, Concorde Midway City, Basapura Main Raod, Electronic City, Bangalore - 560100
Smt. M.F. Febin	Head – College connect Business Larson & Toubro Limited – L & T Edu Tech, Chennai	Member (Lady)	Mount Poonalallee Raod, Manpakkam, Chennai – 600 089, Tamil nadu, India
Dr. K. Saradhi	Registrar	Member Secretary (Ex-Officio)	Mohan Babu Univeristy, Sree Sainath Nagar, Tirupati, Andhra Pradesh – 517 102

Academic Council

Name	Designation	Position in Academic Council	Address
Dr. Nagaraj Ramrao	Vice Chancellor	Chairperson (EX-Officio)	Mohan Babu University, Sree Sainath Nagar, Tirupati, Andhra Pradesh – 517 102
Sri. Vishnu Manchu	Pro Chancellor	Member (Ex-Officio)	Manchu House, Sy.No. 194, Jalpally Village, Sarror Nagar, Ranga Reddy District, Telangana - 500035
Dr. P. V. Ramana	Dean, Academic Affairs	Member (Ex-Officio)	Mohan Babu University, Sree Sainath Nagar, Tirupati, Andhra Pradesh – 517 102

Dr. B.M. Satish	Dean, School of Engineering & Computing	Member	Mohan Babu University, Sree Sainath Nagar, Tirupati, Andhra Pradesh – 517 102
Prof Ujjwal Maulik	Professor Department of Computer Science and Engineering	Member	Jadavpur University, Raja S.C. Mallick Road, Kolkata, West Bengal, India - 700032
Dr. Y V S Lakshmi	Head, C-BUDDHI, Group Leader IPR & KMG, C-DOT, Bengaluru	Member	C-DOT, Electronic City, Bengaluru - 560100
Dr. Gopalan Jagadeesh	Professor, Dept. of Aerospace Engineering, IISc, Bengaluru	Member	Department of Aerospace Engineering Indian Institute of Science Bangalore – 560 012, INDIA
Dr. Sharad Mhaiskar	Pro Vice Chancellor, NMIMS, Mumbai	Member	V. L. Mehta Road, Vile Parle, West, Mumbai, Maharashtra, India, - 400 056
Dr. Meena Dasan	Scientist – F, LRDE, DRDO, Bengaluru	Member	Scientist – F, Electronics and Radar Development Establishment(LRDE), DRDO, CV Raman Nagar, Bangalore – 560093
Dr. K. Saradhi	Controller of Examinations	Member	Mohan Babu University, Sree Sainath Nagar, Tirupati, Andhra Pradesh – 517 102
Dr. J. Avanija	Professor, Dept. of CSE	Member	Mohan Babu University, Sree Sainath Nagar, Tirupati, Andhra Pradesh – 517 102
Dr. N. Manikandan	Professor, Dept. of ME	Member	Mohan Babu University, Sree Sainath Nagar, Tirupati, Andhra Pradesh – 517 102
Dr. D. Suresh Babu	Associate Professor, Dept. of EEE	Member	Mohan Babu University, Sree Sainath Nagar, Tirupati, Andhra Pradesh – 517 102
Dr. V. Jyothsna	Associate Professor, Dept. of DS	Member	Mohan Babu University, Sree Sainath Nagar, Tirupati, Andhra Pradesh – 517 102
Dr. Hemadri Prasad Raju	Associate Professor, Dept. of CE	Member	Mohan Babu University, Sree Sainath Nagar, Tirupati, Andhra Pradesh – 517 102
Mrs. M. Bharathi	Assistant Professor, Dept. of ECE	Member	Mohan Babu University, Sree Sainath Nagar, Tirupati, Andhra Pradesh – 517 102
Dr. K. Leleedhar Rao	Associate Professor, Dept. of EEE	Member	Mohan Babu University, Sree Sainath Nagar, Tirupati, Andhra Pradesh – 517 102
Dr. H.D. Praveena	Assistant Professor, Dept. of ECE	Member	Mohan Babu University, Sree Sainath Nagar, Tirupati, Andhra Pradesh – 517 102
Dr. K. Saradhi	Registrar	Member Secretary (Ex-Officio)	Mohan Babu University, Sree Sainath Nagar, Tirupati, Andhra Pradesh – 517 102

Planning and Monitoring Board

Name	Designation	Position in Board	Address
Dr. Nagaraj Ramrao	Vice-Chancellor	Chairperson (EX-Officio)	Mohan Babu University, Sree Sainath Nagar, Tirupati, Andhra Pradesh – 517 102
Sri. Vinay Maheshwari	Executive Director (SVET)	Member	Mohan Babu University, Sree Sainath Nagar, Tirupati, Andhra Pradesh – 517 102
Dr. K. Ramani	Program Head, Data Science	Member	Mohan Babu University, Sree Sainath Nagar, Tirupati, Andhra Pradesh – 517 102
Dr. B.M. Satish	Dean, School of Engineering & Computing	Member	Mohan Babu University, Sree Sainath Nagar, Tirupati, Andhra Pradesh – 517 102
Dr. T. Nageswara Prasad	Dean, Planning and Monitoring Board	Member Secretary (Ex-Officio)	Mohan Babu Univeristy, Sree Sainath Nagar, Tirupati, Andhra Pradesh – 517 102

Finance Committee

Name	Designation	Position in FC	Address
Dr. M. Mohan Babu	Chancellor	Chairperson	Manchu House, Sy.No. 194, Jalpally Village, Sarror Nagar, Ranga Reddy District, Telangana – 500035
Sri. Vishnu Manchu	Pro-Chancellor	Member	Manchu House, Sy.No. 194, Jalpally Village, Sarror Nagar, Ranga Reddy District, Telangana – 500035
Dr. Nagaraj Ramrao	Vice-Chancellor	Member	Mohan Babu University, Sree Sainath Nagar, Tirupati, Andhra Pradesh – 517 102
Dr. K. Sarathi	Registrar	Member	Mohan Babu University, Sree Sainath Nagar, Tirupati, Andhra Pradesh – 517 102
Sri. Vinay Maheshwari	Executive Director (SVET)	Member	Mohan Babu University, Sree Sainath Nagar, Tirupati, Andhra Pradesh – 517 102

Dr. M. Maruthi Krishna	Board Member, SVET	Member	Flat No – 407, B Block, Nandhanam Apartment, Grand World Road, Tirupati, Andhra Pradesh – 517 507
Sri M. Rajagopal Naidu	Chartered Accountant M/s Rajagopal Naidu & Co, Tirupati.	Member	23-10-80, 6th Cross, Roal Nagar, R.C.Road, Tirupati – 517 501
Sri Amrish Gupta	Chartered Accountant M/s. Kumar Mittal & Co, Delhi.	Member	13,(Basement),Community Centre, East of Kailas, New Delhi-110065
Sri B. Ravi Sekhar	Director/Chief Finance & Accounts Officer, Mohan Babu University (Ex-officio).	Member Secretary	Mohan Babu Univeristy, Sree Sainath Nagar, Tirupati – 517 102

University Research Board

Name	Designation	Position in R&I	Address
Dr. M. Mohan Babu	Chancellor	Permanent Invitee	Manchu House, Sy.No. 194, Jalpally Village, Sarror Nagar, Ranga Reddy District, Telangana - 500035
Sri. Vishnu Manchu	The Pro-Chancellor	Permanent Invitee	Manchu House, Sy.No. 194, Jalpally Village, Sarror Nagar, Ranga Reddy District, Telangana - 500035
Dr. Nagaraj Ramrao	Vice-Chancellor	Chairperson	Mohan Babu University, Sree Sainath Nagar, Tirupati, Andhra Pradesh – 517 102
Dr. B.M. Satish	Dean, School of Engineering & Computing	Member	Mohan Babu University, Sree Sainath Nagar, Tirupati, Andhra Pradesh – 517 102
Dr. B. Vishnu Vardhan Naidu	Assoc. Professor, Dept. ME, SOE	Member	Mohan Babu University, Sree Sainath Nagar, Tirupati, Andhra Pradesh – 517 102
Dr. N. Padmaja	Dy. Dean-Innovations & Patents & Professor, Dept. ECE, SOE	Member (Lady)	Mohan Babu University, Sree Sainath Nagar, Tirupati, Andhra Pradesh – 517 102
Mrs. C. Shilpa	Professor, IT, SOC	Member	Mohan Babu University, Sree Sainath Nagar, Tirupati, Andhra Pradesh – 517 102
Dr. V Ananth Natrajan	Professor, AI&ML, SOC	Member	Mohan Babu Univeristy, Sree Sainath Nagar, Tirupati, Andhra Pradesh – 517 102

Board of Examination

Name	Designation	Position in B & E	Address
Dr. Nagaraj Ramrao	Vice-Chancellor	Chairperson	Mohan Babu University, Sree Sainath Nagar, Tirupati, Andhra Pradesh – 517 102
Dr. B.M. Satish	Dean, School of Engineering & Computing	Member	Mohan Babu University, Sree Sainath Nagar, Tirupati, Andhra Pradesh – 517 102
Dr. K. Sarathi	Controller of Examinations	Member Secretary	Mohan Babu University, Sree Sainath Nagar, Tirupati, Andhra Pradesh – 517 102

ACADEMICS

Academic Regulations and Curriculum

Mohan Babu University (MBU) implements 'Fully Flexible Choice Based Credit System' (FFCBCS) with a Course Basket Approach; the first of its kind which is an innovative academic framework implemented in higher education institutions, designed to empower students to embark on their educational journey according to their own interests and career aspirations.

The FFCBCS is a student-centric approach that offers a wide array of choices and opportunities in higher education. It emphasises specialisation, interdisciplinary learning, practical experience, innovation, and flexibility, aligning with the changing landscape of education and the goals set by the National Education Policy 2020.

MBU follows MBU22 Academic Regulations where each program curriculum contains a list of courses grouped under various baskets, viz. School Core, Program Core, Program Elective, Specialisation Elective, Interdisciplinary Minor, and University Elective which allows students to exercise their option of choosing from a wide variety of courses.
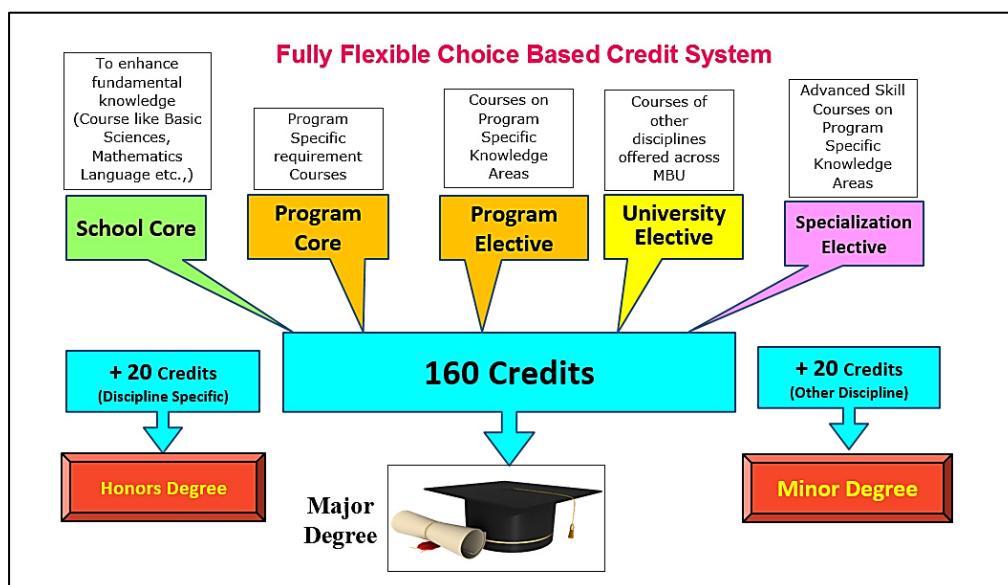

Fig.: FFCBCS with Course Basket Approach

This system offers students the flexibility to choose Specialisations, Minors, and Honours degree during their graduation studies, encouraging them to delve deep into areas of personal interest and also promoting interdisciplinary learning, fostering a holistic understanding of complex topics by integrating insights from multiple academic disciplines.

The curriculum has courses designed in collaboration with industry partners integrated into the Program of study to impart industry-specific coding and employability skills with the future students' competencies in mind. The curricular and non-curricular strategies followed at MBU make students workforce ready for the future which includes workforce for employment, research, entrepreneurship, and social work

The departments prepared the curriculum for the programs offered and the same was presented to the Board of Studies (BOS) and got approved. The recommendations of BOS were presented to the Academic Council (AC) and were approved. Subsequently, the recommendations of AC are presented to the Board of Management (BOM) and Governing Body (GB) and get final approval and ratification.

Teaching Learning Practices

The faculty members engage in adopting the latest tools and technologies in line with the revolution in education. The following are the models being practiced by the faculty based on the nature of the course:

- ❖ Flipped Classroom Model
- ❖ Design Thinking
- ❖ Think-Pair-Share
- ❖ Debate session
- ❖ Technology/Cultural and Community Immersion

In addition, the entire faculty are well versed in the online mode of delivery of special lectures and assessments through Learning Management Systems. With the digital tools and resources, faculty create engaging and interactive lessons that cater to various learning styles. This includes using Learning Management Systems (LMS) and online platforms to organise materials, multimedia content to enhance understanding, and interactive elements like quizzes and discussion boards to foster active participation. Virtual Reality (VR) and Augmented Reality (AR) can make abstract concepts tangible, while collaborative tools and gamification add an element of fun and teamwork to the learning process.

Additional Learning Avenues

Apart from classroom instructions, the students are provided with the following additional avenues of learning-

- ✓ Mandatory internship and Capstone Projects for UG/PG students to develop critical thinking skills and problem-solving abilities.
- ✓ Experiential Learning is mandatory for every course except for courses like internship and project work.
- ✓ Seminars to improve the knowledge and understanding of a concept/topic with challenges.
- ✓ Co-curricular and extra-curricular assignments, hobbies clubs / cultural hubs to develop inter-personal, intra-personal, and other skills.
- ✓ Hands-on training, group activities, and workshops allow the students to learn by doing things and solving problems by themselves.
- ✓ Field training and field visits to acquire real-time exposures.
- ✓ Video synthesis, case studies, market surveys, online and offline certifications to analyse the situation and provide appropriate solutions for the problems.
- ✓ Project Based Learning to promote the development of critical thinking skills and problem-solving abilities.
- ✓ Model development, mini-projects, and projects to acquire practical experience and learn new skills.
- ✓ Semester Abroad Programs allow students to explore new academic opportunities, new cultures, and gain a global perspective.
- ✓ MOOCs offered through standard platforms provide affordable and flexible ways to learn new skills with new educational experiences where learners study courses at their own pace to support lifelong learning and professional development. It also helps learners to connect with other learners from around the world, fostering collaboration and networking.

SCHOOLS

SCHOOL OF ENGINEERING

The School of Engineering of MBU, formerly known as Sree Vidyanikethan Engineering College was established in the year 1996 and has grown in stature over the years. From an initial intake of 180 to 2262 students at present, it serves to the cause of technical education. The school now offers five B.Tech, four M.Tech, and five Research Programs.

School of Engineering is known for its quality initiatives which are reflected in its accreditation by NBA, NAAC A+ Grade. It is accorded with the NIRF 165 ranking, 'PLATINUM' category by CII-AICTE Survey. The School of Engineering is also awarded an "Excellent Band" in the Atal Ranking of Institutions on Innovation Achievements (ARIIA) by the Ministry of Education (MoE), Government of India, and an 'A' Grade by the Department of Higher Education, Andhra Pradesh. Along with these it has tie-ups with many multinational organisations such as TCS and IBM.

The four departments under the School of Engineering namely; the Department of Electronics and Communication Engineering, Department of Electrical and Electronics Engineering, Department of Mechanical Engineering, and the Department of Civil Engineering, offer UG and PG programs namely - B.Tech and M.Tech courses. They are the core engineering branches which provide conventional but proven methodologies for the holistic development of the student.

VISION

To be the sought-after destination for engineering education recognised for excellence, innovation and the societal relevance and impact of its pursuits.

MISSION

❖ Instil within our students fundamental engineering knowledge, a broad set of skills, and an inquisitive attitude to create innovative solutions to serve industry and community.

❖ Provide an experience par excellence with our state-of-the-art research, innovation, and incubation ecosystem to realise our learners' fullest potential.

❖ Impart continued education and research support to working professionals in engineering fields to enhance their domain expertise in the cutting-edge technologies.

❖ Inculcate among the engineers of tomorrow with a spirit to solve societal challenges.

Program Details

Programs	Sanctioned Intake	No. of Semesters & Program Duration	Credits
B. Tech.- Civil Engineering	90	8 Semesters (4 Years)	160
B. Tech.- Electrical and Electronics Engineering	120		
B. Tech.- Electronics and Communication Engineering	240		
B. Tech.- Electronics and Instrumentation Engineering	60		
B. Tech.- Mechanical Engineering	90		
M. Tech.- Machine Design	12	4 Semesters (2 Years)	70
M. Tech.- VLSI and Embedded System Design	12		
Ph.D. - Electronics and Communication Engineering	-	-	-
Ph.D. - Electrical and Electronics Engineering	-		
Ph.D. - Mechanical Engineering	-		
Ph.D. - Civil Engineering	-		

Teaching and Learning Activities

The faculty is actively incorporating the latest educational tools and technologies to enhance learning experiences. They utilize diverse models such as the Flipped Classroom, Design Thinking, Think-Pair-Share, Innovative Industry Institute Interface, and Technology/Cultural and Community Immersion. Proficient in online delivery via Learning Management Systems, they create engaging and interactive lessons tailored to various learning styles. This includes organizing materials on LMS, using multimedia for better understanding, and fostering participation through quizzes and discussion boards. Advanced tools like Virtual Reality (VR) and Augmented Reality (AR) help make abstract concepts tangible, while collaborative tools and gamification introduce fun and teamwork into the learning process.

NEP Implementation

SoE has embraced NEP 2020 and implemented the same across all the departments by effecting curriculum reform, inculcating experiential and project based learning, adopting innovative teaching methods, taking up collaborative research work across departments, introducing skill development and inclusive practices, making MOOCs courses mandatory to enable self-learning so that the students can graduate to be industry-ready and tackle challenges of the modern world.

The School of Computing of MBU is committed to research and innovation. It undertakes projects funded by various agencies including DST, INUP, ISRO RESPOND, and UGC. The curriculum at MB School of Computing is designed to meet local, national, regional, and global developmental needs. It emphasizes Program Outcomes (POs), Program Specific Outcomes (PSOs), and Course Outcomes (COs) benchmarked to national and international standards. The institution offers academic flexibility and operational freedom to enhance student learning experience, employability, and entrepreneurship. The curriculum is aligned with guidelines from American Professional Societies, ABET, AICTE, and UGC, incorporating a Fully Choice Based Credit System, Major Degree, Minor/Honours Degree Concept, Program Core, Professional Electives, Interdisciplinary Electives, Open Electives, MOOC Courses, value-added/skill-based courses, and Internships.

The School of Computing has state-of-the-art infrastructure and highly experienced faculty members who uphold excellent teaching standards and foster discipline among students. Faculty continuously update their knowledge through interactions with national and international experts via Workshops, Seminars, Conferences, and Congress get-togethers. In addition to academic pursuits, the institute encourages students to engage in extra-curricular and co-curricular activities for holistic development. The School of Engineering actively facilitates industry internships and campus placements through collaborations with IT giants and core companies, supported by MoUs signed with various foreign and National Universities, Multinational Companies, and Industries.

VISION

To lead the advancement of computer science research and education that has real-world impact and to push the frontiers of innovation in the field.

MISSION

❖ Instill within our students fundamental computing knowledge, a broad set of skills, and an inquisitive attitude to create innovative solutions to serve industry and community.

❖ Provide an experience par excellence with our state-of-the-art research, innovation, and incubation ecosystem to realise our learners' fullest potential.

❖ Impart continued education and research support to working professionals in the computing domain to enhance their expertise in the cutting-edge technologies.

❖ Inculcate among the computing engineers of tomorrow with a spirit to solve societal challenges.

Program Details

Programs	Sanctioned Intake	No. of Semesters & Program Duration	Credits
B. Tech.- Computer Science and Engineering (Artificial Intelligence and Machine Learning)	780	8 Semesters (4 Years)	160
B. Tech.- Computer Science and Engineering (Cyber Security)	120		
B. Tech.- Computer Science and Engineering (Data Science)	360		
B. Tech.- Computer Science and Engineering	1290		
B.Tech.- Information Technology	90		
Bachelor of Computer Applications	420	6 Semesters (3 Years)	120
Bachelor of Computer Applications with Specialization in AR &VR			
Master of Computer Applications	300	4 Semesters (2 Years)	90
Master of Computer Applications with Specialization in Full Stack Development	300		
Ph.D. - Computer Science and Engineering	-	-	-
Ph.D. - Computer Science	-	-	-

Teaching and Learning Activities

The School of Computing harmoniously integrates industrial expectations with regular curriculum. In this regard, integration of digital platforms like A2I (Academia to Industry) by Talentio Corporation with laboratory curriculum is successfully implemented for the first batch. The students are monitored thoroughly by the faculty trained for this purpose. They are guided at every step until they meet the demands of the designed curriculum.

Students are required to take up MOOC Courses on various platforms like Coursera. Upto 40% of the curriculum in every semester and the credits are integrated along with the Academic credits of the regular courses. Here again, students are continuously monitored by the faculty till the completion of all requirements.

Students need to take up interdisciplinary research projects across the various departments and work out problems which have societal relevance. Working on interdisciplinary projects provides exposure to the students on basic techniques relevant across other branches of engineering.

Students are encouraged to take up Internships in reputed Institutions such as IITs, NITs, DRDO Organisations, ISRO, Research Labs of National Importance, both online and offline, and get exposed to more sophisticated machines and tools, both hardware and software, and acquire skill-sets relevant for the immediate future and empower them for successful placements or inculcate interest for higher studies and research.

Students are provided with opportunities to undertake Global Skilling Certifications and Internships offered by globally relevant companies like AWS, Salesforce, and SAP.Project Based Learning is introduced enabling students to tackle real-world problems by designing, developing, and presenting solutions through software or hardware projects.Flipped Classroom activities are taken up to enable students to undergo interactive discussions.Peer Learning concepts are encouraged as students are made to work through group assignments fostering collaboration, communication, and problem-solving skill-sets.

The School of Computing offers a wide variety of programs which deal with the concepts and subjects related to new age technologies. The programs introduced offer tools to enhance efficiency, scalability, and manageability of new technology workflow and enable students to build, train, deploy, and monitor models more effectively. New Learning Management Systems (LMS) platforms like Moodle, Canvas, and Google Classrooms; Coding Platforms like GitHub, GitLab for collaborative coding and version control; Virtual labs to provide online hands-on experience in a virtual environment are all introduced to the students to enhance their learning experiences. Also, specialized tools like Autokeras, TPOT (Tree-based Pipeline Optimization Tool, Optuna were introduced in the specialized streams of AIML.

Experiments / Models Introduced

The field of Engineering and Technology requires varieties of means of learning for effective dissipation of knowledge amongst the students. There cannot be a single way of doing things and it requires specialized channels for effective grasping of knowledge by the students. In this regard, students are encouraged to take up Micro-credentials wherein students take up online / offline courses and acquire badges or certificates for mastering specific skills or completing short time courses. Courses like Cloud Computing Projects using platforms like AWS, Azure, Google Cloud for various computational and storage needs. AIML has introduced special notable models like DALL-E, an Open AI source, capable of generating images from textual descriptions, T5 (Text-To-Text Transfer Transformer, Google), wherein there is a model which treats every NLP problem as a text-to-text problem, simplifying the task-specific architecture design.

New Courses Introduced

The School of Computing believes in making the students deployable to companies/ industries or research organizations wherein the students should have acquired skill sets on working with latest technologies. To enable this, along with the regular core/ elective subjects, industry relevant curriculum is incorporated in new courses namely Advanced Python Programming through IBM. Also, courses like Introduction to AIML, Machine Learning Applications using Python, Statistics for Engineers, and Python for Data Analysis were introduced this year for the benefit of the students.

Also, the BCA with specialization of ARVR has introduced new subjects related to Virtual Reality, Graphics, Animation Tools, User Interface Design, Animation Design, 3D Computer Animation, Advanced Computer Graphics, and core BCA has also introduced new subjects like Decision Support Systems, Game Theory, Cloud Practitioner, PHP, and MySQL Programming, User Experience / Interface (UX/UI) Design.

NEP Implementation

- ✓ The various departments / programs under School of Computing has embraced the core ideologies of NEP 2020 by inculcating multidisciplinary and interdisciplinary courses in curriculum.

- ✓ Offering credited MOOC courses for its students up to 40% of the total credits nurturing the students towards self-learning, a very important initiative of NEP 2020.

- ✓ Internships for students before they complete their courses.

- ✓ Experiential learning and project based learning as a part of course in their regular curriculum which will be accounted for their credits for the course.

- ✓ Use of technology to leverage A2I labs for practice problem solving.

- ✓ Flexible learning options for students by enabling them to choose from a wider range of electives, both within and outside their core curriculum.

- ✓ Continuous assessment has been introduced to replace heavy reliance on final examination.

School of Liberal Arts and Sciences is committed to deliver a comprehensive education in liberal arts and sciences, covering a diverse range of fields such as humanities, sciences, and mathematics. Faculty members are devoted to teaching and conducting research in various areas, including Synthetic Organic Chemistry, Natural Product Synthesis, Environmental Chemistry, Biochemistry, Biotechnology, Bioinformatics, Microbiology, Material Science, Atmosphere Physics, Algebra, and Fluid Dynamics. Their mentorship and guidance empower students to explore their intellectual curiosity and realize their full potential.

The school is equipped with state-of-the-art laboratories featuring the latest technology and resources. These advanced facilities act as incubators for exploration and experimentation, enabling both students and faculty to engage in cutting-edge research and hands-on learning experiences.

VISION

To be the ideal culmination for the edification of liberal arts and sciences recognized for excellence, innovation, entrepreneurship, environment and social consciousness.

MISSION

❖ Infuse the essential knowledge of liberal arts and sciences, skills and an inquisitive attitude to conceive creative and appropriate solutions to serve industry and community.

❖ Proffer a know-how par excellence with the state-of-the-art research, innovation, and incubation ecosystem to realise the learners' fullest entrepreneurial potential.

❖ Endow continued education and research support to working professionals in liberal arts and sciences to augment their domain expertise in the latest technologies.

❖ Entice the true spirit of environment and societal consciousness in citizens of tomorrow in solving challenges in liberal arts and sciences.

Program Details

Programs	Sanctioned Intake	No. of Semesters & Program Duration	Credits
B.Sc.- Bioinformatics	30	6 Semesters (3 Years)	120
B.Sc. - Biotechnology	30		
B.Sc. - Microbiology	30		
B.Sc. - Computer Science	30		
B.Sc.- Bioinformatics	30		
M.Sc. - Biotechnology	15	4 Semesters (2 Years)	90
M.Sc. - Organic Chemistry	15		
M.Sc. - Computer Science	15		
Ph.D. - Physics, Chemistry, English		-	-
Ph.D. - Mathematics			
Ph.D. - Biotechnology			

Teaching and Learning Activities

In the school of Liberal Arts and Sciences, active learning is a cornerstone practice that engages students directly in the learning process through activities such as problem-solving, group discussions, and hands-on experiments. This method promotes critical thinking and deeper understanding by encouraging students to apply concepts in real-time, thus enhancing their grasp of complex principles.

We emphasize interdisciplinary projects that integrate concepts from both biology and chemistry, allowing students to explore the intersections and applications of these fields. These projects foster collaborative skills and enable students to tackle real-world problems, preparing them for diverse scientific careers and research opportunities.

Integrating research into the curriculum is a key practice, providing students with opportunities to participate in cutting-edge research projects alongside faculty mentors. This hands-on experience not only enhances learning but also equips students with practical skills and a deeper understanding of the scientific process, fostering a strong foundation for future research careers.

NEP Implementation

The School of Liberal Arts and Sciences is newly started in the year 2022 and the B.Sc. and M.Sc. programs are designed following the Choice Based Credit System syllabus in line with NEP.

SCHOOL OF COMMERCE AND MANAGEMENT

The School of Commerce and Management strives to build itself as an institution of quality management education, research, executive training development, and consultancy. In a very short period, the school has built an excellent faculty pool of experience, a rich intellectual capital base, state-of-the-art infrastructure, and technology–savvy campus commitment towards quality. The emphasis has been to prepare business leaders for society and develop sound academia-industry collaboration.

The School of Commerce and Management stands as an inspiration for academic excellence, cultivating future leaders in the dynamic world of business. It is committed to fostering a holistic understanding of commerce, it offers a diverse curriculum covering finance, marketing, and entrepreneurship. Students benefit from state-of-the-art facilities and expert faculty who blend theory with real-world applications. The school emphasizes critical thinking, problem-solving, and ethical decision-making; preparing graduates to navigate the complexities of the global business landscape. Through internships, industry partnerships, and interactive learning, it ensures students are equipped with the skills and knowledge needed for success in the ever-evolving field of commerce and management.

VISION

To be the preferred choice for commerce and management education recognised for excellence, innovation, entrepreneurship and societal consciousness.

MISSION

- ❖ To Impart relevant knowledge of commerce and management, a broad set of skills, and an inquisitive attitude to provide appropriate and distinctive solutions to serve industry and community.

- ❖ Offer an experience par excellence with our state-of-the-art research, innovation, and incubation ecosystem to realise our learners' fullest entrepreneurial potential

- ❖ Provide continued education and research support to working professionals in the field of commerce and management to augment their domain expertise in the cutting-edge technologies used for business developments

- ❖ Inculcate the true spirit of societal consciousness in managers of tomorrow in solving challenges in commerce and management.

Program Details

Programs	Sanctioned Intake	No. of Semesters & Program Duration	Credits
B.Com. (Computer Applications)	60	6 Semesters (3 Years)	120
BBA	60		
MBA	120	4 Semester (2 Years)	102

Teaching and Learning Activities

School of Commerce and Management has adopted some of the effective teaching and learning practices that are unique. For instance, student centric discussion; Student-centric discussion is a teaching strategy that allows students to understand more about topics or concepts via collaboration and cooperation.

Collaborative learning is a teaching strategy that focuses on encouraging teamwork and partnership. It involves bringing together students with various skills in groups for solving a problem or completing a task. Different minds generate various perspectives and viewpoints that help students understand the concepts better and more effectively.

NEP Implementation

In order to promote creativity, the School of Commerce and Management and faculty have the autonomy to innovate on matters of curriculum, pedagogy and assessment. Choice based credit system has been introduced. All classrooms have access to the latest educational technology.

SCHOOL OF PARAMEDICAL, ALLIED AND HEALTH CARE SCIENCES

The School of Paramedical, Allied, and Health Care Sciences focuses on training professionals in various medical and healthcare-related disciplines and prepare students for roles in allied health professions, para-medicine, and various healthcare support services. Programs within a School of Paramedical Allied and Health Care Sciences may include fields such as medical laboratory technology, physiotherapy, respiratory therapy, radiology, emergency medical services, and more. These programs aim to equip students with the necessary skills and knowledge to support medical practitioners, diagnose and treat patients, and contribute to the overall healthcare system. Students in these programs often receive hands-on training, clinical posting and trainings, and practical experiences to ensure they are well-prepared for the challenges of their respective healthcare professions

VISION

To be the global center of excellence for paramedical and allied health science education, research, innovation, incubation, consultancy, and public service.

MISSION

❖ Inspire the experts of paramedical and allied health sciences of tomorrow to take on the public health challenges of our society.

❖ Train the students with fundamental knowledge of paramedical and allied health sciences, skills set, and positive attitude for creating innovative solutions to serve industry and community through congenial learning environment with contemporary academic programs, state of the art infrastructure facilities, and community health programs.

❖ Facilitate budding paramedical and allied health science experts with the best research-innovation-incubation-start-up ecosystem to realize their fullest potential for sustainable businesses.

❖ Encourage faculty and staff to excel in their respective domains of expertise and demonstrate the best of their abilities by way of continuing education, research support, and consultancy.

Program Details

Programs	Sanctioned Intake	No. of Semesters & Program Duration	Credits
B.Sc. - Anaesthesia and Operation Theatre Technology	60	8 Semesters (4 Years)	216
B.Sc. - Cardio Vascular Technology	60		209
B.Sc. - Dialysis Technology	60		191
B.Sc. - Emergency Medicine and Critical Care Technology	60		212
B.Sc. - Respiratory Therapy	60		192
B.Sc. - Medical Lab Technology	60	8 Semesters (4 Years)	209
B.Sc. - Optometry	60		181
B.Sc. -Radiology and Imaging Technology	60		204
B.P.T. - Bachelor of Physiotherapy	60	9 Semesters (4 Years & 6 Months)	216
M.P.T. - Masters of Physiotherapy - Neurology	15	4 Semester (2 Years)	100
M.P.T. - Masters of Physiotherapy - Cardio Pulmonary	15		
M.P.T. - Masters of Physiotherapy - Sports	15		
M.P.T. - Masters of Physiotherapy - Orthopedics	15		

Teaching and Learning Activities

Teaching Clinical Aspects: It provides a bridge between theoretical knowledge and real-world application, helping students understand how to apply what they have learned in textbooks to actual clinical scenarios.

Paramedical professionals often work alongside doctors, nurses, and other healthcare providers. Understanding clinical aspects fosters effective communication and collaboration which is essential for comprehensive patient care.

Live patient care at hospital setup: Clinical training equips paramedical students with practical skills necessary for patient care, including performing procedures, using medical equipment, and managing emergencies. This ensures high standard of patient care and safety. Clinical education helps develop critical thinking and decision-making skills. Paramedical students learn to assess situations, prioritize tasks, and make informed decisions quickly, which is vital in emergency and routine care settings.

Understanding clinical aspects ensure that paramedical students are well-versed in the standards, protocols, and guidelines that govern medical practice, leading to safer and more standardized patient care. Proper

clinical training ensures that paramedical professionals can contribute effectively to the healthcare team, thus enhancing the overall quality of healthcare delivery and ensuring patient satisfaction.

Medical camps in and around university: These camps enable early detection and diagnosis of diseases, which is crucial for effective treatment and prevention of complications. Regular screenings can help identify health issues before they become severe. Medical camps offer a platform for health education, raising awareness about hygiene, nutrition, family planning, and preventive measures for common diseases. Educating communities empowers them to take proactive steps in maintaining their health. These camps foster a sense of community by bringing together healthcare professionals and local residents. This interaction builds trust and encourages communities to engage more with health services.

SCHOOL OF AGRICULTURE

School of Agriculture, Mohan Babu University aims at bringing in new paradigms of multidisciplinary, interdisciplinary, and holistic learning of various sciences and technologies in the fields of agriculture and allied sectors like Horticulture, Agribusiness Management, Animal Husbandry, Food Science and Technology, Food and Nutrition, Soil and Water Engineering, Protected Agriculture, Sustainable and Organic Farming, and others.

It aims to create its niche by bringing together industry and service sector pertaining to agriculture/farming with the curriculum and knowledge-sharing platforms. It thus, nurture the students in the best interest of the industry and enhance the skills and employability of the students.

One of the strategic objectives of School of Agriculture, Mohan Babu University is to create a network of students, researchers, professionals, entrepreneurs, and institutions on the same platform for knowledge sharing and interactions which would enable the students strategic thinking, managerial skills, ability to become entrepreneurs, and play leadership roles.

VISION

To be a globally reputed institution producing agricultural graduates with high knowledge, skills, employability, and competence by imparting focused, practical, and technical education through innovative and analytical approaches with a core objective of creating desirable manpower for agriculture and all allied agri-related sectors while contributing to the rural society and the nation.

MISSION

❖ To provide the best possible infrastructure and facilities for innovative teaching and learning of agricultural and all allied subjects like horticulture, agricultural engineering, food science and technology, animal husbandry, and others.

- ❖ To create an interface with internationally reputed research and education institutions for benefiting students with knowledge-sharing and work opportunities.

- ❖ To establish a centre of excellence and innovation incubator for creating industry interfaces and partnerships for enhancing the technical competencies of students as per the needs of the industry.

- ❖ To empower students with the latest agricultural and horticultural techniques and skills for promoting employability as well as encouraging developing agripreneurs.

- ❖ Inculcating basic human values and work ethics in the process of making good samaritans for the society and nation.

Program Details

Programs	Sanctioned Intake	No. of Semesters & Program Duration	Credits
B.Sc. (Hons.) Agriculture	60	8 Semesters (4 Years)	187

Teaching and Learning Activities

- ✓ Teaching and learning activities are carefully crafted to provide students with a comprehensive and dynamic educational experience.

- ✓ The school employs a range of best practices in teaching the students such as:

- ✓ Interactive Lectures: Our lectures are designed to engage students actively through discussions, case studies, and multimedia presentations.

- ✓ Field Visits: Regular field visits to farms, agricultural research centers, and related industries provide students with practical exposure to agricultural practices.

- ✓ Hands-on Training: Practical sessions and laboratory works allow students to apply theoretical knowledge and fostering a deeper understanding of agricultural concepts.

  Guest Lectures: We invite industry experts and researchers to deliver guest lectures, providing students with insights into the latest developments and trends in agriculture.

NEP Implementation

The School of Agriculture, established in the year 2022 has four-year 'B.Sc. (Hons) Agriculture' program which is meticulously designed following the Indian Council of Agricultural Research (ICAR) curriculum as per fifth deans committee report

CAMPUS
&
INFRASTRUCTURE

CAMPUS

The Mohan Babu University campus which blends modern architecture with lush, vibrant greenery, creating an ideal environment for both academic pursuits and relaxation, spans over 85 acres of land with a 9,52,844 sq. ft built-up area. The campus is spacious, with wide, tree-lined walkways and grassy open spaces. The infrastructure is sleek and well-planned, with a mix of contemporary buildings and facilities. The architecture is complemented by sustainable design, such as solar panels on rooftops and rainwater harvesting systems. Lecture halls are spacious, equipped with state-of-the-art technology, and designed for comfort, with large windows offering views of the surrounding greenery. The library is a modern marvel, a multi-story building with ample natural light, and quiet study areas where students can unwind. There are several outdoor seating areas—benches and tables nestled under trees, that encourage students to socialize or study in a peaceful, natural environment. Sports facilities, like open-air basketball courts, a well-maintained track, and large playing fields, are scattered throughout the campus, promoting an active lifestyle. Overall, the campus exudes a harmonious balance of cutting-edge infrastructure and tranquil green spaces, making it an inspiring place for learning, socializing, and personal growth.

LOCATION

MBU campus is located 15 kilometres from Tirupati city, a popular Hindu pilgrimage site, home to the renowned Tirumala Sri Venkateswara Temple, and is famous for its rich religious and cultural legacy. Tirupati is not only a famous temple city but also a rapidly growing metropolis. Particularly noteworthy are the establishment of electronic manufacturing clusters (EMC) and a full ecosystem of universities, including IIT, IISER, etc. The institution is situated beside the Tirupati-Madanapalle National Highway (NH71) and is well-connected to the broader region via public transport systems. It is about 19 kilometres from Tirupati bus stand 15 kilometres from Tirupati railway station and 32.9 kilometres from Tirupati Airport, Tirupati district.

The university campus is comprised of four main sections, each serving a specific purpose to create a comprehensive environment for students, faculty, and staff. The academic block is the largest section, covering an impressive 6,49,075 sq. ft. This area is dedicated to lecture halls, laboratories, and faculty rooms, all designed to foster a dynamic and engaging learning atmosphere. Next, the administration block, spanning 21,054 sq. ft, houses the university's administrative offices and key support functions. For student accommodation and residential life, the hostel building occupies 2,34,007 sq. ft. This section provides living spaces for students, complete with amenities designed to offer comfort and convenience. Finally, the other amenities cover 48,696 sq. ft, which includes facilities such as cafeterias, medical centres, and other student services. Together, these sections create a balanced, functional, and vibrant campus environment, where every square meter is thoughtfully utilized to enhance the overall student experience.

IT

The institution has a robust and comprehensive IT infrastructure in place to support its various academic and administrative functions. At the core of this infrastructure are the student and staff computers, which number 1,963 and 219 respectively, equipped with a range of processors from the i3 to the i7 series. These devices provide the necessary computing power for students and staff to engage in their daily tasks, from research and content creation to data analysis and communication.

The IT infrastructure also includes 25 powerful servers, sourced from reputable brands like IBM, Dell, and Lenovo, which serve as the backbone for data storage, processing, and management. To ensure efficient document handling and printing, the institution has invested in 155 printers and all-in-one devices, strategically placed across the campus.

Enhancing the learning experience, the institution has installed 107 projectors and 5 state-of-the-art smart boards, enabling interactive and engaging presentations and discussions. The robust cybersecurity measures in place include the deployment of Kaspersky Endpoint Security 11.0 as well as a comprehensive Microsoft Campus Agreement, providing access to a wide range of operating systems, databases, and applications.

The institution's commitment to technology is further demonstrated by its investment in 50 licensed software packages, catering to the diverse needs of its various departments. Ensuring seamless connectivity, the institution boasts a high-speed, dual-redundant internet infrastructure, with two 1 Gbps leased lines from Airtel and Vodafone, providing a total bandwidth of 2 Gbps. To safeguard this critical network, the institution has implemented a Sophos XGS 5500 firewall, complemented by 380 Ruckus access points and 218 Cisco switches.

For data storage and management, the institution has equipped itself with a state-of-the-art storage solution, comprising a 48TB NAS box and a 9.6TB SAN box. To enhance security and attendance monitoring, the institution has deployed 15 staff biometric devices and 60 Aadhaar-based biometric devices for students. The

institution has invested in 10 online UPS systems to provide reliable and uninterrupted power to its critical IT infrastructure.

CCTV Survillance

The University has installed around 657 CCTV cameras throughout the campus, including hostels, classrooms, labs, and other strategic locations. This surveillance network plays a crucial role in enhancing campus security, allowing for real-time monitoring and ensuring the safety of students, faculty, and staff. The cameras contribute to a safer environment by deterring potential security risks and assisting in the quick resolution of any incidents.

AUDITORIUMS & SEMINAR HALLS

The University has a top-notch range of facilities for conducting a variety of student-centric activities to support their academic, extra-curricular and cultural pursuits. The institution is equipped with 3 seminar halls and 2 auditoriums, with a fully air-conditioned and professionally deployed acoustic system, each having varying seating capacities, designed to support inter-departmental activities, national and international conferences, workshops, and seminars. These versatile spaces facilitate collaboration, learning, and the hosting of various academic and professional events across different departments.

Auditorium

Seminar Halls

HOSTELS

Accommodation

The university provides accommodation, tailored to suit different preferences and budgets. Rooms range from a shared accommodations with 2 beds to 8 beds, promoting interaction among residents. Rooms are equipped with essentials such as comfortable beds, study tables, chairs, personalized wardrobes, and proper lighting to create a conducive environment for relaxation and work. Hygiene is prioritized through regular cleaning services. In most cases, rooms come with attached bathrooms.

V-Hostel

Hostel Rooms

Dining Facilities

As food is a vital part of hostel life, all hostels operate on a centralised & automated (Smart Kitchen) mess to provide freshly prepared meals. These meals are designed to be nutritious and cater to a variety of dietary preferences, ensuring residents maintain a balanced diet. Besides the standard three meals—breakfast, lunch, and dinner—all the hostels also offer evening snacks and beverages giving residents access to food round-the-clock.

Security and Safety

Ensuring the safety of residents is one of the highest priorities. Modern hostels are equipped with 24/7 security measures, including trained guards and CCTV surveillance systems that monitor key areas. Entry is often restricted through biometric systems, access cards, or visitor logs to prevent unauthorized access within hostel premises. Emergency protocols, such as the availability of fire extinguishers, ambulances and first-aid kits, are in place to handle any unexpected situations swiftly and efficiently.

Recreation and Social Interaction

Hostels recognize the importance of recreation for a balanced lifestyle. We provide common areas furnished with modern amenities to encourage relaxation and social interaction among residents. Outdoor sports grounds are available and sporting events are conducted on regular basis. Study areas & libraries are equipped ensure that students or professionals can focus on academic and career-related tasks in a quiet, distraction-free environment.

Connectivity and Technology

With the increasing reliance on technology, hostels ensure residents stay connected through high-speed internet services available in rooms and common areas. Some hostels go a step further by providing computer stations, printing facilities, or tech-enabled study zones. These resources are particularly useful for students and working professionals who need uninterrupted access to digital tools.

Healthcare

To address health concerns, all hostels have first-aid kits, on campus clinic, access to on-call doctors & ambulances for emergencies.

GUEST HOUSE

The Institute has a guest house within the campus. The guest house is a two storeyed building and has 8 flats. All flats are fully furnished and equipped with 24/7 power supply with UPS back-up and high-speed internet connectivity. Student's parents, newly appointed faculty members, institution's guests, and visitors are usually accommodated here.

TRANSPORTATION FACILITY

MBU recognizes the importance of providing convenient transportation for day scholar students, especially those coming from Tirupati and surrounding areas. To facilitate easy and reliable access to the campus, the university operates a fleet of buses that cover various routes within the city and its neighbouring locations. This transport service ensures that students can commute to and from the university with ease, offering them a hassle-free travel experience. By offering such facilities, MBU supports the accessibility and convenience of students, making it easier for them to focus on their studies and campus life.

SPORTS FACILITY

The Mohan Babu University facility offers a wide variety of outdoor and indoor sports options. For outdoor sports, there is athletics track and field, a football court, a cricket field, and several courts for badminton, with four available for women and six for men, all equipped with floodlights. Additionally, there are basketball courts, handball court, and a hockey field. For traditional sports, the venue includes two women's kabaddi courts and two men's kabaddi courts, as well as two tennis courts (clay with floodlights). Volleyball enthusiasts can enjoy nine floodlit volleyball courts, and there are also courts for kho kho and throwball, both with floodlights. Other outdoor facilities include a skating rink, a swimming pool, three cricket practice nets, and a 5-a-side football court.

Indoors, the venue boasts two women's and two men's table tennis courts, a gymnasium, and two multi-gyms dedicated to men's fitness. There is also a fully air-conditioned gym available for use and also mulit purpose indoor (50mts *28mts). The comprehensive selection of facilities caters to a wide range of sports and fitness activities, accommodating both team and individual sports.

Following are the details of facilities

OUTDOOR SPORTS	
400 Mts AthleticsTrack and field	1
Football court	1
Cricket field	1
Badminton (Women) with Floodlight)	4
Badminton (Men) with Floodlight	6
Basketball Court with Floodlit	2
Handball Courts with Floodlit	1
Hockey Field	1
Kabaddi court (women)	2
Kabaddi court (men)	2
Tennis (Clay Court with Floodlit)	2
Volleyball court with Floodlit	9
Kho kho court with Floodlit	1
Throwball Court with Floodlit	2
Skating	1
swimming Pool 25m *12.5m	1
Cricket Practice Net	3
Football (5- a- side)	1
INDOOR SPORTS	
Table Tennis Women	2
Table Tennis Men	2
Gymnasium	2
Multi Gym (Men)	2
A/C Gym	1
Multi purpose indoor(50mts *28mts)	1

Glimpse of Sports Facilities

Ground with Track

Badminton Court

Basket Ball Court

Table Tennis

GYM

Swimming Pool

Cafeteria

MBU offers a well-maintained and hygienic cafeteria, 'Pop's Café', which serves a variety of delicious multi-cuisine food, along with soft drinks, hot beverages, snacks, and ice creams for both students and employees. The cafeteria is spacious, with comfortable seating arrangements, and can accommodate over 400 students at a time, making it an ideal spot for socializing and relaxing between classes. Additionally, the university provides a separate, fully furnished, air-conditioned dining hall exclusively for its employees, ensuring that all members of the university community have access to quality dining options in a comfortable setting.

BANK

MBU is equipped with a Union Bank of India branch on campus, with an ATM facility, ensuring that students, staff, and faculty members have easy access to banking services. This on-campus bank provides a convenient solution for handling financial transactions, from withdrawing cash to managing accounts, without the need to leave the campus. The availability of such facilities enhances the overall convenience for the university community, allowing them to focus on their academic and professional activities without worrying about banking logistics.

LABORATORIES

MBU has made significant investments in creating high-quality laboratory facilities that foster both teaching and research. The focus on providing state-of-the-art equipment and a safe, environmentally friendly environment is crucial for enhancing students' practical skills. These labs not only allow students to apply theoretical knowledge but also encourage the development of critical thinking, problem-solving, and

decision-making abilities—skills that are essential in both academia and the professional world. The emphasis on safety and sustainability further ensures that the students can experiment confidently while also respecting environmental concerns.

Research Labs	

IDEA LAB

AICTE- IDEA lab is established on the campus with a funding of Rs 1.13 Crores from AICTE, Host institute and Industry. IDEA (Idea Development Evaluation and Application) Lab is a regional facility that is available 24X7, equipped with all the cutting-edge facilities, tools, and consumables that support design, developing, and building an idea into a prototype.

AICTE selected only 49 institutions after scrutinizing eligibility criteria by evaluating several key performance indices of the institutions across the country to establish AICTE- IDEA lab on the Campus. As a common facility on the campus, the IDEA lab is to encourage students for application of Science and Technology and Engineering towards enhanced hands-on experience, learning by doing, and product visualization. The IDEA lab will make Engineering students more imaginative and creative besides getting basic training in 21st century skills like critical thinking, problem-solving, design thinking, collaboration, communication, lifelong learning, and others.

IDEA Lab provides basic and advanced training and assists the students in acquiring skills like critical and deep thinking, communication, collaboration, etc., and encourages students for application of Science and Technology and Engineering for enhanced learning through hands-on experience. IDEA Lab built-up area is 3564 Sq. Ft. with an exclusive Lab space of 1800 Sq. Ft. (60x30), Workshop/ Workstation of 1064 Sq. Ft. (38x28) and a meeting/conference room of 700 Sq Ft.

IDEA lab regularly organizes various FDPs, workshops, training, ideation sessions, boot camps, competitions, internships with industry, professional skilling programs, and awareness workshops for the faculty and students.

IDEA Lab is equipped with the latest equipment and softwares such as laser cutter, 3D printer (Pratham 5.0), 3D scanner, CNC router, PCB milling machine, reflow oven and microwave oven, sublimation machine and Printer, snap maker (3 in 1), digital storage oscilloscope, signal generators and mixed scope oscillators, and high configuration workstation with the necessary software.

CENTRAL LIBRARY

The Central Library proudly possesses a magnanimous collection of various textbooks, E-books, E-journals from paramount publications across many genres and subjects, along with video lectures. The library also has high-quality reprographics and print facilities. The Digital Library is equipped with sixty high configuration computers.

The library stands tall and sleek with modern design spanning three floors, well connected by stairs as well as elevator. The ground floor of the library has circulation section, office of the librarian, journals section, individual reading cabins, photocopier section, stack area – I and library OPAC. The first floor has reference

section, reading hall, discussion rooms and stack area – II. The second floor holds digital library, reading hall, discussion room and stack area.

 Students have access to a huge range of high-quality digital resources, such as e-books, e-journals, databases, and newspapers. The e-library and digital content that students can freely access are DELNET and NDL. For scholarly resources and publication, students have access to e-ShodhSindhu, IEEE, and other resources. With a collection of 185522 volumes, the library continues to grow through annual acquisitions and renewals of e-resources.

V-HUB INNOVATION CENTRE

V Hub Innovation Centre (V Hub) initiated by Vishnu Manchu, Pro-Chancellor of Mohan Babu University (MBU), is a prominent innovation hub and start-up ecosystem enabler located in Tirupati, India. The centre's mission is to foster innovation, facilitate start-up growth, and provide a supportive ecosystem for entrepreneurs to thrive. The vision is to create an ecosystem that nurtures thriving, innovative start-ups capable of solving critical societal problems while catalyzing their growth journey.

V Hub offers a comprehensive array of facilities and resources designed to empower and nurture incubates within its ecosystem. These facilities include extensive mentor network where students have the opportunity to learn from over forty experiences mentors. Strategic investor connections plays a pivotal role in bridging the gap between promising start-ups and potential investors. Ecosystem enablers feature helps in collaborating with enterprises, government organizations, academic institutions, and industry leaders. Microsoft, AWS Startups, Zoho, Vakil Search, Razorpay, and DiTech are among the company's key partners. The ultra-modern infrastructure provides a conducive atmosphere for incubates to develop and enhance their ideas.

Programs and Initiatives

V Hub offers a wide array of tailor-made programs designed to cater to various stages and needs of start-ups. These included Start-up incubation program which is a comprehensive support system for early-stage start-ups to develop and refine their business ideas. To connect students with experienced mentors and founders from the startup industry, mentor and founder talks are organized enabling them to receive guidance, advice, and valuable insights to navigate their own entrepreneurial endeavors. Bed-Breakfast-Start-up is another unique program that provides start-ups with an immersive environment for ideation and growth.

Achievements

V Hub successfully incubated startup ideas such as the Wholesome Eten, Winga, Workruit, Seven Robotics, Lokal farm, and Workaroo.

Future Outlook

Looking ahead, V Hub remains committed to its mission of nurturing innovation and fostering a thriving start-up ecosystem. The centre aims to expand its reach, enhance its programs, and continue forming strategic collaborations to amplify its impact on start-ups and the broader community.

NATIONAL SERVICE SCHEME (NSS)

At Mohan Babu University, the National Service Scheme (NSS) organizes a variety of activities aimed at community development and student engagement. These activities include Blood Donation Camps, Cleanliness Drives, Health Awareness Programs, Environmental Conservation, Social Welfare Programs, and Celebration of National Days. The outreach activities are performed in three different modes which are - off-campus events, in-campus events, and Hybrid Mode activities. During the academic year 2022-2023, the NSS unit performed 28 different activities at the institute level with 3387 students in and out of campus and in adopted villages. Our institute has adopted Six villages near us which are: Pullaiahgaripalli, Pandurangavaripalli, Kotala, B. Kongaravaripalli, Chinnaramapuram, and Kondreddi Kandriga. Activities are designed to address the specific needs of these adopted villages and contribute to their overall development, while also providing students with valuable learning experiences and a sense of social responsibility. The awareness campaign on 'The Aadhar Enabled Payment System' (AEPS) was conducted at Rami Reddy Palli to make the villagers known about modern means of transaction. A scheme under the Government of India digital transaction campaign was conducted at adopted villages to create awareness against fraudulent digital transactions and cyber threats. The event was carried out to provide the people with safeguard tips in overcoming the cybercrimes through demonstrated. An awareness program on plastic-free environment was conducted at Kuchivaripalli and Pandurangavaripalli. A one-day guest lecture session with experts on 'International Year of Millets' was conducted for students and faculty members to share knowledge about a unique opportunity to increase global production, ensure efficient processing and consumption, promote better utilization of crop rotations, and encourage better connectivity throughout food systems to promote millets as a key component of the food basket. Around 28 similar activities in AY 2022-23 with bulk student volunteer groups of around 3387 plus members were conducted in collaboration with local authorities and organizations, and there was continuous monitoring and evaluation to ensure their effectiveness and sustainability.

Social clubs, Community outreach and Funding for community/Social outreach programmes

Name of activity/camp	On/Off campus	Date	Duration of the activity	No. of students Participated
World No Tobacco Day	Off-campus	27-07-2022	6 Hrs	150
Breast Cancer Awareness Campaign	Off-campus	19-10-2022	6 Hrs	200
Health Camp-2022	Off-campus	22-04-2022	6 Hrs	101
A Report on Restart a Heart A CPR Training Program	Off-campus	23-02-2023	6 Hrs	150
Republic Day-2023	Off-campus	26-01-2023	6 Hrs	80
Shramadhan	Off-campus	27-02-2023 & 01-03-2023	12 Hrs	146
Aadhar Enabled Payment system (AEPS)-Awareness Campaign	Off-campus	11-03-2023	6 Hrs	120
Awareness on Weed Management in Agriculture	Off-campus	18-11-2022	6 Hrs	120
Awareness on the role of IOT in Agriculture	Off-campus	21-11-2022	6 Hrs	120
Plastic waste Free campus	Hybrid	26-11-2022	6 Hrs	120
Awareness on Personal Hygiene	Off-campus	03-12-2022	6 Hrs	120
Eco system-Tree Plantation and water Conservation	Off-campus	24-12-2022	6 Hrs	100
Fraudulent Digital Transactions Campaign	Off-campus	06-01-2023	6 Hrs	80
Road Safety and Traffic rules awareness campaign	Off-campus	07-01-2023	6 Hrs	100
Awareness program on Electrical Energy Conservation	Off-campus	17-12-2022	6 Hrs	140
Awareness Program on World Aids Day	Off-campus	01-12-2022	6 Hrs	130
Awareness program on "Nutrition"	Off-campus	24-12-2022	6 Hrs	70
Awareness Program on Electrical Safety	Off-campus	31-12-2022	6 Hrs	120

Dengue Awareness Campaign	Off-campus	24-12-2022	6 Hrs	55
Aadhar PAN linking Campaign	Off-campus	13-04-2023	6 Hrs	72
Blood Donation Camp	On-campus	03-19-2023	6Hrs	350
Awareness program on diseases through environmental pollution	Off-campus	01.06.23	6Hrs	70
Digital Literacy for Dwakra Mahila Snagam-SHG's	Off-campus	02.06.23	6Hrs	80
Awareness program on smart farming	Off-campus	27.05.23	6Hrs	126
Plastic free awareness campaign	Off-campus	26.05.23	6Hrs	80
International Yoga Day 2022	Hybrid	21.06.2023	6Hrs	150
Kisan diwas 2022	Hybrid	23-12-2022	6Hrs	80
awareness on digital payments and cyber crime	Off-campus	12-03-2022	6Hrs	47
Awareness program on Anti-deprivation for girl child	Off-campus	16-12-2022	6Hrs	30
Campaign to raise awareness of digital literacy	Off-campus	20-05.2023	6Hrs	80

World No Tobacco Day

NSS unit of Mohan Babu University Engineering College, Tirupati in collaboration with SVICCAR, Tirupati organized a rally to create awareness that 'No Tobacco' leads to a happy life of human lives.

Breast Cancer Awareness Program

The awareness Program on Breast cancer was conducted in collaboration with Sri Venkateswara Institute of Cancer Care and Advanced Research Centre (SVICCAR)

Health Awareness Program

'Health Awareness Session' was conducted in Collaboration with (DRFHE), Dr. Reddy's Foundation for Health Education, Hyderabad. Dr. Satish Billa, Paediatrician, Kamakshi Hospital, Tirupati has delivered an awareness session on health and immunity for a group of 35 faculty and staff of MBU.

What next explore yourself

'What next explore yourself 'awareness program conducted at ZP High School Kotala: Faculty and Students of Mohan Babu University - Engineering College of Mohan Babu University Interacted with High school students at Kotala and presented various career opportunities after High school

Blood Donation Camp-2023 at MBU

Blood Donation Camp-2023 organized at Mohan Babu University, Tirupati

Nutrition and its importance

The volunteers clearly explained to the students the importance of washing hands before and after eating and they demonstrated the procedure of how to wash hands. They also explained about the importance of keeping the surroundings clean for a healthy life.

Dengue Awareness Campaign

Dengue awareness activity was conducted at Ramireddy palli. The Residents of village precipitated in good number and necessary precautions are given to prevent the disease.

Visit to old age Home

Interaction with old age home people and contribution of essential goods for them near Narasingapuram on May 31st, 2023.

Awareness program on linking Aadhar with PAN card

An awareness program was conducted on linking Aadhar with a PAN card at Kuchivaripalli village on April 13th, 2023.

Visit to School: Demonstration on Mathematic tricks

Faculty and students taught some easy mathematical tricks to the students.

Independence Day Celebrations

Independence Day Celebrations at Naravari Palli High school, Kotala

NSS Foundation Day Celebrations

Faculty coordinators and NSS student volunteers celebrated the NSS foundation Day.

NATIONAL CADET CORPS (NCC)

The NCC Unit of Mohan Babu University has a strength of 26 cadets for the AY 2022-23. The NCC unit organized events like "NCC Day" and "A Seminar on G20". Due to the COVID Pandemic there were no camps held (Orders from the NCC Headquarters), Apart from this MBU's NCC Unit has organized a total 250 Practice parade hours and 63 hours of theory classes during the academic year 2022-23. Coming to the achievements of our cadets only 3 cadets have passed 'C' certificate examination descriptions are as follows:

Description	Number
Events	2
NCC Day	1
Seminar on "G20"	1
Practice Drill	250
Theory Classes	63
In-house class hours	18
PI Staff Class hours	45

Enrolment Details:

Description	Cadets		Total
	SD	SW	
Continued (2021-22) (a)	10	4	12
Enrolled (b)	16	4	20
Withdrawn (c)	6	0	6
Total after withdrawn (a+b-c)	18	8	26

	In view of Certification exams like 'B" and 'C' at the 2nd and 3rd years of graduation every NCC cadets has to undergo both parade sessions and theory classes as well. In the above image Major Birender Singh Saab taking classes to our cadets at NCC Nagar, Tirupati.
	Cadets getting trained at the NCC Nagar in view of their physical test program at certification exams.
	Cadets of MBU with the Air wing cadets of SVIS for the practice sessions at NCC Nagar, Tirupati.
	JUO Abhay of Mohan Babu University leading the troop as a commander of NCC cadets from both Army and Navy wing at a practice session held at NCC Nagar, Tirupati.
	Commanding Officer Maj. Manish Asthana Saab, 29th Bt. With the cadets of MBU and ANO Lt. B Nagaraju during their visit to University.
	An event "Seminar on G20" held on 10th May, 2023 at MBU only for the NCC cadets.

CAREER DEVELOPMENT CENTRE (CDC)

Career Development Centre (CDC) plays a crucial role in fostering a strong connection between academic institutions and the corporate world. By managing students' placements and Internships, the CDC serves as a bridge that facilitates the transition from academic learning to practical application in the professional sphere.

The CDC is involved in preparing students for their careers which involve tailoring educational programs to meet current industry needs, ensuring that students are equipped with the skills and knowledge relevant to the job market. CDC focuses on cultivating a diverse skill set that goes beyond academic knowledge by providing necessary resources, workshops, and guidance on resume building, interview skills, and other aspects of professional development.

At MBU the Career Development Centre (CDC) has a strong track record of attracting a diverse range of reputable companies for campus placements, which is a testament to the effectiveness of the CDC's efforts.

Training Modules Coverage

- I-Year -Communication Skills

- II-Year Training on Problem-Solving Skills (Programming)

- Regular Practice and Periodical Assessment

- III-Year - Campus Recruitment Training (Aptitude, Reasoning, Verbal ability)

- Regular Practice and Periodical Assessment

- On-demand Industry Certifications – SAP, Salesforce, AWS, ServiceNow, PEGA etc.,

- IV-Year Project-Based Learning - Java Programming

Training Programs

Name of Training program	Target Students	Month & Year
Technical Skills Training – Problem-solving on Data Structures and Algorithms through Python.	III B. Tech – 2024 Batch (All Branches)	December, 2022 – January, 2023
Technical Training on Java Full Stack/ Python Full Stack Development	2025 Batch (II B.Tech.- All Branches)	May 2023
Campus Recruitment Training (CRT)	2024 Batch (III B.Tech. – II Sem- All Branches)	May 2023

Internship at Industries

The Institute allows students to take up Internship positions in Industries for three to six months, without affecting academic activities. Undergraduate and Master's students may take up these Internships during the months of summer (May to July) or in the final semester.

During the academic year 2022-23, over thousand students took up internship in fifteen reputed national and international companies. Some of the top companies were Google Cloud, Blue Prism Intelligent Automation, Juniper Networking Cloud, Cisco, and others

Industry Interaction Events

Career Development Centre organizes special events to facilitate interactions between students and Industries through seminars, guest lectures, and workshops by inviting senior experts (mostly Delivery Heads or Chief Technology Officers) from big companies like Google, Amazon, Microsoft, Adobe, TCS, etc.

In addition, our top alumni who are currently in leadership and senior roles are requested to mentor these students by spending a couple of hours on weekends until the hiring process is complete. This will help the centre to audit and strengthen the program and modify it as per market needs.

Top Gun program

The TOP GUN program is the brain-child of Vishnu Manchu, Pro-Chancellor of Mohan Babu University, designed to identify and develop top performing students in B.Tech. This program aims to elevate participants on the career ladder by carefully assessing them in their pre-final year and providing rigorous training aimed at honing their skills and preparing them for the demands of the industry.

The program includes training in technical skills that are currently in demand in the industry. The hands-on experience of solving real-life problems in Project Based Learning environment allows the students to apply theoretical knowledge in a practical context, fostering a deeper understanding of the subject matter.

The involvement of top alumni currently in leadership and senior roles adds a valuable layer to the program, enhancing its effectiveness and relevance.

Companies hiring exclusive Top Gun Batch students:

Google, Amazon, Wells Fargo, Cisco, DarwinBox, Morgan Stanley, Samsung R&D, Boeing, UxReactor, Microsoft, BNY Mellon, Salesforce, ServiceNow, UxReactor, Adobe, WestPharma, and others.

Certifications

The Career Development Center of Mohan Babu University offers a diverse and valuable set of certifications that cover a wide range of technological skills in the areas of Computer Science and Core Engineering which are aligned with industry's needs. This alignment enhances the employability of students, as they are equipped with the latest and in-demand knowledge.

At Mohan Babu University students are encouraged to do certifications through AWS, CISCO, SAP, Salesforce, ServiceNow, Google Cloud, Microsoft, Juniper, Palo Alto, Catia, Solidworks, BIM, Revit, Microchip, VLSI Design, and others.

Coding Platforms:

Companies hiring CSE graduate students are now moving towards innovative hiring mechanisms through Hackathons and Coding Challenges. Some companies actively look at the candidate's LeetCode, HackerRank, HackerEarth, GitHub, and CodeChefprofiles to assess their problem-solving abilities.

The Academics to Industry-based training curriculum designed by the Career Development Centre at MBU helps the students practice and solve real-world problems in a widely recognized coding platform like LeetCode, HackerEarth, HackerRank, GitHub, and CodeChef. This practical experience help students in staying updated on the latest technologies and trends, contributing to their adaptability in a rapidly changing tech landscape.

Notable achievements by students are identified through the ranking on the leaderboards in the coding platforms which in turn attracts the attention of a potential employer seeking top talent.

Top Placements

CDC has engaged with 100+ companies on campus for placements. Google offers the highest salary of 60 lakhs per year, Amazon offers 44 lakhs per year, and Yugabyte offers 40 lakhs per year which indicates that students have access to high-profile job opportunities through CDC.

CDC has successfully attracted companies from various industries, this diversity suggests that the centre is effective in catering to the interests and skills of a wide range of students.

Branch wise Placement Statistics

B.Tech								MCA	MBA	PHARMACY	Other Degree Programs	Total
CSE	CSSE	ECE	EEE	EIE	IT	CE	ME					
433	120	286	229	31	157	102	146	79	119	97	42	1841

Company wise List:

S. No.	Name of the company	No of the students selected	CTC offered (in Lakhs)
1	Cognizant	257	4
2	Epam	22	12
3	IBM System Labs	2	11
4	IBM India Development Center	3	7.25
5	Indium	23	6
6	Infosys through INFYTQ Certification	101	3.65

7	Infosys - InfyTQ&HackWithInfy	19	9.5
8	Keka	13	6.8
9	Snovasys	26	2.4
10	Zoho	8	07 .00
11	Hyundai Mobis	20	5.5
12	Cisco	3	24.73
13	Tejas Networks	1	10
14	Accenture	200	6.5
15	DeltaX	2	7
16	Darwinbox	1	16.3
17	Efftronics	5	5.3
18	Soti	6	7.5
19	Mindtree	250	5
20	Amazon	1	44
21	Keka-Technovert	7	8
22	Virtusa	6	6.5
23	Unschool	22	6.5
24	Snovasys	7	5
25	Pentagon Space	10	3
26	Tech Mahindra	48	3.25
27	Acmegrade	69	6
28	HashedIn	6	8.1
29	Fanuc India	5	4
30	Intellipaat	11	5
31	IBM India	8	4.2
32	MEIL	194	4
33	Tata Consultancy Services Ltd. (TCSL)	52	7
34	Anora Instrumentation Pvt. Ltd. (AIPL)	6	4.5
35	Hexaware Technologies	10	6
36	AG&P Pratham	17	6
37	Fincare SFB	5	3.6
38	Aakash BYJU'S	2	7.25
39	Morgan Stanley	1	29.48

40	Riktam Technologies	4	5.5
41	LTI Mindtree	6	6.5
42	HSBC	1	9
43	KVB	17	3
44	JSW	11	6.5
45	Medi Assist TPA	28	2.8
46	Edred India	15	2.5
47	Qspiders	22	4.8
48	BambooBox	1	6
49	Teachnook	1	6
50	Immensphere	2	3.5
51	ThoughtClan Tech	2	6
52	ICICI Bank	20	3.83
53	ICICI Prulife	10	2.3
54	Accolite	1	8
56	Exafluence	4	4.5
57	ZenecksInfotech	49	3.5
58	Genesys	1	8
59	Deloitte	21	4.5
60	Hetero	22	2.4
61	FACEPrep	16	3.06
62	Berger Paints	1	4.5
63	NO Broker	1	5.19
64	Larsen & Toubro	3	6
65	WIPRO (WILP)	3	2.6
66	Global Icons Education Park	4	2.4
67	Hyundai Motor India Engg	3	5
68	INFOR India	3	6
69	Indian Healthcare BPO	45	2.4
70	BYJUS	1	5
71	YHILLS	5	4
72	Medtronic	1	3
73	Bajaj Allianz	14	5.95

74	Koskill	1	6
75	High Five Woods Pvt	2	3
76	Arab Company for shared services FZ-LLC	1	6.7
77	QMAX SYSTEMS	1	3.29
78	Neeyamo	1	3
79	Caterpillar Inc	1	7.1
80	HCL Technologies	1	6
81	GlenmarkPharma	1	2.4
82	UfaberEdutech	1	4
83	SF&Co.	1	4.8
84	Visteon	1	6.88
85	Apollo Tyres	1	3
86	Pratishthan Software Venture	1	6.25
87	WorkForce Software	1	7.2
88	Rinex Technology	4	4.2
89	GeekyAnts	2	5
90	Pon Pure Chemical	1	3.2
91	BSCPL	5	4
92	SAGE IT	1	3
93	Imperva	1	8
94	Headspin Technologies P.L	1	4.31
95	Mountblue Technologies	1	4.08
96	GENIEHIRE	1	2.4
97	Spark Info Solutions P.Ld.	1	3
98	SmartDV Tech	1	1.8
99	Boeing India Pvt. Ltd	1	6.67
100	KCP	2	2.37
101	RAVANDS	10	5.3
102	RAJSEKHAR CONSTRUCTION	5	5.38
103	NTT DATA	2	5.49

RESEARCH
&
DEVELOPMENT

During the academic year 2022-23, Mohan Babu University (MBU) has demonstrated exceptional growth and commitment to research and development. Our efforts have been rewarded with significant funding from both government and industry sources, alongside the establishment of specialized research centers. Below is a detailed overview of R&D activities.

Government Sponsored Projects

Name of the PI and CO-PI, Department	Title of the R&D Project	Funding Agency	Sanction Order Number	Budget (In Lakhs)	Duration
Dr. **S. Ragu Nathan (PI)**, Dr. S. M. Senthil (Co.P.I), Dr. A. G. Rao, DRDO (Partner 1), Mr. B. Venketesh, Industry, (Partner)	Development of an automated fixture for friction stir welding of defense grade (AA5083/ AA7075) pipes	DST-AMT	DST/TDT/ AMT/2021/ 008(G)	39.89	3 Years
Dr. T. Devaraju (PI) CO-PIs: Dr. M. S Sujatha Dr G Hari Krishnanm, Dr K Leeledhar Rao,	Science Technology and Innovation STI Hub in Chandragiri Mandal, Chittoor District, Andhra Pradesh State for the Socioeconomic Development of Scheduled Caste SC and Scheduled Tribe ST Communities	DST-STI-HUB	DST/SEED/S CSP/STI/ 2020/376	360.00	3 Years
Dr. P. Geetha (PI) and Dr. D. Leela Rani	Creating Awareness of Basic Science through Science Fair among Rural and Semi-Urban School Students in Chittoor District	DST-NCSTC	CO/A/FP/E171/ 2021	22.2	3 Years
Dr. M. V. Sasi Kumar (PI) Dr. YB Kishore Kumar (CO-PI)	Vignana Vihangam	DST-NCSTC	CO/R/TR/S29/2 021	29.26	2022-23

Industrial Projects

Name of the PI and CO-PI, Department	Title of the R&D Project	Funding Agency	Year of sanction	Project Cost (in Lakhs)	Dur-ation
Dr.B.Narendra kumar Rao	Performance Improvement of Inventory Management System by an Automated Warehouse System	Kamalveer Systems	24.03.2023	41.46	2 years
Ms. K Neelima	Hardware and software modeling of a Cartesian Gantry Robot	Mechatronics Marketing services, New Delhi	29-03-2023	28	3 Years
Dr. K Leleedhar Rao	Design of Electrical Systems for a new G+5 Building Complex proposed to be constructed at Proddatur, YSR Kadapa District	M/s. Adesh Electricals, Proddatur, Andhra Pradesh.	12.12.2022	0.86	1 year
Dr NMG Kumar	Energy Audit & Plant Production Performance	M/s. Sai Balaji Agro Foods, Kanchipuram, Tamil Nadu	30.09.2022	0.5	1 Year

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Journal & Conference

Authors	Title of the Paper	Doi	Conference/Journal
Seerangan R.N.; Kumar S.P.	An Intensive Study on Effect of Tool Traverse Speed on Formation of Stir Zone Microstructure and Mechanical Properties of Friction Stir Welded HSLA Steel Joints	10.4271/2022-28-0521	Conference
Katta L.N.; Natarajan M.; Pasupuleti T.; Sivaiah P.; Chittor Naga Venkata S.	Neural Network Model for Machinability Investigations on CNC Turning of AA5052 for Marine Applications with MQL	10.4271/2022-28-0515	Conference
Natarajan M.; Pasupuleti T.	Development of Predictive Models and Prediction of Process Parameters for Wire Electrical Discharge Machining of Monel 400	10.4271/2022-28-0491	Conference
Kumar Y.B.K.; Doddipalli R.R.; Nagamalleswari D.; Tarigonda H.	Fabrication of CuSbS2 Thin Film Solar Cells by Using Chemical Spray Pyrolysis	10.4271/2022-28-0573	Conference
Pasupuleti T.; Natarajan M.; Katta L.N.; Ramesh R.; Naidu B.V.V.	Microstructure and Mechanical Behaviour of Dissimilar Laser Welded Joints for Automobile Applications	10.4271/2022-28-0548	Conference
Tarigonda H.; Gangula V.R.; Ratnaraju P.; Doddipalli R.R.; Krupakaran R.L.	Effect of TBC, Turbocharger and EGR on the Performance of Diesel Engine Using Biodiesel	10.4271/2022-28-0558	Conference
Pasupuleti T.; Natarajan M.; Krishnamachary P.C.; Ramesh R.; Katta L.N.	Development of Hybrid Grey Based ANFIS Model for Laser Beam Welding of Inconel 718 Alloy for Automotive Industries	10.4271/2022-28-0505	Conference
Gangula V.R.; Krupakaran R.L.; Tarigonda H.; Kala K.L.; Doddipalli R.R.	Optimization of the Effect of Low Heat Rejection Diesel Engine Using Biodiesel with Taguchi Method	10.4271/2022-28-0577	Conference
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Sathish K.; Narayana Y.V.; Mekala M.S.; Rizwan P.; Kallam S.	Efficient tumor volume measurement and segmentation approach for CT image based on twin support vector machines	10.1007/s00521-021-06769-y	Journal
Pasupuleti T.; Natarajan M.; Silambarasan R.; Ramesh R.	Development of Regression Models for Laser Beam Welding of Inconel 718 Alloy Thin Sheets	10.4271/2022-28-0340	Conference

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Geetha P.; Jothiprashanth R.S.	Low-cost Energy Harvesting using ZnO Nanorods on Paper Substrate	10.1149/2162-8777/ac9335	Journal
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Ganesh A.C.; Mukilan K.; Srikar B.P.V.; Teja L.V.S.; Prasad K.S.V.; Kumar A.A.; Sharath R.P.	Effect of Flyash-Rice Husk Ash Blend in the Energy Efficient Geopolymer Tiles Using Industrial Wastes	10.4028/www.scientific.net/MSF.1048.403	Conference
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Sajin J.B.; Christu Paul R.; Binoj J.S.; Brailson Mansingh B.; Gerald Arul Selvan M.; Goh K.L.; Rimal Isaac R.S.; Senthil Saravanan M.S.	Impact of fiber length on mechanical, morphological and thermal analysis of chemical treated jute fiber polymer composites for sustainable applications	10.1016/j.crgsc.2021.100241	Journal
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Arulkirubakaran D.; Malkiya Rasalin Prince R.; Neil Anand K.; Manikandan N.; Jenny Manaswitha D.; Lavanya A.; Suresh M.N.; Kishore K.C.S.; Chauhan B.; Vishal S.	Robotic Utilization in Farming Field—A Review	10.1007/978-981-19-0244-4_8	Conference
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Chalapathi T.; Kumaraswamy N.K.; Harish B.D.	Algebraic Properties of Finite Neutrosophic Fields		Journal
Hassan S.A.; Binoj J.S.; Goh K.L.; Mansingh B.B.; Varaprasad K.C.; Yahya M.Y.; Che Othman F.E.; Ahmed U.; Nurhadiyanto D.; Mujiyono; Wulandari A.P.	Effect of fiber stacking sequence and orientation on quasi- static indentation properties of sustainable hybrid carbon/ramie fiber epoxy composites	10.1016/j.crgsc.2022.100284	Journal
Sreenivasa Chakravarthi S.; Jagadeesh Kannan R.; Anantha Natarajan V.; Gao X.-Z.	Deep Learning Based Intrusion Detection in Cloud Services for Resilience Management	10.32604/cmc.2022.022351	Journal
Reshma G.; Al-Atroshi C.; Nassa V.K.; Geetha B.T.; Sunitha G.; Galety M.G.; Neelakandan S.	Deep learning-based skin lesion diagnosis model using dermoscopic images	10.32604/IASC.2022.019117	Journal
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Naresh K.; Reddy P.U.; Sujatha P.	Design And Comparison Of Performance Of Dfig Based Wind Turbine With Pid Controller, Fuzzy Controller, Artificial Neural Network And Model Predictive Controller	10.4108/eai.29-6-2021.170251	Journal
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Satyam; Neelima K.; Divya N.; Karthikeyan K.; Kumar N.	Design of Rubber Substrate based Flexible Antenna with DGS for WBAN Applications	10.1109/ESCI53509.2022.9758201	Conference
A S.K.; M M.; K A.K.; A C.G.; R K.D.	Influence of incinerated biomedical waste ash and waste glass powder on the mechanical and flexural properties of reinforced geopolymer concrete	10.1080/13287982.2022.2044613	Journal

Patents

Title	Name of the Inventor(s)	Name of the Applicant(s)	Application / Reference No.
POWER GRID FAILURE DETECTION BASED ON VOLTGAE AND FREQUENCY VARIANCE DETECTION	1. Dr.I.Kumara swamy 2. Dr.T.Devaraju	Sree Vidyanikethan Engineering College	202241052370
EARO SMART EAR PHONES (ESEPHONES)	1. Mr. B. Sumanth Kumar 2. Dr. Mrs. P. Thejasree 3. Dr. N. Manikandan 4. Mr. B. Nagesh	Mohan Babu University (erstwhile Sree Vidyanikethan Engineering College)	202241072544 (CBR No. 51026)
MORE THAN ONE CONVEX LENS BASED DYNAMIC TRACKING SUN LIGHT ENERGY EFFICIENT SOLAR SYSTEM	1. Dr. T. Hariprasad 2. Dr. R.L.Krupakara 3. Dr. G. Vidyasagar reddy 4. Dr. R. Satya meher 5. Mr. Raghu rami reddy 6. Ms. K. Lakshmi kala 7. Mr. K. Harsha Vardhan reddy	1. Sree Vidyanikethan Engineering College 2. Dr. T. Hariprasad 3. Dr. R.L.Krupakara 4. Dr. G. Vidyasagar reddy 5. Dr. R. Satya meher 6. Mr. Raghu rami reddy 7. Ms. K. Lakshmi kala 8. Mr. K. Harsha Vardhan reddy	202241062236A

DESIGN AND MANUFACTURE OF MANUAL ELECTRODE COATING MACHINE FOR SMALLSCALE ARC WELDING ELECTRODE MANUFACTURE	1. P. Thejasree 2. Dr. N. Manikandan 3. Dr. K. Lakshmi Narasimhamu	1. Sree Vidyanikethan Engineering College 2. P. Thejasree 3. Dr. N. Manikandan 4. Dr. K. Lakshmi Narasimhamu	202241047 390 A
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WSN AND DEEP LEARNING (DL) BASED WIND-TURBINE PLANETARY GEARBOX CONDITION MONITORING SYSTEM	1. Prof. Natesh C P 2. Prof. Madhukumar K 3. Prof. Santhosh Kumar T C 4. Dr Godwin Glivin 5. Dr A Gnana Sagaya Raj 6. Mr. S.Baskaran 7. K kirubakaran	1. Prof. Natesh C P 2. Prof. Madhukumar K 3. Prof. Santhosh Kumar T C 4. Dr Godwin Glivin 5. Dr A Gnana Sagaya Raj 6. Mr. S.Baskaran 7. K kirubakaran	202241017 103 A
PADDY DRYER	1. Mr. J. Mohammed Azharudeen 2. Dr.Tan Koon Tatt 3. Mr. Gopalan Gomathi Sankar 4. Dr.G.Pitchayya Pillai 5. Dr.U.Arunachalam 6. Dr. Ramesh Raju 7. Dr.S.Nagarajan 8. Dr.Sivaraj Murugan 9. Dr.Sivakumar Paramasivam 10. Dr. Muthuraman Subbiah 11. Mr. J.Vairamuthu 12. Dr.R.Kamalakannan	1. Dr.R.Kamalakannan 2. Mr. J.Vairamuthu 3. Dr. Muthuraman Subbiah 4. Dr.Sivakumar Paramasivam 5. Dr.Sivaraj Murugan 6. Dr.S.Nagarajan 7. Dr. Ramesh Raju 8. Dr.U.Arunachalam 9. Dr.G.Pitchayya Pillai 10. Mr. Gopalan Gomathi Sankar 11. Dr.Tan Koon Tatt 12. Mr. J. Mohammed Azharudeen	202241010 530
AN ANDROID BASED IOT ENABLED SMART	1. Dr. A. Yasmine Begum Mr. M. Balaji	Sree Vidyanikethan Engineering College	202241055 979

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AN INTELLIGENT MONKEY MENACE ALERT SYSTEM	1. Dr. A. Yasmine Begum 2. Mr. M. Balaji 3. Dr. M. S. Sujatha 4. Ms. C. V. Neha Niharika 5. Mr. K. Mothish Kumar	Mohan Babu University (erstwhile Sree Vidyanikethan Engineering College)	202241071228 (CBR No. 50052)
A WEARABLE IOT DEVICE FOR CHILD SAFETY	1. Mr. Madhu G.C 2. Dr. P. Geetha 3. Dr. N. Ashok Kumar 4. Ms.V.Kalpana 5. Ms. Sri Midusha 6. Mr. D. Bhanu Prakash 7. Ms. Chandana Sree 8. Mr. D. Nithish 9. Mr. D. Naveen Reddy	Mohan Babu University (erstwhile Sree Vidyanikethan Engineering College)	202241071272 (CBR No. 50082)
ENVIRONMENT AND EARTHLINGS HAZARD FREEWILD ANIMAL REPELLENT	1. P Venkatramana 2. Shaik Javid Basha 3. Batta Chandana 4. C Santhosh Kumar 5. D Rakesh Sai Reddy 6. D Tony 7. E Pavan	Mohan Babu University (erstwhile Sree Vidyanikethan Engineering College)	202241071282 (CBR No. 50085)
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ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING BASED PLANT LEAF DISEASE CLASSIFICATION FOR CROP YIELD	1 . Dr. N. Shanmugapriya 2 . Mrs. R. Dhivya 3 . Dr. Manish Raghunathrao Deshpande 4 . Mrs. Koyya Sreelatha 5 . Mr. Hemendra Pathak 6 . Mr. Abhishek Sharma 7 . Mrs. Madhuri Vikas Mane 8 . Ms. Neelima K 9 . Mr. Satyam 10. Mr.Neeruganti Vikram Teja	1 . Dr. N. Shanmugapriya 2 . Mrs. R. Dhivya 3 . Dr. Manish Raghunathrao Deshpande 4 . Mrs. Koyya Sreelatha 5 . Mr. Hemendra Pathak 6 . Mr. Abhishek Sharma 7 . Mrs. Madhuri Vikas Mane 8 . Ms. Neelima K 9 . Mr. Satyam 10. Mr.Neeruganti Vikram Teja	202241013 923
CRIME RISK FORECASTING USING AI-BASED PROGRAMMING	1. Dr. T. V. V. Satyanarayana 2. Mrs. V Kalpana 3. Mr. G Hemanth Kumar 4. Mr. C Somasundar Reddy 5. Dr. V Vijaya Kishore 6. Mr. M. Venkatanaresh	Sree Vidyanikethan Engineering College	202241006 900
A USER-FRIENDLY INTELLIGENT ROBOT VACUUM CLEANING DEVICE	1. Dr. Y. Dileep Kumar 2. Mr. Anil Kumar N 3. Mrs. N P Dharani 4. Mrs. N Harathi 5. Mr. C. Ravindra MURTHY 6. Mr. C. Somasundar Reddy	Mohan Babu University (Erstwhile Sree Vidyanikethan EngineeringCollege)	202241071 797 (CBR No. 50437)
IOT BASED SMART MATERIAL FOR EV SEGMENT USING WIRE ELECTRICAL DISCHARGE MACHINING THEREOF	1.Dr.J.JAYAPRIYA 2.J.THIRUNAVUKKARASU 3.D.RAJALAKSHMI 4.S.RAJESWARI 5.R.PRABAVATHI 6.KAVINILAVU A 7.Dr.Y.DILEEP KUMAR 8.ANIL KUMAR N 9.Dr.M.PRAVEEN KUMAR 10.G VAMSI KRISHNA 11.S.V.RAJESH KUMAR 12.A.MAHESH REDDY	1. Dr.J.JAYAPRIYA 2. J.THIRUNAVUKKARASU 3. D.RAJALAKSHMI 4. S.RAJESWARI 5. R.PRABAVATHI 6. KAVINILAVU A 7. Dr.Y.DILEEP KUMAR 8. ANIL KUMAR N 9. Dr.M.PRAVEEN KUMAR 10. G VAMSI KRISHNA 11. S.V.RAJESH KUMAR 12. A.MAHESH REDDY	202241006 784
NARROWBAND INTERNET OF THINGS BASED LOW-COST ANDLOW-POWER CONSUMPTION DATA PROCESSING METHOD	1. Mr. B. Joseph 2. Dr. Kamalapuram Khaja Baseer	Mohan Babu University (erstwhile Sree Vidyanikethan Engineering College)	202241071 468 (CBR No. 50202)
A SMART APP FOR VISUALLY IMPAIRED	1. Mr. P. Bhasha 2. Dr. K. Ramani	Mohan Babu University (erstwhile Sree Vidyanikethan Engineering College)	202241072 741

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AN INTELLIGENT BUILDING ELEVATOR SYSTEM AND A METHOD OF OPERATING THE SYSTEM	1. Dr. M. Jahir Pasha 2. Ms. K. Swetha 3. Mr. C. Ishaq Shareef 4. Mr. R. Anil Kumar 5. Mr. Jeribanda Mohan Kumar	1. Sree Vidyanikethan Engineering College 2. Dr. Kamalapuram Khaja Baseer 3. Dr. Kasarapu Ramani 4. Dr. M. Jahir Pasha 5. Ms. K. Swetha 6. Mr. C. Ishaq Shareef 7. Mr. R. Anil Kumar 8. Mr. Jeribanda Mohan Kumar	202241031308
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REAL TIME INTELLIGENT SURVEILLANCE SYSTEMS FOR AGED PEOPLE FALL DETECTION	1. Dr. B. Rajalingam 2. Dr. P.Santosh kumar 3. Dr. R. Santhosh kumar 4. Dr.N.Nithiyanandam 5. Ms. Priyadharshini 6. Dr. E. Sophiya 7. Mr. P. deepen 8. Dr. N. Satheesh 9. Dr. G. JawaherlalNehru	1. Dr. B. Rajalingam 2. Dr. P.Santosh kumar 3. Dr. R. Santhosh kumar 4. Dr.N.Nithiyanandam 5. Ms. Priyadharshini 6. Dr. E. Sophiya 7. Mr. P. deepen 8. Dr. N. Satheesh 9. Dr. G. JawaherlalNehru	202241025101
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ARTIFICIAL INTELLIGENCE-BASED COMPUTER USERS CLASSIFICATION USING KEYSTROKE DYNAMICS DATA	1)Mrs. K. Durga Bhavani 2)Mr. Om Prakash Singh 3)Dr. P. Mahizharuvi 4)Mr. Bal Krishna Saraswat 5)Mr. K. M. N. Chaitanya kumar Reddy 6)Santwana Gudadhe 7)Shruti Chaudhari 8)Mr. Sai Sundara Sriramam Yadavalli	1)Mrs. K. Durga Bhavani 2)Mr. Om Prakash Singh 3)Dr. P. Mahizharuvi 4)Mr. Bal Krishna Saraswat 5)Mr. K. M. N. Chaitanya kumar Reddy 6)Santwana Gudadhe 7)Shruti Chaudhari 8)Mr. Sai Sundara Sriramam Yadavalli	2022410248322A
A SYSTEM BASED ON NETWORK AWARE	1. Mrs.Kancherla Santoshi 2. Dr.Venkatesh B	1. Mrs.Kancherla Santoshi 2. Dr.Venkatesh B	202241050948

APPLICATION DEPENDENT ADAPTIVE PROTOCOL SELECTION FOR IOT COMMUNICATIONS	3. Mr.S.Sivanantham 4. Ms.V.Akshaya 5. Ms.Salma Begum 6. Dr. K. Prabhu Chandran 7. Dr.Gogineni Rajesh Chandra 8. Dr.A.Kishore Reddy 9. Dr.K.Gurnadha Gupta 10. Dr.S.Sathappan	3. Mr.S.Sivanantham 4. Ms.V.Akshaya 5. Ms.Salma Begum 6. Dr. K. Prabhu Chandran 7. Dr.Gogineni Rajesh Chandra 8. Dr.A.Kishore Reddy 9. Dr.K.Gurnadha Gupta 10. Dr.S.Sathappan 11.	
HIGH SENSITIVE IOT NANO SENSOR FOR DATA ACQUISITION AND PROCESSING	1. Dr. C. Sivakumar 2. Dr. Cuddapah Anitha 3. Mr. S. Shivaprakash 4. Dr. J. Jasmine 5. Dr. N. Yuvaraj 6. Mr. R. Arshath Raja 7. Mr. J. Logeshwaran	1. Dr. C. Sivakumar 2. Dr. Cuddapah Anitha 3. Mr. S. Shivaprakash 4. Dr. J. Jasmine 5. Dr. N. Yuvaraj 6. Mr. R. Arshath Raja 7. Mr. J. Logeshwaran	202241022698
THE EFFECTS ON THE FINANCIAL AND ECONOMIC STATUS OF THE COUNTRY IN COVID PANDEMIC & IS DAMAGES ON HUMAN HEALTH	1. Dr.Ravi Kumar T 2. Dr Bhupendra Kumar 3. Dr. Murugan N 4. Dr.Suhashini J 5. Ms. T Kusuma 6. Dr. S. Saravanan 7. Dr Brijesh Sathian	1.Dr.Ravi Kumar T 2.Dr Bhupendra Kumar 3.Dr. Murugan N 4.Dr.Suhashini J 5.Ms. T Kusuma 6.Dr. S. Saravanan 7.Dr Brijesh Sathian	202241013748
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A SMART WEARABLE JACKET WITH HEATING AND COOLING FOR TRACKING HEALTH AND FITNESS	1. Mr. P. Parjanya Reddy 2. Mr. M. Ramu 3. Mr. P. Yogendra Prasad 4. Mr. S. Siva Prakash	Mohan Babu University (erstwhile Sree Vidyanikethan Engineering College)	202241072730 (CBR No. 51166)
DEVELOPMENT OF EDUCATIONAL SYSTEMS USING A BLOCK CHAIN-BASED MODEL	1. Dr. M. Ravichand 2. Aditi Chauha 3. Virendra Kumar Verma 4. Dr Uttam Vedu Nile 5. Shashi Punam 6. Dr Rupesh Ramesh Deore 7. Dr Amol Rameshwarrao Bhitar 8. Dr Sandip Subhash Bhavsar 9. Sanjeev Kumar 10. Deo Karan Ram 11. Ankit Jain 12. Ms Priyanka Aggarwal	1. Dr. M. Ravichand 2. Aditi Chauha 3. Virendra Kumar Verma 4. Dr Uttam Vedu Nile 5. Shashi Punam 6. Dr Rupesh Ramesh Deore 7. Dr Amol Rameshwarrao Bhitar 8. Dr Sandip Subhash Bhavsar 9. Sanjeev Kumar 10. Deo Karan Ram 11. Ankit Jain 12. Ms Priyanka Aggarwal	202211030106
SYSTEM TO SHOW THE IMPORTANCE OF A BLOCK CHAIN-BASED MODEL FOR CREATING NEW EDUCATIONAL SYSTEMS	1. Dr. M. Ravichand 2. Dr. Ashvine Kumar 3. Dr. Hitendra Shukla 4. Tushar Vyas 5. Dr. Sabera Begum 6. Brijesh Kumar Verma 7. Dr. Peeyush Vats 8. Deepak Chhaparwal 9. Dr. Rajesh B. Survase 10. Gaikwad Anil Pandurang 11. Dr. Deo Karan Ram	1. Dr. M. Ravichand 2. Dr. Ashvine Kumar 3. Dr. Hitendra Shukla 4. Tushar Vyas 5. Dr. Sabera Begum 6. Brijesh Kumar Verma 7. Dr. Peeyush Vats 8. Deepak Chhaparwal 9. Dr. Rajesh B. Survase 10. Gaikwad Anil Pandurang 11. Dr. Deo Karan Ram	202241049899
AI (ARTIFICIAL INTELLIGENCE): ANEMERGING PERSPECTIVE IN ENGLISHLANGUAGE LEARNING AND TEACHING	1. Dr. K. Gayathri 2. Dr. K. Sujatha 3. Kiranmai P 4. Mrs. S. Archana 5. B R Lakshmi 6. Dr. S. Ammani 7. Dr. A. Shobha Rani 8. Mula Mary Madhavi 9. Rajeswari Surisetty 10. M. Ravichand	1. Dr. K. Gayathri 2. Dr. K. Sujatha 3. Kiranmai P 4. Mrs. S. Archana 5. B R Lakshmi 6. Dr. S. Ammani 7. Dr. A. Shobha Rani 8. Mula Mary Madhavi 9. Rajeswari Surisetty 10. M. Ravichand	202241069766
METHOD FOR CONVERTING A THREE-DIMENSIONAL LIDAR DATASET TO A PROJECTION SHAPE, AND A MULTI-CHANNEL TWO-DIMENSIONAL IMAGE FOR PERFORMING SEGMENTATION	Dr R ARRAVIND 2 . Dr. R.S. Jayaram 3 . Mr. Satyam 4 . Prof Sanjeev Kumar Trivedi 5 . Mr.S.Suresh 6 . Aabha Sahu 7 . Mr. B. Kannadasan 8 . Dr Atowar ul Islam 9 . Mr. Anurag Sinha 10 . LAXMI MISHRA 11 . MR. L. KARTHICK	1 . Dr R ARRAVIND 2 . Dr. R.S. Jayaram 3 . Mr. Satyam 4 . Prof Sanjeev Kumar Trivedi 5 . Mr.S.Suresh 6 . Aabha Sahu 7 . Mr. B. Kannadasan 8 . Dr Atowar ul Islam 9 . Mr. Anurag Sinha 10 . LAXMI MISHRA 11 . MR. L. KARTHICK	202241075293
A WEARABLE PREGNANCY	Dr. G Vimala Kumari 2 . Ms. Lenka Swathi	Dr. G Vimala Kumari 2 . Ms. Lenka Swathi	202241064840

MONITORING APPARATUS TO COLLECT PHYSIOLOGICAL PARAMETERS	3 . Prof. Jagdeesh Kumar Ega 4 . Dr. A. Punitha 5 . K.Subhashini 6 . Ms. Karra Maheswari 7 . Dr. J. Thamil Selvi 8 . Dr.S.Sugumaran 9 . Mrs. Yojana Yadav 10 . Dr. Robin George 11. Dr. Shankar B B 12. Dr. ATA Kishore Kumar	3 . Prof. Jagdeesh Kumar Ega 4 . Dr. A. Punitha 5 . K.Subhashini 6 . Ms. Karra Maheswari 7 . Dr. J. Thamil Selvi 8 . Dr.S.Sugumaran 9 . Mrs. Yojana Yadav 10 . Dr. Robin George 11. Dr. Shankar B B 12. Dr. ATA Kishore Kumar	
MACHINE LEARNING AND ARTIFICIAL INTELLIGENCE TECHNIQUES FOR INTRUSION DETECTION IN NETWORK	Mr. H.M. Moyeenudin 2 . Mr. Mohammed Afzal 3 . Mr. Mohammed Rahmat Ali 4 . Mrs. Meenakshi Gupta 5 . Dr. Pathan Ahmed Khan 6 . Dr. Justin Sophia. I 7 . Ms. Palla Sravani 8 . Mr. Sandeep B 9 . Dr. T Sivakami 10 . Dr. ATA Kishore Kumar 11 . Dr. Shankar B B	Mr. H.M. Moyeenudin 2 . Mr. Mohammed Afzal 3 . Mr. Mohammed Rahmat Ali 4 . Mrs. Meenakshi Gupta 5 . Dr. Pathan Ahmed Khan 6 . Dr. Justin Sophia. I 7 . Ms. Palla Sravani 8 . Mr. Sandeep B 9 . Dr. T Sivakami 10 . Dr. ATA Kishore Kumar 11 . Dr. Shankar B B	202241064 841
DESIGN AND IMPLEMENTATION OF A SMART NETWORK USING LORA FOR MEASURING ENVIRONMENT PARAMETERS	1 . Dr. P. G. KUPPUSAMY 2 . Dr. R. L .KRUPAKARAN 3 . Dr. C. PRIYA 4 . Dr. GOMALAVALLI. R 5 . G. PRIYANKA 6 . P. SARANYA 7 . D. R. LAKSHMI 8 . Dr. P. RATNA KAMALA 9 . K. SRAVAN KUMAR 10 . J. RAJANIKANTH	1 . Dr. P. G. KUPPUSAMY 2 . Dr. R. L .KRUPAKARAN 3 . Dr. C. PRIYA 4 . Dr. GOMALAVALLI. R 5 . G. PRIYANKA 6 . P. SARANYA 7 . D. R. LAKSHMI 8 . Dr. P. RATNA KAMALA 9 . K. SRAVAN KUMAR 10 . J. RAJANIKANTH	202241065 883
BLEEDING RECOGNITION TECHNIQUE IN WIRELESS CAPSULE ENDOSCOPY IMAGES USING FUZZY LOGIC AND PRINCIPAL COMPONENT ANALYSIS	1 . Dr. PAWAN KUMAR 2 . Dr. M. THANGARAJ 3 . B RANJITHA 4 . SAKSHI TAARESH KHANNA 5 . Dr. NEERAJ KUMAR SHARMA 6 . Dr. GHANSHYAM VATSA 7 . Dr. C. KAVITHA 8 . Dr. S. JACKSON 9 . Ms. ESHWARI NAGESH MUNDAS 10 . Mr. ANUPENDRA SINGH 11 . Ms. K. LEELARANI 12 . Ms. S. SHOPIKA	1 . Dr. PAWAN KUMAR 2 . Dr. M. THANGARAJ 3 . B RANJITHA 4 . SAKSHI TAARESH KHANNA 5 . Dr. NEERAJ KUMAR SHARMA 6 . Dr. GHANSHYAM VATSA 7 . Dr. C. KAVITHA 8 . Dr. S. JACKSON 9 . Ms. ESHWARI NAGESH MUNDAS 10 . Mr. ANUPENDRA SINGH 11 . Ms. K. LEELARANI 12 . Ms. S. SHOPIKA	202211070 169
THE LONGITUDINAL RESONANCE PROPERTIES OF A TAPERED STRUCTURE OVER UNILATERALLY LAYERED SOIL	1 . Dr.R.Sandhya Rani, 2 . Dr. M Chittaranjan, 3 . G.Srinvas, 4 . Dr K Narasimhulu, 5 . T Jahnavi, 6 . T Sai Krishna,	1 . Dr.R.Sandhya Rani, 2 . Dr. M Chittaranjan, 3 . G.Srinvas, 4 . Dr K Narasimhulu, 5 . T Jahnavi, 6 . T Sai Krishna	202241073 322

EMBEDDED IP CAMERA AND MACHINE LEARNING TECHNOLOGY BASED PATIENT HEALTH MONITORING SYSTEM	1 . DUDAKA SUMA 2 . Mr. MUNTIMADUGU VIJAYA KANTH 3 . Dr. S. RADHA KRISHNA 4 . KURAKULA ARUN KUMAR 5 . Dr. T. KUMARESAN 6 . M SAMPOORNA 7 . J S RADHIKA 8 . Dr. S. SATHAPPAN	1 . DUDAKA SUMA 2 . Mr. MUNTIMADUGU VIJAYA KANTH 3 . Dr. S. RADHA KRISHNA 4 . KURAKULA ARUN KUMAR 5 . Dr. T. KUMARESAN 6 . M SAMPOORNA 7 . J S RADHIKA 8 . Dr. S. SATHAPPAN	202241059442
AN IOT ENABLED SYSTEM FOR BREAST CANCER DETECTION USING IMAGE PROCESSING	1 . Dr. M J Anand 2 . Dr. Rahul Gedam 3 . Dr.Kavitha Pingili 4 . Mrs. Farzana Parveen B A 5 . Mr. Mohammed Rahmat Ali 6 . Dr. Pathan Ahmed Khan 7 . Dr. Mohammed Jameel Hashmi 8 . Mr. Santhosh B J 9 . Mr. Poorna Chandra Reddy Alla 10 . Dr. Mundluru Dharani	1 . Dr. M J Anand 2 . Dr. Rahul Gedam 3 . Dr.Kavitha Pingili 4 . Mrs. Farzana Parveen B A 5 . Mr. Mohammed Rahmat Ali 6 . Dr. Pathan Ahmed Khan 7 . Dr. Mohammed Jameel Hashmi 8 . Mr. Santhosh B J 9 . Mr. Poorna Chandra Reddy Alla 10 . Dr. Mundluru Dharani	202241053918
IMPACT OF ADVERTISEMENTS IN INDIA ON NETWORK SERVICE SALES PROMOTION AND CUSTOMER SATISFACTION	1 . Prof. Chhaya Patel 2 . Dr. Nisha Singh 3 . Dr.Madhavi G M 4 . Dr. G. AYYANAR 5 . Dr. RAJESH DEB BARMAN 6 . Dr.Ekta Dargan 7 . Ms Shifali Ahuja 8 . Dr. D. Deepa 9 . Ms. Suneetha K.S 10 . MS. RADHA T 11 . Dr. K.Sivaperumal 12 . Dr. Harikumar Pallathadka	1 . Prof. Chhaya Patel 2 . Dr. Nisha Singh 3 . Dr.Madhavi G M 4 . Dr. G. AYYANAR 5 . Dr. RAJESH DEB BARMAN 6 . Dr.Ekta Dargan 7 . Ms Shifali Ahuja 8 . Dr. D. Deepa 9 . Ms. Suneetha K.S 10 . MS. RADHA T 11 . Dr. K.Sivaperumal 12 . Dr. Harikumar Pallathadka	202221052041
A SYSTEM AND METHOD FOR SECURE REMOTE COMMUNICATION USING WSN BASED ON BLOCKCHAIN TECHNOLOGY	1 . Dr. K. A. Ajmath 2 . Dr. Dilip Kumar Sharma 3 . Sameer Kumar Das 4 . Ms. Lijarani Jena 5 . Dr Radeep Krishna R 6 . M A Praveen 7 . Dr. Deo karan Ram 8 . Dr. K. ARULANANDAM 9 . Mr. Kannadasan B 10 . Dr. Hari Kumar Singh 11 . Mr.D.Vikneshkumar	1 . Dr. K. A. Ajmath 2 . Dr. Dilip Kumar Sharma 3 . Sameer Kumar Das 4 . Ms. Lijarani Jena 5 . Dr Radeep Krishna R 6 . M A Praveen 7 . Dr. Deo karan Ram 8 . Dr. K. ARULANANDAM 9 . Mr. Kannadasan B 10 . Dr. Hari Kumar Singh 11 . Mr.D.Vikneshkumar	202241050360
ATTRIBUTIONAL THOUGHTS OF ENGLISH TEACHING MASTER'S PUPILS ON THE READING PERFORMANCE	1 . K.Chandrasekhar, 2 . Dr.VSV Laxmi Ramana, 3 . Dr. R. Devarajulu Reddy, 4 . Dr.Babi Duli, 5 . Dr. Nagendra Kottacheruvu, 6 . Dr.Y.V.Sudha Devi,	1 . K.Chandrasekhar, 2 . Dr.VSV Laxmi Ramana, 3 . Dr. R. Devarajulu Reddy, 4 . Dr.Babi Duli, 5 . Dr. Nagendra Kottacheruvu, 6 . Dr.Y.V.Sudha Devi,	202241049647

	7 . Dr. P. Veerraghava, 8 . N Babu Rao 9 . M.N.Sreedhar,	7 . Dr. P. Veerraghava, 8 . N Babu Rao 9 . M.N.Sreedhar,	
SMART CITY POWER MANAGEMENT SYSTEM USING 5G TECHNOLOGY	1 . Dr.Y.Krishna Priya 2 . Mr. Chengappa M R 3 . Mrs. P.Deepa 4 . Mrs.M.Vijayasanthi 5 . Dr. Arindam Ghosh 6 . Mr. S.Jaya Chandra	1 . Dr.Y.Krishna Priya 2 . Mr. Chengappa M R 3 . Mrs. P.Deepa 4 . Mrs.M.Vijayasanthi 5 . Dr. Arindam Ghosh 6 . Mr. S.Jaya Chandra	202241021684
AN ARTIFICIAL INTELLIGENCE BASED INTEGRATED IOT HEALTHCARE SYSTEM FOR CANCER CARE AND METHOD THEREOF	1 . Dr.Endluri Venkata Naga Jyothi 2 . Ms.M.Kranthi 3 . Dr.Vishalagoud.S.Patil 4 . Dr.B.Satyanarayana 5 . Dr.B.Hari Chandana 6 . Dr.B.Sridhar 7 . Dr.Amarendranath Choudhury 8 . Mr.V.R.Narasimharao Mondreti 9 . Dr.M.Sunil Kumar 10 . Dr.Kazi Kutubuddin Sayyad Liyakat	1 . Dr.Endluri Venkata Naga Jyothi 2 . Ms.M.Kranthi 3 . Dr.Vishalagoud.S.Patil 4 . Dr.B.Satyanarayana 5 . Dr.B.Hari Chandana 6 . Dr.B.Sridhar 7 . Dr.Amarendranath Choudhury 8 . Mr.V.R.Narasimharao Mondreti 9 . Dr.M.Sunil Kumar 10 . Dr.Kazi Kutubuddin Sayyad Liyakat	202241022606
NANO COATING OF SUPER CAPACITOR ON CAR TO SUPPORT RECHARGING OF EV VEHICLES ON THE RUN EFFICIENTLY	1 . DR.B.SIRANTHINI 2 . DR. N M G KUMAR 3 . SARVESHWAR KASARLA 4 . DR.A.PARTHIBAN 5 . NAVEEN RANA 6 . SUMIT KATARIA 7 . NIKHIL RASTOGI 8 . YOGENDRA KUMAR 9 . DR.S.BHARATHIDASAN 10 . PAWAN SURESH KACHAVE 11 . ANUJA MANIKRAO MOPARI 12 . PRASHANT BABURAO KHARAT	1 . DR.B.SIRANTHINI 2 . DR. N M G KUMAR 3 . SARVESHWAR KASARLA 4 . DR.A.PARTHIBAN 5 . NAVEEN RANA 6 . SUMIT KATARIA 7 . NIKHIL RASTOGI 8 . YOGENDRA KUMAR 9 . DR.S.BHARATHIDASAN 10 . PAWAN SURESH KACHAVE 11 . ANUJA MANIKRAO MOPARI 12 . PRASHANT BABURAO KHARAT	202241026584
ECO-FRIENDLY AND COST-EFFECTIVE PANELS FOR SMART GRIDS FROM SPATIOTEMPORAL OPTIMIZATION OF CHARGING E-VEHICLES	1. Dr. N M G KUMAR 2. Mr. GOKUL RAM THANGAMANI 3. Mrs. K. YAMUNA 4. Ms. A.VASANTHI 5. Dr. M.VIJAYAKUMAR 6. Mr. V.M. JOTHIPRAKASH	1 . Dr. N M G KUMAR 2 . Mr. GOKUL RAM THANGAMANI 3 . Mrs. K. YAMUNA 4 . Ms. A.VASANTHI 5 . Dr. M.VIJAYAKUMAR 6 . Mr. V.M. JOTHIPRAKASH	202241030671
INTERNET OF THINGS (IOT), AI, WSN BASED ELECTRONIC-SHOPPING CART SYSTEM USING MACHINE LANGUAGE ALGORITHMS	1. Dr.S.Selvakani 2. Mrs. K Vasumathi 3. Dr.S.Sathappan 4. Dr Aswini.J 5. Dr. Jayanta Chakraborti 6. Dr. Algubelly Yashwanth Reddy	1 . Dr.S.Selvakani 2 . Mrs. K Vasumathi 3 . Dr.S.Sathappan 4 . Dr Aswini.J 5 . Dr. Jayanta Chakraborti 6 . Dr. Algubelly Yashwanth Reddy	202241020760

	7. Dr. Shantanu Pandurang Kanade 8. Dr. Shweta Rani 9. Dr. Md Ilyas 10. Mr. Vishal Warikoo 11. Mr.Raja Raju 12. Dr.Reshma V.K	7 . Dr. Shantanu Pandurang Kanade 8 . Dr. Shweta Rani 9 . Dr. Md Ilyas 10 . Mr. Vishal Warikoo 11 . Mr.Raja Raju 12 . Dr.Reshma V.K	
WASTE PLASTIC AND KITCHEN CONVERT INTO AN ENERGY.	1. KSRM College of Engineering(A) 2. C Aruna 3. J. Navya Charitha 4. Dr. M V Rathnamma 5. Dr. V Venkata Ramana 6. Dr. N. Amaranatha Reddy 7. Dr. I. Srinivasula Reddy 8. Dr. A.V.Sriharsha 9. Ms. KURAKU NIRMALA	1 . KSRM College of Engineering(A) 2 . C Aruna 3 . J. Navya Charitha 4 . Dr. M V Rathnamma 5 . Dr. V Venkata Ramana 6 . Dr. N. Amaranatha Reddy 7 . Dr. I. Srinivasula Reddy 8 . Dr. A.V.Sriharsha 9 . Ms. KURAKU NIRMALA	202241016690
A MACHINE LEARNING BASED SYSTEM FOR PROVIDING A BIOMEDICAL USER INTERFACE	1. Dr.M.V.P.Chandra Sekhara Rao 2. Dr. Ch. Sudha Sree 3. Dr.Mukta Jagdish 4. Dr.Sirisati Ranga Swamy 5. Dr.M.Sunil Kumar 6. Mr.Ravi Soni 7. Dr.Raghavender K.V 8. Dr. Phani Praveen Surapaneni 9. Mrs.S.Sindhura 10. Dr.Pambala Nageswara Rao	1 . Dr.M.V.P.Chandra Sekhara Rao 2 . Dr. Ch. Sudha Sree 3 . Dr.Mukta Jagdish 4 . Dr.Sirisati Ranga Swamy 5 . Dr.M.Sunil Kumar 6 . Mr.Ravi Soni 7 . Dr.Raghavender K.V 8 . Dr. Phani Praveen Surapaneni 9 . Mrs.S.Sindhura 10 . Dr.Pambala Nageswara Rao	202241011172
MONITORING AND ALERTING OF ILLEGAL DEFORESTATION USING INTERNET OF THINGS AND DRONES	1. Dr.K.Kannan 2. Dr. Vaishali Wadhe 3. Dr.V.Dinesh Kumar 4. I. Jeya Daisy 5. V.Manimekalai 6. Dr.R.Thiagarajan 7. Dr.R.Chithra 8. Dr.D.Beulah David 9. Dr.Sheshang Degadwala	1 . Dr.K.Kannan 2 . Dr. Vaishali Wadhe 3 . Dr.V.Dinesh Kumar 4 . I. Jeya Daisy 5 . V.Manimekalai 6 . Dr.R.Thiagarajan 7 . Dr.R.Chithra 8 . Dr.D.Beulah David 9 . Dr.Sheshang Degadwala	202241010623
ECONOMIC AND ENVIRONMENTAL CONTROLS FOR SMART GRIDS FROM SPATIOTEMPORAL OPTIMIZATION OF ELECTRIC VEHICLE CHARGING	1. Dr. N M G KUMAR 2. Dr. S.SIVAGANESAN 3. Mr. T.SATHESH KUMAR 4. Er. M.GUNASEKARAN 5. Dr. UMAVATHI M 6. Dr. A.PURUSHOTHAMAN 7. Mr. A.ABDUL HAYUM 8. Mr. A.VIDHYASEKAR 9. Dr. AJAY SINGH YADAV 10. Dr. R. VENKATASUBRAMANIAN	1 . Dr. N M G KUMAR 2 . Dr. S.SIVAGANESAN 3 . Mr. T.SATHESH KUMAR 4 . Er. M.GUNASEKARAN 5 . Dr. UMAVATHI M 6 . Dr. A.PURUSHOTHAMAN 7 . Mr. A.ABDUL HAYUM 8 . Mr. A.VIDHYASEKAR 9 . Dr. AJAY SINGH YADAV 10 . Dr. R. VENKATASUBRAMANIAN	202241001294
INTELLIGENT VOTE CASTING METHOD TO PREVENT THE FAKE	1. Dr. M. I. THARIQ HUSSAN 2. RAVULA ARUN KUMAR 3. KURAKULA ARUN KUMAR	1 . Dr. M. I. THARIQ HUSSAN 2 . RAVULA ARUN KUMAR 3 . KURAKULA ARUN KUMAR	202241000543

VOTING AND IMPLEMENTATION OF AUTOMATED POLLING SYSTEM USING RASPBERRY PI	4. Dr. P. NAMRATHA 5. Dr. T. CHARAN SINGH 6. IDIMADAKALA MADHAVILATHA	4 . Dr. P. NAMRATHA 5 . Dr. T. CHARAN SINGH 6 . IDIMADAKALA MADHAVILATHA	
IOT DRIVEN SYSTEM FOR CONTINUOUS GLUCOSE MONITORING OF SENSING BLOOD LEAKAGE IN HEALTH CARE USING MACHINE LEARNING	1. Dr. Aravind Karrothu 2. Dr. Ramachandro Majji 3. Mrs.T. Daniya 4. Dr. J. Jebathangam 5. Dr. Ch.Vidyadhari 6. Dr. K. Mekala 7. Mr. N. Vaitheeswaran 8. Dr. G.V. Sriramakrishnan, 9 . Mrs.R.P. Shanthi Rani, 10 . Dr. R.Cristin,	1 . Dr. Aravind Karrothu, 2 . Dr. Ramachandro Majji, 3 . Mrs.T. Daniya, 4 . Dr. J. Jebathangam, Vels Institute 5 . Dr. Ch.Vidyadhari, 6 . Dr. K. Mekala 7 . Mr. N. Vaitheeswaran, 8 . Dr. G.V. Sriramakrishnan, 9 . Mrs.R.P. Shanthi Rani, 10 . Dr. R.Cristin,	202241070530

Journal Reviewers

Name of the Faculty	Department	Name of the journal
Dr. J. Avanija	AL& ML	• International Journal of Information Technology and Web Engineering-IGI Global
Dr. V. Vijaya Kishore	ECE	• IEEE Journal of Biomedical and Health Informatics • International Journal of Biomedical and Clinical Engineering (IJBCE) • International Journal of Biomedical and Clinical Engineering (IJBCE)
Dr. A. Balamanikandan	ECE	• Journal of wireless personal communications – Springer
Dr. H. D. Praveena	ECE	• Advances in Science, Technology and Engineering Systems Journal
Dr. K. Ramani	DS	• i-manager's Journal on Software Engineering • Journal of Advances in Information Technology. • International Journal of Information Security and Privacy (IJISP).

Dr. R. L. Krupakaran, Professor	ME	• International journal of Energy conversion (Elsevier) • International journal of Ambient energy.(Taylor and Francis) • International journal of fluid mechanics and thermal sciences. (Elsevier) • Sustainable Energy Research (springer Nature)
Dr. T. Hariprasad, Professor	ME	• Energy, Publisher: Elsevier • Materials Today: Proceedings, Publisher: Elsevier • Materials Research Innovations Publisher: Taylor and Francis
Dr. N. Manikandan, Professor	ME	• International Journal - International Journal on Interactive Design and Manufacturing • Biometics • International Journal of Materials Engineering Innovation • International Journal - Archives of Civil and Mechanical Engineering
Dr. R. Ramesh, Professor	ME	• International Journal of Materials and Manufacturing Processes (Taylor and Francis)
Dr. P. Thejasree, Assoc. Professor	ME	• International Journal on Interactive Design and Manufacturing
Dr B. Hemanth Kumar	EEE	• IEEE Access • International Journal Of Electronics • Electrical power components and systems • International Transactions on Electrical Energy systems • IEEE Transactions on Industrial Electronics
Dr E.Parimalasundar	EEE	• IEEE Access • International Transactions on Electrical Energy Systems – Hindawi • Journal of Al-Azhar University Engineering
Dr M.S.Sujatha	EEE	• I-Manager's journal in Electrical Engineering • I-Manager's journal in Control Engineering • E-Prime- Advances in electrical Engineering, Electronics and Energy
Dr T.Devaraju	EEE	• E-Prime- Advances in electrical Engineering, Electronics and Energy • ETSAR- Engineering Technology & Applied Science Research
Dr V.Arun	EEE	• Elsevier journal in Computers and Electrical Engineering • Measurements Sensors publisher Elsevier • Electrical Engineering publisher Springer

Name of the Faculty	Department	
Dr. N. Tarakaramu	School of Sciences	- Scientific Reports (Springer Nature Journal) (SCI Journal) - Numerical Heat Transfer Part-A Applications (SCIE Journal) - Heat Transfer (Scopus) - Journal of Thermal Engineering - Journal of Systems and Information
Dr. K.Kumaraswamy Naidu	School of Sciences	- Numerical Heat Transfer Part-A Applications (SCIE Journal) - Heat Transfer (Scopus)
Dr. V. Madhu Mohan	School of Sciences	- Journal of Material Chemistry and Material Physics - Materials Today
Dr. Y.B.Kishore Kumar	School of Sciences	- American journal of materials synthesis and processing - International journal of reserch & analytical reviews
Dr. Y.B.Kiran	School of Sciences	- Science journal of chemistry - International journal of research & analytical reviews

Conference Reviewers

Name of the Faculty	Department	Name of the Conference
Dr. B. Narendra Kumar Rao	AI&ML	- An Online National Conference on Knowledge, Innovations and Technologies for Sustainability – 2022(NCKITS-22) 1st International Conference on Intelligent Healthcare and Computational Neural Modelling(ICIHCNN 2022)
Dr. G. Sunitha	AI&ML	- An Online National Conference on Knowledge, Innovations and Technologies for Sustainability – 2022(NCKITS-22) 1st International Conference on Intelligent Healthcare and Computational Neural Modelling(ICIHCNN 2022)
Dr. J. Avanija	AI&ML	- An Online National Conference on Knowledge, Innovations and Technologies for Sustainability – 2022(NCKITS-22) 1st International Conference on Intelligent Healthcare and Computational Neural Modelling(ICIHCNN 2022)

Dr. K. Reddy Madhavi	AI&ML	• An Online National Conference on Knowledge, Innovations and Technologies for Sustainability – 2022(NCKITS-22) • 1st International Conference on Intelligent Healthcare and Computational Neural Modelling(ICIHCNN 2022)
Dr. P. Dhanalakshmi	AI&ML	• 1st International Conference on Intelligent Healthcare and Computational Neural Modelling(ICIHCNN 2022)
Dr. Neelima K	ECE	• 3rd International Conference on Machine Intelligence & Smart Systems (MISS-2K23)
Dr. V. Prem Kumar	CE	• International Conference on Inter Disciplinary approaches in Civil Engineering for Sustainable development (IACESD 2023), July, 7-8, 2023
Dr. N. Manikandan, Professor	ME	• International Conference on Advanced Materials and Modern Manufacturing - ICAMMM 2022, held at Adhi College of Engineering and Technology, Kancheepuram, Tamilnadu, India
Dr. P. Thejasree, Assoc. Professor	ME	• International Conference on Advanced Materials and Modern Manufacturing - ICAMMM 2022, held at Adhi College of Engineering and Technology, Kancheepuram, Tamilnadu, India
Dr B.Hemanth Kumar	EEE	• IEEE Conference on Renewable energy and sustainable E-Mobility – 2023.

Knowledge Transfer Programs organized by the Departments

Topic	Name of the Delegate & Affiliation	Date of Event
Guest Lecture on Globalization recession impact on IT industry	Mr. Shiva Makutam, Independent Director, Bharath Earth Movers Limited, Dept of Defence productions Ministry or Defence, Govt. of India	20.01.2023
An Expert Lecture on Data Warehouses for Data Scientists	Prof. Vandrangi Ravindranath Department of Mathematics, J. N. T. University, Kakinada	12.12.2022
A Workshop on Android Application Development	Mr. P. RangaSai, Sr. Software Engineer, TCS, Bangalore	25.06.2022
Expert Lecture	Dr. A.K Damodaram, Co-coordinator, Idea Lab receiving token of Appreciation by the Dr. Latha, Pharmacy college, SVET and co-ordinator of the program	16.02.2022

I & E	Dr.A.Balaji Ganesan Dean Research, Velammal Engineering College	23.03.2022
Expert Lecture	Ms.Lavanya Maddhuri, Examiner-Patents & Designs, (Group A, Gazette), Indian Patent Office, Chennai	27.04.2022
Workshop	Mr Jyothi Prasanth, PCB Engineer, Enthus Technology	28.07.2022 to 30 .07.2022
Career Counseling	Dr. Prasad Teegalapally Professor of OB HRM National Institute of Industrial Engineering (NITTE), Mumbai, India	22.11.2022
A Five-Day FDP on Pedagogy – CE specific	1. Dr. Narendra Singh, Assistant Professor, Department of Chemical Engineering, Indian Institute of technology (IIT), Tirupati, A.P. 2. Dr. D.V.S. Bhagavanulu, Professor, Dean-IQAC & Academics, REVA University, Bengaluru.	21st & 27th July, 2022
Construction management in infrastructure aspects of METRO	Mr. J. Senthil Kumar, Sr. General Manager, AECON Pvt. Ltd., Mumbai	29.07.2022
Project Management	Dr. L. Balaji, Registered Valuer & Founder, Balaji & Associates, Madurai	30.07.2022
Environmental Management in Mines and Thermal units	Dr. N. Madhivannan, Executive Engineer, Corporate Environment cell, NLC India Limited, Neyveli	05.08.2022
Design of Offshore Structures	Mr. Satya Emani, Chief Technical Consultant, Kellogg Brown & Root Asia Pte. Ltd., Singapore	10.08.2022
Construction Management and its Career Opportunities	Mr. Manoj K. V., Project Manager and Business Developer, BAUER Group, North-East India	17.09.2022
Significance of Geotechnical Investigations in Infrastructure Aspects	Prof. Neelima Satyam, Professor, IIT Indore	27.10.2022
Ground Improvement Aspects for Different Components of Large Earth-cum-Rockfill Dams: A Case Study of Polavaram Irrigation Project	Dr. B. Janaki Ramaiah, Assistant Professor, Department of Civil Engineering, IIT-Tirupati, Tiruapti	09.11.2022
GGBS for Strong, Durable, Sustainable, & Green Concrete	Mr. K. Raghava Hari Narayana, Technical Manager,	17.11.2022

Constructions	JSW Cement Limited, Chittoor District, Andhra Pradesh	
Alumni Interaction – Higher Studies and Opportunities in Civil Engineering	Er. K Sai Kiran and Er. P. Vishnuvardhan Reddy Design Engineers, TATA Consultancy Services Ltd. (TCS), Hyderabad	02.01.2023
Sustainability and Green Buildings – Need of the hour	Dr. C. Velan, City head – Chennai operations, CapitaL and Investments and CEO of Ascendas, India	05.06.2023
Deterioration of Concrete	Dr. S.K.M. Pothinathan, Assistant Professor (Sr), Kalasalingam Academy of Research and Education, Krishnankoil	05.07.2022
Case Studies on Applications of Geosynthetics on Slope Stabilization	Dr. Sudheer Kumar Yamsani, Assistant Professor, Dept. of Civil Engineering, NIT-Warangal	01.10.2022
Foundation Analysis using STAAD Pro	Dr. K. Arun Kumar, Associate Professor, Mangalam College of Engineering, Kottayam, Kerala	23.11.2022
Orientation in Geopolymer Concrete – A Innovative Approach	Mr. P. Manikandan, Assistant Professor(Jr), School of Civil Engineering, VIT Chennai	02.12.2022
Recent Innovations in Concrete Technology	Dr. A. Suresh Kumar, Assistant Professor & Head, School of Civil Engineering, Sree Ranganadhar Institute of Engineering and Technology, Coimbatore	09.12.2022
Career Opportunities in Data Analytics	Ms. P. G. Saranya, Software Engineer, Infosys Ltd, Bangalore	28.11.2022
Fundamentals of Microsoft Azure	Mr. U. Sandeep Reddy, Application Developer, IBM, Bangalore	07.07.2022
SAP LABS	Mr. D. Pavan kumar ,Senior Developer, , Bangalore and Mr. Trilok, Software Engineer-II, Microsoft, Hyderabad	25.07.2022
AWS Cloud Fundamentals	Mr. C.H. Gopi Raju, Technical Skill Trainer, Annapoorna Info Tech, Vijayawada	22.06.2022
Programming with Android	Mr. S. Rajesh Reddy, Senior Consultant, Deloitte, Bangalore	2.05.2022
Cloud Platform Services	Mr. S. Muralidhar Reddy, Data Analyst, KPMG Global Services, Bangalore.	11.05.2022
Real Time Applications of Machine Learning	Dr. Humera Khanam, Professor, S. V. U. College of Engineering, Tirupati	8.4.2022
Internet of Things- Reality and	Dr. Koppala Guravaiah, Asst. Professor,	8.3.2022

Applications	IIIT,Kottayam,kerala	
SDP on Machine Learning using Python	Mr. Ch. Gopi Raju, Technical Trainer, APSSDC	21.03.2022 to 26.03.2022
"PREPARATION GUIDANCE FOR IELTS"	Mr. K. Siddartha, Software Engineer, Infosys, Bangalore	17.06.2022
"Programming with Python"	Mr.K.Ravi, Software Engineer, Deloitte Bangalore.	04.11.2022
Guest Lecture on "CAREER GUIDANCE"	E.DHEERAJ, Alumni	16.08.2022
Amazon Web Services	Ms. D. Manasa, Software Engineer, Catalog Lead , Bangalore	28.11.2022
Awareness on Higher Education	Ms. Sharanya, Management Consultant, Accenture, Bangfalore	29.11.2022
Innovative Techniques for Cyber attacks	Ms. Manasa Lakshmi, Sr. Security Analyst, Cyber Hat Solutions, Hyderabad	06.09.2022 and 07.09.2022
Job opportunities in Cloud Computing	Ms. Sowmya, Software Developer, Infosys, Bangalore	05.11.2022
SpringBoot	Mr. S.Amareswara Varma, Software Developer, Simplify3X, Bangalore	22.11.2022
Job Opportunities on Cloud Technologies	Mr. Narshimha sai, Software Engineer, Envestnet,Banglore	15.10.2022
Tips for campus placement selection	Ms. Pragathi, and Ms. Sumanjusha,	26.10.2022
Higher Education at Abroad	Mr. D. Bhanu Teja, Infosys, Bangalore	7.09.2022
Coding Techniques for Placements	Ms. G. Swetha, Software Engineer,Infosys and Ms. K. Yaseswini, Software Engineer, Wipro, Bangalore	26.09.2022
Practical Orientation on Big Data Technologies	Mr. K. Siva Rama Krishna, Sr. Developer-II, Open Access Technologies India Pvt. Ltd	27.09.2022
Overseas Education	Mr. S. Padma Kiran, Manager and Mr. Kranthi Kiran, CEO, Edge Overseas Consultancy, Vijayawada	21.09.2022
Personality Development	Dr. Asha Latha, principal, Sree Vidyanikethan Degree College, Tirupati	05.01.2022
Business Plan Preparation	Ms. Jyothsna Priya, System Analyst, TCS, Bangalore	08.01.2022
Internet of Things	Mr. B. Nagaraju and Mr. C. Srihari, Technical Trainers, APSSDC	03.01.2022 to 08.01.2022
Career Guidance and Resume Preparation	Mr. Narasimha Sai Kodavatikanti, Consultant Associate, Associate, Infor India Pvt Ltd,	14.02.2022

	Hyderabad. And Mr. Jayaram SV, Digital Specialist Engineer, Infosys, Bangalore	
Essentials on Cloud Computing	Mr. N. Vinun Kumar, System Engineer, Infosys, Hyderabad	07.02.2022
Cloud Native App Development	Mr. Srinivas Kongara, Associate Manager, Accenture, Hyderabad	25.02.2022 and 26.02.2022
Corporation Ethics	Mr. D. Uday Kiran Reddy, Senior Test Analyst, Accenture, Hyderabad	14.03.2022
Data Science and its tools	Mr. Manoj Gali, Operations Placement Head, Enter AI	23.03.2022
Saleforce Developer Catalyst Plus Trailmix	Mr. Jay Prakash, National Lead, Salesforce	12.04.2022
National Intellectual Property Literacy Week in collaboration with National Intellectual Property Awareness mission	Ms. Lavanya Madduri, and Mr. Randhir Kumar, Examiner - Patents & Designs, Indian Patent Office, Chennai	26.04.2022 to 28.04.2022
Real Time Applications in Artificial Intelligence with Hands on	Dr. J. Arun Nehru, Assistant Professor(Sr. G), Department of Computer Science and Engineering, Faculty of Engineering and Technology, SRM Institute of Science and Technology,	14.05.2022
Hands on Cyber Threats	Dr. J. Naveen, Assistant Professor(S.G),Christ University, Bangalore	14.05.2022
Preparation for Competitive Exams -IELTS	Mr. T. Sai Narasimha, Senior System Engineer, Infosys, Hyderabad	27.05.2022
How to build Your AR effect using Spark AR	Mr. Lakshit Pant, AR Creator, Reskill-Spark AR, Bangalore	24.06.2022 to 25.06.2022
Duolingo Entrance exam for Masters in Abroad	Ms. B. Prathyusha, Software Engineer, Infosys, Hyderabad	20.08.2022
Cyber Security Essentials	Mr. Santosh Chaluvadi, Supraja Technologies, Vijayawada	05.07.2022
Art of Harnessing Mind power by ISCON	A seminar on Art of Harnessing Mind power by ISCON	14.12.2022
Amazon Web Services in association with Brianovision	Brainovision	22.08.2022 to 27.08.2022
One day staff development programme on "Microscopy"	--	19.11.2022
One week Faculty Development Programme on "Contemporary Practices in 3D Printing Technology"	1. Dr. M. Ravi Sankar, Associate Professor, IIT Tirupati Mr. I. Solomon, Engineer, Make3D.in, Surat, Gujarat.	16.09.2022 to 22.09.2022

Event	Speaker	Date
Awareness Programme on "Happy Healthy parents make Happy Healthy Children"	Dr. SathishBilla, Kamakshi Hospital, Reddy & Reddy Colony, Tirupati	23.07.2022
Webinar on "Data Technology in Manufacturing was a great opportunity"	Dr. Amitabh Chaturvedi, Founder and Director, Innova Point Infotech Pvt. Ltd., Bangalore	12.05.2023
An Awareness Program on "Intellectual Property Rights (IPR) with Special Emphasis on Mechanical & Civil Related Inventions"	Mr. Randhir Kumar, Examiner of Patents & Designs (Group 'A' Gazette)	20.04.2023
One day online Webinar on "Data Analytics in Manufacturing"	Dr.J.B.Simha, Industry Consultant	19.04.2023
One day Workshop on "Career Development in Mechanical Engineering"	Dr. Mamilla Ravi Sankar, Assoc. Professor, Indian Institute of Technology, Tirupati	18.04.2023
Workshop on "Skill Enhancement training on Robotics"	--	13.04.2023
Two day Workshop on "Snap Maker 3 in 1 Machine"	Mr. ChetanKadam, Service Engineer, 3IDEA Technology LLP, Mumbai	11.01.2023 to 12.01.2023
One day workshop on "Wood carving"	Mr. VinodTawar, Installation and Training Engineer, SIL Ltd, Pune	25.11.2022
Webinar on "Career Opportunities for Mechanical Engineering Graduates"	Mr. S. ManimohanTrinath, GATE/ESE Freelance Trainer, Hyderabad	08.12.2022
One day Seminar on "Personality Development"	Mr. Gnan Kumar, Life Coach & Entrepreneur, ShryrasIskcon Youth Forum, Tirupati	15.12.2022
Three day Training Programme on "CNC Wood Router"	Mr. Malay Mandal, Installation Engineer, Suresh Indu Lasers Pvt. Ltd., Pune, Maharashtra	03.11.2022 to 05.11.2022
CAMS Inauguration Programme	Mr. D. Krishnan, Plant Head from SIBAR Auto Parts Ltd., Tirupati	19.10.2022
One day workshop on "Laser Cutting Machine"	Mr. Waseem, Service Engineer from SIL Pvt. Ltd., Pune	15.10.2022
Alumni meet on "Managing Procrastination for a successful career in Aviation Industry"	Mr. S. Bharath Reddy, Design Engineer, Capgemini-Airbus and Alumni of Mechanical Engineering, SreeVidyanikethan Engineering College, Tirupati	08.10.2022
Talk on "Institutional support for Innovative Projects"	Dr. K. B. Sachidananda, Assoc. Professor &Programme Convener, Department of Mechanical Engineering, SVEC	10.09.2022

An Internship Programme for 40 hours on "Computer Numerical Control High Speed Precision Tooling and Machining" organized by Micromachining Research Centre in association with R.V. Machine Tools	Mr. S. Prabhakaran, Application Engineer, R. V. Machine Tools, Coimbatore	08.08.2022 to 07.09.2022
Webinar (Virtual mode) titled "Industrial Automation & Robotics" JSS Academy of Technical Education, Bengaluru in association with NIT Warangal	Dr. P. Chandra Sekhar Director, 7S Technologies, Hyderabad	05.08.2022
An Awareness and Intervention Programme on "Fire safety and prevention"	Mr. Kiran Kumar Reddy, Asst. District Fire Officer, Tirupati (Urban).	14.07.2022
Prospects & Challenges in Renewable Energy	Dr. A. Ramanjaneya Reddy, Officer on Special Duty, New & Renewable Energy Development Corporation of Andhra Pradesh Ltd (NREDCAP), S. V. University – Tirupati	20.08.2022
Carrier guidance on Challenges and opportunities in the core sector.	A. R. Hitesh, Developer, KPIT Technologies, Bangalore.	06-08-2022
Carrier guidance on Recent Developments and opportunities in EV industry	M. Venkatesh, Associate Software Engineer, AVIN Systems and Auto motives, Bangalore.	05.08.2022
Electrical and Electronics systems in Vehicular Technology	Mr. Guravaiah Yalanati Manager, Product Development, Powertrain Electrical & amp; Electronics PSA Avtec Powertrain Pvt Ltd. Stellantis, Hosur	17.09.2022
3I – Ideation, Innovation, and Incubation"	Mr. Raja Suresh, Chairman & Managing Director, Ekalavya Innovative Solutions Pvt. Ltd., Tirupati	07.12.2022 to 09.12.2022
Technological Innovations in Electric Vehicle	Mr. M. Mahesh Patil, India head, Amphenol	19.11.2022
Multilevel Inverters for Renewable Energy Systems	K. Harish, Ph.D. Scholar, IIT Roorkee.	10.12.2022
Concept to FAT of Vision-Based Medical Implant System with feedback using ML (A Model-Based	Prof. Ravindra Thamma, Professor & Department Chair, Applied Innovation Hub, Central Connecticut State University, New Britain, United States	29.12.2022

Approach)		
Advanced Energy Management Strategies for Fuel Cell Vehicles	Prof. Nicu Bizon University of Pitesti, Faculty of Electronics, Communication and Computers, Pitesti, Romania	30.12.2022
The Core of Emerging and Using Artificial Intelligence Approaches	Prof. Tarik A. Rashid Computer Science and Engineering Department University of Kurdistant Hewler, KR. Iraq	31.12.2022
Importance of IEEE Organizational and Societal Memberships	Sankar, Retd Professor, JNTUCEA, Anantapuramu, Andhra Pradesh	09.02.2023
Women in Leadership	Dr. G. Sree Lakshmi, Professor, Department of EEE, CVR College of Engineering, IEEE- WIE chair, Hyderabad	13.02.2023
Effect of Hormonal imbalance on Women's Health and Fitness	Dr. Sandhya Jampala, MD (OBG) JIPMER, Gynecologist, Professor, Govt. Medical College, Anantapur	14.02.2023
How to beat your Stress	Ms. Kranthi Yerramsetty, State coordinator, Faculty, the Art of Living International Center, Bangalore	15.02.2023
Women Innovation and Entrepreneurship	Dr. V. Nagalakshmi, Entrepreneur, Managing Director- IMIS Pharmaceuticals at Vijayawada.	15.02.2023
Reshaping Gender Attitudes to promote Gender Equality and Women Empowerment	Dr. B. Prasanna Kumari, Director, Kuttukaran Educational Institutions, Cochin, Kerala	17.02.2023
A skill development program on competitive coding	K. Sandhya Reddy, Cofounder and Technical Director, Talentio Academy, Hyderabad	27.03.2023
National Skill Development Program on Python"	Eminent Persons from APSSDC	27.03.2023 to 08.03.2023
Industry expert lecture on present job opportunities in electrical companies like ABB, GE, L&T, Amaron etc.	Mr N. Tulasi Kumar, Senior Manager, Battery Energy Mangement section, Karakambadi, Amaron Batteries Pvt LTd, Tirupati.	07.05.2023
Recent Trends in Solar Powered Agro-Appliances	Dr. A. Ramanjaneya Reddy, Officer on Special Duty, New & Renewable Energy Development Corporation of Andhra Pradesh Ltd (NREDCAP), S. V. University – Tirupati	10.05.2023

Industry expert lecture on the importance of learning of latest technologies useful in upgrading of job life	Mr M. Bharath, Senior Software Engineer, Wipro Technologies, Hyderabad.	20.05.2023
Guest Lecture on Career opportunities through GATE exam	Mr Rajasekhar, Research Scholar, IIT Goa	21.07.2023
Initial Confronts at software for Electrical Graduates	Ms S. Harika, Wipro Technologies, Hyderabad.	27.07.2023
Workshop on Communication for Professionals	Dr. Z. N. Patil Professor EFLU, Hyderabad	23-07-2022
Faculty Development Program of Writing Research Papers	Dr. C. Vijaya Kumar Assistant Professor BITS, Pilani	11-01-2023
Guest Lecture on Global climate Changes- A future perspectives	Dr. M. Venkat Ratnam Scientist, NARL	28-02-2023
Competitive programming and employability	Rachitha Rai	May 23rd 2022
Faculty Development program Azure,ai services and Certification Tracks.	Microsoft	March 26th 2022
Oracle PL/SQL	Ms. A. Vijayalakshmi	March 14th 2022
One week workshops on python programming	SCRS	April 25th – 30th 2022
Winding paths to Data Science	Ms.Bhagya sree kanuparthi Mr.Manoj G	April 13th 2022
Awareness Program on Cybersecurity.	Mr. shreeram Teja	December 8th 2022
Seminar on python &django	Mr.B.Praveen kumar reddy	February 26th 2022
Dark Net & OSINT	Mr.B Y Amith Kumar Dr.R Lakshmana Kumar	June 4th 2022
Dark Net & OSINT	Mr.B Y Amith Kumar	June 4th 2022
Expert Lecture On Innovative practices and Trends in Process Automation	Ms. A. Vijayalakshmi	15th June 2022
A webinar on Silicon Valley 4 u for Entrepreneurs.	Mr.B.Praveen kumar reddy	28th April 2022

One month Internship programme on "Casting Process and Technics"	Mr. D. Krishnan, Plant Head from SIBAR Auto Parts Ltd., Tirupati	19.10.2022 to 19.11.2022
Internship Programme on "CNC Programming and Machining & CAM Express"	Mr. Sanjamala Rafi, APSSDC CNC Trainer	01.08.2022 to 30.09.2022

Center of Excellence

Recognizing the importance of specialized research infrastructure, MBU established six advanced research centers during this academic year

1. **Micromachining Research Center**: This center focuses on micro-manufacturing technologies, providing state-of-the-art facilities for research in precision engineering and nanotechnology. The center aims to develop innovative micromachining techniques with applications in various high-tech industries.

2. **Cryptography and Information Security Research Center**: In response to the growing importance of cybersecurity, this center is dedicated to research in cryptography and information security. It aims to develop advanced cryptographic algorithms and security protocols to protect data in an increasingly digital world.

3. **MEMS Research Center**: The Micro-Electro-Mechanical Systems (MEMS) Research Center is dedicated to the study and development of MEMS technologies. The center supports research in sensors, actuators, and microsystems, with applications ranging from healthcare to consumer electronics.

4. **Center for Communication & Signal Processing**: This center focuses on advanced research in communication systems and signal processing techniques. It aims to develop innovative solutions for improving the efficiency and effectiveness of communication networks and signal processing applications.

5. **Center for VLSI & Embedded Systems**: Dedicated to research in Very-Large-Scale Integration (VLSI) and embedded systems, this center aims to develop cutting-edge technologies in semiconductor design, embedded systems, and related areas, fostering advancements in electronics and computing.

6. **Center for Pharmaceutical Sciences Research**: This center supports research in pharmaceutical sciences, aiming to develop new drugs, drug delivery systems, and therapeutic methods. It focuses on addressing critical health challenges and improving healthcare outcomes through innovative pharmaceutical research.

The R&D activities at MBU for the year 2022-23 reflect unwavering commitment to excellence in research. The substantial funding from government and industry sources, coupled with the establishment of specialized research centers positions MBU at the forefront of innovation and technological advancement. These achievements are a testament to the hard work and dedication of faculty and researchers. They are paving the way for continued success in the years to come. The centre is looking forward to building on this momentum, fostering more groundbreaking research, and contributing to the global scientific community.

Stanford/Elsevier Top 2% International Scientists

The Stanford/Elsevier ranking recognizes the top 2% of scientists globally, evaluating biometric data from Scopus, encompassing over 9 million researchers worldwide. This prestigious list considers 21,10,000 researchers across 22 scientific fields and 176 subfields. Notably, 4,635 Indian scientists have earned a place in this global ranking. Among them is Dr. N. Manikandan, Professor in the Department of Mechanical Engineering, Mohan Babu University who was named one of the world's top 2% scientists by Stanford University, USA, in 2023. This recognition highlights his significant contributions to research and underscores India's growing presence in global scientific innovation and excellence.

Dr. N. Manikandan
Professor, Dept. of ME.

INDUSTRY & INTERNATIONAL RELATIONS

MBU has signed MoU with the following industries/organizations to facilitate the intervention of industries in curriculum design and delivery and to support student and faculty development.

S No	Industry/Organizations	Date of signing
1	L&T Edutech	21-11-2022
2	SAP	21-11-2022
3	IBM	21-11-2022
4	Nano Chip solutions Private Limited	21-11-2022
5	Deep Engineering &technologies LLC,USA	30-12-2022
6	Sri Maruthi Hospitals, Tirupathi	01-05-2023
7	Dr Agarwal Health Care Limited	10-03-2023
8	Sri Balaji Medical College, Hospital and research Centre	19-10-2022
9	Sri Venkateswara Institute of Medical Sciences,Tirupati	08-02-2023

MBU has entered into MoU with the following foreign universities to offer joint academic programs for students and to facilitate faculty exchange programs, joint research activities, and short semester programs.

S No	University	Date of signing
1	University of Wisconsin, Madison,USA	17-11-2022
2	RWTH Achen University, Germany	15-12-2022
3	University of Pitesti, Romania	21-11-2022
4	Asia University, Taiwan	26-09-2022
5	Wayne state University, USA	28-03-2023
6	Virginia Commonwealth University, USA	01-05-2023

AWARDS
&
RECOGNITIONS

Awards and recognition intensifies professional excellence and scholastic achievements. MBU nurtures a culture of excellence through its process-oriented system of awards and recognitions. It also assists in career progression of faculty members, improves access to resources, boosts job satisfaction, amplifies their impact, and contributes to the reputation of the university. Understanding the need to recognize and reward faculty members' efforts, the MBU IQAC has initiated the quarterly and yearly celebration of faculty accomplishments.

Using meetings and advertising, the categories are selected based on the extensive range of faculty-centric events. Self-nominations are called with enough time for documentation, the submitted applications is reviewed and forwarded for additional evaluation in accordance with the pre-approved guidelines. With the pre-recognized norms, a jury is called upon to evaluate the applications. Awards and recognitions are announced after three stages of screening. The winners receive the prizes on the day of celebration.

Categories

1. Best Practices in Teaching and Pedagogy Award

Best practices in teaching and education highlights the importance of making the classroom a place where students are the center of attention and where input and engagement are highly valued. Differentiated education is very important because it lets teachers use different methods to help students with different learning styles and levels. By accounting the pedagogy followed by the teacher and reflection by the students, the awardee is selected.

2. Best Event Management Award

The Best Event Management Award acknowledges exceptional accomplishments and a high level of expertise in the realm of event planning and execution. This esteemed recognition is given to individuals that showcase remarkable ingenuity, originality, and adeptness in planning events that make a lasting impression. The criteria for this award typically encompass the efficiency of event planning, flawless execution, attendee's contentment, and the capacity to surpass client's objectives.

3. Best Learning Resources Development Award

The Best Learning Resources Development Award celebrates outstanding achievements in the development and distribution of educational materials that greatly enhance the learning experience. This prestigious award is bestowed upon individuals who showcase remarkable talent and creativity in creating resources like handouts, digital content, interactive tools, and multimedia resources that cater to a wide range of learning needs. The criteria for this award are focused on the resource's effectiveness in enhancing educational outcomes, its accessibility, and its capacity to engage and inspire learners.

4. Best Innovative Idea Award

The Best Innovative Idea Award celebrates groundbreaking ideas that challenge conventional thinking and drive progress across various fields. Those who offer original ideas or inventive solutions with a high potential for influence and scalability are given this prestigious prize. In order to be eligible for this prize, the proposal must be creative, workable, and it should be able to solve urgent problems or open up new prospects.

5. Best Student Professional Society Award

The Best Student Professional Society Award acknowledges exceptional student-led societies that demonstrate exceptional abilities in promoting professional growth, community involvement, and academic achievement among its members. The criteria for this award encompass the society's capacity to coordinate influential events, offer significant resources and guidance, and active contribution to the wider community.

6. Best Cultural/Sports/Hobby/CSR Award

The honor recognizes exceptional accomplishments and valuable contributions in fostering cultural enrichment, sportsmanship, hobbies, or corporate social responsibility (CSR) within a community. This recognition is given to individuals who exhibit outstanding dedication, innovation, and influence in their respective fields. Through their expertise in various areas, recipients of this award are acknowledged for their talent in motivating and involving others. The awardee has to set a remarkable example for others to emulate, inspiring greater involvement and collaboration in these crucial domains.

7. Best Students Support Award

The Best Students Supporting Faculty Award recognizes faculty members who demonstrate exceptional commitment to promoting student's achievement and welfare. The criteria for this award encompass the faculty member's capacity to inspire and encourage students, offer individualized advice, cultivate an inclusive and supportive learning atmosphere, and contribute to the holistic growth of their students.

8. Best International Conference Organized Award

The Best International Conference Organized Award is a testament to the exceptional quality of planning and executing a conference that unites a global community of academicians, professionals, and experts. The convener of the International Conference that exhibits exceptional logistical coordination, innovative programming, and the capacity to encourage meaningful dialogue and collaboration among international participants is granted this honor. The conference's impact on its field, the quality and diversity of its speakers and sessions, attendee's satisfaction, and the successful integration of cultural and professional exchange are the criteria for this award.

9. Best FDP Organized Award

Initiatives that excel in the development and improvement of educators' skills and expertise are recognized with the Best Faculty Development Program (FDP) Organized Award. The recipients of this award demonstrate a commitment to the growth and development of academic staff, which ultimately enhances the educational experience for students and elevates the standards of teaching excellence.

10. Best National/International Hackathon/Coding Contest Award

The Best National/International Hackathon/Coding Contest Organized Award acknowledges the extraordinary efforts of organizers who organize events that challenge the limits of innovation and collaboration within the technology community. These awards recognize the impactful outcomes, seamless execution, and meticulous planning of hackathons and coding contests on a national or international scale.

Details of Awardees

Sl. No.	Category	Awardee	Achievement
1	Mentorship of Fast Learners	Dr. J. Avanija	Inspired and facilitated the participation of a substantial number of individuals who are fast learners in conferences that result in indexed publications.
2	Mentorship of Fast Learners	Dr. K. Ramani	Encouraged the fast learners to transform their project pursuits into research articles and provided guidance on how to publish in indexed conferences.
3	Best Conference paper	Dr. K. Reddy Madhavi	A groundbreaking piece of research was recently published in a prestigious conference held in London. This work represents a significant achievement and showcases the faculty's expertise in her field.
4	NEP implementation	Dr. P.V. Ramana	A seamless merging of the NEP 2020 with the contemporary curriculum of MBU to enhance the academic framework of the university.
5	Value added certification for students	Dr. V. Jyothsna	An exhausted attempt at managing and organizing the online courses provided by Coursera for MBU students.
6	Social Media Manager	Ms. D. Divya	Engages actively in promoting the university's vision and mission by advertising events on multiple social media platforms.
7	Best Innovative Idea	Dr. G. Gayathri	An innovative concept to revolutionize the fundamental technical understanding for the betterment of society.
8	Best Performer-Sports	Dr. A. Suman	A strong focus on training and encouraging students to actively participate and achieve victory in various extracurricular activities.

SPORTS AND GAMES

Students participated I the state level athletic meet secure 4 gold medal in the 4*100mts and bronze medal in the 4*400mts and 200

Volleyball team participated in the zonal level vignan University Tournament and Stood As 1st place in the kabaddi and 2nd place in volleyball.

zonal level vignan University Tournament kabaddi winner and volley ball runners

Volleyball team participated in the national level vignan University Tournament and Stood As 3rd place in the volleyball and 4*100 gold medal and 100 mts 2nd place and long jump 2nd place

Vignan University Tournament 3rd Place

Volleyball team and kho-kho participated in the national level VIT University Tournament and Stood As 2nd place in the volleyball and kho kho.

Basketball and kabaddi teams participated in the state level sanskrithi Tournament and Stood As winner's basketball.

Volleyball team participated in the national level SRM AP Tournament and Stood As runners in volleyball.

Sanskrithi Tournament Basketball Winner

Volleyball team participated in the national level MITS Tournament and Stood As winner.

Volleyball team, Football team and Athletics Teams participated in the State level IIT Tournament and Stood As winner in volleyball, Football And overall championship in Athletics

IIT Tirupati Football, Volleyball Winners And Overall championship In Athletics

INSTITUTIONAL EVENTS

Fresher's Day

The Fresher's Day program held on 06th January 2023 to welcome and introduce new students to the campus. The program was held in the presence of Dr. M. Mohan Babu, Chancellor, Mr. Vishnu Manchu, Pro-Chancellor, Prof. Nagaraj Ramrao, Vice-Chancellor, Dr. K. Saradhi, Registrar, Chief Guest Mr. Y. V. Subba Reddy, TTD Chairman & Former MP, Deans, and Head of the Departments. Chief Guest addressed the importance of education in shaping individuals and societies. He spoke passionately about the transformative power of knowledge and urged the students to cherish the opportunity of receiving education.

Dr. M. Mohan Babu, Chancellor-MBU felicitating the Chief Guest Mr. Y. V. Subba Reddy, Chairman, TTD Board

Chief Guest Mr. Y.V. Subba Reddy, Chairman, TTD Board, addressing the gathering

Annual Day

Mohan Babu University celebrates its Annual Day with great enthusiasm on March 19. This vibrant event combines the School of Engineering & Computing, School of Liberal Arts & Sciences, School of Commerce and Management, School of Pharmaceutical Sciences, School of Paramedical Allied and Health Care Sciences, School of Agriculture, and Sree Vidyanikethan College of Nursing. The celebration serves as a grand showcase of the year's achievements, presented by the Honorable Vice Chancellor, who also awards gold medals and various accolades to students excelling in academics, sports, and cultural events. The event is further enriched by esteemed personalities sharing their invaluable life experiences to inspire and motivate the students. Sri Ravisankar Guruji and Sri G. Kishan Reddy, Union Cabinet Minister, graced the occasion.

Invocation dance by MBU students on Annual day 2022

Falicitating the Chief guest Sri Sri Ravisankar Guruji by Chancellor and Pro chancellor during Annual day celebrations-2022

The Chief Guest guest Sri G. Kishan Reddy, Union Cabinet Minister presents the Gold Medal and Certificate of Merit to the students, with Pro-Chancellor Mr. Vishnu Manchu

Dr. M. Mohan Babu, Chancellor, and Mr. Vishnu Manchu, Pro chancellor with the Chief guest Sri G. Kishan Reddy, Union Cabinet Minister.

Independence Day

India's Independence Day, celebrated on August 15th, marks the nation's freedom from British rule in 1947. It is a day filled with patriotic fervor, featuring cultural programs and flag-hoisting ceremonies across the country. The occasion symbolizes India's unity, diversity, and ongoing journey toward democracy and prosperity

Mr.Vishnu Manchu , Pro-Chancellor addressing the students and staff on the occasion of Independence day

International Yoga Day

At Mohan Babu University, International Yoga Day celebrates the global recognition of yoga as a powerful practice for physical, mental, and spiritual well-being. This day emphasizes yoga's role in promoting a balanced lifestyle, stress management, and overall health. It serves as a reminder of yoga's ancient roots in India and its universal relevance across cultures and nations

Students practicing yoga on the occasion of International Yoga Day

Students practicing yoga on the occasion of International Yoga Day

Azadi Ka Amrit Mahotsav

 Mohan Babu University (MBU) celebrated Azadi Ka Amrit Mahotsav, an initiative by the Government of India to honor 75 years of independence and the rich history, culture, and achievements of the nation, with immense grandeur and enthusiasm. The celebrations saw active participation from the Chancellor, Pro-Chancellor, Vice-Chancellor, officials, faculty, staff, and students, making it a truly memorable and vibrant event.

National Science Day

National Science Day on 28th February to commemorate the discovery of the 'Raman Effect' by one of the renowned physicists of India- Sir CV Raman. The theme is 'Global Science for Global Wellbeing' for the year 2023. As a part of its enterprise to conduct a wide range of extra-curricular programs and activities to sensitize the students on social and ethical issues, the Department organized a science day on the same topic. On this occasion, the department invited **Dr. M. Venkat Ratnam, Scientist, NARL, Santi Swaroop Bhatnagar Awardee**, as the Chief guest where he delivered a talk on the topic entitled: **Global climate Changes- A future perspectives**". The program was inaugurated by Registrar, Dr. K. Saradhi, Dean, School of Engineering, Dr. B. M. Satish, Vice-Principal and Head of the Department.

Dr. M. Venkat Ratnam, Scientist, NARL, delivering a lecture

National Mathematics Day

National Mathematics Day on 22nd December to celebrate the birthday of the renowned mathematician Dr. Srinivasa Ramanujan. On the eve of National Mathematics Day, the Department organized a few events to familiarize the importance of mathematics.

Distinguished Lectures

MBU in association with ISTF (Innovation, Science and Technology Foundation), Tirupati organized distinguished lecture by The Honorable Secreterary DST, GOI and Eminent Scientist Dr. Srinivasan Chandrasekhar on 8ᵗʰ March 2023. Members from ISTF, eminent academecians including IIT, ISER Tirupati, made the august gathering for this lecture.

Dr. N. Sundararajan from NTU Singapore, and resource person Dr. B. S. Mahanand from JSSSTU, Mysuru delivered distinguished lectures on Research Methodology and Publications to the fresh research Scholars during 23-25 January 2023.

Dr. B. S. Mahanand from JSSSTU, Mysuru addressing the scholars on effective presentation of Article content

ALLIED INSTITUTIONAL EVENT

Graduation Day

Sree Vidyanikethan Engineering College celebrated 11th Graduation day on 21st August 2022. Dr. Vijay Kumar Saraswth, Member NITI Aayog & Chancellor, Jawaharlal Nehru University, New Delhi and Former Director General of the Defence Research and Development Organisation (DRDO) and Chief Scientific Advisor to the Ministry of Defence, Govt. of India was the chief guest. Hon'ble Chancellor, Mohan Babu University & Chairman of Sree Vidyanikethan Education Trust and Chancellor, Dr. Mohan Babu garu, distinguished Guest of Honour Sri. Vishnu Manchu garu, Pro Chancellor, Mohan Babu University & Chief Executive Officer, Sree Vidyanikethan Education Trust, Guest of Honour, Sri. Vinay Maheshwari garu, Executive Director, Sree Vidyanikethan Education Trust, Dr. Nagaraj Ramrao, Vice Chancellor, Registrar, Controller of Examination and Heads of the Program graced the dais and presented their report. A total of 1269 graduated from B.Tech Programs and 40 from Master of Computer Application Program.

Graduation Ceremony

Chief Guest His Excellency Sri. M. Venkaiah Naidu garu, Former Vice President of India presenting Merit Certificate to the Toppers of the Program

Hon'ble Chancellor, Mohan Babu University & Chairman of Sree Vidyanikethan Education Trust and Chancellor, Mohan Babu garu addressing the Graduates

Dr.Vijay Kumar Saraswth, Member NITI Aayog & Chancellor, Jawaharlal Nehru University, New Delhi and Former Director General of the Defence Research and Development Organisation (DRDO) and Chief Scientific Advisor to the Ministry of Defence, Govt. of India addressing the Graduates