

TECH ANANTH

... infinite technology

Volume 2 Issue XII

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Arts & Cultural Fest - 2023



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Humanity – Importance in Engineering Education

Nurturing Hearts, Crafting Engineers: Putting Humanity at the Core of Engineering Education

- Dr E Keshava Reddy

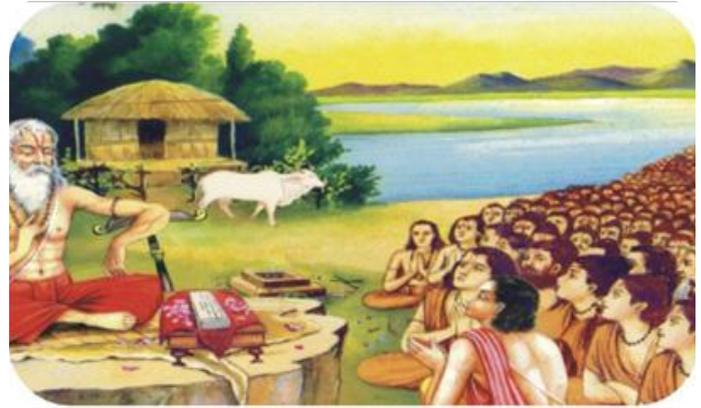
The majority of the current educational system is now skill-based. The main focus is on technology and science. But science and technology can only contribute to the methods by which one can accomplish what is deemed valuable in terms of facilities. Worth One important component of the current educational system is lacking: education. This weakness may make the majority of our efforts ineffective, and major crises are beginning to emerge on the levels of the individual, society, and environment.

Ability and values go hand in hand. Values are significance or involvement, and skills are attributes, education, and aptitude. We need both values and talents to achieve our goals. This is referred to as the value domain, or the realm of wisdom when we recognise and establish the proper objectives and create in the appropriate direction. In essence, we need to understand what is truly helpful in achieving universal happiness—happiness for everyone, everywhere, at all times.



This is referred to as a domain of skills when we study and practise in order to actualise this aim and create the procedures to make this happen in real life, in various aspects of human endeavour. As a result, for any human endeavour to succeed, values and skills must be bonded.

India's traditional educational system developed throughout time and was centred on the entire development of the person by attending to both their inner and outer selves. The system's main concerns



were the moral, physical, spiritual, and intellectual facets of life. It placed a strong focus on virtues including discipline, humility, honesty, self-reliance, and respect for all living things. The appreciation of the harmony between humans and the environment was imparted to the students. Teaching and learning were based on the principles found in the Vedas and Upanishads, which covered all facets of life and included obligations to oneself, one's family, and community. The educational system placed equal emphasis on physical growth and learning. Stated differently, the focus was on maintaining a healthy body and mind. India's educational legacy is pragmatism, attainable goals, and lifelong learning.



Engineering is a diverse and dynamic profession that involves the application of scientific principles and mathematical methods to design and create solutions to a wide range of problems. Engineers play a crucial role in shaping the modern world, contributing to the development of technology, infrastructure, and innovation. "Humanity" refers to

dynamic and evolving subjects, cultivates adaptability and a willingness to learn throughout one's career.

Leadership and Decision-Making: Humanities courses often explore leadership styles, ethical decision-making, and the human aspects of organizational behaviour. Engineers with a background in humanities are better equipped to lead teams, make ethical decisions, and navigate the social complexities of the workplace.

Institutions play a pivotal role in emphasizing humanity in engineering by shaping the education, culture, and values within the field. Institutions can integrate humanities, ethics, and social sciences into engineering curricula. Including courses on ethics, cultural sensitivity, and the societal impact of technology helps students develop a holistic perspective

and understand the broader implications of their work. Encouraging interdisciplinary collaboration between engineering and humanities departments fosters a cross-pollination of ideas. Joint initiatives, research projects, and programs enable students and faculty to explore the intersection of technology and human values. Institutions should instil a strong foundation in ethical principles within engineering education. This includes discussions on responsible innovation, environmental sustainability, and considerations of the societal impact of technological advancements. Fostering diversity and inclusion within the institution contributes to a more comprehensive understanding of humanity. Exposure to a variety of perspectives enhances creativity and problem-solving, ensuring that engineering solutions are sensitive to the needs of diverse communities.

About the Author



Prof. E. Keshava Reddy is a Professor of Mathematics at JNTUA College of Engineering Anantapur and presently serving as the Director of Evaluation at JNT University Anantapur. He has written books on Mathematics which will not only improve the knowledge of engineering students and help students to improve their research capabilities in Mathematics. His Modular Object-Oriented Dynamic learning Environment (Moodle) site is <http://keshava.moodlecloud.com> or <https://keshava.moodle.school>, through which he teaches Mathematics to B.Tech. and M.Tech. students online. He is guiding young minds to achieve their research goals in the field of Mathematics.

CONTRIBUTION OF ARTICLES TO THE E-MAGAZINE

TECH ANANTH

The members of the JNTUA fraternity all students, faculty and alumni are requested to contribute for publication in the monthly illustrated on-line e-magazine 'Tech Ananth' of the University. The members can send submission to the editorial team email id <emagazine@jntua.ac.in>. the members can send reports of important events along with photos details of achievements such as awards, prestigious assignments and funded projects, success/inspirational stories for alumni, articles on science and technology which induce technical respective fields can write to the same email id by including <career counselling request> in the subject-line of the email id. Senior professors of the University shall answer to the counselling related questions which will be published. Members contributing articles shall give their full details such as Name, Designation, College, and Department with mobile number and email ID for correspondence.

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FATHER OF INDIA'S NUCLEAR RESEARCH: HOMI JEHANGIR BHABHA

- Prof.P.R.Bhanu Murthy

Early Life and Education

Bhabha hailed from a wealthy and educated Parsi family. His early education took place at Cathedral and John Connon School in Bombay, followed by studies at the Royal Institute of Science in Bombay. In 1927, he moved to Cambridge, England, to pursue higher education at the University of Cambridge. Bhabha's academic journey was marked by brilliance, and he excelled in physics, mathematics, and engineering. During his time at Cambridge, Bhabha worked under the guidance of Nobel laureate physicist Paul Dirac. He completed his doctorate in theoretical physics in 1934, focusing on cosmic rays and their interactions with the Earth's atmosphere. This research laid the foundation for his future work and established him as a promising physicist.

Bhabha's early career saw him working in Europe, particularly at the Cavendish Laboratory in Cambridge and the Institute for Theoretical Physics in Copenhagen. His research during this period contributed significantly to the understanding of cosmic ray showers, a phenomenon in which high-energy particles from space collide with the Earth's atmosphere, resulting in a cascade of secondary particles.

It is noteworthy to quote an extract from his letter to his father, written when Bhabha was in Cambridge University. It is a beacon of light for our younger generation:

Homi Jehangir Bhabha, born on October 30, 1909, in Bombay (now Mumbai), India, was a pioneering nuclear physicist, visionary scientist, and the founding father of India's nuclear program. His contributions to the field of nuclear science and technology, as well as his role in shaping India's scientific and technological landscape, have left an indelible mark on the nation's history.

"I seriously say to you that business or job as an engineer is not the thing for me. It is totally foreign to my nature and radically opposed to my temperament and opinions. Physics is my line. I know I shall do great things here. For, each man can do best and excel in only that thing of which he is passionately fond, in which he believes, as I do, that he has the ability to do it, that he is in fact born and destined to do it ... I am burning with a desire to do physics. I will and must do it sometime. It is my only ambition. I

have no desire to be a "successful" man or the head of a big firm. There are intelligent people who like that and let them do it. ...

It is no use saying to Beethoven "You must be a scientist for it is great thing" when he did not care two hoots for science; or to Socrates "Be an engineer; it is work of intelligent man". It is not in the nature of things. I therefore earnestly implore you to let me do physics"

Bhabha had returned to India for his annual vacation before the start of World War II in September 1939. War prompted him to remain in India, where he accepted a post of reader in physics at the Indian Institute of Science in Bengaluru headed by Nobel laureate C.V. Raman. In 1940, the Sir Dorabji Tata Trust supported his experimental cosmic ray physics research with a grant. Bhabha was made a Fellow of the Royal Society in 1941, and the following year he became the first Indian to receive the Adams Prize. Soon after receiving the Adams Prize, Bhabha was also made a Fellow of the Indian Academy of Sciences and Presi-



Homi Jahangir Bhabha

the Physics section of the Indian Sciences Congress. While introducing him at the 1941 Annual Meeting of the Indian Academy of Sciences, Sir C.V. Raman described the 32-year-old Bhabha as “the modern equivalent of Leonardo da Vinci”. On 20 January 1942, Bhabha formally accepted professorship and leadership of the Cosmic Ray Research Unit.

Bhabha played a pivotal role in establishing the Tata Institute of Fundamental Research (TIFR) in Bombay in 1945. TIFR quickly became a centre for cutting-edge research in various scientific disciplines, with a particular emphasis on nuclear physics. Bhabha’s leadership and vision were crucial in shaping TIFR into a world-class institution.

One of Bhabha’s most significant achievements was the establishment of the Atomic Energy Commission of India (AEC) in 1948, with himself as its first chairman. Recognizing the potential of nuclear energy for India’s development, Bhabha worked tirelessly to build a self-reliant nuclear program. Under his guidance, India’s first research reactor, Apsara, became operational in 1956, marking the country’s entry into the field of nuclear science. Bhabha’s vision extended beyond research reactors. He advocated for

the peaceful use of nuclear energy to address India’s energy needs and improve the quality of life for its citizens. His vision for nuclear power as a clean and efficient source of energy laid the foundation for the establishment of the Bhabha Atomic Research Centre (BARC) in 1954, which became the epicentre of India’s nuclear research and development activities.

HOMI BHABHA’S VISION ABOUT SPACE RESEARCH

Homi Jahangir Bhabha played a pivotal role in laying the foundation for space research in India. His influence extended beyond fundamental research in physics and mathematics to wider areas of Indian science, including the Indian Space Research Programme. Bhabha’s close friend from the Bangalore days, Vikram Sarabhai, established the Physical Research Laboratory (PRL) in 1947 in Ahmedabad, focusing on atmospheric and geomagnetic research. After the launch of the first man-made satellite, Sputnik, in 1957, Sarabhai became interested in space research and its potential applications. He envisioned the use of satellite communications for broadcasting educational programs to rural areas and the use of remote sensing technology from space to address various national challenges. Recognizing the poten-

of space research, Bhabha decided to support Sarabhai's vision. He established a space research division under the Department of Atomic Energy (DAE) in 1961, with Sarabhai at the helm. The PRL became an autonomous institution, jointly administered by the DAE, the Government of Gujarat, and the Ahmedabad Education Society formed by Sarabhai. Bhabha provided full freedom to Sarabhai in matters of space research, and with the DAE's financial backing, the Indian space program had an energetic start. Bhabha's support and encouragement were instrumental in the early development of the Indian space program. His vision and backing helped pave the way for the use of space technology for solving real-world problems and leveraging satellite communications and remote sensing for the benefit of the nation. In summary, Bhabha's role in establishing the space research division under the DAE and his support for Vikram Sarabhai's initiatives were crucial in laying the foundation for space research in India. His foresight and influence contributed to the early successes of the Indian space program and set the stage for future advancements in space technology and applications.

HOMI BHABHA'S INTEREST IN CULTURAL HERITAGE

Apart from his contributions to science and technology, Homi Jehangir Bhabha had a keen interest in Indian culture and history. During his time in Europe, he became knowledgeable about European architecture, painting, and sculpture. Upon returning to India, he acquainted himself with classical Indian music and dance, and visited historical cultural sites such as Ajantha, Ellora, Elephanta Island, Sanchi, and Fatehpur Sikri. Additionally, he

took the time to visit historical monuments in Delhi and even sketched them. These experiences allowed him to anchor his Western and modern world-view in the rich cultural and historical heritage of India. Furthermore, Bhabha had a significant role in promoting the world of art in India. He was a patron of the arts and was instrumental in setting up the National Centre for the Performing Arts (NCPA) in Mumbai. The NCPA was established to promote and preserve Indian classical music, dance, and theatre. Bhabha was known to have a significant art collection. He bought paintings not only for his personal collection but also for the Institute. The TIFR campus was adorned with a large collection of paintings, which adorned the walls in the offices, corridors, and along the stairs. Bhabha's selection of paintings was not impulsive but a kind of team effort, and he encouraged and patronized contemporary Indian art, representing emerging trends in India.

Conclusion

Tragically, Bhabha's life was cut short when Air India Flight 101 crashed near Mont Blanc on January 24, 1966. The scientific community and the nation mourned the loss of a visionary scientist and leader. Despite his untimely death, Bhabha's legacy endured, and his contributions to nuclear science and technology have had a lasting impact on India's scientific and technological landscape. In recognition of his outstanding contributions, the Government of India has posthumously conferred the Bharat Ratna, the country's highest civilian award, on Homi Jehangir Bhabha in 1997.

About the Author



Dr. P.R. BHANU MURTHY is a Professor of Civil Engineering, at JNTUA CEA, Anantapuramu. He is a recognized Expert in the field of Traffic and Transportation Engineering in Andhra Pradesh. He delivered more than 75 invited talks on topics related to Traffic and Transportation in various Institutions and Organizations like NITW, NIT Calicut, Engineering Staff College of India (ECSI), Hyderabad, National Police Academy (NPA), Hyderabad, national Academy of Construction (NAC), Hyderabad and Central Institute of Road Transport (CIRT), Pune.

National Education Policy (NEP) 2020 Education for Sustainability

AICTE Training & Learning (ATAL) Academy Faculty Development Programme

30-10-2023 - 04-11-2023

@ JNTUA College of Engineering Ananthapuram.

-A Report by Prof. V.B Chitra, Director Women Empowerment, JNTUA.



AICTE-ATAL sponsored One-Week FDP was conducted from **30-10-2023** to **04-11-2023** at JNTUA College of Engineering, Anantapur, in which around 50 participants from different parts of the country had participated. The valedictory ceremony was conducted on **04-11-2023** from 4.00 PM onwards. The Hon'ble Vice-Chancellor of Jawaharlal Nehru Technological University, Anantapur, Prof.G.Ranga

Janardhana graced the occasion as Chief Guest. In his address, he stressed the importance of up skilling and learning about new technologies. The Registrar, JNTUA, Principal and Vice-Principal, Coordinators spoke about the usefulness of the FDP after listening to the feedback given by the participants. Participation certificates were distributed by the Chief Guest. Dr.V.B.Chithra, Professor of English & Director, Women Empowerment coordinated this program.



CANCER AWARENESS PROGRAM

Organized by

**Directorate of Women Empowerment, JNTUA, WEC JNTUACEA ,
Ananthapuram
in collaboration with**

INDIA for INDIA Foundation

@ APSWREIS (G) College Kurugunta, Ananthapuram District A.P.

on 06-11-2023 (on the eve of National Cancer Day)

TOGETHER WE ARE STRONGER

A Brief Report by Prof. V.B Chitra, Director Women Empowerment, JNTUA



An awareness program was conducted on **06-11-2023** for the girl students of A.P.S.W.R.JR. COLLEGE FOR GIRLS, KURUGUNTA ANANTAPUR on the eve of **National Cancer Day (07.11.2023)** in collaboration with an NGO India for India Foundation (R). Around 250 girl students participated. Dr.G.Renuka from GMC, Anantapur & Dr. K.Neeraja, Medical Officer, Dispensary, JNTUA CEA, Dr. V. B. Chithra, Director, Women Empowerment and Mr. Siva Kumar, NGO spoke on the occasion.





West Zone NSS Pre-Republic Day Parade Camp 2023

@ KL University, Vijayawada (A.P.)

- A report by *Dr. G. Mamatha, NSS Program Officer, NSS Unit - III, JNTUA CEA.*



01.11.2023 to 10.11.2023

In a remarkable display of dedication and enthusiasm, students from JNTUACEA Shaik Sana Anjum and Y Yamini undertook an inspiring journey as participants in the NSS Pre-Republic Day Parade Selection Camp 2023 KL University, Vijayawada. This report encapsulates the profound experiences, challenges, and triumphs of our students who engaged wholeheartedly in this transformative event, demonstrating their commitment to the principles of the National Service Scheme.

Day 1

November 1, 2023

Inception of the Expedition

The inaugural day witnessed our students embarking on a journey of significance and purpose. The morning commenced with the meticulous completion of report submissions and the submission of details for the NSS PRE-RD ID cards, underscoring the meticulousness and responsibility of our participants. As the sun set, an enthralling evening session unfolded at exactly 6:30 pm. Our revered NSS Director, Mr. Ram Krishna Muchurami, shared profound insights about the NSS PRE-RD camp. The Principal of KL University enriched the session by sharing words of wisdom and introducing distinguished personalities. Real-life narratives and motivational speeches resonated with our students, laying the foundation for a ten-day odyssey.

Days 2 to 9

November 2nd to 9th, 2023

A Tapestry of Learning and Growth

From the early morning probhat peri wake-up call at 5:30 am, our students embraced the rigors of each day with resilience and determination. Assembling at KL University Garden for chintan yoga from 6:15 to 7:30 am became a ritual that not only fostered physical well-being but also instilled discipline. The parade practices, starting at 8:30 am and facilitated by NCC candidates from KL University, were a testament to our students' adaptability and perseverance. A balance of parade drills, intellectual sessions, and cultural preparations filled each day. The intellectu-

al sessions, featuring esteemed speakers addressing motivational topics, added an enriching layer to the camp.



Day 10

November 9, 2023

A Day of Evaluation and Celebration

The much-anticipated selection day unfolded with our students showcasing their parade skills and facing interviews conducted by prominent personalities such as Sarita Patel, Samuel Challeya, and Mr. Ram Krishna Muchurami. The evening cultural program served as a celebration of diversity, where our students proudly represented their states through songs and dances. The atmosphere was charged with enthusiasm as Sir Ramakrishna Muchurami delivered a valuable speech, inspiring and guiding our students.

Day 11

November 10, 2023

Reflections, Recognition, and Certificates

On the final day, reflections on the transformative journey were shared, and motivational sessions emphasized the profound impact of discipline within NSS. Our students were recognized for their hard



work and commitment as they received participation certificates, marking the successful conclusion of the NSS Pre-Republic Day Parade Selection Camp.

NSS Pre-Republic Day Parade Selection Camp selected students are appreciated by the honourable vice chancellor Prof .G Ranga Janardana, the Registrar Prof C. Sashidhar, the Principal of the college Prof .S V Satya Narayana, the Vice Principal Prof S Aruna Kanthi, and the NSS Unit-III Program Dr G Mamatha.

Conclusion

The participation of JNTUACEA students in the NSS Pre-Republic Day Parade Selection Camp 2023 was not merely a participation; it was a manifestation of their unwavering dedication, resilience, and spirit of community service. Their exemplary representation has not only brought laurels to our

college but has also contributed to the larger NSS community. As we commend and celebrate their achievements, we anticipate that these students will carry forward the lessons learned and the spirit imbibed during this camp, becoming torchbearers of leadership, discipline, and service in their future endeavours.



NSS NEWS

Prasara Bharathi, AKASHVANI Anantapuramu, Interview

with Principal & NSS Program Officer of JNTUA CEA, Ananthapuramu

- A report by Dr. G. Mamatha, NSS Program Officer, NSS Unit - III, JNTUA CEA.



03rd November 2023

Prasara Bharathi, AKASHVANI Anantapuram has invited Prof. S. V. Satyanarayana principal of JNTUA college of engineering, Dr. G. Mamatha NSS Program officer of JNTUA college of engineering to conduct interview on “**MERI MATI MERA DESH**” campaign on 3rd November 2023.

The interview has started with main objectives and significance of MERI MATI MERA DESH campaign such as paying tribute to the martyrs, taking a pledge to serve the nation, planting, saplings, and felicitating the freedom fighters and their families.

Thereafter we discussed about activities and ceremonies that are conducted in JNTUA college of engineering at various levels, such as dedication of Shilaphalakam (memorial), taking the Panch Pran pledge, Vasudha Vandhan (planting of Amrit Vatika), Veeron Ka Vandhan (honouring the heroes), and Rashtragaan (hoisting of the national flag and singing of the national anthem). The achievements and challenges of the campaign, such as setting a Guinness world record for the maximum number of online selfies uploaded by the participants, spreading

awareness and patriotism among the people, and overcoming the difficulties posed by the Covid-19 pandemic. Every participants shown more enthusiasm to participate in this campaign and the participants shared their personal stories and experiences about the campaign, such as how they felt while taking the pledge, collecting the soil, planting the saplings, or meeting the freedom fighters and their families.

Prasara Bharathi, AKASHVANI Anantapuram broadcasted this interview on 6th November 2023. Broadcast of this event served the objective of NSS is to provide awareness on “**MERI MATI MERA DESH**” campaign.





Andhra Pradesh State Formation Day Celebrations @ JNT University Ananthapuramu.

Date: 01-11-2023

Andhra Pradesh State Formation Day celebrations were held on **01.11.2023** (Wednesday) in the administration building of JNTU Anantapur. Vice-Chancellor Prof. G. Ranga Janardana, Rector Prof. M. Vijaya Kumar, Registrar Prof. C. Sashidhar, senior officials and staff members of the university paid floral tributes to **Amara-jivi Potti Sriramulu and Telugu Thalli portraits**. Speaking on this occasion, the Vice Chancellor said that Andhra Pradesh (A.P) Formation Day is being

celebrated on November 1. He said that the birth of Andhra state took place due to the sacrifices of many people. He said that we are organizing ceremony in memory of Mahapurushudu Potti Sri Ramulu, the immortal who sacrificed his life by fasting to death for the achievement of Andhra State. Andhra Rashtram was the first linguistic state formed after independence. He said that the Andhra region, which was a part of the Madras state, was separated and formed as a separate state on October 1, 1953.



Inauguration of JNTUA CEA Barricades @ JNTUA College of Engineering Ananthapuramu.

Date: 02-11-2023

Vice Chancellor Prof. G. Ranga Janardhana inaugurated **10 barricades fabricated in the workshop** of Mechanical Engineering Department of JNTUA College of Engineering Ananthapuramu. Vice Chancellor said that these barricades were made with the old material of the mechanical engineering workshop of JNTUA College of Engineering Ananthapuramu using various facilities available in the workshop. He said that these barricades will be placed at various gates of the college, and due to this, there is a possibility of increasing the security of the college. On this occasion, the in-charge of the Mechanical Engineering Workshop and the non-teaching staff were felicitated by Vice-Chancellor Prof. G. Ranga Janardhana and Rector Prof. M. Vijaya Kumar congratulated them. In this program Prof. B. Durga Prasad, College Principal Prof. S.V. Satyanarayana, Vice Principal Prof. E. Arunakanthi,

Prof. Bhuvana Vijaya, Prof. B. Chandra Mohan Reddy, Prof. Prashanthi, Dr. Kalyani Radha, Mechanical Engineering Work Shop In-charge Dr. Om Prakash, Prof. T. Bala Narasiah, Dr. K. F. Bharathi, Dr. M. Ramasekhara Reddy, Dr. B. Dilip Kumar, Smt. B. Ajitha, Security Heads Mr. Venkatesh, Mr. Kasim, teaching and non-teaching staff and others were present.



Dr. N.Vishali, Prof. of EEE, assumes the responsibility as Director of Industrial Consultancy Services (ICS)

@ JNT University Ananthapuram.

Date: 04-11-2023

Dr. N.Vishali Professor of Electrical and Electronics Engineering of JNTU Anantapur accepted the responsibilities as Director of Industrial Consultancy Services (ICS) on **04.11.2023**. Afterwards, she spoke to Vice Chancellor G. Ranga Janardana, Rector Prof. M. Vijaya Kumar and Registrar Prof. C. Sashidhar and thanked them for entrusting the responsibilities and said that she will do her best for the development of the University. On this occasion, the Vice-Chancellor Registrar felicitated the Professor by giving bouquet of flowers. On this occasion, Directors, College Principal Prof. S.V. Satyanarayana, Prof.Prashanthi, Retd. Prof. V. Shankar, Dr. M. Ramasekhara Reddy, Dr. J. Srinivasulu, Dr. Kalyani Radha, Dr. Om Prakash, Dr. M. Anka Rao, Dr. N. Madhusudhana Reddy, ARs, teaching, non-teaching staff and outsourcing staff congratulated her.



JNTUA CEA NEWS

Celebration of Fresher's Day 2023

@ JNTUA College of Engineering Ananthapuram.

Date: 06-11-2023

JNNTUA Vice-Chancellor Prof. G. Ranga Janardhana attended the **Fresher's Day- 2023** program on **06.11.2023** in the auditorium of JNTUA College of Engineering Ananthapuram and started the program by lighting the Jyothi. After that, the Vice-Chancellor addressed the students and said that Anantapur Engineering College is a college with a history of 77 years, the students studying here are studying together without any discrimination of juniors and seniors, students are like blossoming flowers. He said that the time spent studying engineering at the student stage is very valuable, they should be well-behaved, they should constantly research new things and improve their knowledge, and students will increase their knowledge by studying together in groups instead of studying alone. He said that they should increase awareness about the latest technology and also have service quality. Later Sri P. Shankar Narayana (1970 alumnus) who was present as special guest said that he wished in future students should become job givers rather than job seekers. He said that the students should do their part for the development of everyone, and the students should study hard and reach a higher position. He said that every student should take the seniors who have studied in your college as an example. He reminded that your life is in your hands and you should try to achieve what you want. He said that students should focus on civil services. Rector Prof. M. Vijaya Kumar said that this four-year period is very valuable and advised to make use of it. Students should set a high

goal and achieve it. Students are advised to prepare themselves with regular training. On this occasion, Registrar Prof. C. Sasidhar addressed the students. College Principal Prof. S.V. Satyanarayana presided. Coordinator and Secretary Sports Council B. Joji Reddy coordinated the program. Later, prizes were awarded by the Vice-Chancellor to the winners of various sports organized on the occasion of Fresher's Day. In this program Prof. B. Durga Prasad, Prof. E. Kesava Reddy, Prof. P. Sujatha, Prof. Padma Suvarna, Prof. G.V. Subba Reddy, Prof. A. Suresh Babu, Prof. N. Vishali, College Vice Principal Prof. E. Arunakanthi, Prof. Bhuvana Vijaya, Prof. T. Bala Narasiah, Prof. S. Chandra Mohan Reddy, Dr. A.P. Siva Kumar, Dr. Lalitha Kumari, Dr. D. Vishnu Vardhan, Dr. Ramasekhara Reddy, Dr. G. Mamata, Dr. B. Dilip Kumar, Dr. Kalyani Radha, Dr. Manjula, Smt. B. Ajitha, Rtd. Prof. V. Sankar, teaching, non-teaching staff and students participated.





JNTUA Women's Tennis Team for Inter University Tennis Competitions at Jain University Bangalore

@ JNTUA CEA. Ananthapuramu.

Date: 08-11-2023

JNNTUA Women's Tennis Team under the auspices of Department of Physical Education, JNTU Anantapur Engineering College has participated in **Inter University Tennis Competitions at Jain University Bangalore from 08.11.2023 to 10.11.2023**. On the occasion of the team's departure, Vice-Chancellor Prof.G. Ranga Janardhana, Rector Prof. M. Vijaya Kumar, Registrar Prof.C. Sashidhar, College Principal Prof. S. V. Satyanarayana, Vice Principal Prof.E. Arunakanthi, Sports Council Secretary Sri Joji Reddy congratulated the team members. Ms. V. Sujatha is acting as the coach of this team.



'Intra Collegiate Sports Meet 2023'

@ JNTUA Oil Technological & Pharmaceutical Research Institute

Date: 08-11-2023

Vice Chancellor Prof.G. Ranga Janardhana was the Chief Guest and inaugurated the '**Intra Collegiate Sports Meet**' organized by JNTU Anantapur affiliated Oil Technology and Pharmaceutical Research Institute (OTPRI) on **08.11.2023**. Speaking on this occasion, the Vice-Chancellor Prof. G. Ranga Janardhana said that he especially appreciated the valuable efforts of the director of the organization Prof. B. Durga Prasad in organizing these sports festivals like never before in the history of the organization. He said that sports have a great impact in the lives of students, increase mental excitement and create healthy competition and become the stepping stones to success in the lives of the students. He said that along with technical education, talent should be shown in sports, playing sports will stimulate mental growth in students, develop social skills and communication skills, improve team work, brain will work actively, immunity will increase and concentration will increase. Registrar Prof. C. Sashidhar who came as guest of honor said that students should participate in sports along with studies that will help in physical and mental development. He said that sports give good health and energy making one strong. He said that endurance, strength, perseverance and patience can be developed by playing sports. OTPRI Director Prof. B. Durga Prasad presided over the program. A pledge was taken by the students to develop sports spirit. Vice Chancellor Prof. G. Ranga Janardhana, Registrar Prof. C. Sashidhar and OTPRI Director Prof. B. Durga Prasad started sports com-

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petitions as a gesture of peace. In this program, Head of Department Prof. A. Swaroopa Rani, University Public Relations Officer Dr. M. Ramasekhara Reddy, Principal Dr. C. Gopinath, Assistant Registrar Sri. Prabhakar, teaching, non-teaching staff and students participated enthusiastically.





Maulana Abul Kalam Azad Birth Anniversary Celebrations @ JNT University Ananthapuramu.

Date: 11-11-2023

Maulana Abul Kalam Azad birth anniversary celebrations were held in the administration building of JNTU Anantapur on **11.11.2023** (Saturday). Rector Prof. M. Vijaya Kumar and Registrar Prof. C. Sashidhar, senior officials and staff members of the university paid tributes by laying flowers at the portrait of Abul Kalam Azad. On this occasion Rector Prof. M. Vijaya Kumar Garu said that Maulana Abul Kalam Azad was the first Minister of Education of the Government of India. He served as the Education Minister in the Government of India for 11 years. **November 11** each year is celebrated as Azad Minorities Welfare Day to mark the birth anniversary of Maulana Abul Kalam Azad. In the year 1991, the Government of India honored him with the title of **"Bharat Ratna"**. His birthday, November 11, is celebrated as **National Education Day**. He said that everyone should follow in the footsteps of Maulana and adopt his unique personality, punctuality and ethical commitment.

At JNTU Anantapur College of Engineering Principal Prof. S.V. Satyanarayana paid floral tributes to Maulana Abul Kalam Azad's portrait. Registrar Prof. C. Sasidhar, Directors Prof. B. Durga Prasad, Prof. G.V. Subba Reddy, Prof. Deva Kumar, Dr. D. Vishnu Vardhan, PRO M. Ramasekhara Reddy, Head of Security Mr. Venkatesh, Mr. Achari, Mr. Rajesh, Mr. Sai Manish and outsourcing staff participated in the program.



PATENT NEWS

Prof. G. Prasanthi of JNT University Anantapur Awarded Patent for inventing "A New Method to Fabricate Different Layered AL 7075/SIC Functionally Graded Materials using Power Metallurgy Technique"

@ JNTUA College of Engineering Ananthapuramu. Date: 14-11-2023

Vice-Chancellor felicitated Prof. G. Prasanthi, Mechanical Engineering Department; JNTU Anantapur Engineering College on **14.11.2023** for achieving grant of patent at the conference hall. A patent has been granted on the topic **"A New Method to Fabricate Different Layered AL 7075/SIC Functionally Graded Materials using Power Metallurgy Technique"**. Vice-Chancellor said that every faculty member should work hard to achieve patents by conducting research on new topics. The Vice-Chancellor said that many researches are done and journals are also published under the auspices of the University. He said that this patent was filed in March 2021 and it was granted on **14.11.2023**. This research was done by research student Mr. M. Siva Surya under the guidance of Prof. G. Prasanthi. This research is particularly focused on the use of powder metallurgy products using aluminum (AL7075)/SIC material for development of vehicle brake contact. A low cost and high durability brake contact material is designed. The strength of brake contact has been tested using different thicknesses. Of these, 10 mm thickness was found successful. Prof. Prasanthi said that this material is useful for

vehicle manufacturers and consumers. Rector Prof. M. Vijaya Kumar, Registrar Prof. C. Sashidhar, Directors Prof. E. Kesava Reddy, Prof. P. Sujata Prof. N. Visali, Prof. C. Shobha Bindu, Prof. G.V. Suba Reddy, Prof. A. Suresh Babu, Prof. R. Padma Suvarna, Prof. B. Eswar Reddy, Prof. V. Sumalatha, Prof. G.V. Subba Reddy and Prof. B. Chandramohan Reddy, College Principal Prof. S.V. Satyanarayana, Prof. Chenna Reddy, Prof. Ramana Reddy, Prof. T. Bala Narasaiah, Prof. Swaroop Rani, Dr. S. Chandra Mohan Reddy, Dr. Ramasekhara Reddy, Dr. D. Vishnu Vardhan, Dr. Lalitha Kumari, and Dr. B. Dilip Kumar participated in this felicitation program.



Pandit Jawaharlal Nehru's Birth Anniversary Celebrations

@ JNT University Ananthapuramu.

Date: 14-11-2023



Pandit Jawaharlal Nehru's birth anniversary celebrations in JNTU Anantapur were grandly organized in the administration building. In this program held on **14.11.2023** (Tuesday) Vice-Chancellor Prof. G. Ranga Janardhana along with senior officials and staff members of the University laid floral wreaths and paid tributes at Jawaharlal Nehru portrait and statue in the college premises. Afterwards, in a program organized in the administration building, Vice Chancellor said that the country's First Prime Minister, Pandit Jawaharlal Nehru said that the country will develop only when the technology sector is developed. He recalled the services of Nehru. He said that everyone should walk in Nehru's footsteps, everyone should get used to his unique personality and punctuality. Registrar Prof. C. Sashidhar, University Directors Prof. E. Kesava Reddy, Prof. Shoba Bindu, Prof. P. Sujatha, Prof. N. Vishali, Prof. V.B. Chitra, Prof. A. Suresh Babu, Prof. B. Durga Prasad, Prof. G.V. Subba Reddy, Prof. R. Padma Suvarna, Prof. Chandra Mohan Reddy,

Retd. Prof. V. Sankar, Vice Principal Prof. E. Arunakanthi, Prof. T. Bala Narasaiah, Dr. T. Narayana Reddy, Dr. S. Chandra Mohan Reddy, Dr. D. Vishnu Vardhan, Dr. Ramasekhara Reddy, Dr. K. F. Bharathi, Dr. Kalyani Radha, Dr. B. Dilip Kumar, Smt. B. Ajitha, Sri. Siva Linga Rao, DR Sri N. Madhusudhana Reddy, Shi Durga Prasad, ARs, teaching, non-teaching staff and out sourcing staff participated. At JNTU Anantapur College of Engineering Principal Prof. S.V. Satyanarayana garlanded and paid tributes to Pandit Jawaharlal Nehru's picture.



Inauguration of Lift

@ JNTUA Oil Technological & Pharmaceutical Research Institute

Date: 23-11-2023

JNTU Anantapur Vice-Chancellor Prof. G. Ranga Janardhana inaugurated the **new lift at JNTUA OTPRI**, Ananthapuramu for the convenience of staff and students on **23.11.2023**. On this occasion, the Vice-Chancellor said that all the necessary facilities and facilities have been arranged for the development of the college. He said that the use of lift will save time for students and teachers for students and staff of OTPRI. In this program Rector Prof. M. Vijaya Kumar, Registrar Prof. C. Sashidhar,

OTPRI Director Prof. B. Durga Prasad, University Directors Prof. B. Eswar Reddy, Prof. N. Visali, Prof. V.B. Chitra, Prof. G.V. Subba Reddy, Prof. R. Padma Suvarna, Prof. A. Suresh Babu, HoD Prof. Swaroopa Rani, Anantapur Engineering College Principal Prof. S.V.Satyanarayana, University Engineer Mr. Aslam-Basha, OTPRI College Principal Dr. C. Gopinath, teaching, non-teaching, and support staff participated.





- A report by Dr. G. Mamatha, NSS Program Officer, NSS Unit - III, JNTUA CEA.

UTSAV, the annual cultural fest of our esteemed university College JNTUA CEA, unfolded its vibrant and eclectic celebration on the **17th and 18th of November 2023**. The two-day extravaganza showcased an array of artistic talents, providing a platform for students to exhibit their creativity and skills. The event brought together a mix of arts cultural performances, competitions, and exhibitions, creating an atmosphere of unity and celebration.

Objective of UTSAV Cultural Fest 2023:

Encourage and celebrate the diverse cultural backgrounds within the university community. Provide a platform for students to showcase their unique cultural expressions and traditions. Fostering Artistic Talents and promotes various forms of artistic expression, including music, dance, poetry, and visual arts. Provide a space for students to exhibit and develop their creative skills also Facilitate interdisciplinary engagement by incorporating a wide range of cultural and artistic activities. Encourage collaboration among students from different academic disciplines. Organising fest can building a Sense of Community Foster a sense of unity and community spirit within the university. Provide a shared platform for students, faculty, and staff to come together, strengthening the bonds within the university community.

Day 1 Highlights:

Inauguration:

The fest commenced with a grand inauguration ceremony graced by the esteemed dignitaries, including the Vice Chancellor of the university Prof.G Ranga Janardana, the Registrar Prof C Tech ANANTH Volume 2, Issue XII, Pages 40

Sashidhar, the Principal of the college Prof SV Satya Narayana, the Vice Principal Prof S Aruna Kanthi, and the Program Coordinator Dr G Mamatha. Their presence set the stage for the cultural festivities that followed.



Beat on Street & Rangoli :

The streets came alive with rhythmic beats as participants showcased their talent in this lively and engaging event, blending music and dance to captivate the audience.

Poetry:

The power of words took center stage as students recited their original poems, exploring various themes and emotions, leaving the audience spellbound.

Art from Waste & Hobby Exhibition:

Promoting sustainability, the Art from Waste exhibition showcased innovative creations made from recycled materials, emphasizing the importance of environmental consciousness. Students had the opportunity to showcase their diverse hobbies,

ranging from painting to stamp collecting, providing a glimpse into the unique talents within the university community

Music Competition:

Melodies filled the air as students competed in various musical genres, highlighting the rich musical diversity present within the university.

Skits, Folk Dance, Solo Duet Dance, and Group Dance:

The stage was transformed into a dynamic platform for theatrical performances, traditional folk dances, and mesmerizing dance duets and group performances, reflecting the diversity of cultures and dance forms.



Day 2 Highlights:

Drawing and Mehendi:

The second day kicked off with the drawing competition, where artists brought their visions to life on paper. Simultaneously, the Mehendi competition celebrated the intricate artistry of henna application.

Short Video Contest, Photography & Stand up Comedy:

Shutterbugs displayed their visual storytelling skills, capturing moments that encapsulated the essence of the fest, adding a visual dimension to the cultural celebration. The festival embraced modern storytelling with the short video contest, while the story writing competition explored the depth of literary creativity among the participants. Laughter echoed through the venue as students showcased their comedic flair, delivering rib-tickling performances in the stand-up comedy segment.

Poster Making:

Artistic expressions continued with the poster-making competition, where participants visually conveyed messages on diverse themes through their creative posters.

Fun Games for Faculty:

Faculty members joined the festivities in a light hearted manner, participating in fun games that added a touch of camaraderie and laughter to the event.

Fashion Walk:

The runway witnessed a showcase of style and elegance as students strutted their stuff in the fashion walk, displaying a fusion of traditional and contemporary attire.

Fun and Food Stall:

Running a fun and food stall is a fantastic idea of the students to engage participants and attendees there are many counters opened by the students and all the participants

Valedictory Function:

The fest concluded with a grand valedictory function, where winners were felicitated, and participants were applauded for their outstanding contributions. The dignitaries shared their words of appreciation and encouragement, marking the end of a successful celebration.



Conclusion:

UTSAV 2023 was a testament to the diverse talents and cultural richness within the university. The event not only provided a platform for students to showcase their creativity but also fostered a sense of unity and community. As the curtains closed on this memorable cultural fest, the spirit of UTSAV will resonate in the hearts of all those who contributed to and participated in this extraordinary celebration.



Alumni 1963-68 Batch Visit JNTUA CEA

Date: 17-11-2023

Alumni meeting of students who graduated from Anantapur Engineering College in the period 1963-68 was held on 17.11.2023 at NTR Auditorium, J.N.T.U. Anantapuramu. Vice-Chancellor Prof. G. Ranga Janardhana was the chief guest of this alumni gathering and inaugurated the program. Afterwards, the Vice-Chancellor said that it is our fortune to participate in such an alumni gathering, it feels like meeting with a family, and asked them to share their experiences, advice and insights with the students who are studying now. He said that the Alumni Association is the strength of the college and the suggestions of the Alumni members will be taken in the development of the University. Later the former students were felicitated. Later, Registrar Prof. C. Sashidhar spoke on the occasion and said that the former students are very important to the college. About 50 former students participated in this program. College Principal Prof. S.V. Satyanarayana presided. Alumni Mr. C.S.R. Murthy, Mr. Chiranjeevi, Mr. Ramesh, Mr. Srinivasan, Mr. N. Koteswara Rao, Sri K.V. Subrahmanyam, Sri Satyanarayana, Retd. Prof. V. Sankar, Prof. M.N. Giri Pras-

ad, University Directors Alumni Director Prof. P. Sujatha, Prof. E. Keshava Reddy, Prof. R. Kiranmayi, Prof. R. Padma Suvarna, Prof. V.B. Chitra, Prof. B. Eshwar Reddy, Prof. A. Suresh Babu, Prof. C. Shoba Bindu, Prof. G.V. Subba Reddy, Prof. A.P. Siva Kumar, Vice Principal Prof. E. Arunakanthi, Prof. H. Sudharsan Rao, Prof. Bhuvana Vijaya, HoD Dr. S. Chandra Mohan Reddy, Dr. M. Ramasekhara Reddy, Dr. K. F. Bharathi, Dr. Kalyani Radha, Dr. B. Dilip Kumar, Smt. B. Ajitha, non-teaching staff participated in the program.



Alumni 1979-83 Civil Engineering Batch Visit JNTUA CEA

Date: 25-11-2023

Old students of 1979-83 batch of Civil Engineering Department of Anantapur Engineering College held Alumni get together on 25.11.2023. Hon'ble Vice-Chancellor Prof. G. Ranga Janardhana was the chief guest and inaugurated the program. About 100 former students participated in this program. College Principal Prof. S.V. Satyanarayana presided over the program. Alumni

Prof. H. Sudarsana Rao, Sri Narayana Reddy, Sri Ananda Rao, Prof. T. Thyagarajan, Mr. Venkataramaiah, Mr. Satyanarayana, Mr. Narayana Rao and others participated. Alumni Director Prof. P. Sujatha, Vice Principal Prof. E. Arunakanthi, Retd. Prof. V. Sankar, PRO Dr. M. Ramasekhara Reddy, Smt. B. Ajitha HoD Civil Engineering Department, teaching, non-teaching staff participated.



Ashoka Plants (*Saraca asoca*) Plantation Program

@ Ajantha Hostel, JNTUA CEA Hostels
JNTUA College of Engineering Ananthapuramu.

Date : 17.11.2023

-A Report by Prof. T. Bala Narasaiah, Officer in Charge of Hostels, JNTUA CEA.



A very auspicious tree plantation programme was organized in our institute to create an awareness regarding climate change and its adverse effect on us. Hostel office, JNTUA College of Engineering Hostels organised a tree planting event on **17th November 2023** at 3 PM in Ajantha Hostel. The main purpose was to complete the planting of 30 Ashoka Plant saplings as a part of the Clean & Green Activities in the institute. The Honble Vice Chancellor was invited to be the chief guest of this event. Special Invitees for the event are **1968 Alumni batch** who are present on the day of event along with their families Registrar of the University, Principal, Vice Principal, Officer In charge of Hostels, Deputy Wardens, NSS Program officers of the college are other dignitaries to the program.

Trees are the foremost source for producing the oxygen in environment, they helps to reduce the level of Carbon di oxide (CO₂). As we all know that the whole world is facing the problem of global warming and to recover from such problem planting the trees is become one of the most important aspects

today. The tree planting program started around 3:00 PM. The first tree sapling was planted by the Honble Vice Chancellor, Prof. G. Ranga Janardhana at front side of Ajantha Hostel. The Volunteers, Hostel Staff members and students of the college were helped in sapling the Ashoka Plants. More than 30 Ashoka plants were planted in and around the Ajantha Hostel by Dignitaries present on the day of the event. Enthusiastic involvement of 1968 Alumni batch is the highlight of the program.

After planting saplings, the Honble Vice Chancellor gave a speech on why planting trees can prove to be beneficial for the environment. His speech included subjects like how human beings get ample oxygen because of trees and how cutting down trees mercilessly has impacted the environment adversely. He advised that if future generations wanted to enjoy Mother Earth's resources and privileges, then it's important that they plant and save trees. The Principal ended the event with a vote of thanks and appreciated the Officer Incharge of Hostels and Deputy Wardens and other official staff for their presence.



PIXEL - 2K23

National Level Technical Symposium

by Dept. of CSE @ JNTUA College of Engineering Ananthapuramu

Date: 25-11-2023

One-day students National Level Symposium **PIXEL 2k23** was organized under the aegis of Computer Science and Engineering Department of JNTUA College of Engineering Ananthapuramu. The symposium was inaugurated on **25.11.2023** by the Vice Chancellor Prof. G. Ranga Janardhana. Later, he said that by organizing such symposia, the students have a chance to improve their knowledge. Apart from that, he said that new technology should be introduced. Students are advised to share new ideas with their fellow students and work hard to make them into products. Students are new to the development of the college. He said that modules should be developed. Computer science students are advised to be role models for students of other disciplines. Principal Prof. S.V. Satyanarayana presided over the program and said that it is especially commendable to conduct PIXEL every year. Students should focus on big data, cloud computing and artificial intelligence. In this program Vice Prin-

icipal Prof. E. Arunakanthi, Convener HoD Dr. K.F. Bharathi, co-ordinators Prof. A.P. Siva Kumar, Dr. Jessica Saritha, Directors Prof. B Eswara Reddy, Prof. C. Shoba Bindu, Prof. A. Suresh Babu, Prof. G.V. Subba Reddy, Computer Science Dept. Faculty Prof. P. Chenna Reddy, Prof. K. Madhavi, Dr. R. Rajasekhar, College HoDs Prof. B. Dilip Kumar, Dr. M. Ramasekhara Reddy, Teaching, non-teaching staff and students participated. Quiz, paper presentation and photography were organized in this program.



Seminar

“Micro level Action Plan for NAAC Peer Team Visit to JNTUA”

@ JNTUA College of Engineering Ananthapuramu.

Date: 25-11-2023

A seminar on “**Micro level Action Plan for NAAC Peer Team Visit to JNTUA**” was organized today in the Seminar Hall of Mechanical Engineering Department at JNTUA College of Engineering by the Directorate of IQAC of JNTU Anantapur. In this meeting Vice Chancellor Prof. G. Ranga Janardhana said that everyone should work hard to achieve good grades in NAAC. NAAC recognition can enhance the quality standards of the university, he said. Various criteria in NAAC were thoroughly explained. He said that University can get good recognition with everyone’s efforts. Professor Emeritus **Dr. T. Thyagarajan**, Anna University, Chennai the keynote speaker of the program, explained how to obtain scores in various criteria. He explained the action plan to achieve these. He asked the administration and faculty to focus on teaching-learning, research, infrastructure and alumni contribution. He advised everyone to work hard

to get a good grade. Rector Prof. M. Vijaya Kumar, Registrar Prof. C. Sashidhar, IQAC Director Prof. G.V.Subba Reddy, Directors, Principals, Vice Principals of Anantapur, Pulivendula and Kalikiri Colleges, Heads of various departments, college faculty participated in this program.



Faculty Members of JNTU Anantapur promoted through CAS (Career Advancement Scheme) receive promotion orders @ JNTUA, Ananthapuramu.

Date: 25-11-2023

Faculty members of JNTU Anantapur who have been promoted through CAS (Career Advancement Scheme) received their promotion orders on 25.11.2023 from the Vice Chancellor Prof. G. Ranga Janardhana and Registrar Prof. C. Sashidhar. Members promoted from Associate Professors to Professors are Dr. K. Madhavi Department of CSE, Dr. S. Chandra Mohan Reddy ECE Department, Dr. R. Rajasekhar, Department of CSE, Dr. B. Lalita Department of CSE. Those promoted from Assistant Professors to Associate Professors are Dr. S. Aruna Masthani ECE Department, Dr. S. Taj Mehabub Department of ECE, Dr. A. Damodar Reddy Mechanical Engineering Department, Dr. S. Radhakrishna Department of CSE, Dr. G. Mamatha, Department of ECE, Dr. Aruna Department of Biotechnology, Dr. K. Aparna Department of ECE, Dr. N. Zafrunnisa Deputy Librarian. The promoted

faculty members were congratulated by Vice-Chancellor Prof. G. Ranga Janardhana, Rector Prof. M. Vijaya Kumar, Registrar Prof. C. Sashidhar, DAP Prof. V. Sumalatha, Principals Prof. S. V. Satyanarayana, Prof. R. Ramana Reddy (Pulivendula College), Prof. M. Venkateswara Rao (Kalikiri College), DR Sri. N. Madhusudhana Reddy.



STUDENT ACHIEVEMENT

Kum. D.Rama Lalithya, a student of M.Tech. CSE @ JNTUA CEA bags National Level Award

@ 8th National Nandi Puraskar, Kanipakam, Chittoor District.

Date: 27-11-2023

Kumari D.Rama Lalithya, a student of first year M.Tech. Computer Science and Engineering Department at JNTU Anantapur Engineering College bagged award at the 8th National Nandi Puraskar organized by Sri Sai Natyanjali Fine Arts Development Association in association with Ministry of Culture, Government of India and Department of Language and Culture Government of Andhra Pradesh at Asthana Mantapam of Kanipakam Varashiddi Vinayaka Temple, Chittoor District. Kum. Rama Lalithya bagged the Bala Ganapathi Natya Nandiswara Puraskar award. Kumari D. Rama

Lalithya is the daughter of Sri Babu Balaji and Kamala Balaji, the dance teachers from Dharmavaram. Kum. Rama Lalithya has achieved many awards and records. Previous awards of the student include Natya Mayuri, Nritya Sri, Natyahamsa, Nritya Meenakshi. JNTUA Vice-Chancellor Prof. G. Ranga Janardhana, Rector Prof. M. Vijaya Kumar, Registrar Prof. C. Sashidhar, College Principal Prof. S.V. Satyanarayana, Vice Principal Prof. E. Arunakanthi, Head of CSE Department Dr. K.F. Bharathi, Professors of CSE department congratulated the student and her parents.



Vice-Chancellor Prof. G. Ranga Janardhana Meets Hon'ble Governor of Andhra Pradesh Sri Justice S. Abdul Nazir @ Raj Bhavan.

Date: 28-11-2023

JNTU Anantapur Vice-Chancellor Prof. G. Ranga Janardhana made a courtesy call on Hon'ble Governor of Andhra Pradesh Sri Justice S. Abdul Nazir and discussed about the conduction of University Convocation. Vice chancellor said that Hon'ble Governor permitted for the graduation ceremony and the date of graduation ceremony will be finalized soon. Vice-Chancellor was accompanied by the Registrar Prof. C. Sashidhar.



Review Meeting on Preparedness for 13th Convocation

@ JNTUA, Ananthapuramu.

Date: 30-11-2023

Vice-Chancellor Prof. G. Ranga Janardhana conducted a review meeting on 30.11.2023 with the university authorities on the arrangements for the 13th Convocation at the Vice-Chancellor's Conference Hall. The committees, necessary arrangements and precautions to be taken to organize the 13th convocation were discussed with the officials. On this occasion, he directed the officials to take all precautions to organize the graduation ceremony without any shortcomings. Various committees were formed. Later, Finance Officer Mr. Mohammed Shirajuddin was welcomed and honored

by the Vice Chancellor. In this program Rector Prof. M. Vijaya Kumar, Registrar Prof. C. Sashidhar, Directors Prof. V. Sumalatha, Prof. E. Keshava Reddy, Prof. B. Eshwar Reddy, Prof. Durga Prasad, Prof. P. Sujatha, Prof. A. Suresh Babu, Prof. N. Vishali, Prof. Kiranmayi, Prof. R. Padma Suvarna, Prof. V.B. Chitra, Dr. M. Ramasekhara Reddy, Finance Officer Mr. Mohammed Sirajuddin, DR Mr. N. Madhusudhana Reddy, ARs Sri Nagabhushanam, Sri Murali Mohan, Sri Janardhana Reddy, Sri Sunil, Sri Raghavendra, Sri Rajesh and others participated.





◆ Events Organized during the Month of November – 2023

- MITS in Association with MITS Alumni Welfare Association organized an “**Alumni Meet 2023**” on **4th November 2023**. 197 Alumnus participated in the event.
- An Inauguration Ceremony of “**Data Oracle Club**” Organized by Department of Computer Science & Engineering - Data Science on **06.11.2023** with a chief guest Mr. PARVEZ ALAM I, Software Development Engineer at Siemens India
- An Awareness Programme on the “**Importance of foreign language education in the global scenario**” held on **7th November 2023**, organized by Department of English.
- A Quiz competition on “**Online Current Affairs**” conducted for all the management and engineering students on **08.11.23**, organized by Entrepreneurship Development Cell in association with Department of Mechanical Engineering.
- An event conducted on “**Remembrance Day of Peter F Drucker**” organized by Department of Management Studies on **18.11.2023**.
- A one-day Industrial visit to “**Krishnapatanam Port**”, Andhra Pradesh, organized by Department of Civil Engineering on **20.11.2023**.
- An Awareness program on “**Medical health insurance for Teaching –Non-Teaching Staff**” conducted on **24.11.2023**, organized by MITS.
- A one-day Industrial visit to “**National Atmospheric Research Laboratory (NARL)**” Gadanki, Pakala, Andhra Pradesh, organized by Department of Computer Science & Engineering on **24.11.2023**.
- 4 Parent Meetings were conducted by the department of CST, CSE, DS, EEE to know their children progress.

- A One-day innovation competition “**Idea-thon’23**” held on **23.11.2023**, organized by Department of Mechanical Engineering.
- A One Day Entrepreneurship development program on “**Company registration and documentations to start a new business**” organised by Department of Computer Science & Engineering on **24.11.2023**.
- A One Day Entrepreneurship Development Programme conducted on “**Company Registration and Documentation to start a new business**” organized by Dept. of Mechanical Engineering in association with IIC and on **29.11.2023**.

GUEST LECTURE

- A one-day Guest lecture on “**Enhancing Personality Skills in the Digital World**” was organized by Department of English & Foreign Languages on **02.11.2023**.
- A one-day Guest Lecture on “**Rule-based Approach for Peak Shaving with Energy Storage**” Organised by Department of Electrical & Electronics Engineering in association with: IEEE and ISTE student chapters, MITS on **02.11.2023**.
- An Alumni Guest Lecture on “**How to become SRE and Global Opportunities**”, Organised by Department of Electrical & Electronics Engineering in association with Alumni Welfare Association & IIC, MITS on **03.11.2023**.
- A one-day Guest lecture on “**Role of Optimization Techniques in Electrical Engineering**” Organised by Department of Electrical & Electronics Engineering association with IEEE and ISTE student chapters, MITS on **04.11.2023**.
- A one-day Guest lecture on “**The Seven Habits of Highly Effective People**”, Organised by Department of Management Studies in Association with Entrepreneurship Development Cell-MITS on **04.11.23**.
- A one-day Guest lecture titled “**Waste water source and characteristic impacts on environment and sustainable treatment approach**”, organised Department of Civil Engineering held on **12.11.2023**.
- A one-day Guest lecture titled “**Traffic Flow Models for Urban Roads under Indian Traffic Conditions**”, organised by Department of Civil Engineering held on **12.11.2023**.
- A one-day Guest lecture on “**Project Management Office Toolkit in JIRA Environment**”, organised by Department of Computer Science & Technology held on **15.11.2023**.

- A one-day Guest lecture on “Wood and Wood Derived Polymers for Sustainable Design of Emerging Application” organized by Department of Chemistry on 16.11.2023.
- A one-day Guest lecture on “Crafting Embedded Systems with C/ C++: Getting into Open BMC Project” organized by Department of Computer Science & Engineering in association with Institution Innovation Cell (IIC) on 16.11.2023.
- A one-day Guest lecture titled “Neural Network and Deep Learning”, organised by Department of Computer science & Engineering held on 16.11.2023.
- A one-day guest lecture titled “Soft Skills for Managers and Entrepreneurs”, organised by Department of Management Studies held on 16.11.2023.
- A one-day guest lecture on “Post Quantum Cryptography”, organised by Department of Computer science & Engineering held on 20.11.2023.
- A one-day guest lecture on “Software Product Management” on 22.11.2023 by Department of Computer Science & Engineering.
- An Alumni Guest lecture on “Challenges in Developing Mobile Apps” on 22.11.2023, organized by Department of Computer Science & Engineering.
- A one-day guest lecture on “Sustainable energy storage systems: From materials to Devices” organised by Department of Electronics & Communication Engineering held on 28.11.2023.
- A one-day guest lecture on “Employability Initiative for the Next Generation Using Business Intelligence” on 29.11.2023 by Department of Computer Science & Engineering.
- A one-day guest lecture on “Career Guidance to Core Opportunities” organised by EEE on 28.11.2023.

FACULTY DEVELOPMENT PROGRAMME:

- A Five Day FDP on “Engineering Research Application of Artificial Intelligence (AI), Machine Learning (ML), and Internet of Things (IoT) using MATLAB” was organized by the Department of Electronics & Communication Engineering from 20.11.2023 - 24.11.2023.

WORKSHOP:

- A one-day workshop on “Web Development – Front End” organized by MITS WEB CLUB in Association with Computer Society of India (CSI) held on 04.11.2023.
- A one-day workshop on “No-SQL (Mon-Tech ANANTH Volume 2, Issue XII, Pages 40

goDB) and Scalable E-commerce Solutions” organized by Department of Computer Science and Engineering (Data Science) held on 08.11.2023.

- A one-day workshop on “Image processing & Computer Vision”, organized by Department of Computer Science and Engineering (Data Science) on 17.11.2023.
- A one-day workshop “Full Stack Development” organized by MITS WEB CLUB in Association with Computer Society of India (CSI) on 18.11.2023.

WEBINAR:

- A Webinar on “Impact of Big Data on Innovation in Industry” organized by Department of Computer Science Engineering - Data Science on 01.11.2023.
- A Webinar on “Interview Skills Mastery with AI Tools”, organized by Department of Computer Science & Engineering (Data Science) on 10.11.2023.
- A one-day webinar on “Machine Learning for Mechanical Engineers” on 15.11.2023 by Department of Computer Science & Engineering.
- A webinar on “Research Opportunities in Integration of IoT and Blockchain for Smart Applications” on 22.11.2023 organised by Department of Computer Science & Engineering.
- A Webinar on “An Insight on Cyber Attacks” organized by Department of Computer Science & Engineering (Cyber Security) on 23.11.2023.

NATIONAL SERVICE SCHEME:

- An Awareness Program on “Voter Enrolment” organised by NSS cell on 23.11.2023, 200 students were participated in the program.



It is a fundamental rule of human-life, that if the approach is good, the response is good.
-Pandit Jawaharlal Nehru



◆ Unity run organized by N.S.S

◆ On the eve of birth anniversary of **“Iron man of India”, Sardar Vallabh Bhai Patel.**, a Unity run organized by NSS unit of KSRMCE to mark the occasion. The volunteers and other students in large number participated enthusiastically in the event by raising slogans in support of Unity of the country. They also took pledge on the occasion at YSR circle near the vicinity of the college. The students recalled the greatness of Sardar Patel’s vision, and they recollected the efforts of him in merging the princely states of Indian Union by several deliberations, they also felt the greatness of him in keeping unity in India, some students felt that he was the source of inspiration for the younger generations. The unity rally culminated at college.

The N.S.S Unit of KSRMCE in association with Boga Parvathamma and RIMS Kadapa organized a **Mega Blood Donation** campaign on **4.11.2023** in the college on the occasion of 3rd Remembrance of Late Sri. Kandula Sivananda Reddy, former Managing Director of the college. Around 220 members donated blood through this mega camp. Dr. K. Chandra Obul Reddy, M.D attended the programme and donated blood on this occasion.

Institution Innovation Council IIC of KSRMCE Conducted a session on **“NATIONAL ENTREPRENEURSHIP DAY”** on **09-11-2023**. National Entrepreneurs Day is an annual event occurring in the month of November that honors people who have built an empire from absolutely nothing. Radical inventions by brilliant minds have shaped the way we live today, not to mention our future.

Institution Innovation Council IIC of KSRMCE Conducted a session on **“Problem Solving and Ideation Workshop”** on **09-11-2023**. Prof. M. Venkata Narayana, Dean, CRI attended the workshop as the resource person.

KSRM CSI in association with Department of CSE and AIML organizing Guess the Gibberish Words challenge on **09.11.2023**.

The Department of Humanities and Sciences organized an event named **Vigilance Awareness Week**, say no to corruption, committed to the nation on **12.11.2023** in the Soft Skills lab. Prof. V.S.S. Murthy, Principal attended the programme as the chief guest. He presented certificates to the winners of an essay writing competition conducted on this occasion by the coordinator of the programme Dr. K. Venkata Ramana, Associate Professor. Prof. I. Sreevani, HoD, monitored this programme as the convener.

The Cultural and Festivity Club of K.S.R.M C.E organized **Diwali celebrations** on **13.11.2023** in a grand manner. Staff and students participated in the programme and performed puja. Sri. Veeresh, Asst. Professor, C.S.E Department acted as the coordinator for this programme.

Institution Innovation Council IIC of KSRMCE conducted a session on **“National Education Day”** **13.11.2023**. Dr. V.S.S Murthy, Principal; Dr. M. Venkat Narayana, Professor and Dean graced the event. Sri. K. Khasim Peera, Asst. Professor, acted as the coordinator for this event. The attendees recalled the efforts and reforms of Moulana Abul Kalam Azad on this occasion.

KSRMCE welcomes **Accenture on-campus Recruitment Drive** on **16-17 Nov 2023**. College organized this drive. Students attended the placements and got selections from different domains. .

Dr. K. Chandra Obul Reddy, Managing Director, Kandula Group of Institutions inaugurated the Simulation & Projects Lab in the Department of ECE on **17.11.2023**. Prof. V.S.S Murthy, Principal and Prof. G. Hemalatha, HoD, E.C.E Department and other staff members also participated in this programme.

Institution Innovation Council IIC of KSRMCE conducted a session on **“Exposure and field visit for problem Identification”** on **23.11.2023**. Prof. T. Kiran Kumar explained the concepts in detail.

Institution Innovation Council IIC of KSRMCE organized a three day workshop on .Net Technologies organized by CSI chapter on **25.11.2023**. Sri. K. Khaja Kizar, Asst. Professor, C.S.E Department organized this programme as the coordinator.

The Department of ECE IETE student forum organized a three day workshop on **“system designed through Verilog”** on **30.11.2023**. All E.CE. Students attended the programme. Students benefited from this programme by understanding the concepts.

Institution Innovation Council IIC of KSRMCE organized an event on **“Intra institutional idea challenge”** on **30-11-2023**. Dr. M. Venkata Narayana, Professor, guided the students well on the concepts. Students participated and benefited from this programme a lot.

News from University



1. AP Formation Day Celebrations were held at JNTUA, on **01.11.2023**, headed by Hon'ble Vice-Chancellor. The Rector, the Registrar, University Officials, staff and students attended the program.
2. Under the chairmanship of Hon'ble Vice-Chancellor, NAAC Review meeting was held through blended mode at VC's Conference Hall, Administrative Block, JNTUA on **02.11.2023**.
3. Under the Chairmanship of Hon'ble Vice-Chancellor a meeting was held at VC's Conference hall, JNTUA, **04.11.2023** in connection with surprise visits to be conducted to affiliated colleges.
4. Under the chairmanship of Hon'ble Vice-Chancellor a meeting has held at VC's Conference Hall, Administrative Block, JNTUA on **04.11.2023** in connection with inspection of colleges strictly as per norms.
5. Hon'ble Vice-Chancellor attended the meeting of all Vice Chancellors of the State via virtual mode on **07.11.2023**, hosted by The Chairman, APSCHE, Andhra Pradesh.
6. Under the chairmanship of Hon'ble Vice-Chancellor a Review meeting of ongoing civil works at JNTUA & its Constituent units, it was held at VC's Conference Hall, Administrative Block, JNTUA on **07.11.2023**.
7. Hon'ble Vice-Chancellor has met the Hon'ble Chief Minister, Andhra Pradesh at Pulivendula, YSR Kadapa Dist., on **10.11.2023** in connection with to submit the representation regarding invitation to inauguration of the new Administrative Building, JNTUA, Ananthapuramu. The Registrar, JNTUA, Ananthapuramu also accompanied the Vice-Chancellor.

8. Hon'ble Vice-Chancellor laid flowers and paid tributes to Pandit Jawaharlal Nehru on occasion of his Birth Anniversary Celebrations at JNTUCEA & Administrative Block, JNTUA on **14.11.2023**. The Rector, Registrar, Principal and Vice Principal, University Officials, teaching, non teaching and students attended the programme.
9. Under the Chairmanship of Hon'ble Vice-Chancellor a meeting was held at VC's Conference hall, JNTUA on **14.11.2023** in connection with review of surprise inspections conducted at affiliated colleges. The Registrar, Director Academic Audit, Director Research and Development, Director of Evaluation, Director of IQAC, CE and other teaching staff attended the meeting.
10. 29th Executive Council meeting of JNTUA was held under the Chairmanship of Hon'ble Vice-Chancellor through blended mode at VC's Conference Hall, JNTUA, **15.11.2023**. All the Executive Council members attended the meeting.
11. Under the chairmanship of Hon'ble Vice-Chancellor the Directors meeting was held at VC's Conference Hall, Administrative Block, JNTUA on **20.11.2023** in connection with finalization of theme for JNTUA wall calendar. The Rector, DAP, DE, DA, DICS, DAA, DR&D, DE, DSR, DFAAM, DW&E, DSDS, DIQAC, DOTPRI, Principal JNTUA CEA and Coordinator DAP attended the meeting.
12. Hon'ble Vice-Chancellor attended the Vice-Chancellors and Registrars meeting on **24.11.2023**, hosted by the Chairman, APSCHE, AP in connection with smart bridge internship proposal, talk the book and recruitment.
13. Hon'ble Vice-Chancellor met the Hon'ble Governor, Andhra Pradesh at Governor's Secretariat, Raj Bhavan, Vijayawada, Andhra Pradesh on **28.11.2023** in connection with the forth coming 13th Convocation of JNTU Ananthapuramu. The Registrar, JNTUA, Ananthapuramu also accompanied the Vice-Chancellor.
14. Under the chairmanship of Hon'ble Vice-Chancellor a meeting was held at VC's Conference Hall, Administrative Building, JNTUA on **30.11.2023** in connection with forthcoming 13th Convocation of JNTUA. The Rector, Registrar, University Officials, Principal and Vice Principals of JNTUA CEA attended the meeting.

News from Constituent Units



JNTUA CE Ananthapuramu

1. JNTUA College of Engineering conducted a program on National Education Policy 2020: Education for Sustainability under AICTE- ATAL sponsorship with Prof. B. Chitra as Convenor and Dr. G. Mamatha as Co-Convenor from **30.10.2023** to **04.11.2023** for Faculty working in different Colleges.
 2. Hon'ble Vice-Chancellor attended as a Chief Guest for valedictory program of AICTE-ATAL Sponsored one week National FDP on "**National Education Policy 2020; Education for Sustainability**", held at Seminar Hall, Mechanical Engineering Department, JNTUA CEA, on **04.11.2023**. The Registrar JNTUA, Principal JNTUA CEA, Dr. V.B. Chitra, Program Coordinator, JNTUA CEA, staff and students attended the meeting.
 3. Hon'ble Vice-Chancellor attended as a Chief Guest at Fresher's Day Program (2023 Batch) of JNTUA CEA, held at JNTUA College of Engineering Anantapur on **06.11.2023**. The University Officials, Alumni members of JNTUA CEA, Principal, Vice Principal, Staff and Students of JNTUA CEA were attended the program.
 4. Hon'ble Vice-Chancellor felicitated **Prof. G. Prashanthi**, Dept. of Mechanical Engineering, JNTUA CEA, Ananthapuramu as she got patent "**A new method to fabricate deferent layered 7075/Sic Functionally Grabbed Materials Using Power Metallurgy Technique**". The felicitation program was held at VC's Conference Hall, JNTUA on **14.11.2023**. The Registrar, University officials attended the program.
 5. JNTUA College of Engineering conducted an awareness program on IC Engines by alumni who served ISRO on **16.11.2023**.
 6. Prof. R. Srinivasan, CE, Metropolitan Water Board, Sydney, Australia, alumni of JNTUA College of Engineering has delivered lecture on "**Basic Engineering Skills for Industry to meet standards of Industry 4.0**" on **16.11.2023** for UG, PG students.
 7. JNTUA College of Engineering Anantapur organized a several programs like fashion walk, short video contest, singing contest, beat on street
- competition and group dance competition as part of "UTSAV Arts & Cultural Fest-2023" conducted on **17th and 18th November 2023**.
8. Hon'ble Vice-Chancellor inaugurated the Arts and Cultural Fest-2023 at NTR Auditorium, JNTUA Campus, JNTUA on **17.11.2023**. The Registrar, University Officials, Principal, CEA, Program Convener, 1963-68 Alumni members of JNTUA CEA, staff and students attended the program.
 9. Hon'ble Vice-Chancellor attended as a Chief Guest for Alumni Get Together, who completed their graduate studies during the period 1963-68 at College of Engineering Anantapur, JNTU. It was held at JNTUCEA on **17.11.2023**. After wards, Hon'ble Vice-Chancellor addressed the program. The Registrar, Principal CEA, Director of Alumni and Foreign Affairs, University officials also attended the program.
 10. JNTUA College of Engineering, Ananthapuramu organized a Pixel, is a National Level Technical Symposium for UG and PG students, by the Department of Computer Science and Engineering at JNTUA College of Engineering, Ananthapuramu and featured several technical competitions and activities. The event took place on **25.11.2023** and was a high-profile event that attracted students from various colleges across the country.
- Events: (1. Paper Presentation 2. Coding and quiz. 3. Cultural Events)**
11. Hon'ble Vice-Chancellor attended as a Chief Guest to PIXEL 2K23, which was organized by the Department of CSE, JNTUA College of Engineering Anantapur, held at CSE Department, JNTUA CEA on **25.11.2023**. The University Officials, Principal, Vice Principal, JNTUA CEA, HOD Department of CSE, Coordinator of the Program, Staff and Students of college attended the meeting.
 12. Hon'ble Vice-Chancellor attended as a Chief Guest for 40th Reunion Meet of 1979-83 Batch of Civil Engineering Department, College of Engineering Anantapur. It was held at Seminar Hall, Civil Engineering Department, JNTUA College of Engineering Anantapur on **25.11.2023**. The Registrar, University Officials, Principal, Vice Principal, JNTUA CEA, DFAAM and staff attended the meeting.
 13. Hon'ble Vice-Chancellor has attended as the Chief Guest for the Seminar on "Micro level action plan for NAAC Peer Team visit JNTUA" by Prof. Thyagarajan, Emeritus Professor (Former Dean, MIT Campus, Former Director-IQAC, Anna University, Chennai & NAAC Assessor), held at Mechanical Engineering Department Seminar Hall, CEA on **25.11.2023**. The Rector, Registrar, University Officials, NAAC University Criteria Faculty In charges, NAAC University coordinator, HOD's of JNTUA CEA attended the program.

News from Affiliated Colleges

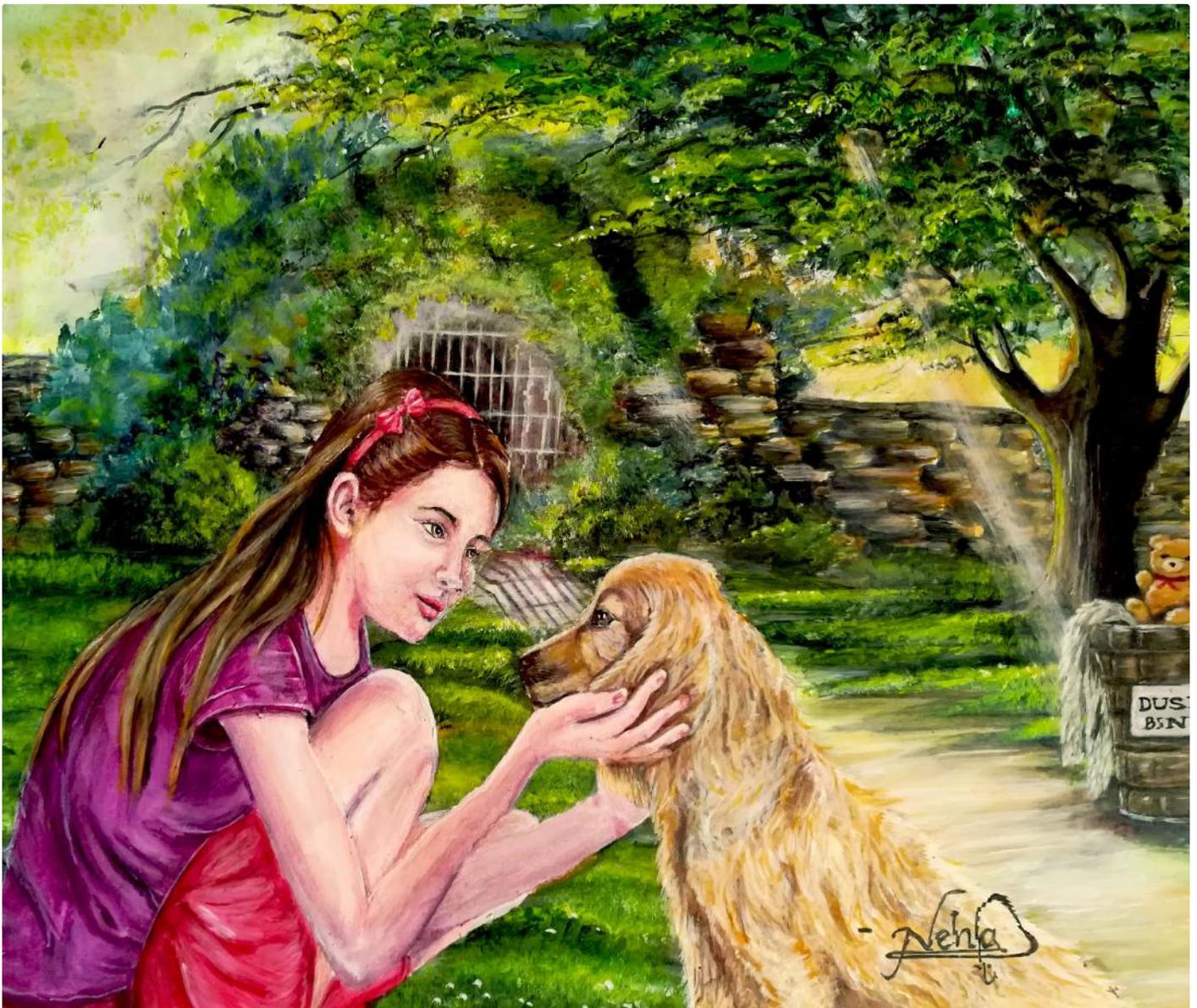


JNTUA OTPRI

1. Hon'ble Vice-Chancellor has attended as a Chief Guest at Intra Collegiate Sports Meet Inauguration at JNTUA OTPRI, Ananthapuramu, on **08.11.2023**. The Registrar, JNTUA, Director, Principal, Staff and Student of respective colleges attended the program

1. An Outreach Program was organised on Health, Safety and Environmental Management at Zilla Parishad High School, Annaswamipalle, Tirupati by NSS unit of Sree Rama Engineering College, Tirupati.

2. Hon'ble Vice-Chancellor has attended the 42nd convocation of Sri Sathya Sai Institute of Higher Learning, Puttaparthi, held at Sai Hira Global Convention Centre, Prasanthi Nilayam, on **22.11.2023**. Smt. Droupadi Murmu, **Hon'ble President of India** attended as a **Chief Guest; Sri S. Abdul Nazeer**, Hon'ble Governor of AP attended as a Guest of Honour, Sri K. Chakravarthi, Chancellor, Sri Sathya Sai Institute of Higher Learning, Deans, Staff and Students of respective Universities also attended



Acrylics painting_Message oriented: Compassion by Ms. Neha Mallika, Assistant Professor(C), Department of Chemical Engineering, JNTUA CE Ananthapuramu.

University Examination Results



Results of the semester end examinations conducted by the university declared in the month of **November 2023** are as below:

01-11-2023

Recounting results of B.Tech III Yr II (R20) Regular August 2023, M.Tech I, II & III sem Reg & Supple Sep/Oct 2023 & M.Pharm I, II & III sem Reg & Supple Sep/Oct 2023.

06-11-2023

Recounting results of B.Tech III Yr I sem (R15) Supple August 2023, B.Tech III Yr I sem (R19) Supple August 2023, B.Tech III Yr I sem (R20) Supple August 2023, MBA III sem (R21) Supple Aug/Sep 2023, MBA I sem (R21) Supple Aug/Sep 2023 & MCA I sem (R20) Supple Aug/Sep 2023.

07-11-2023

M.Sc II & III sem Reg & Supple Sep/Oct 2023.

08-11-2023

Recounting results of B.Tech II Yr I sem (R19) Supple Aug/Sep 2023 & B.Tech II Yr II sem (R19) Supple Aug/Sep 2023.

10-11-2023

Recounting results of B.Tech II Yr II sem (R20) Reg & Supple Aug/Sep 2023, B.Tech II Yr II sem (R15) Supple Aug/Sep 2023, B.Tech II Yr I sem (R15) Supple Aug/Sep 2023 & B.Tech II Yr I sem (R20) Supple Aug/Sep 2023.

22-11-2023

Recounting results of M.Tech I sem (R17) Supple Sep/Oct 2023 & M.Tech II sem (R17) Supple Sep/Oct 2023.

23-11-2023

Recounting results of M.Tech II sem (R21) Reg & Supple Sep/Oct 2023, B.Pharm II Yr II sem (R15) Supple Sep 2023, M.Pharm III sem (R17) Supple Sep 2023, B.Pharm II Yr I sem (R15) Supple Sep 2023, B.Pharm I Yr I sem (R19) Supple Sep 2023 & B.Pharm II Yr I sem (R19) Supple Sep 2023.

24-11-2023

Results of Pre Ph.D Summer Session Sep/Oct 2023, B.Pharm I Yr II sem (R19) Reg & Supple Oct 2023, Pharm.D II Yr Reg & Supple Oct/Nov 2023 & Pharm.D (PB) II Yr Reg & Supple Oct 2023

29-11-2023

Results of M.Sc IV sem Regular Aug/Sep 2023.





“ Books / Book Chapters Published ”

1. **Dr. M. Ramasekhara Reddy** faculty of JNTUA College of Engineering Anantapur published a book “**Beyond Engines: Electrical Drives Transforming Traction Landscapes**”, Scientific International Publishing House, ISBN: 978-93-5757-62-0.
2. **Mrs. R. Roopa**, faculty of Madanapalle Institute of Technology & Science published a book titled “**IOT AND ITS APPLICATIONS**” ISBN: 978-81-966857-2-0.
3. **Dr. Sundeep Kumar K**, Dr. P. Nagendra Kumar, P. Umasai Krishna and V. Gayatri faculty of Geethanjali Institute of Science & Technology published a book titled ‘**Artificial Intelligence: Principles and Applications**’, Prime International Publication, with ISBN: 9789360101459.
4. **Sri. K. Srikanth**, faculty of G. Pulla Reddy Engineering College published a book entitled “**Design and Analysis of Algorithms**”, ISBN: 9798399924427, Bookcast Publisher, 2023.
5. **Dr. A. Pedda Linga Swamy**, faculty of G. Pulla Reddy Engineering College has Published a book on entitled “**Atmospheric Trace Gases Chemistry Transport and Modeling over Semi-arid Regions in India**” with ISBN No. 978-93-5842-685-4.



“ Patents Published/ Awarded ”

1. Dr. S. Kusuma faculty of Madanapalle Institute of Technology & Science published a patent “Smart Automobile Health Diagnostic Device” on 29.11.2023, patent No. 6327951.
2. Mr. N. Komal Kumar faculty of Madanapalle Institute of Technology & Science published a patent “Smart Emotion Sensing Device” on 29.11.2023, patent No.6327952.
3. Mr. Rajkumar. G faculty of Madanapalle Institute of Technology & Science published a patent “Intelligent Tea Leaves Disease Detecting Device” on 29.11.2023, patent No. 6327994.
4. Sirisalal Chandrusha, Ghantasala Nirupama, B. Revathi, S. Saraswathi Dr.G.M.Swamy, Dr. Mohammed Zubairuddin faculty of JNTUA College of Engineering Anantapur published a patent on “Portable electric vehicle charging device” Design no.394603-001, Serial no. 147662.
5. Dr. Mekkanti Manasa Rekha, Dr. Boguda Anantharamaiah Vishwanath, Rahul Gupta, faculty of JNTUA College of Engineering Anantapur and other college faculty published a patent on “Bio-sensor Based Cancer Detection device” Application Number: 6308279.

Journal/Conference Publications

The faculty members of the University published 27 research papers and affiliated colleges have published 168 research papers in peer reviewed journals, seminars & conferences during this month.

NCC/NSS/Service Programmes

Webinars, awareness sessions, seminars, competitions were conducted by NSS units of the constituent colleges/units on the following important days in the month of **November 2023**:

1. Blood donation Camps conducted at Bheema College –Kurnool & Seven Hills College of Pharmacy & other Colleges on **02.11.2023**.
2. Prof S.V. Satyanarayana, Principal, JNTUA-CEA and Dr G. Mamata, NSS program officer given talk in Akasavani on **Mera Mati Mera Desh** on **6th November 2023**.
3. Swachh Diwali Shubh Diwali campaign (JNTUA CEA) from 06th to **12th of November 2023**.
4. World Tsunami Awareness day on **06.11.2023**.
5. A National wide campaign on Scientific Temper at Vagdevi Institute of Science on **07.11.2023**.
6. National Ayurveda Day conducted at Seven Hills College of Pharmacy on **10.11.2023**.

7. World Science Day for Peace and Development on **10.11.2023**.
8. Jawaharlal Nehru Birth Anniversary (Children's day) celebrated on JNTUA Administrative Building on **14.11.2023**.
9. World Diabetes Day conducted at Balaji College of Pharmacy, Ananthapuramu on **14.11.2023**.
10. Arts and Cultural Fest UTSAV 2023 conducted at JNTUA CEA from **17th to 18th of November 2023**.
11. National Epilepsy Day & the Blissful Life with Yoga on **17.11.2023**.
12. National Constitution Day at Bheema College –Kurnool & other Colleges on **26.11.2023**.
13. Electoral Registration Camp at S.V. College of Engineering, Kadapa on **28.11.2023**.

Projects Initiated/ completed

Department of Civil Engineering, JNTUA College of Engineering Ananthapuramu generated an amount of Rs. 1,42,235/-through Industrial Consultancy Services.

Ph.D Awarded List

Ph.D



Ph.Ds Awarded: The University has awarded Ph.D. to **08** research scholars during this month. Details are as below

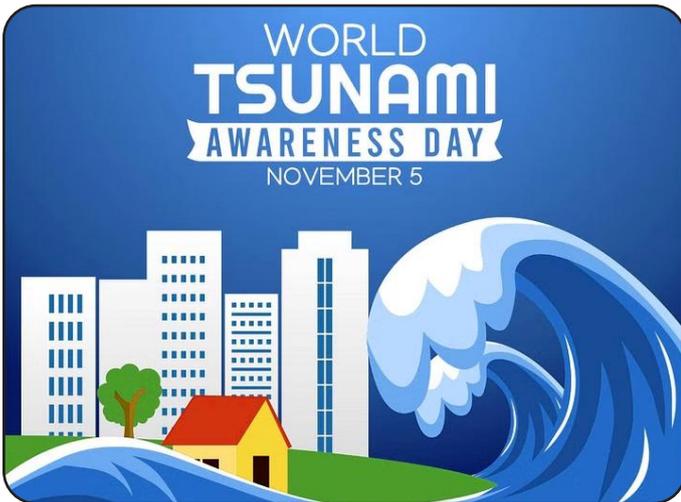
Discipline	Number of Ph.D's Awarded
Civil Engineering	01
Mechanical Engineering	02
Electronics and Communication Engineering	02
Pharmacy	01
Mathematics	01
Management	01
Total	08



Education imparted by heart can
bring revolution in the society.

-Moulana Abul Kalam Azad.

Important National & International Days in November



World Tsunami Awareness Day is observed on **November 5th** to highlight the dangers of tsunamis and to emphasize the importance of early warning systems in minimizing the damage caused by natural disasters.



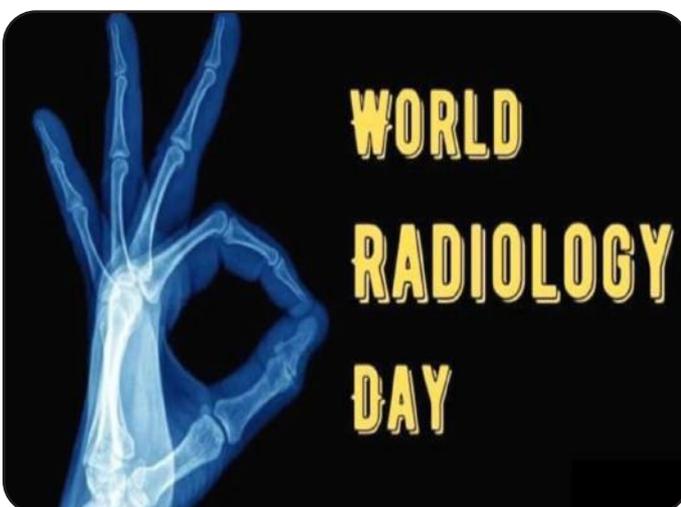
The United Nations General Assembly declared on November 5, 2001, that the **6th of November** would be observed as the '**International Day for Preventing the Exploitation of the Environment in War and Armed Conflict**'.



Every year on **November 7th**, **Infant Protection Day** is observed to raise awareness about the importance of protecting, promoting, and developing infants.



On **November 7th**, **National Cancer Awareness Day** is observed to raise awareness about cancer and to make it a global health priority.



8th November: World Radiography Day

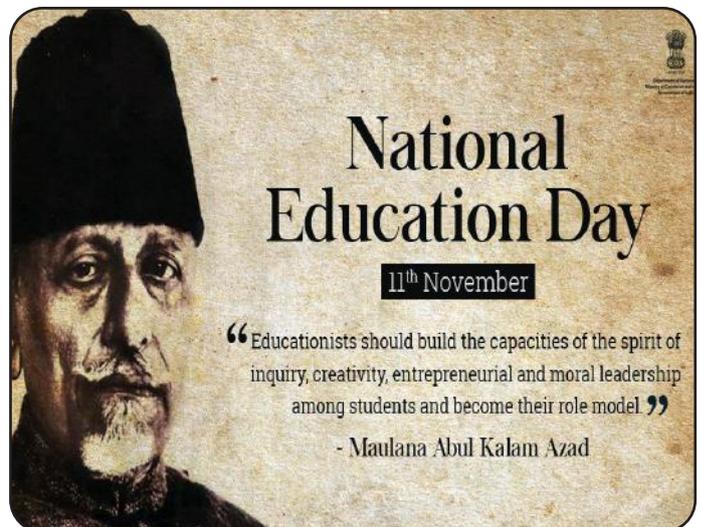
Radiographers worldwide can use the day and the days around the date to promote radiography as a career, as a vital contribution to modern healthcare, and as a chance to increase public awareness of diagnostic imaging and radiation therapy.



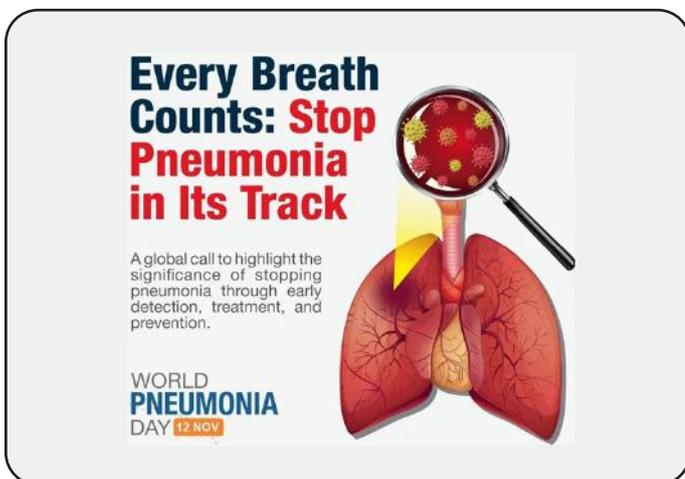
In India, the **9th of November** is observed as **National Legal Services Day** to raise awareness among people in areas where legal literacy is lacking.



World Science Day for Peace and Development is an international day that recognizes the importance of science in society and is observed on **November 10th** each year. It also emphasizes the importance of involving the general public in discussions about emerging scientific issues.



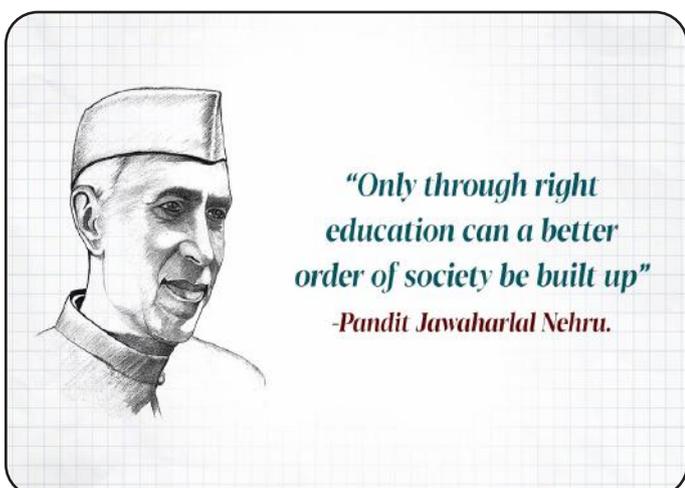
It is observed on **November 11th** to commemorate the birth anniversary of India's first Education Minister, **Maulana Abul Kalam Azad**. From 1947 to 1958, the Minister was also the first education minister of independent India.



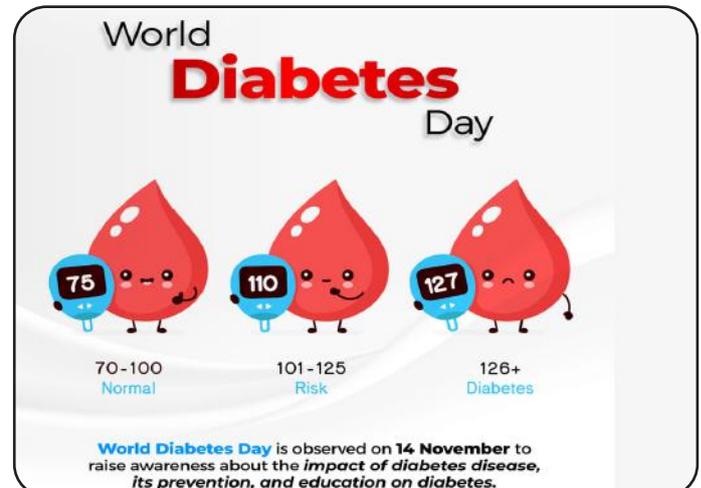
World Pneumonia Day is observed on **November 12th** to raise awareness about Pneumonia and its prevention. This is considered the world's leading infectious disease, with children under the age of five being the most affected.



Every year on **November 13th**, **World Kindness Day** is observed. The main goal of this day is to allow everyone to reflect on and follow one of the most important and unique human principles. This day also promotes small acts of kindness, which bring people together.



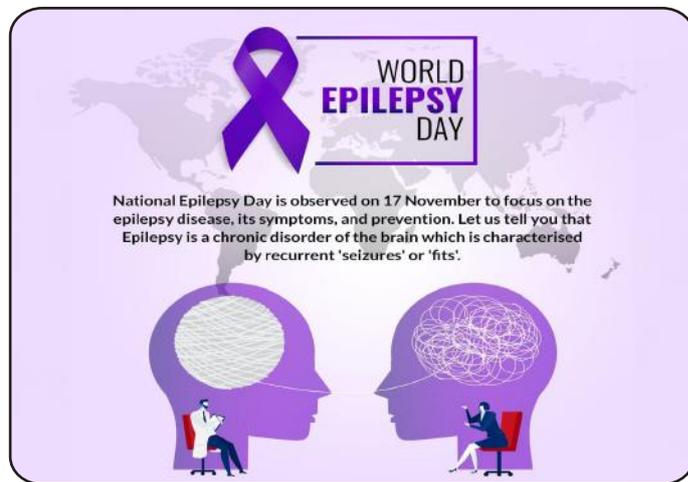
Every year on **November 14th**, India celebrates **Children's Day**. This is also known as Bal Divas. On this day, people are made aware of children's rights, care, and education. This day commemorates the birth anniversary of **India's first Prime Minister, Jawaharlal Nehru**.



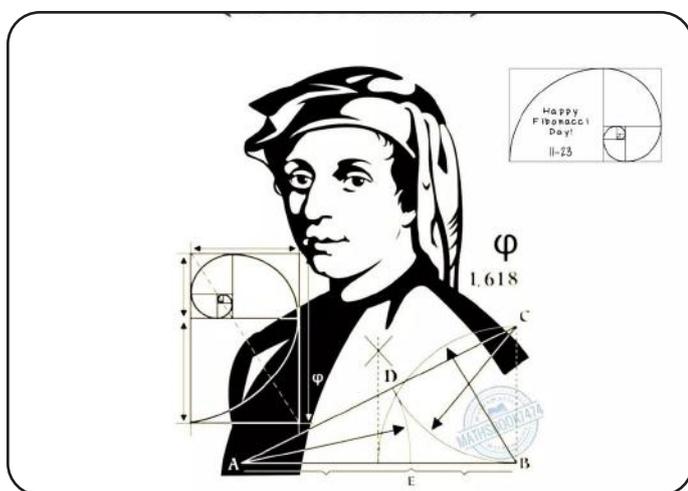
The **14th of November** is designated as **World Diabetes Day**. The primary goal of this day is to raise public awareness about the impact of diabetes disease, its prevention, and diabetes education.



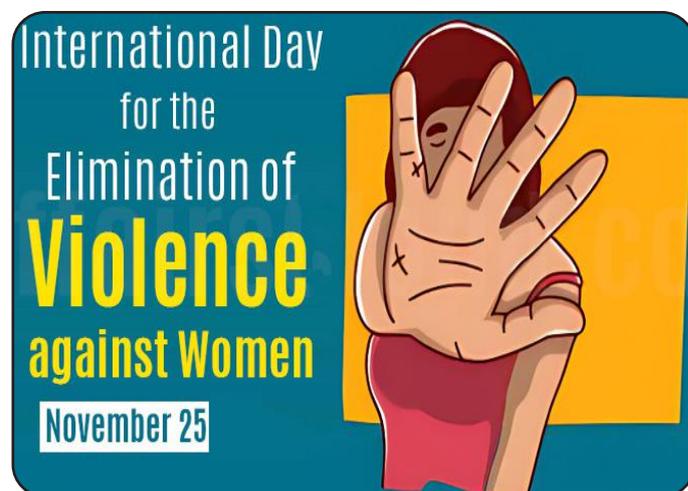
Every year on **November 16th**, **National Press Day** is observed to recognize and honour the Press Council of India (PCI). The day celebrates the existence of a free and accountable press in the nation.



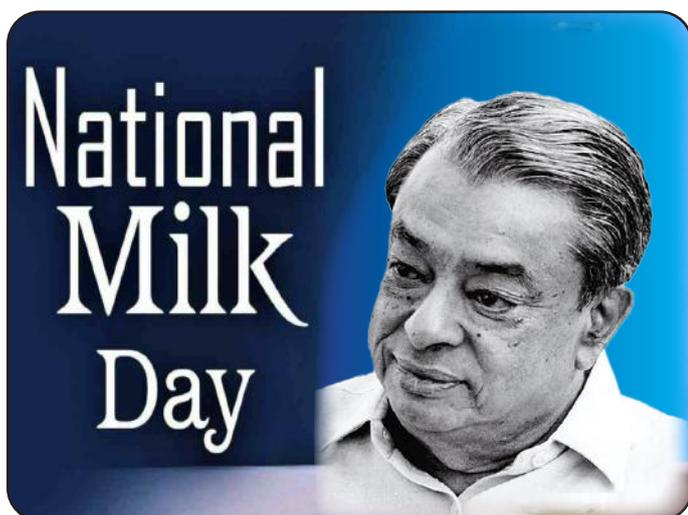
National Epilepsy Awareness Day is **November 17th**. The primary goal is to raise public awareness of epilepsy disease, its symptoms, and its prevention. Epilepsy is thought to be a chronic brain disorder marked by recurrent seizures or “fits.”



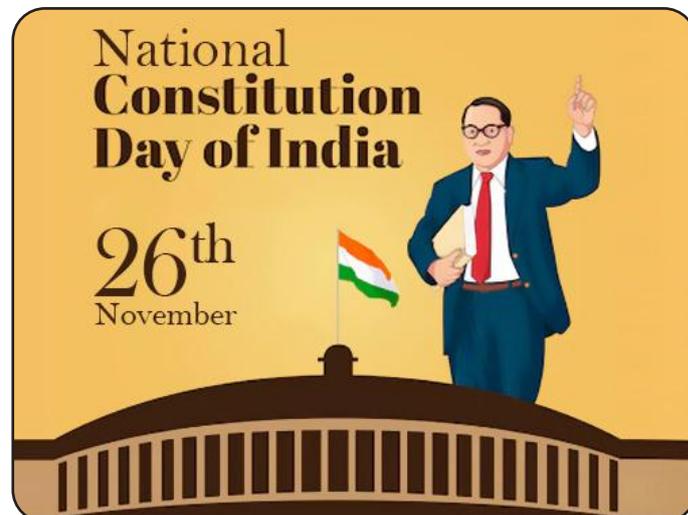
Fibonacci Day is observed on **November 23rd** annually to honour one of the most influential mathematicians of the Middle Ages namely Leonardo Bonacci.



Every year on **November 25th**, the **International Day for the Elimination of Violence Against Women** is observed. This day was established by the United Nations General Assembly in 1993. Violence against women is defined as any act of gender-based violence that causes physical, sexual, or psychological harm or suffering to women, including threats.



26 November- National Milk Day
It is observed on 26th November to commemorate the birth anniversary of Dr. Verghese Kurien, the father of India’s White Revolution.



Every year on **November 26th**, **India observes Constitution Day**, also known as Law Day or Samwidhan Divas. On November 26, 1949, India’s Constituent Assembly adopted the Indian Constitution.



APSCHE

Andhra Pradesh State Council of Higher Education

Intellectual Laziness

Thomas Alva Edison says, "Five percent of the people think; ten percent of the people think they think; and the other eighty-five percent would rather die than think". Thinking is an inevitable mental process that helps us to define and organize experiences, plan, learn, reflect and create. However, sometimes our thinking may, for a variety of reasons, become stagnant and unhelpful impacting our well-being negatively. For example, our thinking prevents us from recognizing our own strengths and questioning the authenticity of the information we receive. This can be defined as intellectual laziness. Intellectual laziness is to have next to nothing curiosity/interest in pursuing in new knowledge or analyzing the existing knowledge.

American philosopher Mortimer J. Adler says, the vice of intellectual laziness consists in the habitual neglect of one's intellect. He says that the avoidance of any use of one's intellect i.e. one's power to understand and manipulate concepts, beyond what is necessary in order to get through one's day-to-day life will make that person stagnant. Unlike other vices, such as unethical behavior or apathy towards others, intellectual laziness harms oneself more than harming others. Intellectual laziness is the most dangerous vice because it is an obstacle in the path of personal growth.

Intellectual laziness is easily the greatest obstacle to achieve higher intelligence. Most people are intellectually lazy, they don't think for themselves, and believe whatever they're told. If you are too lazy to think for yourself, to think through and persist with the hard problems, to do your own study and research, to question the answers and information presented to you, you can forget about getting smarter. Instead of getting smarter, you become mentally lazy. Some examples of intellectual laziness are:

You don't feel guilty spending hours together online on social media sites that do nothing to challenge the mind or enhance your own growth.

You aren't curious enough to seek information about challenging ideas, and you avoid participating in those conversations.



From the Chairman's Desk

You are very happy with what you know and not at all bothered by your own lack of knowledge and breadth of understanding. You confine yourself to a very narrow comfort zone of viewing 'things you already know'.

Instead of pondering and investigating many sides of an issue or idea, you think in 'black and white' terms. You aren't interested to question your own assumptions about people, events and experiences.

You are probably not reading this post or intrigued by this question in the first place itself.

As Socrates said, "The beginning of wisdom is the definition of terms". We all are worried about the 'digital divide' between the 'haves and have not's'. I feel, the real "digital divide" is, not between those with or without access to digital information but the increasing divide between people who ponder to question, and those who don't (intellectually lazy). Human brain needs exercise similar to human body. The body loses its fitness in the absence of regular exercise. Same is the case with the human brain. Sharpening the brain through analytical thinking and logically understanding the situations is necessary, if you want your brain to be active. You might have observed that some people come out with solutions very easily even for complex problems, within a short time while others struggle to solve even simple problems or challenges. The difference lies in training the mind. Those who persistently train their mental faculties will be the intellectually better-off people.

మెదడన్నది మనకున్నది అది సరిగా పనిచేస్తే
విశ్వరహాపేటికా విపాటన జరగకతప్పదు

- శ్రీశ్రీ

Prof. K. Hemachandra Reddy
Chairman, APSCHE



NAAC Review meeting held via blended mode at VC's Conference Hall, Administrative Block, JNTUA on **02.11.2023**.



Date: 07.11.2023. Review meeting of ongoing civil works at JNTUA & its Constituent units.



The meeting of all Vice Chancellors of the State via virtual mode on **07.11.2023**, hosted by The Chairman, APSICHE, Andhra Pradesh



Date: 14.11.2023. Photograph taken during the meeting of Civil Engineering Alumni with Hon'ble Vice Chancellor.



15.11.2023 - On the occasion of consecration of idol of Saraswati, Goddess of Knowledge at New University Administrative Block.



29th Executive Council meeting of JNTUA was held under the Chairmanship of Hon'ble Vice-Chancellor through blended mode at VC's Conference Hall, JNTUA, **15.11.2023**. All the Executive Council members attended the meeting.

Art & Cultural (UTSAV) Fest-2023 @ JNTUA CE ANANTHAPURAMU
A PICTORIAL GALLERY

17-11-2023 To 18-11-2023

Classical Dances & Rangoli



Poetry & Music Competition



Poster Making & Fashion Walk



Fun and Food Stall



Tech Ananth

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