

TECH ANANTH

Volume 3 Issue VI

... infinite technology

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Successfully
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**Pt. Jawaharlal Nehru First Prime Minister of India.
(1889-1964)**

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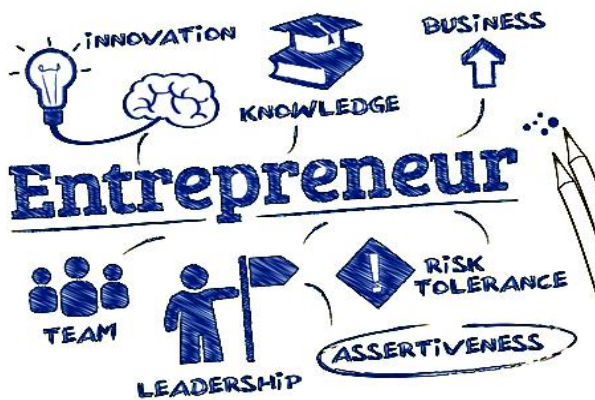


Fueling the Entrepreneurial Spirit

From Dorm Room Dreams to World-Changing Ventures

- Dr E Keshava Reddy

In today's dynamic and ever-evolving world, entrepreneurship has emerged as a powerful avenue for innovation, empowerment, and personal fulfilment. For students, it presents a thrilling opportunity to turn ideas into reality, create value, and shape the future. Whether you're dreaming of launching the next groundbreaking tech startup, pioneering social change, or simply seeking to carve your own path, the journey of entrepreneurship holds immense promise.



Understanding Entrepreneurship

At its core, entrepreneurship is about identifying problems and crafting innovative solutions. It's about being proactive, resourceful, and resilient in the face of challenges. Entrepreneurship isn't just about starting a business; it's a mindset—a way of thinking and approaching the world with creativity and determination.

A simple path to enter into the world of entrepreneurship:

1. Discover Your Passion

The first step on the entrepreneurial journey is to identify your passion. What problems do you care about solving? What topics or industries excite you? Take the time to explore your interests, strengths, and values. Your passion will be the driving force behind your entrepreneurial endeavours.

2. Cultivate an Entrepreneurial Mindset

Entrepreneurship requires a unique mindset characterized by resilience, creativity, and adaptability. Embrace challenges as opportunities for growth, think outside the box, and be willing to pivot when necessary. Develop a mindset of continuous learning and experimentation.

3. Validate Your Idea

Once you have identified a business idea, it's essential to validate it in the market. Conduct market research, gather feedback from potential customers, and assess the viability of your idea. Validate your assumptions early on to minimize risks and maximize your chances of success.

4. Build Your Network

Networking is crucial for entrepreneurial success. Surround yourself with mentors, advisors, and fellow entrepreneurs who can offer guidance, support, and valuable connections. Attend networking events, join entrepreneurial clubs or organizations on campus, and leverage online platforms to expand your network.



5. Develop Your Skills

Entrepreneurship requires a diverse set of skills, including communication, leadership, problem-solving, and financial literacy. Take advantage of resources available on campus, such as workshops, courses, and mentorship programs, to develop and refine your skills.

6. Create a Business Plan

A well-crafted business plan serves as a roadmap for your entrepreneurial journey. Outline your business concept, target market, marketing strategy, financial projections, and operational plan. A solid business plan will help you stay focused and organized as you launch and grow your venture.

7. Secure Funding

Whether through personal savings, bootstrapping, or external funding sources such as grants, loans, or investors, securing funding is often a crucial step in launching a business. Explore different funding options and choose the ones that align with your goals and financial needs.

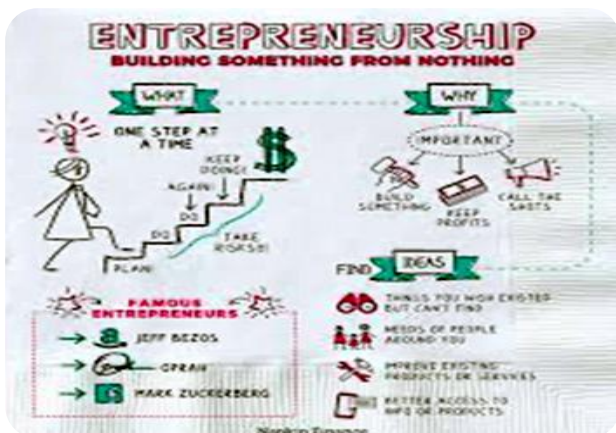
8. Launch and Iterate

Once you've done your research, built your network, and secured funding, it's time to launch your venture. Be prepared to iterate and adapt based on feedback from customers and market dynamics. Embrace a mindset of continuous improvement and innovation as you navigate the entrepreneurial landscape.



9. Embrace Failure and Learn from Setbacks

Failure is an inevitable part of the entrepreneurial journey. Instead of being discouraged by setbacks, embrace them as learning opportunities. Analyze what went wrong, adjust your approach, and keep moving forward with resilience and determination.



10. Celebrate Your Successes

Finally, don't forget to celebrate your successes along the way. Whether it's landing your first customer, reaching a significant milestone, or overcoming a major challenge, take the time to acknowledge and celebrate your achievements. Entrepreneurship is a journey filled with ups and downs, so make sure to celebrate the wins, big and small.

A short inspiring story of how a small idea can bring a big change:

This is the story of Shantanu - the billionaire businessman Ratan Tata's General Manager. After graduating from Savitribai Phule Pune University with a bachelor's degree in mechanical engineering in 2014, Shantanu attended Cornell Johnson Graduate School of Management to obtain a master's degree in business administration in 2016. He has held several important positions as a student, participated in a variety of activities, and

belonged to groups during his time at Cornell. Among many other accolades, he was the winner of the Johnson Leadership Case Competition and the Hemmeter Entrepreneurship Award.



While working as an automobile design engineer at Tata Elxsi in Pune in 2014, Shantanu noticed numerous dog fatalities along the Viman Nagar motorway. This sparked his idea to create collars for street dogs to enhance visibility at night. This idea evolved into Motopaws, which garnered the attention of dog lover Ratan Tata himself. With Tata's support, Motopaws flourished, developing anti-poaching devices for tigers and inno-

vative reflective collars, reducing animal-related night accidents by 37%. Shantanu's leadership propelled the organization's expansion to 17 cities and the employment of 250 individuals within just 8 months.

Today, the traditional paths of employment are no longer the only options for college graduates. Entrepreneurship has emerged as a compelling alternative, offering boundless opportunities for innovation and creativity. And, colleges play a crucial role in encouraging entrepreneurship among students by providing resources, support, and opportunities for learning and growth. Here are several ways in which colleges can foster an entrepreneurial ecosystem.

1. Entrepreneurship Programs and Courses

Offering entrepreneurship programs and courses is essential for equipping students with the knowledge, skills, and mindset needed to succeed as entrepreneurs. Colleges can design curriculum that covers topics such as idea generation, business planning, marketing, finance, and venture creation. These programs can range from formal degree programs to workshops, seminars, and extracurricular activities.

2. Incubators and Accelerators

Establishing incubators and accelerators on campus provides aspiring entrepreneurs with access to mentorship, funding, workspace, and networking opportunities. These programs support students in developing their business ideas, refining their strategies, and accelerating the growth of their ventures. Incubators and accelerators can also facilitate collaborations between students, faculty, alumni, and industry partners.

3. Seed Funding and Financial Support

Colleges can provide seed funding, grants, and other financial support to help students turn their ideas into reality. This funding can be used to prototype products, conduct market research, or cover early-stage expenses. By providing financial resources, colleges reduce the financial barriers to entrepreneurship and empower students to pursue their entrepreneurial aspirations.



4. Mentorship and Guidance

Mentorship is invaluable for aspiring entrepreneurs, offering guidance, support, and insights from experienced professionals. Colleges can establish mentorship programs that pair students with successful entrepreneurs, industry experts, and alumni who can provide advice, feedback, and encouragement. Mentorship programs can help students navigate challenges, make informed decisions, and accelerate their entrepreneurial journeys.

5. Networking Opportunities

Creating networking opportunities is essential for connecting students with fellow entrepreneurs, investors, potential collaborators, and other stakeholders in the entrepreneurial ecosystem. Colleges can organize networking events, pitch competitions, hackathons, and industry meetups where students can showcase their ideas, build relationships, and explore partnership opportunities. Networking helps students expand their professional networks and access valuable resources and support.



6. Alumni Engagement

Engaging alumni who have pursued entrepreneurial ventures can inspire and mentor current students. Colleges can facilitate alumni networking events, guest lectures, and panel discussions where successful alumni share their entrepreneurial journeys, lessons learned, and insights with students. Alumni

engagement fosters a sense of community and provides students with valuable role models and connections.

7. Recognition and Support

Recognizing and celebrating entrepreneurial achievements can inspire students and create a culture of entrepreneurship on campus. Colleges can organize entrepreneurship awards, pitch competitions, and showcases to highlight innovative ideas and ventures developed by students. Recognizing entrepreneurial achievements encourages students to pursue their entrepreneurial dreams and fosters a supportive ecosystem for entrepreneurship on campus.

By implementing these strategies, colleges can cultivate a vibrant entrepreneurial ecosystem that empowers students to pursue their entrepreneurial aspirations, launch successful ventures, and make a positive impact on the world.

The start-up ecosystem in India is thriving at its best and there are ample opportunities for all to begin their entrepreneurship journey. The government of India launched a plan called “Startup India”. There are nineteen action items in the Action Plan covering topics like “industry-academia partnership and incubation,” “funding support and incentives,” and “simplification and handholding.” The Action Plan established the framework for the government’s programmes, subsidies, and grants. There are many more such schemes that students can explore and make use of.

CONCLUSION

Embarking on the journey of entrepreneurship as a student is an exhilarating and rewarding experience. It’s a journey filled with challenges, triumphs, and endless opportunities for growth. By cultivating an entrepreneurial mindset, nurturing your creative spirit, and leveraging available resources, you can unlock your full potential and make a meaningful impact on the world. So, dare to dream, take the leap, and embark on the adventure of a lifetime. The world is waiting for your ideas, your passion, and your vision.

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.



Short History of Jawaharlal Nehru

A chronological account

Jawaharlal Nehru, Freedom Fighter and Independent India's first Prime Minister, lived a many-splendored life dedicated to the service of the nation. Not only was his role in the freedom struggle an outstanding one, as free India's Prime Minister for 17 years he became the symbol of the hopes and aspirations of a resurgent India. He occupied a unique place in the hearts of the Indian people, an affection which cut across all barriers of race and creed, language and religion, party and ideology.

Short history of Jawaharlal Nehru - A chronological account

1889 Born 14 November in Allahabad, the son of Motilal and Swaruprani Nehru

1905-7 Harrow School, Harrow-on-the-Hill, Middlesex.

1907-10 Trinity College, Cambridge.

1910-12 Inner Temple, London.

1912 - Returned to India. Lawyer, Allahabad High Court.

1913 - Joint Secretary, Allahabad branch of St. John Ambulance Brigade.

1916 - Married, 8th February Kamala Kaul.

1917 - Joined Home Rule League. Daughter, Indira, born 19th November.

1918 - Secretary, Home Rule League.

1919 - Started the newspaper, Independent, with Motilal Nehru.

1920 - Joined the Non-co-operation Movement.

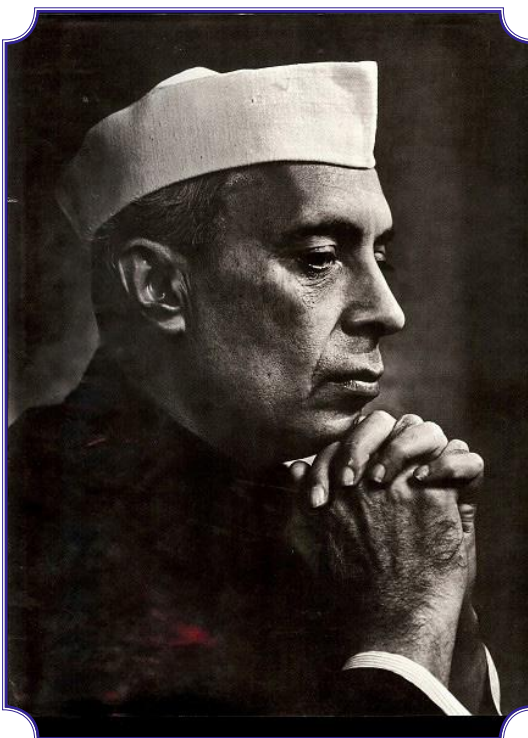
1921 - Arrested 6 December for participating in the Volunteer Movement and urging the boycott of the visit of the Prince of Wales to India.

1922 - Released 3rd March. Arrested 11 May for picketing cloth shops.

1923 - Released 26th January. Elected April Chairman, Allahabad Municipal Board. (Resigned January 1925.) Arrested 19th September for defying an order banning entry into Nabha State. (Released 6th October.) Presided October over the United Provinces Political Conference, Benares. Founded December the Hindustani Seva Dal. General Secretary, Indian National Congress, 1923-5.

1926-7 - Visited Europe and Britain. Attended 10th February 1927 the Congress of Oppressed Nationalities, Brussels. Visited November the Soviet Union. Moved December the '**Independence Resolution**' at the Madras session of the Indian National Congress. General Secretary, Indian National Congress, 1927-9.

1928 - Presided April over the Punjab Provincial Conference. Founded August the Independence for India League. Presided September over the All Bengal Students Conference. Active in the boycott of the Simon Commission; lathi-charged November, Lucknow.



1929 - Presided 30th November over the Nagpur session of the All-India Trade Union Congress. Presided 29th December over the Lahore session of the Indian National Congress.

1930 - Participated in the Salt Satyagraha Movement and arrested 14th April. (Released 11th October.) Arrested 19th October for speech made in favour of the no-tax campaign.

1931 - Released 26th January. Motilal Nehru died 6th February. Arrested 26th December for breach of an internment order prohibiting him from leaving the municipal limits of Allahabad. (Released 30th August 1933.)

1934 - Organized January relief for the victims of the Bihar earthquake. Arrested 12th February for speeches made in Calcutta. (Released 11th August on parole.) Returned 23rd August to prison. (Released 4th September 1935.)

1936 - Kamala Nehru died 28th February in Lausanne, Switzerland. Presided 23rd April over the Lucknow session of the Indian National Congress. Travelled April-December round India campaigning on behalf of Congress candidates for the General Elections. Presided 27th December over the Faizpur session of the Indian National Congress.

1938 - Swaruprani Nehru died 10th January. Visited Spain, France, Britain and some other European countries. Chairman, National Planning Committee.

1939 - Visited Sri Lanka and China. Drafted the Congress resolution on the war.

1940 - Chosen to be the second satyagrahi in the Individual Satyagraha Movement. Arrested 31 October for speeches made in Gorakhpur. (Released 4 December 1941.)

1942 - Negotiations March-April with Sir Stafford Cripps. Moved 7 August the 'Quit India' resolution at the All-India Congress Committee meeting. Arrested 9 August.

1945 - Released 15 June. Represented 25 June - 14 July the Congress at the Simla Conference. Campaigned for Congress candidates in the elections. Appeared November as a lawyer for the defence at the trial of the Indian National Army Officers. Vice-President, Indian Centre of the P.E.N. Elected December President of the All-India States People's Conference.

1946 - Visited March South-east Asia. Held April-June talks with members of the British Cabinet Mission. Elected May President of the Indian National Congress. (Resigned in September.) Trip June to Kashmir, arrest and release. Interim government formed 2 September with Nehru as Vice-President of the Viceroy's Executive Council and member for External Affairs and Commonwealth Relations. Moved 13 December the 'Objectives Resolution' in the Constituent Assembly.

1947 - Inaugurated 23 March the Asian Relations Conference, New Delhi. Broadcast 3 June to the nation accepting the partition proposals. Became 15 August first Prime Minister of free India.

1948 - Mahatma Gandhi died 30 January. Attended October the Commonwealth Prime Ministers' Conference, London. Addressed 3 November the Special Session of the United Nations General Assembly, Paris.

1949 - Inaugurated 20 January the conference of eighteen nations to condemn Dutch aggression on Indonesia. First visit October-November to the U.S.A. and Canada.

1950 - India became a Republic 26 January-. Became March Chairman, Planning Commission. (Held this office till his death.)

1951 - Elected President, Indian National Congress. (Continued till 1954)

1952 - Formed May new government after the first General Elections. Began 2 October Community Development Program.

1953 - Chief Ministers' Conference November, New Delhi. Appointed December States Reorganization Commission.

1954 - Chou En-lai visited India. Issued June joint statement of the Prime Ministers of India and China, listing the five principles (Panchsheel) for the regulation of relations between nations.

1955 - Moved January the resolution on a 'Socialistic Pattern of Society' at the Avadi session of the Indian National Congress. Afro-Asian Conference, Bandung, 15-25 April.

1956 - Conference 17-18 July with President Nasser of Egypt and President Tito of Yugoslavia, Brioni. Conference November of the Prime Ministers of Indonesia, Burma, Ceylon and India, New Delhi.

1957 - Formed April new government after the second General Elections.

1959 - Sponsored January resolution on co-operative farming and state trading of food grains at the Nagpur session of the Indian National

Congress,

1960 - Addressed 3 October the United Nations General Assembly, New York.

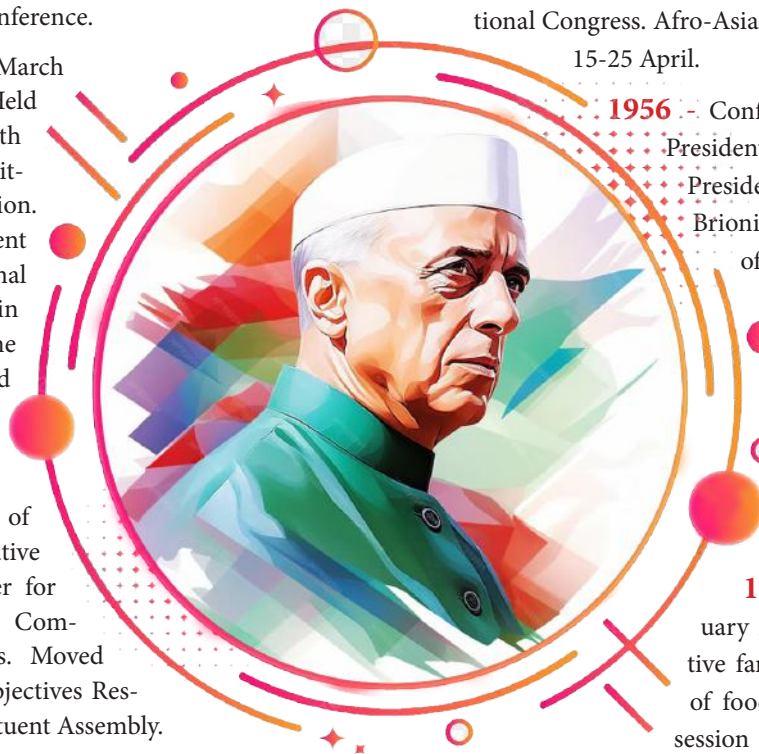
1961 - Conference of Non-aligned Nations, Belgrade, September.

1962 - Formed April new government after the third General Elections. Presided June over the National Integration Council meeting. State of Emergency proclaimed 26 October by the President of India following the Chinese aggression.

1963 - 'Kamaraj Plan'—ministers relinquished office to reorganize the Congress Party.

1964 - Died 27 May in New Delhi. Cremated at what is now Shanti Vana on the banks of the Yamuna.

Source: <https://www.jnmf.in/index.html> - Website of Jawaharlal Nehru Memorial Fund, Teen Moorti House, New Delhi.



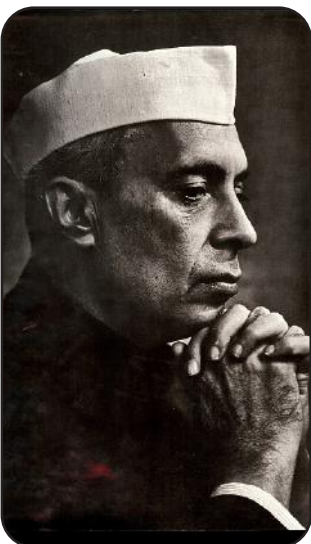


JNTUA Pays Floral Tributes to Jawaharlal Nehru On 60th Death Anniversary

27-05-2024

Pt. Jawaharlal Nehru's 60th death anniversary was observed in the administration building of the University on **27th May 2024 (Monday)**. Vice-Chancellor Prof. G.V.R. Srinivasa Rao, Rector Prof. M. Vijaya Kumar and Registrar Prof. C. Sashidhar along with Directors, officials of the university paid floral tributes to Nehru's portrait. Speaking on the occasion Vice Chancellor said "Pandit Jawahar Lal Nehru said that when the technology sector is developed, country will be developed and everyone should try in that direction". He also said that there is an opportunity for new discoveries when we think in a research way. The Vice-Chancellor recalled that Jawaharlal Nehru was the first Prime Min-

ister of India and remembered the services rendered by him. The program was attended by Rector Prof. M. Vijaya Kumar, Registrar Prof. C. Sashidhar, University Directors Prof. V. Sumalatha, Prof. Eshwar Reddy, Prof. Kiranmayi, Prof. P. Sujatha, Prof. R. Padma Suvarna, Prof. Durga Prasad, Prof. V.B. Chitra, Prof. Shoba Bindu, Prof. Suresh Babu, Vice Principal JNTUA CEA Prof. E. Arunakanthi, University PRO Dr. M. Ramasekhara Reddy, Adjunct Prof. V. Sankar, Prof. P.R.Bhanu Murthy, Sports Council Secretary Mr. Joji Reddy, Deputy Registrars, Assistant Registrars, Teaching, Non-teaching staff and outsourced staff.



"A university stands for humanism, for tolerance, for reason, for the adventure of ideas and for the search for truth."

- Pt. Jawaharlal Nehru

JNTUA Successfully Conducts & Declares Results of APECET 2024

30th May 2024

The APECET 2024 Examination was successfully conducted on 08.05.2024 by JNTUA on behalf of APSCHE. This is the eighth time that APSCHE has given the responsibility of conducting APECET to JNTUA and the University is thankful for the confidence and the trust bestowed on JNTUA by the Government of A.P. and the APSCHE. The Diploma holders and the B.Sc. (Mathematics) Degree holders can enter second year Engineering Degree Course or second year Pharmacy Degree course through lateral entry by getting qualified in APECET. The Exam was conducted in two sessions with fourteen different streams. The Forenoon session was from 9.00 am to 12.00 Noon and the Afternoon session was from 2.30 pm to 5.30 pm. JNTUA declared the results of APECET 2024 on **30th May 2024**. The results were declared jointly by the Hon'ble Vice Chancellor Prof. G.V.R. Srinivasa Rao and the Chairman APSCHE Prof. K.Hemachandra Reddy in the presence of University and APSCHE officials. After the APECET 2024 Exam was over on 08.05.2024, the Preliminary Keys were hosted on the website of APECET 2024 and the ob-

jections were invited from the students till 12.05.2024, 5.00 pm. After careful evaluation of valid objections by an expert member Key verification committee, Final Keys were prepared and the results were processed as per the Final Keys. On behalf of JNTUA, and the APECET 2024 Committee, Convener Prof. P.R. Bhanu Murthy profusely thanked Government of Andhra Pradesh, APSCHE, the Press and Media for their continued support and cooperation throughout.



Some of the important statistics regarding APECET 2024 results are

S.No.	Item	2024	2023
1	Total Number of Students Registered	37767	38181
2	Total Number of Students Present	36369	34503
3	Attendance Percentage	96.29	90.36
4	Total Number of Students Qualified	32881	31933
5	Pass Percentage	90.41	92.55

GENDERWISE ANALYSIS:

S.No.	Item	2024	2023
1	Total Number of Male Students Registered	27787	28585
2	Total Number of Male Students Appeared	26693	25902
3	Total Number of Male Students Qualified	23849	23748
4	Pass Percentage of Males	89.35	91.68
5	Total Number of Female Students Registered	9980	9596
6	Total Number of Female Students Appeared	9676	8601
7	Total Number of Female Students Qualified	9032	8185
8	Pass Percentage of Females	93.34	95.16

News from University



1. Hon'ble Vice Chancellor participated in the All Vice Chancellors of State Universities meeting through virtual mode in connection with **APRCET 2024** results, hosted by the AP State Council of Higher Education on **20.05.2024** and **21.05.2024**.

2. A meeting was held under the Chairmanship of Hon'ble Vice Chancellor regarding discussions on common Ph.D. Regulations for the State on **23.05.2024**. The Registrar, Directors of Academic & Planning, Admissions, Research & Development, Sponsored Research, Evaluation and Principal of campus college attended the meeting.

3. Hon'ble Vice Chancellor paid floral tributes to the Pandit Jawaharlal Nehru on the occasion of his Death Anniversary, which was held on the **27th May, 2024** at University Administrative Block, JNTUA. The Rector, Registrar, University Officials and staff attended the program.

4. Hon'ble Vice Chancellor participated in all Vice Chancellors of State Universities meeting through virtual mode on **29.05.2024** regarding discussions on implementation of edX learning initiative in the State Universities of Andhra Pradesh. The meeting was hosted by AP State Council of Higher Education.

5. Hon'ble Vice Chancellor participated in AP ECET 2024 CET Committee meeting through virtual mode on **30.05.2024** hosted by AP State Council of Higher Education. The Chairman, APSCHE, AP; Sri. M. Sudheer Reddy, Special Officer, AP CETS, AP; The Convener, AP ECET' 2024; The Co Conveners and members attended the meeting.

6. Hon'ble Vice Chancellor as Chairman, AP ECET participated in the AP ECET 2024 results announcement

program at JNTUA, released by the Chairman, APSCHE, AP on **30.05.2024**. Sri. M. Sudheer Reddy, Special Officer, AP CETS, AP; The Convener, AP ECET' 2024, the Rector, JNTUA; the Registrar, JNTUA attended the program.

7. A meeting with the faculty members of the University was held under the Chairmanship of the Hon'ble Vice Chancellor on **30.05.2024**. The Chairman, APSCHE addressed the meeting. The Rector; The Registrar; University officials and faculty members attended the meeting.

News from Affiliated Colleges

1. Hon'ble Vice Chancellor visited and inspected the test center at Srinivasa Ramanujan Institute of Technology (Autonomous), Ananthapuramu on **08.05.2024** in connection with AP ECET 2024 Examinations.

2. Hon'ble vice Chancellor visited and inspected the test center at Anantha Lakshmi Institute of Technology & Sciences, Ananthapuramu on **08.05.2024** in connection with AP ECET 2024 Examinations.

3. Hon'ble Vice Chancellor visited and inspected the TCS ION test center at Sri Venkateswara Institute of Technology, Ananthapuramu on **16.05.2024** in connection with AP EAPCET 2024 Examinations.

4. Hon'ble Vice Chancellor visited and inspected the TCS ION test center at PVKK Institute of Technology, Ananthapuramu on **17.05.2024** in connection with AP EAPCET 2024 Examinations.

Journal/Conference Publications

The faculty members of the University published 17 research papers and affiliated colleges have published 155 research papers in peer reviewed journals, seminars & conferences during this month.

Projects Initiated/ completed

Department of Civil Engineering, JNTUA College of Engineering Ananthapuramu generated an amount of **Rs. 1,82,967/-** through Industrial Consultancy Services.

NCC/NSS/Service Programmes

Webinars, awareness sessions, seminars, competitions were conducted by NSS units in the month of **May 2024**.

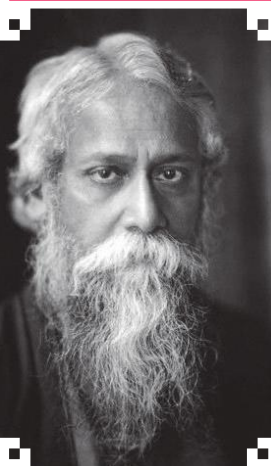
1. Awareness Programme on Sudden Cardiac Arrest and Heart Screening Aditya College of Engineering on **01.05.2024**.

2. An Awareness Program was conducted on “**SVEEP Awareness Program**” organised by NSS, MITS held on **04.05.2024** in association with Election Commission of India.

3. NSS unit in association with Rashtriya Seva Samithi and RUIA Govt. Hospital, Tirupati “**Blood Donation Camp**” was conducted on **6th May 2024** at SV College of Engineering Tirupati.

4. Government Polytechnic College, Madakasira & NSS Cell, JNTUA conducted **Anti - Terrorism Day** on **21.05.2024**.

5. Government Polytechnic College, Madakasira & NSS Cell, JNTUA conducted **World No Tobacco Day** on **21.05.2024**.



“It is very simple to be happy, but it is very difficult to be simple.”
- **Rabindranath Tagore.**



University Examinations Results



Results of the semester end examinations conducted by the university declared in the month of **May 2024** are as below.

09.05.2024.

B.Pharmacy IV Year II Semester (R15) Supplementary Examinations, April 2024, B.Pharmacy IV Year II Semester (R19) Regular & Supplementary Examinations, April 2024 and B.Tech IV Year II Semester (R20) Regular Examinations, May 2024

23.05.2024.

B.Tech IV Year II Semester (R15) Supplementary Examinations, May 2024 and B.Tech IV Year II Semester (R19) Supplementary Examinations, May 2024

27.05.2024.

B.Pharmacy I Year II Semester (R15) Supplementary Examinations, April 2024, B.Pharmacy I Year II Semester (R19) Supplementary Examinations, April 2024, B.Pharmacy I Year I Semester (R15) Supplementary Examinations, April 2024, B.Pharmacy I Year I Semester (R19) Supplementary Examinations, April 2024 and B.Pharmacy I Year I Semester (R23) Regular Examinations, April 2024.

Ph.D Awarded List

Ph.D



Ph.Ds Awarded: The University has awarded Ph.D. to **10** research scholars during this month.

Discipline	Number of Ph.D's Awarded
Civil Engineering	01
Electrical and Electronics Engineering	05
Mechanical Engineering	01
Electronics and Communication Engineering	01
Computer Science Engineering	01
Physics	01
TOTAL	10

“ Books / Book Chapters Published ”

1. **Dr. Dipankar Roy**, faculty of Madanapalli Institute of Technology & Science, Madanapalli published a Book Chapter on “**Entropy-weighted-multi-criteria decision-making (E-MCDM) approach for erosion area prioritization case study of a Himalayan River Basin**” in Agri-Tech Approaches for Nutrients and Irrigation Water Management on May 2024 doi: 10.1201/9781003441175-10.
2. **Mutharasu, M**, faculty of Madanapalli Institute of Technology & Science, Madanapalli published a Book Chapter on “**Synergizing federated learning and in-memory computing: An experimental approach for drone integration**” in Developments towards Next Generation Intelligent Systems for Sustainable Development on May 2024 doi:10.4018/979-8-3693-5643-2.ch004.
3. **K. Sudhakar**, faculty of Madanapalli Institute of Technology & Science Madanapalli published a Book Chapter on “**Age of Computational AI for Autonomous Vehicles**” in Artificial Intelligence for Autonomous Vehicles on May 2024 doi:10.1002/9781119847656.ch2.
4. **Rajaram, R**, faculty of Madanapalli Institute of Technology & Science, Madanapalli published a Book Chapter on “**Non-Noble Metal Catalysts in Oxygen Reduction Reaction**” in Nano-electro catalyst for Oxygen Reduction Reaction: Fundamentals to Field Applications on May 2024 doi:10.1201/9781003334903-11.
5. **Dr. K. S. Krishna**, faculty of Madanapalli Institute of Technology & Science, Madanapalli published a Book Chapter on “**Lightweight Digital Trust Architectures in the Internet of Medical Things**” in IGI-Global on May 2024 pg. no: 52-72 ISBN: 9798369321096.
6. **Dr. M Neeraja** faculty of Sri Venkateswara College of Engineering, Tirupati Co-authored a paper titled “**Understanding The Role Of Compensation In Attracting And Retaining Talent A Comparative Study Of Public, Private, And Foreign Banks**” in Educational Administration: Theory and Practice, Scopus coverage years: from 2019 to Present, Publisher: Auricle Global Society of Education and Research, 30(5), 11246-11252 Doi: 10.53555/kuey.v30i5.4923.
7. **Dr. R. Sudheer Babu** faculty of G. Pulla Reddy Engineering College, Kurnool co-authored a book titled “**Unveiling Machine Learning: Theory, Algorithms and Practical applications**” published by S.K. Research Group of Companies, Madurai, Tamilnadu.
8. **Dr. S. L. Prathapa Reddy**, faculty of KSRM College of Engineering, YSR Kadapa published a book entitled “**Efficient Non-Degradable Waste Processing Technologies Integrated with Manets for Sustainable Waste Management Models Scopus in Journal of Environmental Protection and Ecology**”. ISSN: 1311-5065 Vol.25 No. 2, PP: 440-448 (2024).

CONTRIBUTION OF ARTICLES TO TECH ANANTH

The members of the JNTUA fraternity all students, faculty and alumni are requested to contribute for publication in the monthly illustrated online 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 from alumni, articles on Science and Technology which induce technical and scientific thinking in the readers. Members contributing articles shall give their full details such as Name, Designation, College, and Department with mobile number and email ID for correspondence.

Editorial Team
emagazine@jntua.ac.in

Important National & International Days in May

WORLD PRESS
FREEDOM DAY
MAY 3



Every year Press Freedom Day or **World Press Freedom Day** is observed on **3rd May** to evaluate press freedom around the world and to pay tribute to journalists who have lost their lives in the exercise of their profession.

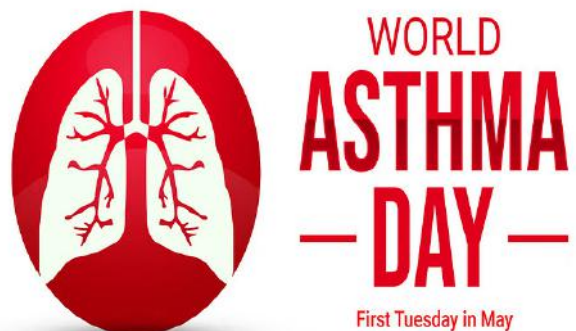


Every year on **May 4, Coal Miners Day** is observed to honour the coal miners. Coal mining is done to extract coal from the ground. Coal Mining is one of India's most dangerous professions. Coal Miners are the men who know that they may not return home after work when the day is over.

International
Firefighters' Day
May 4 2024



International Firefighter's Day is observed every year on **May 4th**. It was instituted on January 4, 1999, after a proposal via email out across the world due to the deaths of five firefighters in a bushfire in Australia. This day is observed to recognise and honour the sacrifices that firefighters make to ensure that their communities and environment are as safe as possible.



7 May - World Asthma Day (First Tuesday of May)

World Asthma Day is observed every year on the first Tuesday of May to spread awareness and care about asthma in the world. An annual event is organised by the Global Initiative for Asthma. Asthma is a chronic inflammation of bronchitis causing cough, breathlessness, chest tightness etc.

WORLD
ATHLETICS DAY



World Athletics Day is observed on **7th May** to raise awareness about sports among youth, in schools and institutions to promote athletics as the primary sport and to introduce new talent and youngsters in the field of athletics.

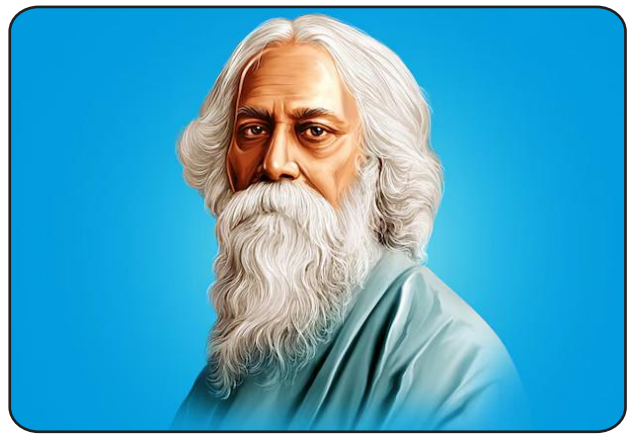


WORLD
THALASSEMIA
DAY
• MAY 08 •

World Thalassemia Day or International Thalassemia Day is observed every year on **8th May** in honour of all patients suffering from Thalassemia and for their parents who have never lost hope for life, despite the burden of their disease. This day also encourages those who struggle to live with the disease.



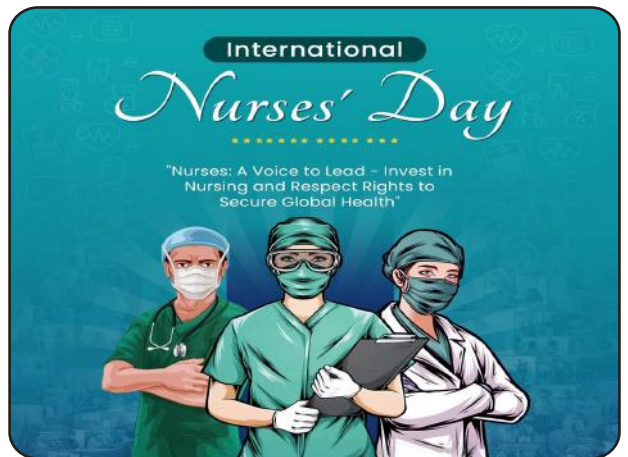
World Red Cross Day is observed every year on **8th May** to commemorate the birth anniversary of the founder of the Red Cross. Founder of the Red Cross was Henry Dunant as well as the founder of the International Committee of the Red Cross (ICRC). He was born in Geneva in 1828. He became the first recipient of the 1st Nobel Peace Prize.



Rabindranath Tagore was born on **7th May** 1861 in Kolkata. He was one of India's top artists, novelists, authors, Bengali poets, humanists, philosophers etc. In 1913, he was honoured with Nobel Prize in Literature.



Every year **National Technology Day** is observed on **11th May** to highlight the important role of Science in our daily lives and encourage students to opt for science as an option for a career. Shakti, the Pokhran nuclear test was held on 11 May 1998.



Every year **International Nurses Day** is celebrated on **12th May** to commemorate the anniversary of Florence Nightingale's birthday. This day also celebrates the contribution done by nurses to society around the world. On this day the International Council of Nurses organization produces an International Nurses kit to educate and assist health workers globally with a different theme every year.



12 May - Mother's Day (Second Sunday of May)

Mother's Day is celebrated every year on the second Sunday of May to honor motherhood and is observed in different forms throughout the world. Mother's Day was founded by Anna Jarvis who had given the idea of celebrating Mother's Day in honour of mothers and motherhood in 1907.



International Day of Families is observed every year on **15th May**. Family is the basic unit of society. This day provides an opportunity to raise awareness about the issues related to families and to increase knowledge about the social, economic and demographic processes that affect them.



National Dengue Day

May 16 2024

16 May- National Dengue Day

The day is observed on **16th May** with the recommendation of the Ministry of Health and Family Welfare, Government of India. Dengue is prevalent across the country. On this day awareness campaigns, rallies, etc. regarding Dengue are organized in the country.



International Day of Light

May 16 2024

Every year on **May 16th**, people around the world observe the **International Day of Light**. The day honors the date of physicist and engineer Theodore Maiman's first productive laser operation in 1960. UNESCO's International Basic Science Programme (I.B.S.P.) coordinates the day's celebration on behalf of the United Nations.

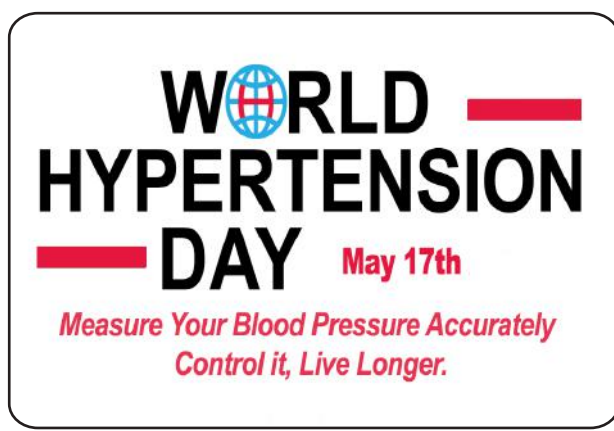


World Telecommunication and Information Society Day

Digital innovation for sustainable development

May 17

World Telecommunication Day is observed every year on **17th May**. It marks the founding of International Telecommunication Union (ITU) when the first International Telegraph Convention was signed in Paris on 17 May 1865. It is also known as World Telecommunication and International Society Day. Since 1969, it has been celebrated annually.



WORLD HYPERTENSION DAY

May 17th

*Measure Your Blood Pressure Accurately
Control it, Live Longer.*

This day is celebrated by **World Hypertension League (WHL)** on **17th May** annually. The day promotes awareness about hypertension and encourages people to prevent and control this silent killer epidemic.



NATIONAL ENDANGERED SPECIES DAY

Every year on the third Friday in **May (17th) - National Endangered Species Day** is celebrated annually to raise awareness about the importance of wildlife conservation and restoration efforts for all imperilled species. Endangered Species Act 1973, focuses on the protection of wildlife and threatened species.

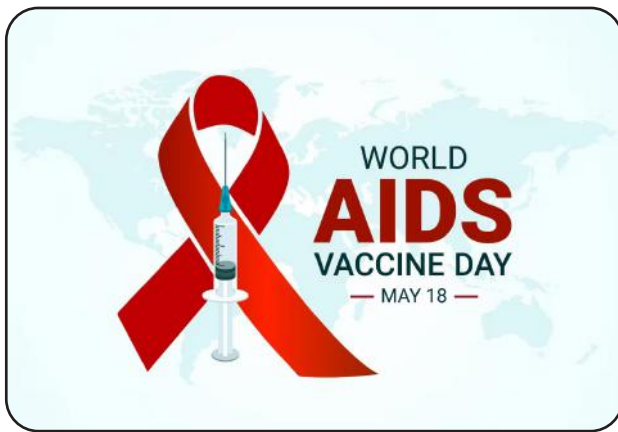


International Museum Day

May 18

Theme: "Museums for Education and Research"

International Museum Day is observed on **18th May** every year to raise awareness about the museum and its role in society. The International Council of Museums (ICOM) created International Museum Day in 1977. The organisation suggested a proper theme every year which may include globalisation, bridging cultural gaps and care for the environment.



Worlds AIDS Vaccine Day or **HIV Vaccine Awareness Day** is observed every year on **18th May**. This day marks the efforts of thousands of researchers, scientists, and health professionals who have contributed to the process of finding safe and effective AIDS medicine. It is also an opportunity to educate communities about the importance of preventive HIV vaccine research.



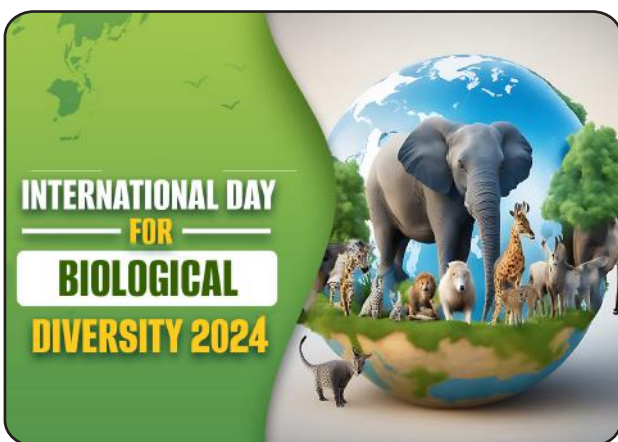
20 May- International HR Day - The European Association for People Management established HR Day in 2019 with the goal of highlighting the important role that HR professionals and practices play within the organization and increasing public awareness of the changing demands and vital role that HR professionals play in today's dynamic workplace and their crucial role in the success of organizations.



21 May- International Tea Day
The world observes **International Tea Day** on **May 21st**. It aims to recognise the contributions of the tea industry and promote fair trade and investment in the area. Also, International Tea Day includes giving recognition to tea and the people who work in the tea business.



National Anti-Terrorism Day is observed every year on **May 21st** to spread awareness about the violence caused by terrorists and also in memory of former Indian PM Rajiv Gandhi, who passed away on this day.



22 May - International Day for Biological Diversity
International Day for Biological Diversity is observed on **22nd May** every year to increase awareness and understanding of the issues of biodiversity.



Anti-Tobacco Day or **World No Tobacco Day** is observed on **31st May** every year across the globe to make people aware and educate them about the harmful effects of tobacco on health which causes cardiovascular diseases, cancer, tooth decay, staining of teeth etc.

Tech Ananth

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