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Outcome Based Education (OBE)

Rising need to upgrade the traditional education system.

- Dr.E Keshava Reddy

The goal of outcome-based education (OBE), a teaching technique, is to map and meet the intended learning outcomes of students by redesigning the teaching methods and curriculum, outlining anticipated ultimate results, and developing evaluation procedures.

A system known as "outcome-based education" focuses on the course's outcomes in all of its components and facets. Students enrol in courses with the intention of mastering a certain skill or obtaining knowledge, and they are required to do so by the course's conclusion.

No particular learning method or time frame exists. The pupil can choose how they want to learn. Based on the desired results, the instructors, moderators, and faculty members direct the pupils.

The OBE method uses a student-centred learning strategy to give the children more opportunities. It clearly intends to make a positive difference in their lives by committing to excellence and innovation. The output that must be accomplished by the end of the session is predetermined by the curriculum's design. Teachers must contribute ideas that may include a range of cutting-edge

activities to help pupils achieve their goals. The abilities needed to grasp a subject must be determined by teachers, and the curriculum must be designed with those skills in mind.

The adaptable OBE system lessens the faculty's assessment effort to maximise teaching effectiveness. enables them to produce excellent

lesson plans, question banks, assignments, framing & mapping COs, and error-free student performance reports on achieving course outcomes, programme outcomes, and programme educational objectives. Maintaining transparency amongst all parties involved, including teachers, students, and faculty members, fully eliminates

the problems associated with evaluation.

The expectations set forth by the curriculum specify what a kid should understand and be able to do, as well as the attitudes that should be developed gradually. All the stakeholders may benefit from understanding the objectives to be accomplished through the learning outcomes derived from the curricula and the syllabus. Typically, the learning outcomes are viewed as benchmarks or evaluation criteria.

Highlighting the learning process's outcome usually results in it being attained by rote memorization without comprehension. However, the emphasis is placed on recalling the facts and applying algorithms without understanding when the end product is highlighted, as in mathematics learning. Additionally, it gives kids a handicap when it comes to using and applying mathematical concepts in real-world situations. It has been decided to incorporate the environmental component into mathematics. To encourage children to explore and make connections with their immediate environment, including themselves, families, and schools, teachers are expected to offer learning opportunities while presenting various mathematical topics.

Outcome-Based Education (OBE) Guide

OBE (Outcome Based Education) from Camu is meant to be a student-centered learning model. The successful strategy of this Outcome-Based Education is creating that achievable goal, be it short-term or long-term, while allowing students to feel responsible for their own learning.

Outcome-Based Education (OBE) is beneficial in the following ways.

♦ Clarifies things for both teachers and students

♦ Each learner is flexible and allowed to learn in their own way.

♦ There are different ways to learn.

♦ reduces comparison because each student has a separate goal.

♦ involves students fully taking charge of their objectives.

In an educational technique known as "outcome-based education," every component of education is structured around a set of objectives (outcomes). By the time they finish their education, students should have accomplished their goals. All pupils should be able to accomplish their objectives throughout the educational process. It focuses on using results to gauge student success. Through the growth of students' knowledge and abilities, the OBE model seeks to maximise learning outcomes for students.

By steadily increasing over time, these criteria might help raise the bar for educational institutions seeking accreditation from prestigious agencies like the NBA Accreditation. On the other hand, the old educational system is very reliant on mastering theoretical

concepts. The mundane method of teaching and learning is repeated, emphasising skill memorization over skill growth. There is hardly any opportunity for pupils to learn new skills that they can utilise to advance their jobs. Teachers in old systems prioritise following the prescribed curriculum rather than coming up with new ideas.

Outcome-Based Education System VS Traditional Education System

Grading Method:

The OBE education system, in contrast to the conventional grading system, does not assign grades to students in order of "best" to "worst." In OBE, a different approach that evaluates results in terms of various "lev-

els" may be applied. For instance, teachers can select from a range of levels depending on the components of the curriculum.
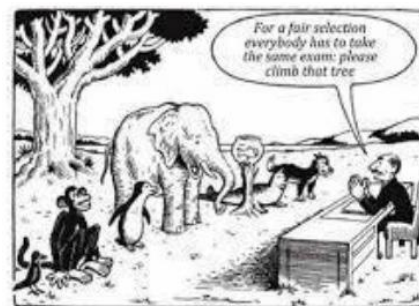
Our Education System

"Everybody is a genius. But if you judge a fish by its ability to climb a tree, it will live its whole life believing that it is stupid."

- Albert Einstein

Creating an outline and curriculum:

The fundamental goal of the conventional educational system is to impart previous generations' knowledge to the current generation of pupils.'Remodelling' and 'Restructuring' the rules are by no means the main objectives in the conventional setting. Even the most seasoned staff employees are just interested in following the curriculum and lack the motivation to extend their

lessons outside of the classroom. They merely want students to absorb what is being taught and learn it. The more application is made, the more pupils will acquire fundamental abilities that will ensure a profession worth pursuing.

5

Outcome Based Education System

☑ CO-PO Mapping
☑ CO-PO Attainment Reports
☑ Student Performance Analysis
☑ Enhanced Teacher-Student Communication

method increases the likelihood of receiving accreditation from the National Board of Accreditation (NBA) and allowing students access to high-quality education.

Outcome Based Education System

Scalability Of Resultant Results

The traditional educational model forbids institutions from identifying the elements that acted as a stimulus for their development. Teachers could infer that the inclusion of specific elements, such as hosting guest speakers, has greatly aided their improvement. For instance, if the institution has 60 students who have completed the exam this year, compared to 70 previous year, they may analyse the statistics and draw the conclusion that the increased ratio of students passing the exam may be the effect of giving guest lectures.

However, with the adoption of the OBE system, each student's progress may be monitored based on performance and differential growth at different stages or levels, which also complies with the educational standard set by National Education Policy NEP 2020.Teachers can even be certain of variables that have contributed to their improvement based on the final outcome sheet thanks to the mapping of PO-CO, best-suited assessments, and question-wise outcome computation.With the use of CO-PO mapping,we can also provide student yearly accomplishments, student-wise accomplishments, course level accomplishments, etc.Such a teaching-learning

About the Author

Prof. 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.

Bloom's Taxonomy: Cognitive domain

Create — Coming up with new or original work (designing, assembling, constructing, developing, formulating, investigating, etc.,)

Evaluate — Drawing judgement in line with a set of guidelines (defend, appraise, argue, judge, select, support, critique, value, etc.,)

Analyze — Breaking open the concepts into parts and try drawing connections among them (differentiate, organize, relate, compare, contrast, distinguish, experiment, question, etc.,)

Apply — Applying the gained knowledge in possible new ways (execute, implement, solve, use, interpret, operate, sketch, schedule)

Understand — trying to make sense with the materials gathered (classify, describe, discuss, explain, recognize, locate, translate, select, report, etc.,)

Remember — The process of recollecting knowledge acquired so far (define, list, duplicate, repeat, memorize, state)

WORLD ENVIRONMENT DAY
Celebrated @ JNTUA CEK KALIKIRI
(05-06-2023)

Theme of World Environment Day 2023 is "Beat Plastic Pollution," high lighting people's actions toward plastic pollution reduction.

Environment Day is an annual event observed worldwide on June 5th to raise awareness about environmental issues and promote sustainable practices. JNTUACEK participated in celebrating Environment Day. It was organized by NSS Program Officer Dr.K.Aparna (Unit1)of the college.

The program started with opening remarks of the Principal Prof. S.V.Sataynarayana, followed by plantation programme by all the staff and NSS student volunteers.

Honorable Vice Chancellor Prof. G.Ranga Janardhana attended as Chief Guest, shared the experiences and views on the Environment day and its importance and planted the saplings. He encouraged the students to plant more trees and save the environment.

The Forest Region Officer (FRO) Madanapalle Sri. J. Madan Mohan participated in the event by letting us know the importance of the Environment.

An extensive awareness campaign was organized both within the college premises and in near by communities. Posters, banners, and digital displays were set up to educate individuals about various environmental problems, including climate change, pollution, deforestation, and waste management. The campaign aimed to empower people with knowledge and motivate them to adopt sustainable practices in their daily lives.

Principal, various guests and all the college staff along with the students of JNTUA CEK pledged to protect the environment and plant more trees to save our nature.

The Environment Day celebrations at JNTUA CEK were a great success, with active participation from the college community. Through the various activities, the college aimed to inspire individuals to take responsibility for the environment and make sustainable choices. By raising awareness and fostering a sense of environmental stewardship, the event contributed to building a more sustainable future.

JNTUACEK remains committed to environmental conservation and will continue to organize events and initiatives that promote sustainability and foster a deeper connection with nature. The program ended with NSS clap, the rich tradition of NSS volunteers and refreshments.

Pledge to protect the Environment and plant more trees to save our Nature.

Renovated Science Block at JNTUA CEA Ananthapuramu
&
Extension of Third Floor for Class Rooms @ Oil Technological & Pharmaceutical Research Institute Anantapur inaugurated.
Date: 09-06-2023

JNTUA CEA

JNTUA OTPRI

Prof. K. Hema Chandra Reddy, Chairman, APSCHE, Government of Andhra Pradesh inaugurated the newly re-modelled Science Block at JNTUA College of Engineering Ananthapuramu. In this newly remodelled science block there are laboratories, classrooms and seminar halls along with Mathematics, Chemistry and Physics departments. Later, the third floor science block in Oil Technolgical and Pharmaceutical Research Institute (OTPRI) Anantapur was also inaugurated by Prof. K. Hema Chandra Reddy. JNTUA Vice Chancellor Prof. G. Ranga Janardhana inaugurated classrooms and staff room.

On this occasion, the Chairman said that the opening of the third floor will facilitate the students studying in OTPR Institute to study without any difficulties.

Vice-Chancellor Prof. G. Ranga Janardhana, Registrar Prof. C. Sashidhar, University Engineer Mr. Mohammed Zaheer Aslam, University Directors, College Principal Prof. P. Sujatha, Vice Principal Prof. R. Bhavani, OTPRI Director Prof. B. Durga Prasad, Principal Dr. C. Gopinath, teaching, non-teaching staff, and students participated in the program.

Career Advancement Scheme (CAS) Interviews @ JNTU Anantapur University

Dates:12th and 13th of June

Interviews under Career Advancement Scheme (CAS) were conducted in JNTU Anantapur University on 12th and 13th of June for promotion from Associate Professors to Professors and from Assistant Professors to Associate Professors under the chairmanship of JNT University Vice-Chancellor Prof. G. Ranga Janardhana. State Governor nominee, Registrar Prof. C. Sashidhar, Director (A&P) Prof. V. Sumalatha and interview panel members consisting of various Board of Studies chairmen, senior professors were present for the interviews.

Vice Chancellor Prof. G. Ranga Janardhana directs the faculty members of constituent units for the coming FFC visits in a hybrid mode meeting

Date: 22 of June

Hon'ble Vice Chancellor Prof. G. Ranga Janardhana held meeting in hybrid mode on 22.06.2023 with the faculty members of constituent units JNTUA Anantapur, Pulivendula and Kalikiri regarding Fact Finding Committee (FFC) Inspections of affiliated colleges in the University Conference Hall. In this online meeting, he said that fact-finding committees should thoroughly inspect the laboratories, classrooms and other facilities of the college. He said that the ratio of students to faculty (STR), qualification of faculty, ratio of students to computers, proper facilities for additional courses for this year should be checked. He said that especially for the colleges going for autonomous and permanent affiliation the SAR (Self Assessment Report) should be thoroughly checked. Colleges should strictly follow AICTE/PCI and UGC rules, he said. Internet facility, original licensed software, generator facility, sports facilities should be checked. It was advised to get information about industrial internship and community service project (CSP) from the principals of the respective colleges.

The Vice-Chancellor also suggested that the inspectors may check the Form 16 issued to teaching staff by the employer for ascertaining the years they have been working in the college. Rector Prof. M. Vijaya Kumar, Registrar Prof. C. Shasidhar, DAA Director Prof. A. Suresh Babu, DE Prof. E. Kesava Reddy, Prof. V. Sumalatha, Directors Prof. B. Eshwar Reddy, Prof. Durga Prasad, Prof. Subba Reddy, Prof. R. Kiranmai, Prof. Padma Suvarna, and Prof. Bhuvana Vijaya participated in person. The principals and faculty members of constituent colleges joined the meeting virtually.

Jawaharlal Nehru Technological University Anantapur (JNTUA) declares Andhra Pradesh Engineering Agriculture and Pharmacy Common Entrance Test (APEAPCET 2023) results conducted on behalf of APSCHE on June 14.

The Jawaharlal Nehru Technological University Anantapur (JNTUA) declared the Andhra Pradesh Engineering, Agriculture and Pharmacy Common Entrance Test (APEAPCET 2023) results on June 14. The results were announced by the state education minister Sri. Botcha Satyanarayana during a press conference at Vijayawada. JNTUA conducted the AP EAPCET 2023 entrance examination on behalf of the Andhra Pradesh State Council of Higher Education (APSCHE) from May 15 to 23, 2023. Out of 3,12,797 candidates who appeared for the common entrance test, 2,52,717 passed. In the engineering stream, of the total 2,24,724 candidates who appeared for the test, 1,71,514 (76.32%) cleared the examination. In the Agriculture stream, of the 90,573 candidates who wrote the test, 81,203 (89.65%) qualified. The results were released by the education minister along with Prof. K. Hema Chandra Reddy Chairman APSCHE, JNTUA Vice Chancellor Prof. G. Ranga Janardhana, Convener APEAPCET 2023 Prof. C. Shoba Bindu. Officials of the APSCHE, JNTUA & Journalists were present during the announcement at Vijayawada. The minister congratulated the

APSCHE and JNTUA officials on the occasion.

ENGINEERING STREAM

In the Engineering stream, Challa Umesh Varun from Nandigama in NTR district bagged the first rank, while Bikkina Abhinav Chowdary from Madhapur in Telangana obtained the second rank, Nandipati Sri Durga Reddy from Piduguralla secured the third rank, Chintaraparthi Babu Sujan Reddy from Tirupati secured the fourth rank and Daggineni Venkata Yugesh from Annamayya district got the fifth rank.

Addagada Venkata Sivaram from Chilakalauripet in Palnadu district got the sixth rank, followed by Yakkanti pani Venkata Maheedhar Reddy from Guntur seventh rank, Medapuram Lakshmiknarashimha Madhava Bhardwaj from Anantapur district eight rank, Pinnu Shashank Reddy from Tirupati ninth rank and

M. Sreekanth from Madhapur in Telangana tenth rank.

AGRICULTUR STREAM

In the Agriculture stream, Burugupalli Satya Raja Jaswanth from East Godavari district topped, followed by Bora Varun Chakravarthi from Srikakulam district Second rank, Konni Raj from Moulali in Telangana third rank, Valeti Sai Abhinav from Chittoor district fourth rank, Durgempudi Karthikeya Reddy from Tenali in Guntur district fifth rank.

Rajeswari Ruchuru from Himayatnagar in Telangana sixth rank, Taddi Sai Venkat Yaswanth Naidu from Srikakulam district seventh rank, Gudipudi Keerthi from Addanki in Prakasam district eigth rank. Potnuru Abhish from Srikakulam district and Derangula Abhijit Sai from Rayachoti in Annamayya district secured the 9th, and 10th ranks respectively.

JNTUA School of Management Studies (SMS) NSS Cell organizes
Blood Donation Camp on World Blood Donors Day
Date:14.06.2023.

On the occasion of World Blood Donors Day, JNTUA School of Management studies NSS Cell organized Blood Donation Camp on 14.06.2023. The Chief Guest for the program was Prof.

C.Sashidhar, Registrar of JNTUA, Dr Narayana JNTUA Medical Officer and guest of honor Tarimala Amarnath Reddy, Founder of Manavata Blood Donors Organisation were present. The Blood Donation Camp was started exactly at 9.30 AM at the college dispensary with inaugural speech of Dr. T.Narayana Reddy, Head MBA Department. He said that blood is very necessary for every human being and we all should take it as a responsibility , as the blood we give now can save other's life. He encouraged the students to come forward and donate the blood. Later Prof. C. Sashidhar shared his personal experience in regards to the necessity of blood availability on time. He expressed his father's life situation where he was admitted in the hospital and was in need of blood. It was when he and his family members had to go around and get people who could come forward and donate blood for his father. This incident in his life made him realize the significance of blood in every person's life. He also mentioned special thanks to Sri Amarnath Reddy for the help he has been doing for the needy and saving their lives. Sri Amarnadh Reddy sharing his thoughts said there is a need of blood for

every two seconds and adds on saying that blood is the most valuable gift nature has given us, so it is solely our responsibility to remove the superstitions and raise awareness about the blood donation and transfusion. He shared few of his experiences that happened in 48 years of service and mentioned one of the incidents happened with two college boys who came to him as they were in need of blood to save their friends life. He went along with the boys to hospital and donated his blood and saved the life of their friend. This moved the two boys and they thanked him for the help. The main reason of Sri Amarnath Reddy doing this is to remove the fear among the boys & girls in donating the blood and this resulted in those two boys taking initiative and being helpful to those who are in need of blood in the future. Adding to this he mentioned everyone should act to remove the fear of donating blood. He also explained about the blood types that includes A, B, AB,and O and he also told that blood types are classified based on Rh factor.

All of these speeches by the dignitaries motivated the students and made them to come forward to donate

blood. About 50 students in the age group 21-24 donated blood voluntarily. In this program teaching staff, non – teaching staff and students participated and made camp a huge success.

Saga of Blood

-You do not lose anything through blood donation but someone can get a precious life.

- Dr. M. Narayana M.B.B.S
Medical Officer, JNTUA CEA, Ananthapuramu.

Blood and its composition:

Blood is a red sticky fluid, slightly alkaline in nature. It is composed of a fluid portion, the plasma (50-55% of the volume) and three types of corpuscles (45-50% of blood volume) namely erythrocytes (red blood corpuscles, RBC) leucocytes (White blood corpuscles or WBC) and blood platelets. The corpuscles are embedded in the plasma.

During intra uterine life of baby   the blood is produced by Liver and Spleen. After birth the blood is produced by Bone Marrow by long bones.

Plasma is light yellow fluid with 90 – 92 % water, 6 – 9 % proteins and 1 % of dissolved substances. Plasma acts in blood clotting and in defence of the body against diseases.
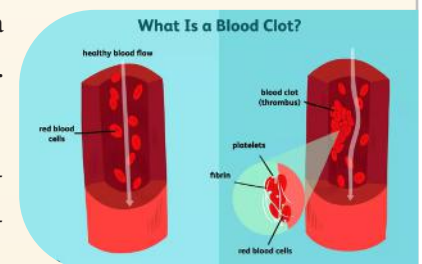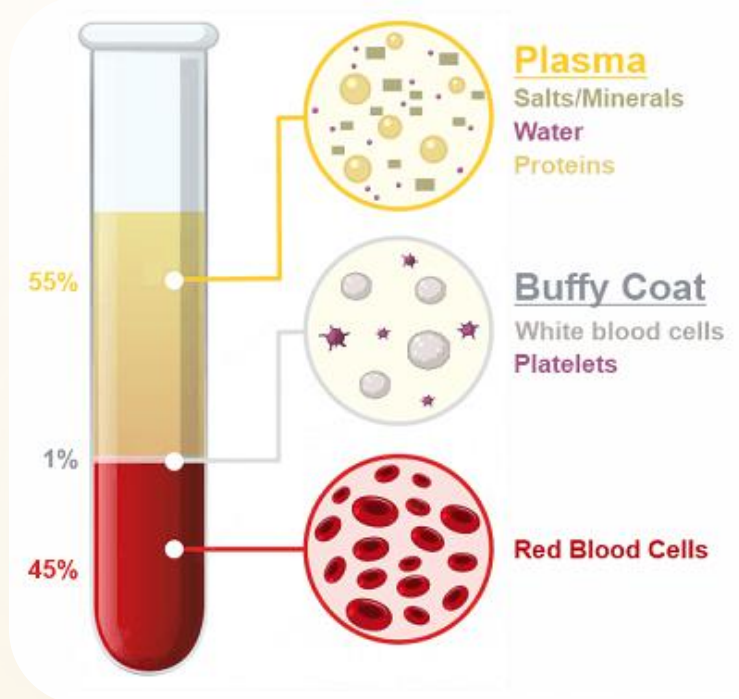
RBC or red blood cells or erythrocytes number about 5 million per cu.mm of blood in human. RBC are in the form of discs, both sides which are concave. These cells are called devoid of nuclei. These cells are formed in the bone marrow. Their average life span is 110 to 120 days. Worn out cells are destroyed by the spleen.
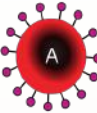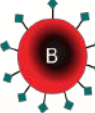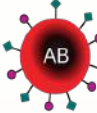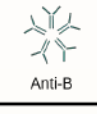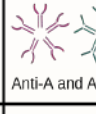
WBC or white blood cells or leucocytes are larger, fewer about 5 to 9 thousand cells per cumn of blood and contain one nucleus each. They are irregular shaped. They are of five different types namely neutrophylles, lymphocytes, basophils, eosinophils and monocytes. Their major function is to provide immunity to the body. The WBC's have a life span of less then 2 weeks and they are produced in the red bone marrow. An over production of WBC's results into a disease called leukaemia.

Platelets or thronbocytes are small spherical bodies numbering about 3,00,000 per cu.mm of blood. They play an important role in the formation of solid plug called clot at the site of injury to a blood vessel, so as to prevent further loss of blood. Blood platelets are enucleated. They live for only a few hours.

Blood Clotting: In case of injury the blood loss occurs. To prevent this loss, animals have evolved an elaborate mechanism which results in the clotting or coagulation of blood. During this process a series of chemical reactions takes place resulting in the formation of a clot that plugs a broken vessel.

When injury occurs, the damaged tissues and blood platelets release a substance called thromboplastin. On exposure to air the platelets disintegrate. In the presence of calcium ions, thromboplastin converts the inactive enzyme prothrombin (present in plasma) to an active enzyme thrombin. Thrombin finally convert the soluble fibrogen of plasma into insoluble fibres of fibrin. The fibrin entangles the blood cells and microbes to form a clot. Human blood escaping form the body normally clots within 3 to 4 minutes. The blood does not clot within the blood vessels because of the presence of an enzyme, antithrombin (heparin) in it.

	Group A	Group B	Group AB	Group O
Red blood cell type	A	B	AB	O
Antibodies in plasma	Anti-B	Anti-A	None	Anti-A and Anti-B
Antigens in red blood cell	A antigen	B antigen	A and B antigens	None

Blood Group	Can be transfused into	Can receive blood from
A	A and AB	A and O
B	B and AB	B and O
AB	AB only	All groups
O	All groups	O only

Blood Groups: The four types of blood are called blood groups and are known by the letters A, B, AB and O. Before the blood transfusion can takes place it is necessary to make sure that the donor's and recipients blood will mix together without agglutination. Blood groups which mix without agglutination are said to be compatible.

Blood compatibility depends upon chemical called agglutiogen or antigens on the surface of the red cells, and chemicals called agglutinin or antibodies in the plasma. These are of two types of antigens. A and B; and two types of antibodies; anti - A and anti – B.

Blood Group A has A antigen on its red cells and anti –B antibody in its plasma.

Blood Group B has B antigen on its red cells and Anti – A antibody in its plasma.

Blood Group AB has A and B antigens on its red cells and no antibodies in its plasma.

Blood Group O has no antigens on its red cells and has both anti – A and anti – B antibodies in its plasma.

Blood Transfusion: Anti - A plasma agglutinates A and anti – B plasma agglutinates B red cells. So these combinations of plasma and red cell are incompatible as far as blood transfusion is concerned.

These facts have given rise to a rule for blood transfusions: the donor's red cells must be compatible with the recipients plasma. Thus blood can be safely transfused as follows:

People with group O blood are called universal donor. Their red cells have no antigens and so cannot be agglutinated by blood of any other group people with Group AB are called universal recipients. Their plasma has no antibodies therefore it does not agglutinate blood from the other groups.

Rhesus Factor: About 85 per cent of humans have an antigen on their red cells called the Rhesus factor. People with the Rhesus factors are called Rhesus positive (Rh+) and those without it are called Rhesus negative (Rh-).

Rh-patients can receive one transfusion of Rh+ blood without harm because their plasma does not have an antibody to react with the incoming red cells. Subsequent transfusion however, may be dangerous because Rh+ blood stimulates the body of the Rh- recipient into producing a plasma antibody which agglutinates Rh+ blood. Such receipents are then said to be sensitized to Rh+ blood and will agglutinate any which is transfused into them. Rh- blood can be transfused into Rh+ people any number of times with harm.

A Rh+ father and Rh- mother could have Rh+ child. During pregnancy the developing child's red cells any enter the mother's blood, perhaps through a fault in the placenta. The mothers body will then produce an antibody which destroys Rh+ cells. This antibody will not harm her first child but if she has a second child Rh+ child and its red cells enter her blood she will produce more antibody and there is a danger that this will reach the embryo, destroy its red cells a condition known as erythroblastosis foetalis which may cause serious blood disorders or death.

This danger can bow be avoided. A Rh- mother which a new born Rh+ child can be injected with chemicals which stop her body producing the Rhesus antibody.

Blood Functions

1. In regulation of metabolism, transport hormones from the site of their production to that of their action.

2. Regulation of body temperature, osmo-regulation and acid base balance.

3. Clotting metabolism.

Uses 1. Blood transfusion during crisis like operations, accidents.

2. Medically it is transfused into hemoglobinopathies.

About the Author

Dr. M. Narayana completed MBBS in Bellary Medical College in 1974. Later he practiced in Anantapur and joined JNTU Anantapur in 1996 as Medical Officer. Since then he is serving the employees and students of the college.

News from Colleges

Madanapalli Institute of Technology & Science Annamaya District - 517325

Events organized during the month of JUNE – 2023.

♦ One Day Event on "World Environment Day 2023", was organized by Institution's Civil Engineering Society, on 05.06.2023.

♦ One Day Guest Lecture on "Machine Learning and its Applications" on 05.06.2023, organized by Department of Computer Science and Engineering.

♦ One Day Guest Lecture on "Recent Advancement in Smart Grid and Renewable Energy with Modern Computational Technique" on 05.06.2023, organized by Department of Computer Science and Engineering.

♦ Five Days Faculty development program on "Mathematics and its Applications" from 05.06.2023 to 09.06.2023 organized by Department of Mathematics.

♦ Five Days Online Faculty Development Programme on "Business Analytics", Organized byDepartment of Management Studies, from 12.06.2023 to 16.06.2023.

♦ One-week virtual International Faculty development program on "Research Insights on Recent Revolutions and Evolutions in Information Technology" from 12.06.2023 to 17.06.2023, organized by Department of Computer Science and Technology.

♦ One Day online seminar on Games and Ac-

tivities to make "Grammar Teaching and Learning Really Fascinating", organized by Department of English and Foreign Languages, on 14.06.2023.

♦ One Day Hands on workshop on "Image Processing using MATLAB", Organized by Department of ARTIFICIAL INTELLIGENCE on 24.06.2023.

♦ One Day Guest Lecture on "Big Data Analytics", organized by department of Computer Science and Engineering (DATA SCIENCE), on 30.06.2023.

♦ One Day Guest Lecture on "Ethical Hacking" (Security threats), Organized by Department of Computer Science and Engineering, on 17.06.2023.

♦ A session on the occasion of International Yoga Day, organized by NSS, on 21.06.2023.

♦ A session on Anti-Drug and Cyber Crime organized by NSS, MITS and the Mudivedu Police Station served as a catalyst for community engagement and awareness on 23.06.2023.

♦ A One Day session on enlightening awareness program on "Material & Quality Testing for private civil engineers" in Annamayya District on 23.06.2023.

♦ A One Day Guest Lecture on "Career Guidance on Recent Trends in Computer Science", Organized by department of Computer Science and Engineering, on 23.06.2023.

♦ MITS community Radio station commenced its operations broadcasting at the frequency of 90.8 MHz, the inauguration ceremony held great significance, with the esteemed presence of Prof. T. G. Sitharam Garu, Chairman of the All India Council for Technical Education (AICTE) on 24.06.2023.

◆ Five Days Faculty Development Programme on "Contemporary Progressions, Challenges and Issues in Metal 3D Printing Technology", organized by Department of Mechanical Engineering, on 26.06.2023.

◆ One Day Event on "World MSME Day 2023", Organized by Research and Development Cell, IIC Cell and ED Cell, on 27.06.2023.

◆ A Five Day online Faculty Development Programme on "Advanced Approaches & Innovative Intricacies for Modern Language Classroom", from 26.06.2023 to 30.06.2023, Organized by Department of English and Foreign Languages.

Sree Venkateswara College of Engineering Nellore- 524 316.

◆ **Events organized during the month of JUNE – 2023.**

◆ SVCN has Achieved "Autonomous" Status for 10 Year w.e.f 2023-24 to 2033-34.

◆ NCC NAVAL Camp by 10(A) Battalion NCC NAVAL held at SVCN Campus from 1st June to 10th june 2023.

◆ SVCN NSS Unit in Association with SVCN CDE Unit has organized "World Environment Day 2023" at SVCN Campus on 5th June, 2023.

◆ SVCN has received the participation certificate in (ATAL) Ranking of colleges (now merged as NIRF Innovation Ranking) on 07.06.2023.

◆ SVCN NSS Unit in Association with SVCN CDE Unit has organized International Yoga Day (IDY- 2023) at SVCN Campus by Yoga Trainer Sri B. Suresh on 21st June 2023.

◆ One Day Seminar on "Best Health Practices For Engineering Students" organized at SVCN Campus by Dr, T.V.S. Reddy, M.B.B.S from Produttur on 23rd June 2023.

◆ SVCN observes "International Anti-Drugs Day 2023" at SVCN Campus on 25th June, 2023. Chief Guest of the Day Sri Narahari, Circle Inspector, SEB, Nellore Region.

Seminar on "Bet Health Practices for Engineering Students"

One Day Seminar on "Best Health Practices for Engineering Students" Organized at SVCN Campus by Dr, T.V.S. Reddy, M.B.B.S from Produttur on 23rd June 2023 for I B.Tech Students to motivate them.

Dr T.V.S. Reddy has also given his valuable suggestions about how to maintain good health for sustained growth and stability for students. He has also demonstrated the Pranayaama on Pulse Oxymeter.

On this occasion Principal, HOD H&S, I Year B.Tech Staff , T&P Cell Incharge & Physical Director have participated in the program.

Training programs/Workshops/Guest lectures/FDPs/Motivation programs

Programs Attended by Faculty /Students : 01

Mrs. V.S.V. Harika, Asst. Professor, Dept of AI&DS has attended for a 30 day Master class on Artificial Intelligence Organized by Pantech E-learning during 24-04-2023 to 23-05-2023.

Programs Organized for Faculty /Students : 01

The Internal Placement Training started for the III Year B.Tech students. The training is going on the Technical, Verbal & Aptitude topics for all the branches of the III Year. (26-06-2023)

Number of Curricular/Co-curricular/Extra Curricular Competitions conducted for Students/Faculty

Organized : 01

Awareness Sessions on SVCN ISTE Chapter :

Principal Dr. P.Kumar Babu & ISTE Faculty Advisor Mr. S.M.Shafee have organized awareness Programs on Importance of registering for ISTE Chapter and the activates that proposed to be organized under the student chapter for all the branches of I Year B.Tech Students on 27th & 28th June, 2023 at college campus.

Number of NSS / NCC / Service programmes organized: 04

a) SVCN Hosted 10 Days NCC Camp - 10 (A) Battalion Naval NCC

It is a matter of pride for SVCN to Host 10 Days Camp at SVCN Campus for 10 (A) Battalion Naval NCC Unit under the Commanding Officer Commandant Vinay Ramachandran with ANOs (Assistant NCC Officers) of various Schools from 01st June, 2023 to 10th June, 2023.

As a part of NCC Camp , students undergone Class Room Training, Physical Training, Ship Sailing, Rifle Shooting, First Aid Treatment, Cultural Progamme Events, Camp Fire etc.,

Awareness Programs on "Cyber Security" was organized by Dr. K.V.Nagendra Professor & HOD CSE to the NCC Cadets,.

Also Kodavaluru Police Division officials interacted with NCC (Naval) Camp Cadets in SVCN Campus during the session.

Camp was associated with SVCN Physical Education Department (PED) Mr.R.Prasad (P.D), Mr. Ch Satish (Sr PET) Ms. Mamatha (PET), along with SVCN Hospitality Committee and Hostel Committee Mr. P Narsimha Swamy & to Mr Sithik Basha.

b) "World Environmental Day – 2023" at SVCN

SVCN through Board of Community through Education (BCDE) in association with SVCN NSS Unit celebrated the "World Environment Day 2023" in SVCN campus on 05th June, 2023 during 9.30 AM to 11.30 AM .

A Rally was organized with NSS & BCDE Volunteer students in nearby villages as "AWARENESS" on "ENVIRONMENT" and also to encourage for Green Environment "Tree Saplings" were planted in the campus .In this program NSS & BCDE volunteers along with NCC Cadets , Principal, NSS PO , BCDE Convener & other faculty have taken up "Environment Day" Pledge.

c) International Yoga Day – June – 2023 at SVCN Campus

9th International Yoga Day (IDY-2023) is organized at Sree Venkateswara College of Engineering Campus in coordination with NSS Unit, SVCN and BCDE Cell, SVCN on 21th June, 2023.

Around 60 NSS Volunteers & Various Department Faculty/Staff members have actively taken part the General Practice of Yoga. Yoga Trainer Mr. Suresh cited the importance of YOGA for students /elders in present day Walk of Life and made the Practice of Yoga Asanas (Postures) by the Volunteers, Faculty & Staff. For Improving Fitness & Immunity in the Students, Faculty & NSS Volunteers. On this day SVCN Chairman, Principal, Director, NSS Unit Program Officer, BCDE Cell In-charge, have also actively participated in the event & made the event a grand success.

D) "International Anti-Drugs Day 2023" at SVCN Campus.

SVCN – NSS unit in association with Special Enforcement Bureau of Govt. of A.P, observers "International Anti-Drugs Day 2023" at SVCN Campus

on 25th June, 2023. Chief Guest of the Day Sri Narahari, Circle Inspector, SEB, Nellore Region addressed SVCN students on "Say NO to Drugs". Chief Guest also motivated the students not to tend towards Drugs, which ruins the life of the person directly and indirectly the family. On this occasion Principal, NSS Unit PO, CDCE Convener, Faculty & Staff along student have taken up Pledge on "Say No to Drugs".

As per the intimation from Board of Community Development through Education (BCDE) on Learning Improvement Program (LIP) and Prerana Mitra App usage, an Awareness session was organized by Principal for SVCN BCDE Program Co ordinators Madam Narmadha, EEE & Dr T Subrahmanyam ,H&S along with All the Dept. BCDE Coordinators of at Principal chamber Up on the LLP and PMA app usage on 17.06.23.

Awards & Recognitions (mention only state/national/international level of recognitions):02

* Dr. Venkata Harshavardhan Reddy Dornadula, Advisor R&D, Startups and IIC, Sree Venkateswara College of Engineering, Andhra Pradesh, As a part of Corporate Social Responsibility (CSR), guided a Degree College student of S V Veterinary College, Tirupati in Start ups, Skills and Innovation as External Mentor , As a part, Education Minister of AP Sri. Botsa Satyanarayana. Felicitation to Dr. Venkata Harshavardhan as the successful Mentor of *Innovations for Society Eco-friendly Startups* under AP Scheme: AANIMUTYALU.

AP Hon'ble CM presented (Aanimuthyalu) selected students under 5 categories with Certificates & Medals under *HEIs Skill Development Project Category in Jagananna Aanimuthyalu Program.

* SVCN as MSME Incubation Centre participated in MSME Hackathon 2.0 and submitted 25 ideas for Ministry of MSME. Out which our college Idea (S No 111 , Idea No 006763) sent through "Sree Venkateswara College of Engineering, Nellore" for the Idea titled "Design and Development of Low Cost 3D ECG" has been selected for MSME funding under "Low Cost Indigenous Health Care System" Category.

SVCN R&D Advisor Dr. S.Arun from Chennai has motivated the students and reached success in making Idea Selected.

* SVCN Management has taken a Step to Start NCC Unit (Army) from this academic year onwards as a part of that application is being handed over to NCC (24 Bttn) office , Nellore on 28.06.2023 by SVCN NCC Unit(Army) Caretaker Mr Sithik Basha, Asst Professor.

Donate blood, save life! Donate blood, donate smile! Donate blood, give a smile to someone. Donate blood and gift someone a precious life.

KSRM College of Engineering
KADAPA - 516 005.

MONTHLY EVENTS' – JUNE 2023

A one week workshop on Game design S.D Cell in association with the department of CSE has organized a one week workshop on Game design using Unity 3D from 8 - 14, June 2023.

Department of ECE organized an Awareness program on "The Value of IEEE and Society Memberships" On 9th June 2023.

CSI in association with Dept. of CSE and AIML organized Byte Master on 19th June 2023.

NSS wing celebrated International Yoga Day on 21stJune 2023.

The cultural club celebrated World Music Day on 21st June 2023.

Training and Placement Cell organized an awareness program on Study Abroad in association with IMFS, Nellore for the II Year B.Tech Students. on 23rd June 2023.

Students participated in Basketball Championship at Guntur

KSRMCE Students participated in 1st Inter-District Basketball Championship at Guntur from 23rd to 25th June 2023.

Upskilling program in CE laboratories

The IIC of KSRMCE conducted a guest lecture on "Angel Investment/VC Funding Opportunity for Early Stage Entrepreneurs" on 24th June 2023.

Prof. V Giridhar and Dr. B Sudheer Kumar Reddy, Asst. Professor, Dept. of CE, has organized an upskilling programme in CE laboratories for the Diploma Civil Engineering students of MANUU Polytechnic College Kadapa on 26th June 2023.

Department of EEE organized Guest lecture on Industrial Automation and Control on 27th June 2023.

Ph.D awarded to the faculty member

*	Dr. D. Mallikarjuna Reddy, Asst. Professor, Department of Humanities and Sciences, (Physics) has been awarded Ph. D degree from Sunrise University, Alwar, Rajasthan, for his thesis entitled A Comparative Study of Electromagnetic Interference Analysis with NEW MIGRATION METHODS IN A SINGLE PHASE PHOTOVOLTAIC LATER FACING NETWORK.

Faculty achievements in June 2023

*	Dr. V. Giridhar, Professor, Department of C.E has published a research article entitled Analysis on Improvement of Soft clay Soils by Partial Replacement of CNS(Cohesive NON-Swelling Soils)in European Chemical Bulletin, 2023, 12(7),2315-2337.

*	Dr. M. Venkaranarayana, Dean R&D Cell, Professor, E.C.E Department has published an article entitled "Two stage multimodal medical image fusion with marine predator algorithm-based cascaded optimal DTCWT and NSST with deep learning" in Biomedical Signal Processing and Control, SCIE indexed journal, with an impact factor of 5.076.

*	Dr. M. Venkaranarayana, Dean R&D Cell, Professor, E.C.E Department has published an article entitled "MRI and CT Image Fusion using Carbon Texture and QWT decomposition and cuckoo Search - grey wolf- optimization" in Multimedia Tools and Applications, SCIE indexed journal, with an impact factor of 2.577

*	Dr. V. VenkataRamana, Professor, Department of C.S.E has published Springer (Scopus) Book Chapter "Quality of Smart Health Service for Enhancing the Performance of Machine Learning-Based Secure Routing on MANET" ISBN978-3-031-23602, 10th June, 2023.

*	Dr. V. Rama Chandra Reddy, Associate Professor and G. Sreedhar, Asst. Professor, Department of Humanities and Sciences, published a Scopus paper entitled "Effects of Hall current, Activation Energy and Diffusion thermo of the MHD Darcy force heimercasson Nano fluid flow in the process of Brownian motivation Thermophoresis" in journal of Advanced Research in Fluid Mechanics and Thermal Sciences Scopus indexed 2289-7879 Volume 105, Issue 2 - 2023 .

News from University

1.	48th Meeting of the Building committee was held under the Chairmanship of Hon'ble Vice Chancellor, JNTUA on 01.06.2023. The Registrar & Directori/c, Executive Engineer (R&B), Principal, University Engineer, Deputy Executive Engineer attended the meeting.

2.	A meeting was held under the Chairmanship of Hon'ble Vice Chancellor with Mr. Raj Chappidi, CEO, Advent Global Solutions, USA (through online) and team on 06.06.2023. The Rector, Registrar and university officials attended the meeting.

3.	A preparatory meeting on NAAC accreditation progress was held under the Chairmanship of Hon'ble Vice Chancellor on 08.06.2023. The Registrar, Director of IQAC, NAAC Criteria Coordinators, Principal, Vice Principal, Heads of the Departments, and faculty members attended the meeting.

4.	The Career Advancement Scheme interviews for the promotions of faculty members as Professors and Associate Professors were held under the Chairmanship of Hon'ble Vice Chancellor on 12.06.2023 & 13.06.2023.

5.	The Hon'ble Minister of Education, Andhra Pradesh; Principal Secretary of Higher Education, Andhra Pradesh; Chairman, APSCHE and Vice Chancellor of JNTUA as Chairman of APEAPCET-2023 released results of APEAPCET-2023 at Vijayawada, on 14.06.2023. The Convener, Co-conveners and Coordinator of APEAPCET-2023 attended the program.

6.	A meeting was held under the Chairmanship of Hon'ble Vice Chancellor with a team from Tata Consultancy Services on 15.06.2023 regarding Industry courses and Digital evaluation. The University officials and concerned faculty members attended the meeting.

7.	A meeting was held under the Chairmanship of Hon'ble Vice chancellor as the Chairman of ISTE, AP Region with the members of ISTE, AP region on 17.06.2023. The Convener and Members of ISTE, AP region attended the meeting.

8.	Honorable Vice chancellor attended the AIU - SIU Universities20 (Uni20) Conference for University Leaders of G20 countries with the theme 'The Future of the Universities: Making the World a better place to live in- The Transformative Role of Universities' organized by the Association of Indian Universities at Symbiosis International University, Pune during June 19-21, 2023.

9.	A meeting was held under the Chairmanship of Hon'ble Vice Chancellor on 22.06.2023 in connection with the Fact Finding Committee (FFC) Inspections for the academic year 2023-24. The Rector, Registrar, Directors, University officials and faculty members attended the meeting.

10.	The 32nd meeting of the Standing Committee for Academic Senate was held under the Chairmanship of Hon'ble Vice Chancellor on 23.06.2023. The Rector, Registrar and the members of the Standing Committee for Academic Senate attended the meeting.

11.	25th Executive Council (EC) meeting of JNTUA was held under the Chairmanship of Hon'ble Vice Chancellor on 24.06.2023. The Rector, Registrar and other Ex-officio members of Executive Council attended the meeting.

12.	A meeting on NAAC accreditation progress was held under the Chairmanship of Hon'ble Vice Chancellor on 27.06.2023. The Registrar, Director of IQAC, NAAC Criteria Coordinators, Principal, Vice Principal, Heads of the Departments, and faculty members attended the meeting.

News from Constituent Units

JNTUA CE Ananthapuramu

Renovated Science Block at JNTUA College of Engineering, Anantapur and 3rd floor of the Academic Block at JNTUA OTPRI is inaugurated by the Hon'ble Chairman, APSCHE and Hon'ble Vice Chancellor, JNTUA on 09.06.2023. The Registrar, Directors, University Officials, Principal, Vice Principal, teaching faculty and non-teaching staff attended the program.

JNTUA CE Kalikiri

1. Hon'ble Vice Chancellor as a Chief Guest attended the World Environment Day program conducted by the NSS Unit of JNTUA College of Engineering, Kalikiri on 05.06.2023. The Principal, NSS Program Officer, the teaching faculty, non-teaching staff and students participated in the program.

2. JNTUA College of Engineering Kalikiri has organized one day workshop on "Role of Accreditation in Quality Education" on 30.06.2023.

News from Affiliated Colleges

1. Directorate of Faculty Development Cell, JNTUA & Aditya College of Engineering, Madanapalle organized a faculty development program "Artificial Intelligence and Data Analytics for Engineering Applications" during 12 – 16 June 2023.

3. Hon'ble Vice Chancellor attended as Chief Guest to the Inaugural function of Five-Day Faculty Development Programme on 'Contemporary Progression, Challenges and Issues in Metal'at Madanapalle Institute of Technology and Science (Autonomous), Madanapalle on 19.06.2023. The Principal, Directors, Faculty members and Students of the college attended the program.

4. Directorate of Faculty Development Cell, JNTUA & Madanapalle Institute of Technology & Science, Madanapalle organized a faculty development program "Contemporary Progressions, Challenges and Issues in Metal 3D Printing Technology" during 19 – 23 June 2023.

5. Hon'ble Vice Chancellor attended as Chief Guest to the 2nd Graduation Day of G. Pullaiah College of Engineering and Technology (Autonomous), Kurnool on 26.06.2023. The Principal, Directors, Faculty members and Students of the college attended the program.

6. Directorate of Faculty Development Cell, JNTUA & Parvatha Reddy Babul Reddy Visvodaya Institute of Technology and Sciences, Kavali organized a faculty development program "Recent Trends in Electronics and Communications: Advances in Device Modeling and Signal Conditioning" during 26 – 30 June 2023.

7. Hon'ble Vice Chancellor attended as Chief Guest to 1st Graduation Day of Annamacharya Institute of Technology and Sciences (Autonomous), Tirupathi on 28.06.2023. The Principal, Directors, Faculty members and Students of the college attended the program.

8. An awareness program was conducted at Chaitanya Bharathi Institute of Technology in association with the drug vigilance police officer Mr. Venkateswara Rao. Students participated enthusiastically and interacted very well with police officer about drug abuse and trafficking.

University Examination Results

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

01-06-2023

Results of B.Tech IV Yr II sem (R19) Adv. Supple May 2023.

02-06-2023

Recounting results of B.Tech I Yr I sem (R15) Supple Feb 2023, B.Tech I Yr I sem (R20) Reg & Supple Feb 2023, B.Tech I Yr II sem (R15) Supple Feb 2023, B.Tech II Yr II sem (R15) Supple Feb 2023, B.Tech IV Yr II sem (R19) Regular May 2023, B.Tech I Yr I sem (R19) Supple Feb 2023, B.Tech II Yr II sem (R19) Supple Feb 2023, B.Tech I Yr II sem (R20) Supple Feb 2023 and B.Tech I Yr II sem (R19) Supple Feb 2023.

05-06-2023

Recounting results of MBA I sem (R21) Reg & Supple March 2023 and B.Tech II Yr I sem (R20) Reg & Supple Feb 2023.

06-06-2023

Recounting results of B.Tech IV Yr I sem (R19) Regular January 2023 and B.Pharmacy IV Yr II sem (R19) Adv.Supple May/June 2023.

07-06-2023

Challenge Valuation results of B.Tech III Yr I sem (R19) Supple Jan/Feb 2023.

15-06-2023

Recounting results of M.Tech I sem (R21) Reg & Supple April 2023, M.Tech I sem (R17) Supple April 2023 and M.Tech II sem (R21) Supple April/May 2023.

16-06-2023

Recounting results of MBA III sem (R17) Supple March 2023 and MBA III sem (R21) Regular March 2023.

20-06-2023

Results of B.Tech (Last Chance) Supple May/June 2023.

22-06-2023

Results of MCA, B.Tech & B.Pharmacy (Last Chance) Supple May/June 2023 and M.Sc I sem (R21) Reg & Supple April 2023.

23-06-2023

Recounting results of B.Tech IV Yr II sem (R19) Adv. Supple May 2023.
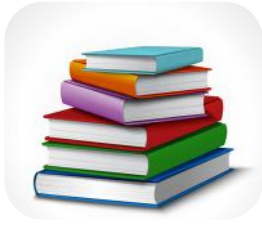
24-06-2023

Recounting results of B.Pharm IV Yr II sem (R19) Adv. Supple May 2023, MBA & B.Tech (Last Chance) Supple May/June 2023.

30-06-2023

Challenge Valuation results of B.Tech II Yr I sem (R15) Supple Feb 2023.

" Books / Book Chapters Published "

Dr. R. Rajani faculty of Geethanjali Institute of Science & Technology Nellore has published a Book Chapter on title of "Futuristic Trends in Artificial Intelligence" ID: IIPV3EB09_G66.

Awards and Recognitions

Prof. G. Prasanthi, Professor of Mechanical Engineering, JNTUA College of Engineering Anantapur appointed as NCC-IP Regional Co-ordinator, Andhra Pradesh on 16.06.2023.

Journal/Conference Publications

The faculty members of the University published 17 research papers and affiliated colleges have published 112 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. 2,80,044/-through Industrial Consultancy Services.

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 **June 2023**:

1. World Environment Day on 05.06.2023
2. Free Eye Check-up Camp conducted at Kuppum Engineering College on 10.06.2023.
3. International Yoga Day conducted on 21.06.2023.
4. A secret to retain beauty of body and mind conducted at Chaitanya Bharathi Institute of Technology on 21.06.2023.
5. World Drug Day on 26.06.2023.
6. Yuva utsav Program conducted on 28.06.2023 International day against drug abuse and illicit trafficking on 24th and 26th of June 2023.
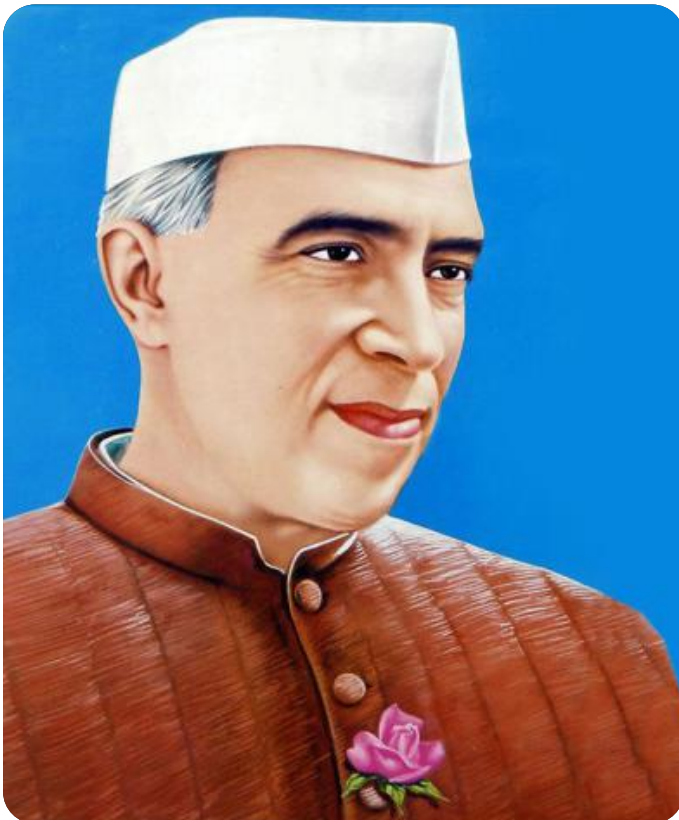
" To be successful in life what you need is education"
-------- **Pandit Jawaharlal Nehru**--------

" Patents Published/ Awarded "

1.   Avula Balakrishna faculty of Rajeev Gandhi Memorial College of Engineering & Technology has published a patent on "Novel Bio functional Iron Oxide Nano particles for Theranostic Applications" on 16.06.2023. The application no. is 202341032229.

2.   Avula Balakrishna faculty of Rajeev Gandhi Memorial College of Engineering & Technology has published a patent on Extract the marine and terrestrial natural products by Green chemistry process on 16.06.2023 the application number is 202341035851.

3.   Mr. O Sampath Kumar, K Viswanath and others faculty of Rajeev Gandhi Memorial College of Engineering & Technology have published a patent on "A Deep Learning-Based Prediction Model For Supervising Obstructive Sleep Apnea", by Indian Patent, Application No.202321032231, dated on 16-06-2023.

4.   Dr. Satheesh Kumar G, Professor, faculty of Seven Hills College of Pharmacy published a patent for Distillation apparatus, Application Number 6285031, 23 May 2023.

5.   Dr. K Subba Reddy and others faculty of Rajeev Gandhi Memorial College of Engineering & Technology have published a patent on "AI-based Student Monitoring Device for Classrooms", by Certificate of Registration for a UK Design, Comptroller-General of Patents, Designs and Trade Marks, Intellectual Property Office, Design number: 6290445, dated on 26-06-2023.

6.   Mr. Yagnambhatla Rajendra faculty of Seven Hills College of Pharmacy published a Patent Office Journal No. 26/2023; Application No.202341040367 A; Dated 30/06/2023. a novel, systematic method for isolating and characterizing antiulcerogenic compounds from medicinal plants.

7.   Dr. Y. Lavanya, faculty of Seven Hills College of Pharmacy published a patent for T- Maze device for Detection of Loco motor activity in animals on 30 June 2023 with application number 6293410.

8.   Dr. Usthulamuri Penchalaiah, G.Suresh, P. V. Krishna Rao, Dr. Kalahasthi Radhika, A. Harikrishna, K. Chandra Sekhar, Dr. K. Sravan Kumar, E. Prasanthi, MC Shanker, Z. Chaithanya, faculty of Geethanjali Institute of Science & Technology Nellore has published a patent on title of the invention "HELMET DETECTION" A.No. 202341030594 A.

9.   Dr. Usthulamuri Penchalaiah, G.Suresh, P. V. Krishna Rao, Dr. Kalahasthi Radhika, A. Harikrishna, K. Chandra Sekhar, Dr. K. Sravan Kumar, E. Prasanthi, MC Shanker, Z. Chaithanya faculty of Geethanjali Institute of Science & Technology Nellore have published a patent on title of the invention "AI TOOL FOR CHRONIC HEART FAILURE DETECTION FROM PCG DATA" A.No. 202341030589 A.

10.   Dr. Kalahasthi. Radhika, K. Chandra Sekhar, P. V. Krishna Rao, K. Sravani Kumari, Dr. K. Sravan Kumar, Dr. Y. Ravi sankar, Dr. Usthulamuri Penchalaiah, G. Suresh, B. Suresh Kumar, A. Silpa faculty of Geethanjali Institute of Science & Technology Nellore havePatented on "AI Controller-Based Sign Language Translator with Gesture Recognition into Speech Data" A.No. 202341030588 A.

Ph.D Awarded List

Ph.Ds Awarded: The University has awarded Ph.D. to 18 research scholars during this month. Details are as below:

Discipline	No. of Ph.D's Awarded
Electronics and Communication Engineering	03
Computer Science Engineering	02
Mathematics	02
Electronics and Communication Engineering	03
Chemistry	02
Pharmacy	01
English	03
Food Technology	02
Management	02
Total	**18**

Important National & International Days in June

1 June – World Milk Day is observed globally on 1st June every year to celebrate the important contributions of the dairy sector to sustainability, economic development, livelihoods and nutrition.
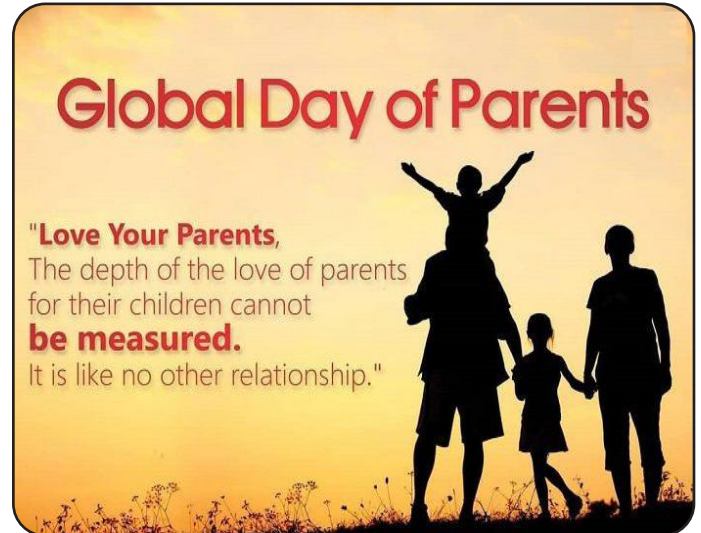
1 June- Global Day of Parents is celebrated on the 1st of June every year. UN General Assembly proclaimed this day in 2012 by passing a resolution that honours parents for their relentless support, sacrifice and commitment toward their children.

3 June - World Bicycle Day The UN General Assembly declared 3rd June as International World Bicycle Day to recognize the uniqueness, longevity and versatility of the bicycle, which are affordable, environmentally friendly fit sustainable means of transportation.


4 June – International Day of Innocent Children Victims of Aggression
Every year on 4 June, the UN International Day of Innocent Children Victims of Aggression is observed to raise awareness about the children who have suffered a lot throughout the world and are victims of physical, mental and emotional abuse. On this day UN affirms its commitment to protect the rights of children.

5 June- World Environment Day is observed every year on 5 June and is celebrated by more than 100 countries. The environment is a major issue, which not only affects the well-being of the people but also hampers economic development throughout the world.

7 June – World Food Safety Day is celebrated on 7 June to draw global attention to the consequences of contaminated food and water to health. This day focuses on the way to reduce the risk of food poisoning. The safety of food is key to achieving Sustainable Development Goals.
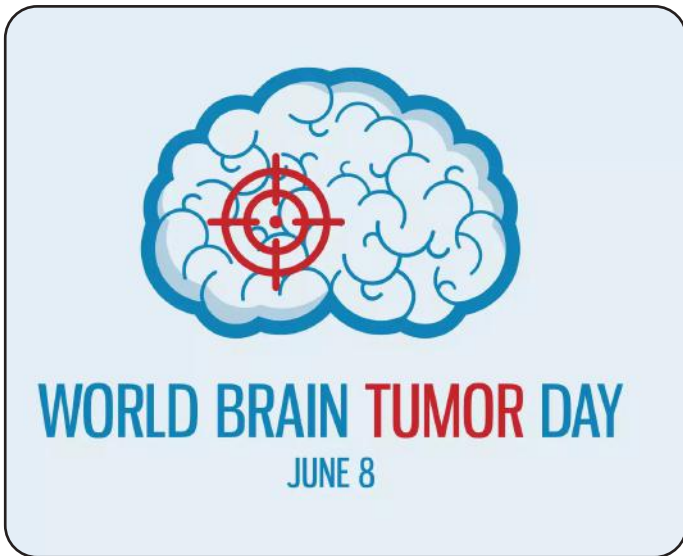
8 June- World Brain Tumour Day on 8 June to raise international public attention to the people that are suffering from serious diseases and the urgent need for more research. Several events are organised around the world to educate about brain tumours.

12 June - World Day Against Child Labour is launched by the International Labour Organisation (ILO) to focus attention on the worldwide extinction of child labour, efforts and the action required to eliminate it. In 2015, world leaders adopted the Sustainable Development Goals (SDGs) in which they included a clause to end child labour.

14 June - World Blood Donor Day is observed on 14 June every year to raise awareness about the urgency of blood donations all over the world and to acknowledge and appreciate blood donors for their support.

15 June - World Wind Day is observed on 15 June globally to promote clean energy. It is a day to discover wind energy, its power and the possibilities it holds to reshape our energy systems, decarbonise our economies and increase jobs and growth.

18 June - World Father's Day (3rd Sunday of June) It is observed every year on the third Sunday of June to commemorate fatherhood and appreciates all fathers for their support and contribution to society.

19 June - World Sickle Cell Awareness Day is held annually since 2008 to raise awareness about Sickle Cell Disease (SCD) and the struggle that the sufferers or a patient family face. This day was officially adopted by the General Assembly of the United Nations, to recognise SCD as a public health concern.
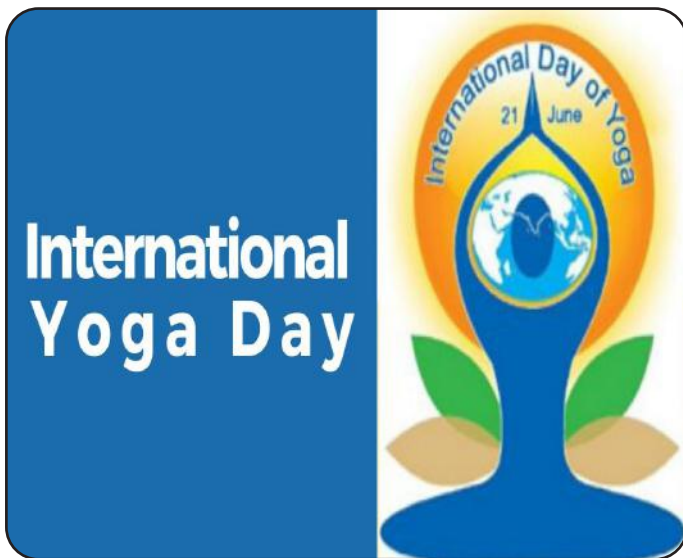
21 June – International Yoga Day is celebrated across the globe on 21 June to raise awareness about yoga in life and to make people aware of the benefits of yoga. In India, International Yoga Day is celebrated by the Ministry of AYUSH.

21 June - World Music Day is celebrated on 21 June to promote music on an international level and is a way to establish global harmony through music.

22 June- World Rainforest Day is a global observance held annually on June 22nd. It is a day dedicated to raising awareness about the importance of rainforests and promoting efforts to protect and conserve them.


23 June - International Olympic Day is celebrated on 23rd June every year to make people aware of the importance of games in life. Olympic Day is much more than a sports event. It is a day for the world to get active.


23 June - United Nations Public Service Day is designated by the UN General Assembly to celebrate 23rd June as Public Service Day. It highlights the contribution of public service in the development process, recognises the work of public servants and encourages young people to pursue careers in public sectors

26 June - International Day against Drug Abuse and Illicit Trafficking is observed on 26 June every year to make people aware of the harmful effects of drugs and to determine a society free of drug abuse. It was established by the United Nations General Assembly to strengthen global action and cooperation.

International Day Against **Drug Abuse** and **Illicit Trafficking**

June 26

26 June - International Day against Drug Abuse and Illicit Trafficking
is observed on 26 June every year to make people aware of the harmful effects of drugs and to determine a society free of drug abuse. It was established by the United Nations General Assembly to strengthen global action and cooperation.

FATHER OF INDIAN STATISTICS

Prasanta Chandra Mahalanobis

29 June 1893 – 28 June 1972
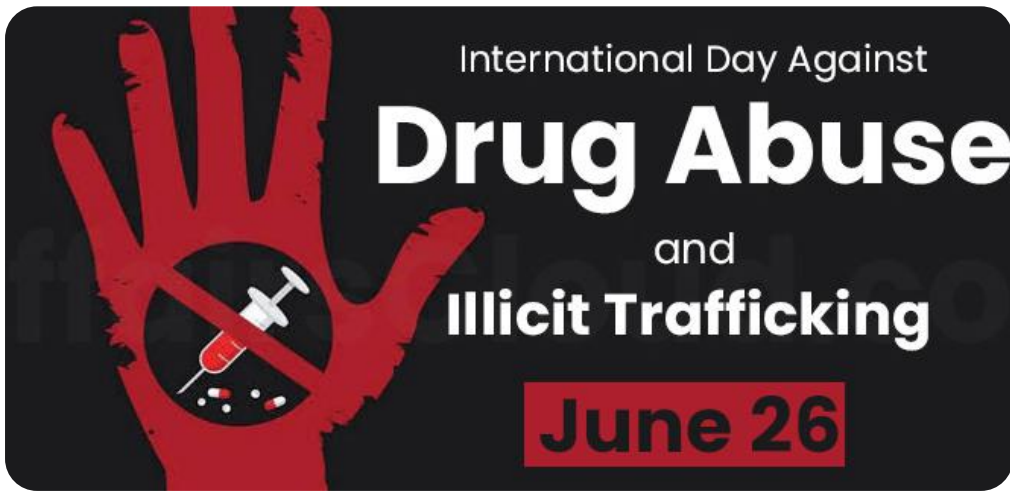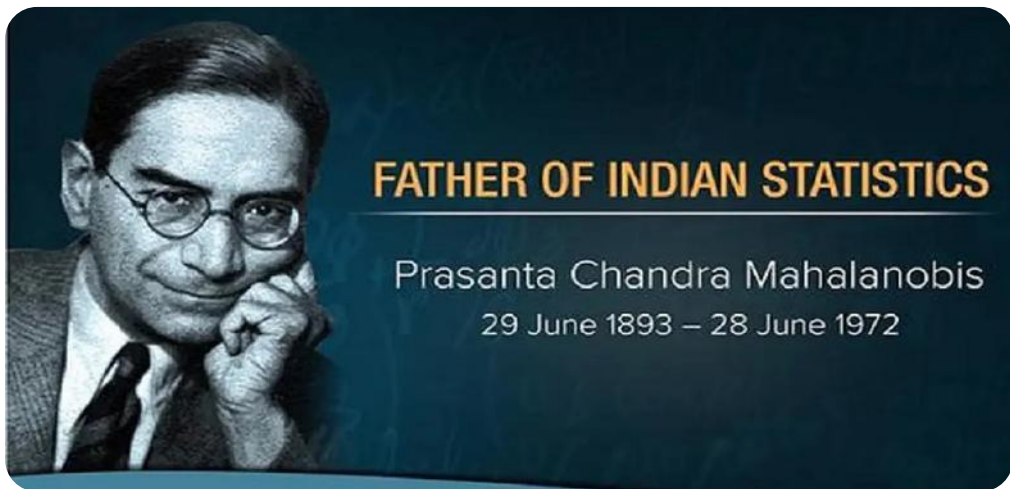
29 June: National Statistics Day is observed on 29 June to popularise the use of Statistics in everyday life. The day commemorates the birth anniversary of Prof. P C Mahalanobis. .

International Day of the Tropics

29 June: International Day of the Tropics is observed on 29 June annually to spread awareness about conservation strategies and to promote tropical regions on Earth.

INTERNATIONAL ASTEROID DAY
30 JUNE

30 June - World Asteroid Day
Asteroid Day is an event observed on 30 June to provide online education about the asteroid. This event is held on the anniversary of the Siberian Tunguska event that took place on 30 June 1908. It is the most harmful known asteroid-related event on Earth in recent history. The United Nations passed a resolution for celebrating 30 June as Asteroid Day.

Don't let the Shadow Hold You Back: Embrace your Dreams

"Nothing can grow under the shadow of a big tree". We have all heard of this saying and the narratives that made us believe that it is difficult for small or new ideas to thrive and make their own mark when overshadowed by something larger than themselves. This saying is passed from one generation to another and has become part and parcel of our upbringing by having a huge influence on our perspective and choices we make in the life. Narratives of this sort have subconsciously installed a fear and inhibitions in the minds of younger generation, making them hesitant to try new things or to think out of the box to make their own path. My dear students with my knowledge and experience about the life I can say that the above saying is not entirely true.

There are many inspirational stories of individuals and business in our surroundings that has proven that with determination and hard work we can outgrow the cast of the shadow and make our own mark in the world. One such inspirational journey that fascinated me most while I am growing up is the journey of Microsoft. Initially Microsoft was a small start-up when it started, it has to compete against the than technology giant IBM. Despite the odds Microsoft persevered and eventually became one of the most successful companies in the world.

I urge you all not to succumb to the boxes created by narratives; to be successful in life you need to keep your mind open let go of your inhibitions and fear of trying new things. Always remember your minds, thoughts and actions are meant to create the miracles by exploring the lesser travel woods that paves the way to others. We should not let the fear of failure or the belief that we cannot make a difference limit our potential. We all need to have believe in our dreams and our capacity to achieve it.

So, let us not be intimidated by the shadows of the big trees, but rather let us learn to use them to our advantage by seeking inspiration, guidance, and support. Let us not be afraid to challenge the status quo and explore new territories, for it is only by taking risks and stepping out of our comfort zones that we can truly grow and reach our full potential. Therefore, let's embrace the unknown, seize opportunities, and work towards creating our own identity and making our own mark in the world. Remember my friends at theend of the day what real matters is your courage to dream big and the effort you put in to achieve it.

క్లైబ్యం మా స్మ గమః పార్థ నైతత్త్వయ్యుపపద్యతే
క్షుద్రం హృదయదౌర్బల్యం త్యక్త్వోత్తిష్ఠ పరంతప!

Prof. K. Hemachandra Reddy
Chairman, APSCHE

LENS TECH

A meeting was held under the Chairmanship of Hon'ble Vice Chancellor with Mr. Raj Chappidi, CEO, Advent Global Solutions, USA (through online) and team on 06.06.2023.

A preparatory meeting on NAAC accreditation progress was held under the Chairmanship of Hon'ble Vice Chancellor on 08.06.2023.

Blood Donation on 14-06-2023 by School of Management Studies JNTUA in association with Manavata Blood Donors Organisation

A meeting held under the Chairmanship of Hon'ble Vice Chancellor on 22.06.2023 in connection with the Fact Finding Committee (FFC) Inspections for the academic year 2023-24.

The 32nd meeting of the Standing Committee for Academic Senate was held under the Chairmanship of Hon'ble Vice Chancellor on 23.06.2023.

8.   25th Executive Council (EC) meeting of JNTUA was held under the Chairmanship of Hon'ble Vice Chancellor on 24.06.2023. The Rector, Registrar and other Ex-officio members of Executive Council attended the meeting.

A meeting on NAAC accreditation progress was held under the Chairmanship of Hon'ble Vice Chancellor on 27.06.2023. The Registrar, Director of IQAC, NAAC Criteria Coordinators, Principal, Vice Principal, Heads of the Departments, and faculty members attended the meeting.

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 submissions 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 of alumni, articles on science and technology which induce technical and scientific thinking. Also students members seeking career counselling in their 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.

Editorial Team
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Tech Ananth

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