

TECH ANANTH

... infinite technology

Volume 2 Issue VI

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How To Make Campus Live in Student Point of View

"Do something today that you'll be glad you did afterwards."

- Dr.E Keshava Reddy

Life of a student



You are probably astounded by the variety of institutionally supported student activities available for your enrichment and enjoyment, regardless of how small, tall, grande, or venti your campus is. Choosing how much time you have after studying and which extracurricular activities will be most rewarding may be your hardest obstacle.

No matter how many extracurricular activities, clubs, and organisations your university provides, it's crucial for you to be able to pursue them for educational, recreational, and personal reasons. Students, alumni, instructors, staff, and community members should all always enjoy and benefit from student life.

Different organized Groups on Campus

Organisations for Students

An organisation is typically established, managed, and sponsored by an executive officer, dean, or head of a significant academic or operational unit. It is typically founded and controlled by current students. Additionally, an organization's mission must be in line with the goals of its sponsor and college.

Sororities and fraternities

At colleges and universities, fraternities and sororities are social groups. Fraternities and sororities are frequently referred to as "Greek life" and "Greek letter organisations" (GLOs). Typically, membership is obtained during your undergraduate years, but it is a lifetime commitment. Secretiveness, single-sex membership, hurrying and committing to choose new members, living in a communal dwelling, and identification with Greek letters are the five

characteristics that most Greek organisations have. Fraternities and sororities frequently provide parties and other events that may be well-attended across campus in addition to participating in charitable endeavours.



Inclusion of Different Cultures

Indeed, promoting diversity and multiculturalism is important, not just on college campuses but also in local communities, companies, and organisations around the globe. You can start by looking for opportunities at your college if you're interested in raising awareness of this topic on campus and outside. It is possible that you will come across unofficial get-togethers, talks, campus-wide events, individual students' classes, and other activities aimed at fostering varied, multicultural, and inclusive societies.



Civic Participation and Leadership

Many possibilities exist at most institutions for you to gain knowledge of civic involvement and leadership on campus and in the larger community. What is civic participation? It's your participation in defending and advancing a multicultural, democratic society—clearly, leadership plays a crucial role in this. Student government organisations, leadership seminars and retreats, social change projects, volun-

teer opportunities, social innovation initiatives, and many other student organisations and ventures may be connected to these goals.



Giving Back and Volunteering

If you're like most first-year college students, you've probably already volunteered. You might have participated in community service as a fundraiser or as a member of a religious organisation. Any volunteer activity you started can continue in college as well because your school will offer a variety of unique and worthwhile opportunities to stay active, work on social issues, and make the world a better place. Philanthropy, activism, social entrepreneurship, advocacy, and direct service are all examples of service and volunteer work.

Activity of Students

On any given day, students may be engaged in activities around the clock on any college campus, satellite location, or virtual space. Student organisation activities, special presentations, meetings, performances, sporting events, intramurals, leisure pursuits, neighbourhood community pursuits, celebrations of holidays past, present and future, among others, may all fall under this category.

Your pursuit of any interests that advance your learning and improve your academic experience is warmly encouraged. Your involvement may broaden your horizons, hone your interests, and introduce you to new individuals.

Informational Resources for Campus Organisations

Learning about all the events, activities, clubs, organisations, athletics, performing arts, etc. that take place on campus can be overwhelming. You might occasionally need to dig a little further. Starting with the materials listed below is a good idea:

- Site of your institution: Try running a search for "student life" or "college life" on your college's

website using any of the following keywords: clubs, organisations, student services, student activities office, special events, events calendar, performing arts calendar, athletics calendar, etc.

- Email: Be mindful of the numerous emails from campus offices and organisations that you get. They advertise a wide range of events and chances for you to get involved with campus life and student life.

- Other technology-based student support services: If any other technology-based student support services are offered, make use of them. Some colleges, for instance, make use of an internet platform that links student organisations and enables them to recruit new members. You could use this tool to obtain a list of student organisations, decide which ones you would be interested in joining, and learn about upcoming activities. Additionally, you can look for organisations based on hobbies or categories.

- Social media is also one of the ways!: The majority of organisations maintain current information on Facebook, Twitter, Instagram, and other platforms. You can find individual social media accounts for campus groups through the resources provided by the college.

Look at the notice boards as you walk through the hallways of academic buildings, dining halls, athletic facilities, dorms, even neighbourhood service businesses and retail establishments. The dates, times, and locations of events are frequently listed on flyers. Keep an eye out for what people are up to in their free time. This is a great method to meet new people and associate with those who share your interests. Visit the student affairs office or the office of student activities as soon as possible. Student organisations frequently have physical spaces in both of these.

Make an effort to provide areas where students can congregate

Living experiences are just as crucial for a young person's development as reading about relevant topics, which is an essential learning tool. A student has to be active while on campus, taking part in activities like football games, listening to new music, and even experiencing different cultures, languages, and viewpoints. Particularly in college, stu-



dents need public spaces where they may congregate, mingle, and participate in conversation, debate, and relationship-building.

Universities are full of people from many walks of life, so you want to make sure that you've designated areas where they may congregate and



forge a strong university community despite their differences. Construction of residence halls, student centres, public gathering places, cultural hubs, concert halls, and other such amenities can help draw students together and strengthen the campus community.



These on-campus amenities inspire students to socialise, broaden their horizons intellectually, and develop personally. Additionally, they contrib-

ute to the transformation of the campus into a community of students who are connected by respect for one another and shared university ideals.



Hone abilities that are pertinent to your course work

You could find that certain types of tasks keep popping up as you go towards your degree. A chemistry student may have to do numerous lab reports, a math major may take sit-down exams that call for the memorization of difficult formulae, and an English major may be required to write numerous essays.

If academic achievement is how you judge your success, you might want to focus on improving your test-taking abilities. Consider how you might use your strengths, and try not to criticise your apparent weaknesses. Your school or department may have additional peer-review options available to students, such as writing workshops or group study sessions, to assist with your areas for growth.



Advantages of Being Active in Student Life

How can being completely involved in student life affect student satisfaction and academic success in such a favourable way?

Student achievement is directly correlated

with student involvement in the institution, according to a national survey analysing students' involvement in extracurricular and academic activities. According to survey findings, students are more likely to enrol again the following semester and get higher marks the more engaged they are in their studies. All of this appears to lead to fulfilment. The various advantages and rewards that come from being actively involved in campus and student life are listed below.

- Students are encouraged to pursue their passions and interests through extracurricular programmes and activities. Students discover more about their skills and potential career pathways as they pursue their hobbies. These discoveries may have a long-lasting and profound impact.

- Developing an experience portfolio A potential employer may find your experience with practically any part of college life to be pertinent. Make sure to keep note of your activities and experiences if you earn leadership experience in a club, for instance, so you can look back on what you did (you might wish to keep track of your activities and experiences in a diary, for example).

- Co-curricular activities are frequently chosen by students because they are entertaining and personally satisfying. A wonderful method to relieve tension from cramming for exams and studying hard is to have fun.

- When students participate in extracurricular activities, they frequently contact with others, which results in new relationships, the development of social skills, and a sense of belonging to a group. Hav-

ing pals that share your interests and fostering these bonds over time is always a smart idea.

- College campuses nowadays increasingly reflect and celebrate the heterogeneous nature of American society. You will observe this in extracurricular activities, clubs, organisations, and events in addition to the classroom. For instance, your institution might have organisations for Black students, Asian Pacific students, Japanese students, Chinese students, and many others. Students who have access to these resources can learn about various cultures and get ready to live, work, and prosper in a vibrantly diverse world.

- It can be a wonderful confidence booster for youngsters to pursue their specific interests through extracurricular activities. Academic success can surely be a source of happiness and affirmation, but it's wonderful to have extracurricular activities that also recognise your unique talents.

Conclusion

Each student's participation in the campus community is essential, and the college itself benefits from it as well. It's a beneficial partnership for all parties involved.

Utilising as many aspects of college life as you can while still meeting your academic obligations is the key to making the most of your time there. That should be very clear, right? It may be less visible, but concentrating solely on your academic work and avoiding participating in any of the many and varied cocurricular activities available on campus might have a significant cost and possibly jeopardise your success.

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.

PROOFS WITHOUT WORDS : VISUAL REPRESENTATION OF CERTAIN MATHEMATICAL THEOREMS

- Prof. P.R. Bhanu Murthy

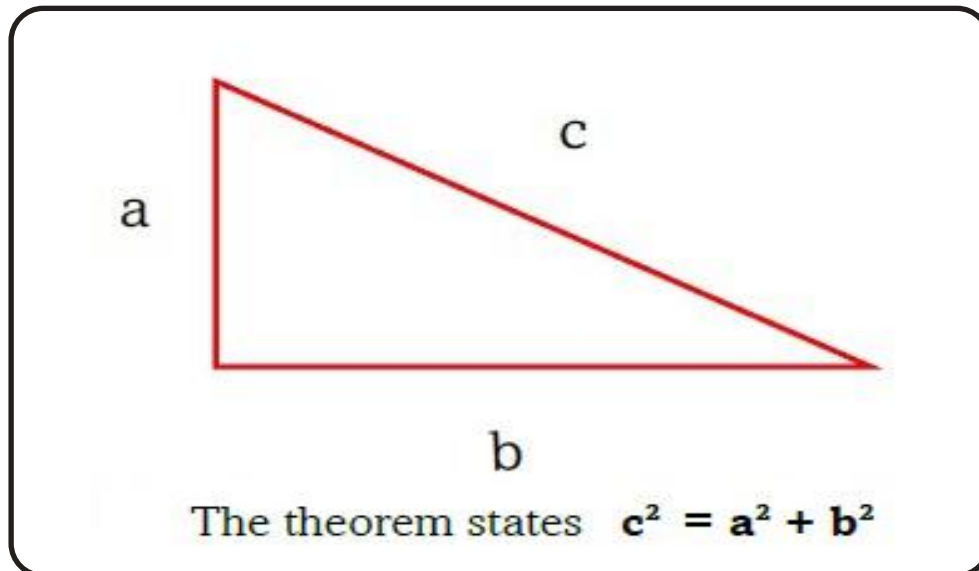
Many students of Intermediate and Engineering are afraid of Mathematics subject, the reason being the complicated steps involved in proofs of certain well known mathematical theorems. But it is possible to interpret the theorems without words, by visual representation. The diagrams themselves prove the equations connected with theorems. Of course, these are not the

proofs in the real sense, but they present the theorems in a different perspective, so that the students feel certain kind of amusement and their interest in the subject gets ignited. This article is an attempt in presenting some interesting visual interpretations of certain mathematical theorems and their unconventional proofs.

1. Pythagoras Theorem: Simple Proof

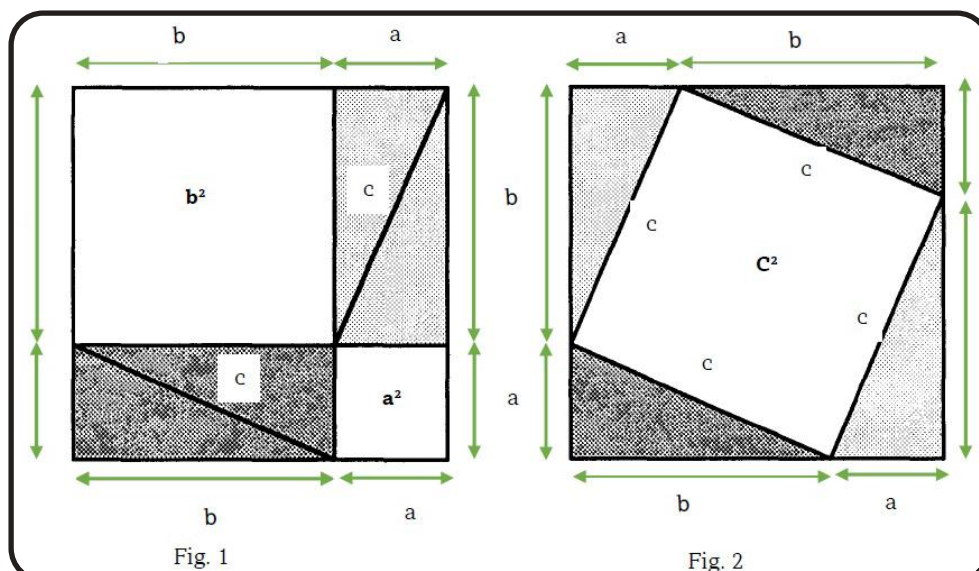
Every engineering student knows the Pythagoras Theorem that states “The square of the hypotenuse of a right-angled triangle is equal to the sum

of the squares of the two sides of the triangle”. This theorem has led to many significant applications in many fields.



The proof of this theorem as taught in elementary schools is quite complicated for the students at

that level. The same can be proved by a simple diagram as given below:

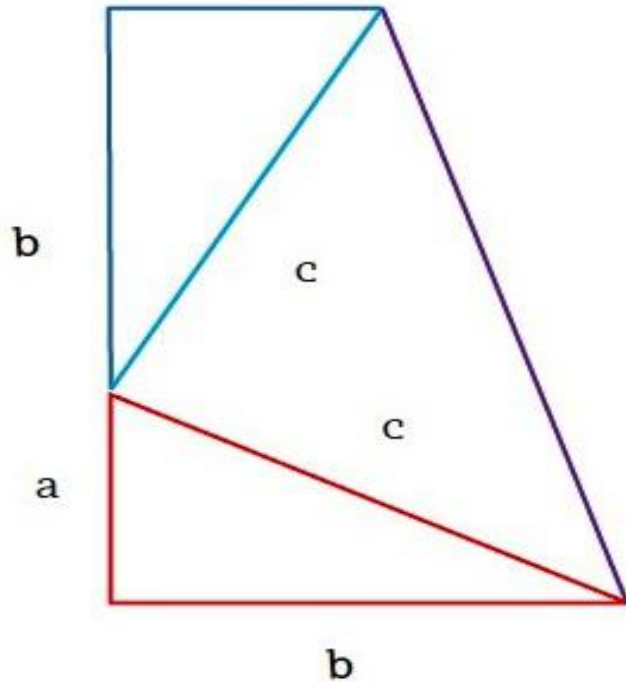


It is obvious from Fig.1. and Fig.2. that they represent a square with same area $(a+b)^2$. There are four right angled triangles in each figure, having **a and b** as sides and **c as hypotenuse**. But the arrangement of these right angled triangles is different in both the figures. Apart from these triangles, the figures contain some empty white space also. The

total empty white space in Fig.1.is $a^2 + b^2$. Obviously, this must be equal to total empty white space in Fig.2. as the total areas of both the figures are same. The area of empty white space in Fig.2. is c^2 .

Therefore, $a^2 + b^2 = c^2$. **That's the Pythagoras Theorem!**

2. Pythagoras Theorem: Another Simple Visual Proof



Let us start with a red right angled triangle with sides a and b with hypotenuse c . Now, if you look at the above diagram, what we have done is extending the line ' a ' by ' b ' making it's length $a+b$.

Drawing another line at the top with length equal to ' a '. Connecting these two new lines obviously gives a hypotenuse of length equal to ' c '. **Let us connect the bottom end and top end making it a trapezium.**

Area of the Trapezium:

The area of the trapezium can be computed by two ways.

Considering the entire trapezium as a single entity:

$$\text{area} = \frac{1}{2} (a + b)(a + b) = \frac{a^2}{2} + \frac{2ab}{2} + \frac{b^2}{2} = \frac{a^2}{2} + ab + \frac{b^2}{2} \dots\dots (1)$$

Considering the entire trapezium as a combination of three triangles:

$$\text{area} = \frac{ab}{2} + \frac{ab}{2} + \frac{c^2}{2} = ab + \frac{c^2}{2} \dots\dots\dots (2)$$

Equating (2) and (1), we get,

$$ab + \frac{c^2}{2} = \frac{a^2}{2} + ab + \frac{b^2}{2}$$

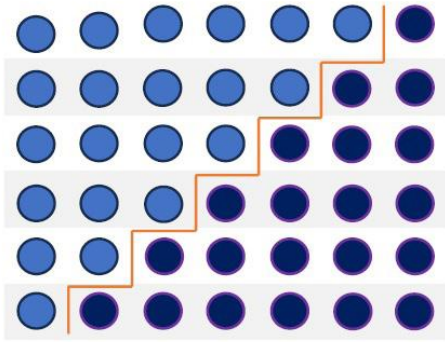
$$\Rightarrow \frac{c^2}{2} = \frac{a^2}{2} + \frac{b^2}{2}$$

$$\Rightarrow c^2 = a^2 + b^2$$

How simple it is!

3. Sum of Numbers 1 To N: Simple Proof

We know the sum of numbers from 1 to n is $\frac{n \times (n+1)}{2}$.



Let us prove it by a diagram. Now look at the above figure. There are 6 rows and 7 columns of balls. So it is a 6 x 7 rectangle, having 42 balls.

Half of them means 21, as can be seen in the figure divided by a line. You observe these balls with different colors shown in each half. The total of each half, if you go by each row is, $1+2+3+4+5+6 = 21$.

Isn't it? It can be written as

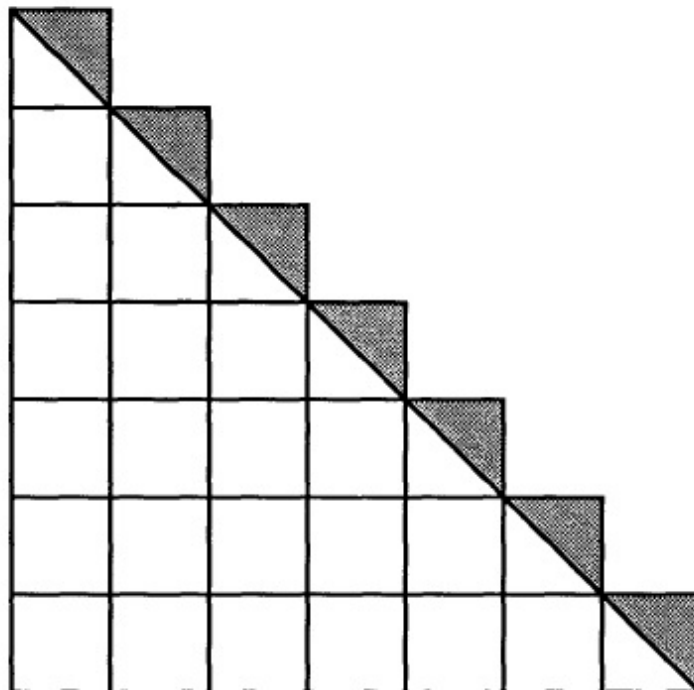
$$1 + 2 + 3 + 4 + 5 + 6 = 21$$

$$\Rightarrow 1 + 2 + . + . + . + 6 = \frac{6 \times 7}{2}$$

$$\Rightarrow 1 + 2 + . + . + . + n = \frac{n \times (n+1)}{2}$$

We got the proof!

4. Sum of Numbers 1 To N: Another Simple Visual Proof



Look at the above diagram where squares are arranged one over the other, the base containing 7 squares, above which there are 6 squares and so on up to 1 square at the top. Let each square be of side 1 unit such that the area of each square is 1 square unit. Now the total area of the complete figure is 28 squares x 1 square unit = 28 square units. Which is nothing but $1 + 2 + 3 + 4 + 5 + 6 + 7$. You can see in the above figure a diagonal line drawn from top left corner to

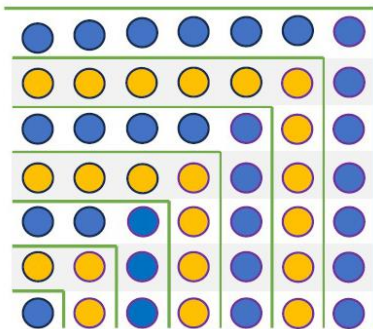
bottom right corner. Whatever area of the figure falls outside this line is given a black shade. This is just to calculate the total area by alternate method. We can consider the white part as a triangle, whose area is $(7 \times 7) / 2 = 24.5$ square units. The black portion is 7 half cells of each 1 square unit. So the total area is $7 \times 1/2 = 3.5$ square units. Total area is $24.5 + 3.5 = 28$ square units. So we can write

$$1 + 2 + 3 + 4 + 5 + 6 + 7 = \frac{7 \times 7}{2} + 7 \times \frac{1}{2} = \frac{7 \times 7}{2} + \frac{7}{2} = \frac{7 \times 7 + 7}{2} = \frac{7(7+1)}{2}$$

$$\Rightarrow 1 + 2 + \dots + n = \frac{n \times (n+1)}{2}$$

5. Sum of Odd Numbers 1 To (2n-1): Simple Proof

We know the sum of odd numbers from 1 to (2n-1) is n^2 . Now see the following diagram.



We can see that it is a square of 7 rows and 7 columns and so total number of balls are $7 \times 7 =$

49. You can also see that there are balls with two different colors, the set of each color balls is fixed in a boundary for our convenience and understanding. Let us go on adding the balls, starting from the bottom most left blue ball, continuing upwards, adding all the balls in each enclosure. It comes to $1 + 3 + 5 + 7 + 9 + 11 + 13$. Right! So, the total is 49.

$$\begin{aligned} 1 + 3 + 5 + 7 + 9 + 11 + 13 &= 49 \\ \Rightarrow 1 + 3 + 5 + \dots + (2 \times 7 - 1) &= 7 \times 7 = 7^2 \\ \Rightarrow 1 + 3 + 5 + \dots + (2 \times n - 1) &= n \times n = n^2 \end{aligned}$$

We got the proof. Right!

6. Squares And Sums Of Integers : Simple Proof

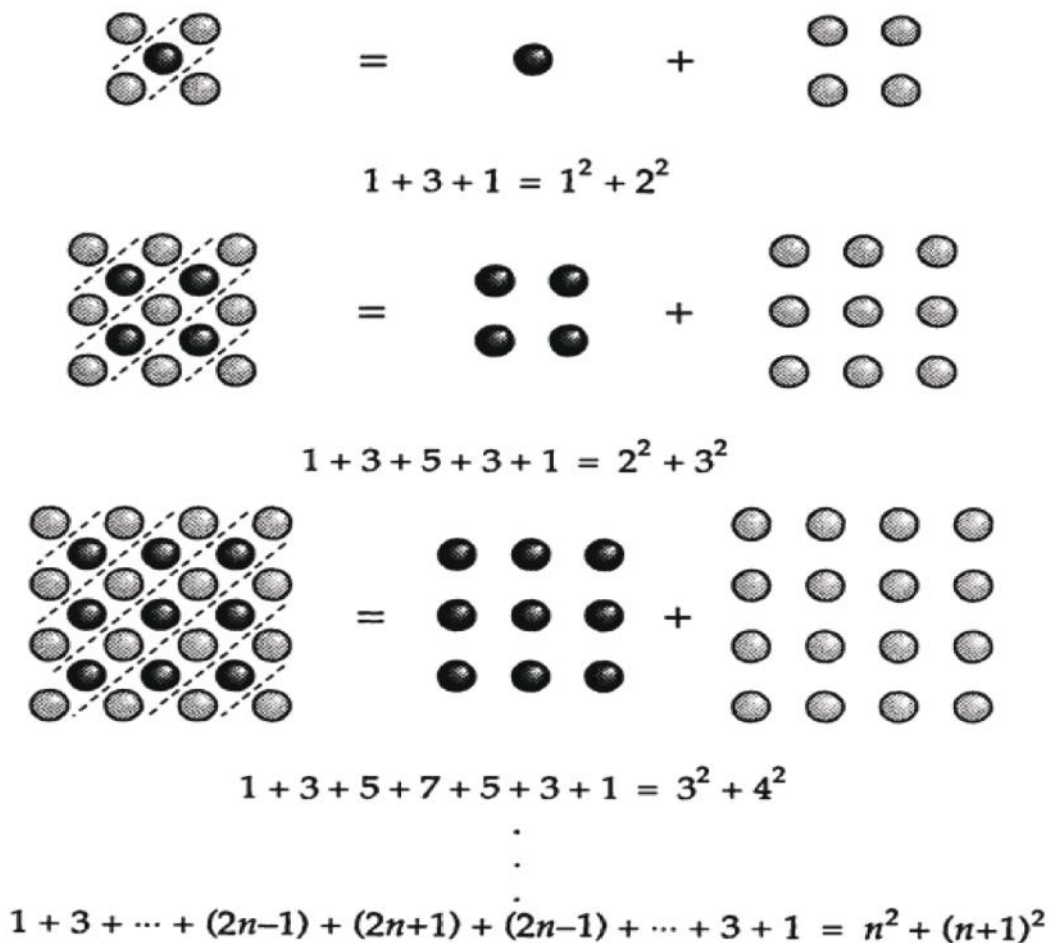
$1 + 2 + 1 = 2^2$

$1 + 2 + 3 + 2 + 1 = 3^2$

$1 + 2 + 3 + 4 + 3 + 2 + 1 = 4^2$

$1 + 2 + \dots + (n - 1) + n + (n - 1) + \dots + 2 + 1 = n^2$

7. Squares And Sums Of Integers :Another Visual Example



8. CONCLUSION

Bertrand Russell, a renowned philosopher, and author, said “Mathematics, rightly viewed, possesses not only truth, but sublime beauty- a beauty cold and austere, like that of sculpture, without appeal to any part of our weaker nature, without the gorgeous trappings of painting or music, yet sublime-

ly pure, and capable of stern perfection such as only a greatest art can show”. If this article makes even a single student to admire the beauty of mathematics, the author feels his purpose is served.

(Courtesy: *Proofs without Words* by Roger B. Nelsen).

About the Author



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



Specialised M.Tech course on Bridges, Tunnels @ JNTU Anantapur from AY. 2023-24

A brief report of online meeting held on 05-05-2023 with the officials of Ministry of Road Transport and Highways, Government of India, New Delhi.

The Jawharlal Nehru Technological University, Anantapur, will offer a specialised postgraduate programme in structural engineering at its campus college JNTUA CE Ananthapuramu from the current academic year (2023-24). The course—M.Tech Structural Engineering (Bridges and Tunnels)—was developed with support from the Ministry of Road Transport and Highways (MoRTH).

Vice-Chancellor G. Ranga Janardhana, Registrar C. Sashidhar, Principal of JNTUA CEA Prof. P.Sujatha, Head of Civil Engineering Department Prof. R.Bhavani, Senior Professor P.R Bhanumurthy participated in an online meeting with MoRTH Additional Director General D. Sarangi and Director Bidurkant Jha on 5th May 2023 and informed them that admission into the M.Tech programme would take place through Andhra Pradesh PGECET 2023,

to be held from May 28 to 30.

JNTUA launched the first M.Tech programme in Structural Engineering in the country in 1974. In view of the rapidly increasing number of bridges and tunnels, there was a shortage of experts. Hence, MoRTH and JNTUA wanted to start the programme to produce professionals for future, said JNTUA officials.

College principal Prof. P. Sujatha said the University had taken all the measures to spread awareness about the M.Tech programme among the youth. In this program students will be required to do internship as part of project work.

Also discussed in the meeting was the progress of the research into natural rubber modified bitumen sanctioned to JNTUA by MoRTH.



One Day Workshop

Personal Health & Laboratory Health Management

@ JNTUA College of Engineering Kalikiri

Organized by NSS Unit 2

on 11-05-2023

The NSS Unit-2 of JNTUA College of Engineering Kalikiri organised “Sound Health Management” programme to Non-Teaching staff on **11 May 2023**. Prof. S. Altaf Hussain, Director, Lords Inst. of Engg & Tech., Hyderabad was invited as a speaker.

Dr. Altaf Hussain started his speech focusing on the Blood Pressure & Heart Attack; he said Hypertension is responsible for the 70 percent of stroke, 50 percent of the heart failure and 30 percent of the Coronary Artery disease and explained about recent instances of AP minister Mekapati Goutham Reddy, actor Puneeth Rajkumar and cricketer Shane Warne. He added, regular checkups of HBA1C for the diabetics, the elderly, the obese and those with hypertension, constant monitoring of their health is a must. Further he said how water plays an important role in most of the life processes by acting as a solvent. The absorption of food in our body takes place in solution form with water as the solvent. Also, many waste products are excreted in the form of solutions through urine and perspiration. RO removes lead from water and frees people from many diseases such as high blood pressure, nerve damage and low fertility. Drinking reverse osmosis water can also eliminate risks of brain damage and anemic conditions, especially in children.

Dr. Altaf Hussain also explained about Yoga / Pranayamam / Meditation / Anti Gravity Exercise, Fistula (Anal Infection) / Piles (swollen blood vessels)/ Fissure (crack in blood tissues), excess consumption of alcohol, excess use of medicines, free flowing salt, use of soaps and shampoos, use of jeans pants, synthetic garments, exposure to air conditioner, chronic use of rice, wheat etc. Addressing the gathering Principal of the college Prof. S.V. Satyanarayana said “When a person is physically fit he will also be fit mentally and psychologically”. Regular exercise can have a profoundly positive impact on depression, anxiety. People who exercise regularly tend to do so because it gives them an enormous sense of well-being. They feel more energetic throughout the day, sleep better at night, have sharper memories, and feel more relaxed and positive about themselves and their lives. And it’s also a powerful medicine for many common mental health challenges.

The NSS officer Dr. N. Saritha urged the Non-Teaching staff to care for their health because **“Time and health are two precious assets that we don’t recognize and appreciate until they have been depleted.”**

The programme concluded with felicitating the speaker of the programme Dr. Altaf Hussain.





“Lifestyle for Environment”

An Awareness Program conducted by Department of
Electronics & Communication Engineering,
JNTUA CE Ananthapuramu
on 15-05-2023
In Association with AP Forest Department Ananthapuramu

Department of Electronics and Communication Engineering, JNTUA College of Engineering Ananthapuramu conducted a program title “Lifestyle for Environment” on 15.05.2023 at Department Seminar Hall under the auspices of the college NSS Unit. The program was organized in association with the Social Forestry Division of AP Forest Department, Ananthapuramu. Prof. P.Sujatha the Principal of the college speaking on the occasion called on everyone to protect the environment, reduce the use of plastic, not waste water and save electricity. Vice Principal Prof. R.Bhavani, Forest Section Officer Ms. Florence Deepa, Forest Section Officer Sri Damodar Reddy, Deputy Range Officer Sri Brahmaiah, NSS Program Officer Dr. D. Vishnuvardhan and college students participated.



LIFESTYLE FOR THE ENVIRONMENT PLEDGE

- I pledge to make any possible changes in my daily lifestyle to protect the environment.
- I commit to continuously remind my friends, family and others about the importance of environmentally friendly habits.
- I pledge to serve as an example of how an environment-friendly lifestyle can positively impact people and our planet.



NBA Peer Committee Visit @ JNTUA CE Ananthapuramu - A Brief Report.

19 - 21 May 2023

The NBA experts committee for accreditation headed by the Chairman Dr. Chittranjan Mandal, Department of Computer Sc. & Engg. IIT Kharagpur, West Bengal visited JNTUA College of Engineering from 19th to 21st for inspecting the facilities at Civil Engineering and Chemical Engineering Departments. The experts interacted with the faculty in connection with the accreditation process. The principal of the college Prof. P. Sujatha made a power point presentation of the common facilities of the college to the experts. Later the members visited and inspected the library, science block, placement cell, common computer center, dispensary, hostels, lecture hall complex, and sports facilities available at the college.

The experts from the peer committee of NBA split into two groups and visited the Civil and Chemical Engineering departments of the college. The respective heads of the departments made their presentations to the NBA experts. Later the experts inspected the class rooms, laboratories and interact-

ed with the teaching and non teaching staff of the two departments separately. They enquired about the teaching methodologies adopted by the teachers of the department. They inspected all files pertaining to the accreditation process.

Rector Prof. M. Vijaya Kumar, Registrar Prof. C. Sasidhar, Principal Prof. P.Sujatha, Vice Principal & HoD of Civil Engineering Department Prof. R. Bhavani, Director of Evaluation Prof. E. Kesha-va Reddy, Chemical Engineering HoD Dr. B. Dilip Kumar and others participated. The inspection was completed in two days on 19th and 20th. The experts held exit meeting with the college principal, heads of the department and senior professors on 21st morning before leaving. The exit meeting was also attended by the Hon'ble Vice Chancellor Prof. G. Ranga Janardhana, Rector Prof. M.Vijaya Kumar, Registrar Prof. C. Sashidhar. Later in the day the details of the exit meeting were discussed with the teaching staff of the college.





Jawaharlal Nehru Technological University Anantapur inks MoU with National Formosa University of Taiwan



Jawaharlal Nehru Technological University Anantapur and National Formosa University of Taiwan signed Memorandum of Understanding (MoU) on 23 May 2023 to promote cooperation among the two Universities. Both the Universities will encourage direct contact and co operation between their faculty members, departments, and schools wherever it is possible. The two Universities will co-operate in education and research areas of mutual interest. The MoU facilitates faculty member and student exchange/internship programs, joint research and development activities, professional language teaching and cultural exchange programs, cooperative degree and certificate programs. Prof. C. Sashidhar the Registrar of the University signed the MoU on behalf of the University. Dr Shinn Liang Chang signed on behalf of National Formosa University. Dr Desu Naveen Kumar Reddy, Research & Development Deputy Manager of Air Gas Electronic Materials

Enterprises Co.LTD. Taiwan facilitated the signing of MoU.

The agreement was signed in the presence of Hon'ble Vice Chancellor Prof. G. Ranga Janardhana. Also present were Director Academic & Planning Prof. V. Sumalatha, Director R&D Prof. C. Shoba Bindu, Director IQAC, Prof. G.V. Subba Reddy, Principal JNTUA CE Kalikiri Prof. S.V. Satyanarayana and Public Relation Officer Dr. M. Ramasekhara Reddy.



About National Formosa University, Taiwan

National Formosa University, Taiwan was founded in 1980 as "Provincial Yunlin Institute of Technology" by the Taiwan provincial government. Five departments were established: Mechanical and Manufacturing Engineering, Mechanical and Materials Engineering, Mechanical Design, Power Mechanical Engineering, and Electrical Engineering. The school changed its name to "National Yunlin Institute of Technology" (NYIT) in 1981. NYIT was renamed National Huwei Institute of Technology (NHIT) in 1997, whose five-year junior college system was replaced gradually by two-year and four-year college systems. NHIT was renamed National Formosa University (NFU) in 2004, and meantime four colleges were established: Applied Arts & Science, Engineering, Electrical & Computer Engineering, and Management. The College of Engineering has the following departments; Graduate Institute of Mechanical and Electro-Mechanical Engineering, Graduate Institute of Materials Science and Green Energy Engineering, Graduate Institute of Inno-

vation Engineering and Precision Technology, Department of Aeronautical Engineering (Mechanics Stream and Avionics Stream) & Graduate institute of Aviation and Electronic Technology, Department of Mechanical Design Engineering, Department of Mechanical and Computer-Aided Engineering, Department of Materials Science and Engineering, Department of Automation Engineering, Department of Power Mechanical Engineering and Department of Vehicle Engineering. The University is headed by its president Dr. Shinn-Liang Chang.



Sri P Parandhamaiah, Retired D.E of APSPDCL an alumnus of Anantapur Engineering College (EE 1970 Batch) donates Rs. 10.0 Lakhs for the development of his *alma mater* on 02-05-2023



Sri P Parandhamaiah, Retired D.E of APSPDCL an alumnus of Anantapur Engineering College (EE 1970 Batch) donated Rs. 10.0 Lakhs for the development of his *alma mater*. Vice Chancellor Prof. G. Ranga Janardhana said that the donated amount will be used for the construction of Platinum Jubilee Hostel Building. Speaking on the occasion he said that the university and college can be further developed with the support of alumni. The donation cheque was handed over to the Vice Chancellor by the college Principal Prof. P. Sujatha on behalf of Sri

P. Parandamaiah who is presently residing at Gudur of Tirupathi District. Rector Prof. M.Vijaya Kumar, Registrar Prof. C. Sasidhar, and Retd. Prof. V. Sankar were present on the occasion.



Appreciation Messages for Tech Ananth

Thank you so much for the write up in JNTUA e-magazine. I am so happy and thrilled to continue to be a part of JNTUA. It was incredible how you were able to pull the information from the web. Thank you so much for contacting me and putting this article together.

There are many ways I can give back to the institution where I received my education. For example: Georgia State University is not only our partner; they are helping us build the iOS version. The director of GSU's computer science department chair and our organization are overseeing the development of the iOS version of the app by assigning it to the masters students as part of their project work. University of Washington's TASCHA group (technology associates for social change) is working on exploring the possibilities to take the app to underserved communities. In India, using our app as the technology platform GITAM university has applied for a central

government grant from the Department of Science and Technology. A couple of other universities including JNTUK has used our app's platform to assign projects for NSS and also for AICTE accreditations using technology etc.

I would be more than happy to explore opportunities with JNTUA that will be of mutual benefit.

Thanks again to the entire team of JNTUA for thinking of me on Women's Day. It is an honor that I will cherish dearly.

Best Wishes,

Sushma Kallam
Alumna
JNTUA CEA
(ECE 1995-1999).



Message from Senior Alumnus, ANECAA Guntur Chapter

Message from Sri. VK VeerabhadraRao
Senior Alumnus of Ananthapur Engineering College (AEC) Guntur Chapter A.P.

Thank you very much for sharing the very nicely brought out e-magazine of May -2023 edition,

with incorporation of the news of formation of ANECAA, Guntur Chapter.

It is being duly shared with all the Alumni, by forwarding your Post, in the Guntur group WhatsApp.

KSRM College of Engineering
KADAPA - 516 005.



Academic Toppers given Cash prizes

◆ Dr. K. ChadraObul Reddy, Managing Director, KGI Presented Cash prizes to the students who showed good performance during the Academic year 2021–22 in various categories like Department topper, college topper and physics topper...etc on 25th May 2023. Dr. V.S.S Murthy, Principal participated in the event.



KG CET 2K23 held in KSRMCE

◆ KSRMCE Conducted KG CET 2K23 from 1st May to 4th May. Huge response from the students in and around of Rayalaseema. Around 1000 students everyday attended the exam. The top three rankers from this exam will be given free education and free accommodation.



Rally on 'World No Tobacco Day' on 31st May, 2023 by N.S.S Students

◆ The N.S.S. Wing of KSRMCE organized a rally on “World No Tobacco day” to create awareness among people. Students raised raising slogans against the consumption of Tobacco. Sri. J. Suresh-Babu, NSS programme officer accompanied the students during the rally.



A One-week workshop on Precision Agriculture, Remote Sensing and Drone Technology for Sustainable Crop Production started

◆ SERB Sponsored a one-week workshop on “Precision Agriculture, Remote Sensing and Drone Technology for Sustainable Crop Production “ organized by Department of Electronics & Communication Engineering and Research and Development Cell from 15-19, May, 2023



Autonomous Vehicle Day on 31st May 2023

◆ The Department of Mechanical Engineering celebrated Autonomous Vehicle Day on 31st May 2023 in the college.

A one-week workshop on “Game Design using Unity 3D” by E.C.E Department from 8th to 12th May.

◆ S D Cell in association with the department

of ECE organized a one-week workshop on “ Game Design using Unity 3D” for VI SEM ECE students from 8th to 12th May.

Plantation Programme by NSS Students on 13th May, 2023

◆ NSS Unit of KSRM college of Engineering, Kadapa, conducted a plantation programme on 13th May, 2023. Principal Dr. V.S.S Murthy attended the programme as the chief guest.



International day of Action for Women’s Health on 26th May 2023

The Health club of KSRMCE organized an International day of Action for Women’s Health in S.J block Seminar Hall on 26th May 2023.

KSRM CSI chapter organized Py(Python) Quiz on 18th May 2023



◆ Department of AI&ML organized a workshop on MIT App inventor from 8-10 May 2023

◆ IETE -ISF Organized a guest lecture on the occasion of “WORLD TELECOMMUNICATION DAY” in Association with IEI-Kadapa local Chapter on 17th May, 2023.

◆ A three-day Workshop on Python Programming organized by KSRM CSI chapter from 15 - 17, May 2023.

International day for Biological Diversity on 22nd May 2023.

◆ The Nature club celebrated International day for Biological Diversity on 22nd May 2023. Dr. K. VenkataRamana, Assistant Professor, acted as the coordinator for this event. Dr. V.S.S. Murthy, Principal; Dr. I. Sreevani, HoD, Department of Humanities and Sciences graced the event as the chief guests. A few faculty members also took part in the programme.

Faculty of Civil Engineering attended Global Symposium in Singapore as a panel member

◆ Sri P Rajendra Kumar, Assistant Professor, Dept. of Civil Engineering, K.S.R.M. College of Engineering, has represented as a panel member for the “Global Symposium on Deepening International Collaborations” at Nanyang Technological University, Singapore and delivered an insightful keynote on the need for research collaborations among academic institutions, industry and professional organizations.

Faculty Achievements

Book publication by the faculty .

◆ Dr. K. Ramesh Rao, Asst. Prof., has published a book entitled A Comprehensive Book on Effective Technical Communication published by Iterative International Publishers, Chikkamagaluru, Karnataka with ISBN 978-93-5747-106-0 M1AY, 2023.

◆ Dr. V. Lokeswara Reddy, Professor and HoD, Department of Computer Science Published a Springer Journal.

◆ Dr. N. Ramanjaneya Reddy, Asso. Prof., CSE Department has published a research paper in Soft Computing (Springer) SCIE Journal on Sampling-based fuzzy speech clustering systems for faster communication with virtual robotics toward social applications” with ISSN 1422-7479 , May 2023.

◆ Dr. T. Mariprasath, Asso. Prof., EEE Department, has published an article entitled with Feasibility analysis of new green liquid dielectrics for transformers in Green materials, SCIE indexed journal with an impact factor of 3.564



- ◆ A Placement relevant Training program for 540 II B.tech students held at SVCN Campus from 1st May to 5th May 2023.
- ◆ Awareness Program on practices in Social Media held by Iconic Digitals in Association with T&P Cell on 21-05-2023
- ◆ SVCN Awarded “INSTITUTE of the Year-SOUTH” by ASSOCHAM at 16th international Educational Leadership and Skill Development Summit held at NewDelhi on 26th May 2023.
- ◆ 193 Students of SVCN have Complete their 12 Weeks Course in MOOC (NPTEL SWAYAM) during the period Jan- April - 2023

AWARDS

- SVCN has Awarded “INSTITUTE of the Year- SOUTH” by ASSOCHAM at 16th international Educational Leadership and Skill Development Summit held at NewDelhi on 26th May 2023.
- Dr. Vinay Sahasrabudha, President- ICCR act as Chief guest for this event and Mr. Kunwar Sekhar Vijendra , President – NEC , ASSOCHAM act as Guest of Honour for this 16th international Educational Leadership and Skill Development Summit.

Proud Moment of SVCN



1.Number of National Conferences / Seminars/ Webinars organized/attended

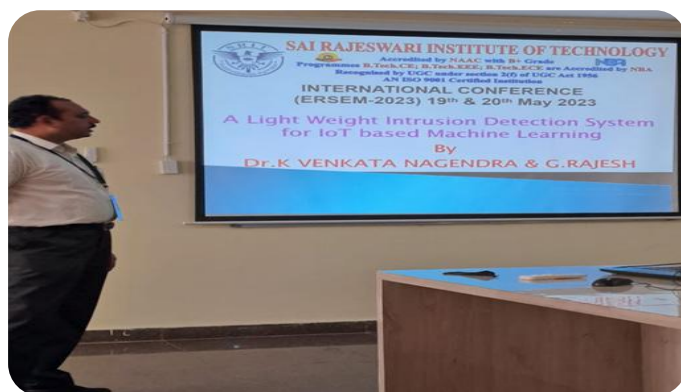
Organized – 00, Attended :03

1. Dr.V.Anilkumar ,Professor&HoD , Department of EEE has participated a Webnair on “Introduction to Solar Panel Installation And Maintanance “organized by SRM Madurai College of Engineering and Technology,TN on 31-05-2023.
2. Mr.K.Girish Kumar, Asst. Professor,Department of EEE has participated a Webnair on “ Hydrogen Fuel Cell System” organized by ISIE INDIA on 20-05-2023.
3. Mr.K.Girish Kumar, Asst. Professor,Department of EEE has participated a Webnair on “ EV Power Train and Simulation” organized by ISIE INDIA on 28-05-2023.

2.Number of International Conferences / Seminars organized /attended

Organized: 0 Attended: 01

1. Dr. KolluruVenkataNagendra , Professor, Department of CSE Presented a Paper titled “A Light Weight Intrusion Detection System for IoT based ML” in the International Conference on “Emerging Research in Science , Engineering& Management “ held during 19th& 20th May 2023 at SRIT , Productur in Association withNITTTTR, Chennai.



3.Number of Training programs/Workshops/Guest lectures/FDPs/Motivation programs

organized in the month : 03

Program-1

A Training program for II B.tech students held at SVCN Campus organized by T&P cell .6 Days External training for II Year B.Tech in the topics of Verbal, Aptitude and Python. (01-05-2023 to 06-05-2023)

Program 2

Awareness Program of how to Utilize the Social Media Platform held at SVCN Digi Hall organized by Iconic Digitals , proddutur in Association with T&P Cell on 21-05-2023. The Resource persons for this program are Mr. Yashwanth and Mr. Revanth.

Program-3

Final year Students of SVCN attended the SONATA SOFTWARE Final HR Round who have already Shortlisted in previous rounds in the interview and 18 Students got selected for the “Digital Engineer Trainee” on 19-05-2023.

Programs Attended by Faculty /Students :08

1. 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.

2. Dr. Kolluru Venkata Nagendra ,Professor, Department of CSE has participated in a one week online FDP on “Emerging trends in Research Methodology” from 15-05-2023 to 21-05-2023 at SHARDA UNIVERSITY.

3. Ch.Naveena Kumari, Assistant Professor has participated in a Five day FDP on “Recent trends in Electronics and Communication-An approach through AI,ML and DL techniques” from 22-05-2023 to 26-05-2023 at NBKRIST,Vidyanagar.

4. P.Bhargavi, Assistant Professor has participated in a Five day FDP on “Recent trends in Electronics and Communication-An approach through AI,ML and DL techniques” from 22-05-2023 to 26-05-2023 at NBKRIST,Vidyanagar.

5. G.Usha Rani, Assistant Professor, Department of ECE has participated in a Five day FDP on “Recent trends in Electronics and Communication-An approach through AI,ML and DL techniques” from 22-05-2023 to 26-05-2023 at NBKRIST,Vidyanagar.

6. Mr.K.Girish Kumar, Asst. Professor, Department of EEE has participated an FDP on “Emerging Tech ANANTH Volume 2, Issue VI, Pages 38

Trends in LORAWAN and its Applications” organized by SRM Madurai College of Engineering and Technology, TN on 29-05-2023.

7. Mrs.K.RatnaJyothy ,Asst. Professor, Department of EEE has participated an FDP on “Intellectual Property Rights” organized by Dr.MGR Educational And Research Institute, Chennai, TN from 22nd to 26th May 2023.

8. Mr.Sd.Liyakath ,Asst. Professor, Department of EEE has participated an FDP on “ Intellectual Property Rights” organized by Dr.MGR Educational And Research Institute, Chennai, TN from 22nd to 26th May 2023.

9. Mr. Prapulla Kumar , Asst. Professor, Department of CSE and Mr. T. Raj Mohan Reddy, Asst. Professor, Department of CSE has attended a one day workshop on “ Digital Education Technology Enabled Teaching and Learning Orientation to District Team’s (Training of Trainers) Organized by APSICHE, AP on 26th may 2023, Tummalapalli Kalashetram, Vijawada.

4. Number of Curricular/Co-curricular/Extra Curricular Competitions conducted for

Number of Research Publications (National/ International Journals) in this month:05

Hitesh Sainadh G , Girish K, Bhargav Teja P, M R Subrahmanyam, .Kumar Babu P(2023), “Design and Fabrication of Foot step Power Generation” , International Journal of Current Research(IJCR) – ISSN: 0975-833X Vol -15 Issue-4 , April 2023, pp 26-30 , UGC Care Group Journal.

2.Ch Divakar, A V Bharath , Shaik Azeem , B Suneel, S M Shafee, P.Kumar Babu(2023), , “Fabrication of Solar operated Multipurpose Floor Cleaning Machine” , International Journal of Multidisciplinary Research(IJFMR) – E-ISSN: 2582-2160 Vol -V Issue-II March-April 2023, pp 1-10 , UGC Care Group Journal.

3.Desu Venkata Vishnuvardhan, Modiboyina Charan Teja, Shaik Sharooq, Shaik Naieem, Mallela Mercy Lydia, P.Kumar Babu(2023), , “Fabrication of Automatic cut off engine by detecting Alcohol content of the person” , International Journal of Multidisciplinary Research(IJFMR) – E-ISSN: 2582-2160 Vol -V Issue-II March-April 2023, pp 11-22 , UGC Care

Group Journal.

4. Madan Mohan Cheepinaapi, Jayanth Morla, Nandakumar Pichuka, Asif Shaik, John Paul Veeramochu, Kumar Babu Padaga (2023), S M Shafee, "Design and Fabrication of Regenerative Braking system", International Journal of Multidisciplinary Research(IJFMR) – E-ISSN: 2582-2160 Vol -V Issue-III May-June 2023, pp 26-37, UGC Care Group Journal

5. V. KusumaPriya, Associate Professor, Department of CSE has published a paper "Technology that allows the Deaf and the Mute to communicate using only their hands" in IJAEMA JOURNAL, Volume XV, ISSUE V, MAY 2023.

Number of Book/Book chapters published in this month:01

1. A Book named "Object Oriented Programming through JAVA" with SVCN College Affiliation, ISBN 0000000462020 and written by the Dr. KolluruVenkataNagendra, Professor, Department of CSE, Mr. M. Praveen Kumar, Associate Professor, Department of CSE, Mrs. I. Shalini, Asst Professor, Department of CSE, Mrs. M. ChitraRupa, Asst Professor, Department of CSE, Mr. M. Jeevan Kumar, Asst Professor, Department of CSE Published by Express Publication, Chennai.



Number of Patents published in this month with details as per standard format: 05

1. A patent named "System and method for virtual machine Migration in a cloud computing Environment" is Filled and Published by Dr.KolluruVenkata Nagendra, Professor, Department of CSE, Mr Ch .sainath, Asst.Professor, Department of CSE, Mr J. Balavenkatasubrahmanyam, Asst.Prof. Department of CSE, Mr N. Harish, Asst.Prof. Department of CSE, Mr P. Nagendrababu, Asst.Prof. Department of CSE, Mr Ch. Venu, Asst.Prof. Department of CSE, Mr K. Srikanth Reddy, Asst.Prof. Department of CSE by IP INDIA Patent Authority with Application

number 202341031931 on 04-05-2023.

2. A patent named "Method and system for automated code Review and analysis using machine Learning" is Filled and Published by, Mr M. Praveen kumar, Associate Professor, Department of CSE, Mrs. I. Shalini, Asst.Professor, Department of CSE, Mr. K. Mahendra, Asst.Professor, Department of CSE, Mrs. K. Sravani, Asst.Professor, Department of CSE, Mr. K. V. RangaRao, Asst.Professor, Department of CSE, Mr N. Ramesh, Asst.Professor, Department of CSE by IP INDIA Patent Authority with Application number 202341031935 on 04-05-2023.

3. A patent named "Method and system for efficient data Deduplication in a distributed storage System" is Filled and Published by Mr M. Jeevankumar, Asst. Professor, Department of CSE, Mr R. Prapullakumar, Asst.Professor, Department of CSE, Mrs M. Kanchana, Asst.Professor, Department of CSE, Mr T. Raja Mohan Reddy, Asst.Professor, Department of CSE, Mrs Sd. Afrin, Asst.Professor, Department of CSE, Mr V. Mahesh kumar, Asst.Professor, Department of CSE by IP INDIA Patent Authority with Application number 202341031937 on 04-05-2023.

4 A patent named "System and Method for Secure Authentication using Biometric Data" is Filled and Published by Mr P. Mohan, Asst. Professor, Department of CSE, Mr G. VidyaSagar, Asst.Professor, Department of CSE, Mrs M. ChitraRupa, Asst.Professor, Department of CSE, Mr G. SaiSushmanth, Asst.Professor, Department of CSE, Mrs P. Kalyani, Asst.Professor, Department of CSE, Mrs K. S. Anusha, Asst.Professor, Department of CSE by IP INDIA Patent Authority with Application number 202341031940 on 04-05-2023.

5. A Patent Named "Artificial intelligence-based Intrusion detection and prevention System" is Filled and Published by Mrs. V. KusumaPriya, Asst. Professor, Department of CSE, Mrs.G.Sudarsanam, Asst. Professor, Department of CSE, Mr. E. Dayakar, Mr. M. Chiranjeevi, Asst. Professor, Department of CSE,

Mrs CH. Rupakalpana , Asst. Professor, Department of CSE, Mrs.V.S.V.Harika, Asst. Professor, Department of CSE, Mr. K. SivaSankaraRao, Asst. Professor, Department of CSE by IP INDIA Patent Authority with Application number 202341032022 on 05-05-2023.

Other remarks relevant to Institutional updates :

1. NBA Self Assessment Reports for four programmes were submitted online for CSE, ECE , EEE , Mech Departments of SVCN on 14th May 2023.
2. Admission Meeting – May 2023 held at Conference hall, SVCN for Mentors and members of each team.

Photo Gallery



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
magazine@jntua.ac.in



1. Hon'ble Vice Chancellor interacted with the Principals of all the colleges under JNTUA through virtual mode regarding implementation of Community Service Project & Internship during summer vacation on **02.05.2023**. The Directors of the University attended the meeting.

2. Hon'ble Vice Chancellor attended the meeting through virtual mode with the Ministry of Road Transport and Highways on **05.05.2023** regarding M.Tech., program on Bridges & Tunnels offered by the department of Civil Engineering, JNTUA College of Engineering, Ananthapuramu. The Registrar, Principal, Vice Principal, Program Coordinator, Faculty of Civil Engineering attended the meeting.

3. Hon'ble Vice chancellor conducted a meeting with the Registrar, Principal, Vice Principal, Heads of the departments, Warden & Deputy Wardens, University Engineer on **09.05.2023** regarding ongoing works and works to be taken up at JNTUA College of Engineering, Anathapuramu.

4. The 47th meeting of Building Committee was held under the Chairmanship of Hon'ble Vice Chancellor on **09.05.2023**. The Registrar and Director i/c ICS, EE (R&B), Principal, Head of CSE Department, University Engineer, Deputy Registrar (F) attended the meeting.

5. A meeting was held under the Chairmanship of Hon'ble Vice-Chancellor on **10.05.2023** in connection with release of B.Tech. IV-II Semester (R19 and R15 Regular and Supplementary) & MBA III semester (R21 and R20) Regular and Supplementary Examinations results.

6. A Press Conference in connection with APEAPCET 2023 was held on **13.05.2023**. The Chair-Tech ANANTH Volume 2, Issue VI, Pages 38

man, Convener, Co conveners and core committee members of APEAPCET 2023 attended the meeting.

7. A meeting was held under the Chairmanship of Hon'ble Vice Chancellor with BoS Chairpersons on **16.05.2023**. The Registrar, Directors, BoS Chairpersons of all disciplines attended the meeting.

8. A meeting was held under the Chairmanship of the Hon'ble Vice Chancellor on **22.05.2023** regarding budget proposals of all the departments for the academic year 2023-24.

9. Honorable Vice Chancellor visited the offices of UGC, ISTE, MoRTH at New Delhi on **25.05.2023** on University Matters and later participated in the workshop on the theme "Implementation of National Education Policy 2020 in Technical Education", conducted by Shiksha Sanskriti Uthan Nyas in partnership with AICTE on **26.05.2023**. The Vice Chancellors of Central and Technical Universities, Directors of IIT/ NITs/IIITs/NITTRs/IISERs participated in the workshop.

10. Hon'ble Vice Chancellor attended an online meeting hosted by AICTE on **29.05.2023** regarding conduct of classes for working professionals. The AICTE officials and Vice Chancellors of Technical Universities attended the meeting.

11. A meeting was held under the Chairmanship of Hon'ble Vice Chancellor on **30.05.2023** in connection with B.Pharmacy Curriculum revision. The Rector, Registrar, Director of Academic & Planning, Director of Evaluation, BoS Chairperson & concerned members of Pharmacy attended the meeting.

12. A meeting was held under the Chairmanship of Hon'ble Vice Chancellor with the Vice-Chancellors and University Coordinators of Anantapur

Regional Cluster Group on 31.05.2023 regarding activities of Anantapur Regional Cluster Group of AP Higher Education Planning Board. The Vice Chancellors of RGUKT, SKU, Rayalaseema University, Central University, Cluster University, Dr. Abdhul Haq Urdu University, SSSIHL, Registrars and Directors of concerned Universities attended the meeting.

13. A meeting was held under the Chairmanship of the Hon'ble Vice-Chancellor on 31.05.2023 regarding establishing the Centres of Excellence at JNTUA. The Rector, Registrar, Principal, Vice Principal, and Heads of the departments attended the meeting.

News from Constituent Units



JNTUA CE Ananthapuramu

1. Hon'ble Vice Chancellor visited and inspected the departments of Civil and Chemical Engineering, JNTUA College of Engineering, Ananthapuramu on 01.05.2023 regarding forthcoming NBA inspection.
2. Hon'ble Vice Chancellor visited and inspected the newly constructed extension block of Examination building, JNTUA on 08.05.2023, used for examination material
3. JNTUA College of Engineering Anantapur organized a seminar on National Technology Day on 15.05.2023.



JNTUA CE Kalikiri

1. Awareness on Harmful Effects of Tobacco Use and Promotion of a Tobacco- Free Lifestyle on the occasion of World Athletics day on 06.05.2023.
2. The faculty of CSE department Ms. C. Prabhavathi and Ms. P. Vijaya Kumari completed 12 Weeks NPTEL-AICTE Online Course FDP Certification on "Data Analytics with Python" and "Deep Learning" respectively.
3. A training program for the Non-Teaching staff "Personal Health Management and Laboratory Health Management" was organized on 11.05.2023.

News from Affiliated Colleges

1. Hon'ble Vice Chancellor attended and addressed as a chief Guest on 11th Graduation Day of Annamacharya Institute of Technology and Sciences, Rajampeta on 04.05.2023. The Chairman, Principal, Students and Staff attended the program.
2. Hon'ble Vice Chancellor visited and inspected ongoing APEAPCET 2023 examinations centers Anantha Lakshmi Institute of Technology and Sciences, Anantapur; KSRM Engineering College, Kadapa and Annamacharya Institute of Technology and Sciences, Kadapa on 15.05.2023 in connection with ongoing APEAPCET 2023.
3. Hon'ble Vice Chancellor visited and inspected the ongoing APEAPCET-2023 examination center Srinivasa Ramanujan Institute of Technology, Ananthapuramu on 16.05.2023 in connection with ongoing APEAPCET-2023.
4. Hon'ble Vice Chancellor visited and inspect-

ed APEAPCET-2023 examination center, PVKK Institute of Technology, Anantapur on 17.05.2023 in connection with ongoing APEAPCET-2023 examinations.

5. Hon'ble Vice Chancellor attended and addressed as a Chief Guest at the International Conference on Emerging Research in Science, Engineering and Management ERSEM-2023 at Sai Rajeswari Institute of Technology, Proddutur on 19-05-2023. The Chairman, Principal, Staff and Students attended the event.

6. Directorate of Faculty Development Cell, JNTUA and N.B.K.R Institute of Science and Technology conducted a workshop on "Recent trends in Electronics and Communication- An approach through AL, ML and DL" during 22 - 26 May 2023.

University Examination Results



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

03-05-2023

Pharm.D V Yr&IVYr (R17) Reg & Supple and Pharm.D V yr (R14) supple Examinations April 2023, MBA II Sem (R21&R17) and MBA IV sem(R17) Supplementary, MCA III Semester (R21) Regular Examinations-March 2023 and MSc III Semester (R21) Regular Examinations-March 2023.

10-05-2023

MBA III sem (R21 & R17) Reg & Supple March 2023 Exams and B.Tech IV Yr II sem (R19 & R15) Reg & Supple May 2023 Exams.

12-05-2023

B.Pharm IV Yr II sem (R19 & R15) Reg & Supple May 2023 Exams and M.Pharm I & II sem (R21 & R17) Reg & Supple April 2023.

20-05-2023

B.Tech II Yr I sem (R19) Supple Feb 2023, B.Tech II Yr I sem (R15) Supple Feb 2023 Exams, MCA II sem (R20) Supple March 2023 Exams, MCA III sem (R20) Supple Mar 2023 Exams.

23-05-2023

Pharm.D V Yr (R17) Reg & Supple April 2023, B.Tech

IV Yr I sem (R15) Supple January 2023, MBA II sem (R17) Supple March 2023, MBA II sem (R21) Supple March 2023, MBA IV sem (R17) Supple March 2023, MCA I sem (R21) Reg & Supple March 2023 and Pharm.D IV Yr (R17) Reg & Supple April 2023 Exams.

26-05-2023

Ph.D Winter Session (R09 & R 18) December 2022 Exams and M.Tech I sem& II Sem (R21 & R17) Reg & Supplementary Apr/May 2023 Exams.

30-05-2023

B.Tech IV Yr II sem (R15) Supple May 2023, B.Pharm IV Yr II sem (R15) Supple May 2023, M.Pharm I sem (R17) Supple April 2023 and M.Pharm I sem (R21) Reg & Supple April 2023 Exams





“ Books / Book Chapters Published ”

1. Prof. P. Sujatha, P Bharath Kumar, and Besta Hariprasad faculty of JNTUA College of Engineering, Ananthapuramu published a book “[Power Quality Enhancement](#)” ISBN: 978-620-5-52274-5 by Scholars’ Press Publishers.

2. Sri. Chenna Keshava Matcha faculty of JNTUA College of Engineering, Pulivendula published a book “[Problem Solving and Python Programming](#)” through Deccan International Academic Publishers.

3. Mr. P. Kousar Basha, Dr. Y. Suneetha, & A.K. Gopi Krishna faculty of RGM College of Engineering and Technology, Nandyal published a book chapter

entitled “[A Review Reading on the Relentless System and Vanquish Outlooks of Dr. B.R. Ambedkar](#)” in the book Impact of Ambedkarism on Indian Reality: An Anthology of Scholarly Articles by Veda Publications Pages: 71-83 ISBN: 978-93-91860-16-5.

4. Mr. R. Chandrasekar faculty of Seven Hills College of Pharmacy, Tirupati published a book chapter “[Skin Microbiome a New Insight in Cosmetic Science-Future Aspects in Management of Skin Diseases and Maintenance of Healthy Skin](#)” in the Book: Research Developments in Medicine and Medical Science, B P International, Vol 1, 1-15, 2023.

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 **May 2023**:

1. Awareness Programme on Lifestyle for Environment in association with A.P. Forest Department on **15.05.2023**.
2. Watering and Weeding to the plants at JNTUA CEA on **16.05.2023** and **17.05.2023**.
3. Pandit Jawaharlal Nehru Death Anniversary on **27.05.2023**.
4. Awareness drives to avoid wastage of water on **31.05.2023**.



“ Success often comes to those who dare to act. It seldom goes to the timid who are ever afraid of the consequences. ”

----- **Pandit Jawaharlal Nehru**-----



“ Patents Published/ Awarded ”

1. Dr. K. Sri Gowri, Dr. G. Kishor, Dr. M. Harshavardhan Reddy, Dr. G. Sreenivasa Reddy, Dr. G. Satheesh, Smt. G. Haritha, Sri S. Anil Kumar, Dr. V. Anantha, faculty of G. Pulla Reddy Engineering College registered a patent on “[Harvest of Electrical Energy from Mini Generator through Simple Body Mechanical Motion through IOT](#)” with patent registration no 202341027708A granted on **05.05.2023**.

2. Dr. R Raja Kumar faculty of RGM College of Engineering and Technology, Nandyal published a patent on “[Wind/ Solar Power Charging Station for Vehicles](#)”, Certificate of Registration for a UK Design, Comptroller-General of Patents, Designs and Trademarks, Intellectual Property Office, Design Number: 6278770, dated on **06-05-2023**.

3. Dr. Shaik Taj Mahaboob faculty of JNTUA College of Engineering, Pulivendula published a patent on AI Based Device for Premises Surveillance Management, Design No. 380322-001 on **15.05.2023**.

4. SK Rubina faculty of Dr K V Subba Reddy Institute of Pharmacy, Kurnool published a patent “[Fast Dissolving Oral Thin Films of Cetirizine Hydrochloride and Preparation Method Thereof](#)” Application No.202341027299 A dated **26.05.2023**.

5. Mr Darla Raju, Ms. Pratibha Kumari faculty of OTPRI published a patent on “[Formulation and](#)

[Development of Tablet with Water Triggered Catalyst Release](#)” Application No.202341022645 A.

6. Dr. Sundeeep Kumar and other faculty of Geethanjali Institute of Science & Technology, Nellore published a patent “[A framework for the best and most efficient network offload scan made for smart wearable Internet of Things devices](#)”, Application No. 202341030761.

Journal/Conference Publications

The faculty members of the University published **25** research papers and affiliated colleges have published **85** 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. 30,000/-** through Industrial Consultancy Services.

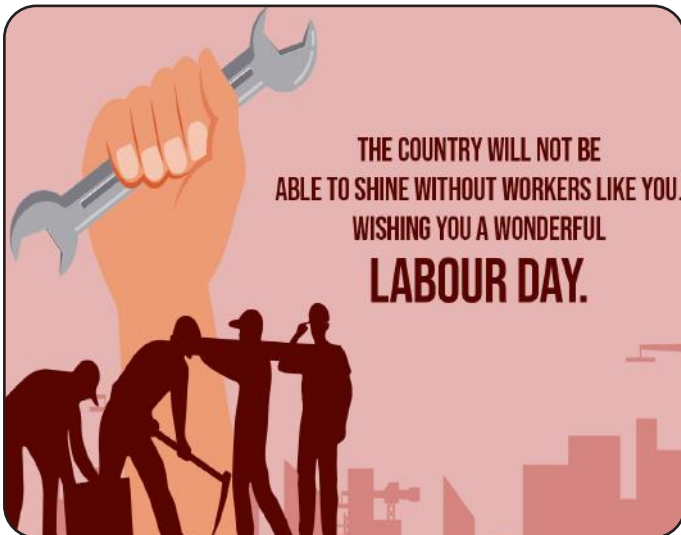
Ph.D Awarded List

Ph.Ds Awarded: The University has awarded Ph.D. to **25** research scholars during this month.

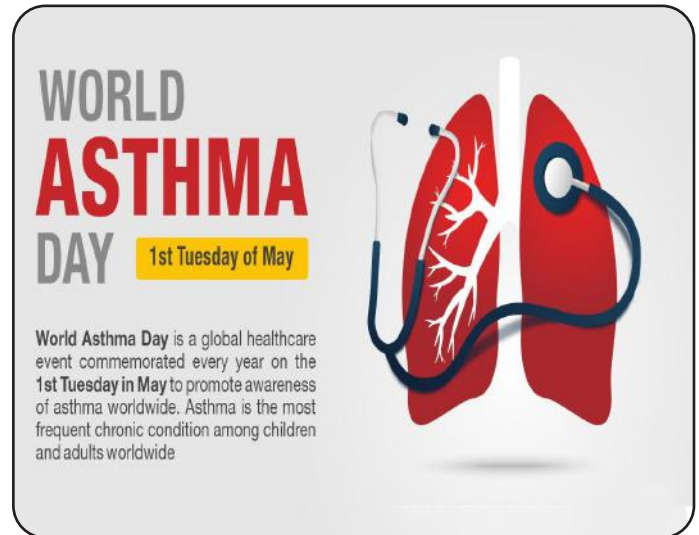
Details:

Discipline	No. of Ph.D's Awarded
Civil Engineering	03
Electrical and Electronics Engineering	02
Electronics and Communication Engineering	03
Computer Science Engineering	03
Chemical Engineering	02
Mathematics	02
Physics	01
Chemistry	01
Pharmacy	05
English	01
Bio-Technology	01
Management	01

Important National & International Days in May



International Labour Day is also known as Labour Day or **May Day**. It is celebrated globally every year on the 1st May. In India, Labour Day is referred to as Antarrashtriya Shramik Diwas or Kamgar Din.



World Asthma Day is observed every year on the **first Tuesday of May** to spread awareness and care about Asthma in the world. Asthma is a chronic inflammation of bronchitis causing cough, breathlessness, chest tightness etc.



3 May - Press Freedom Day

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.



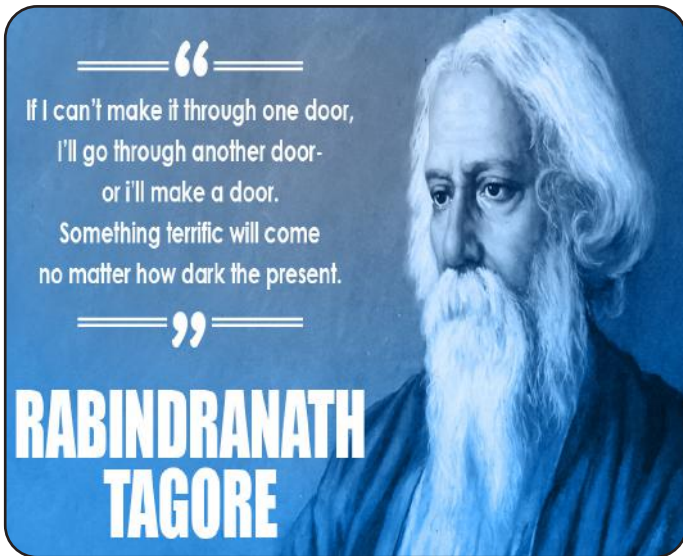
Every year on **4 May**, **Coal Miners Day** is observed to honour the coal miners. Coal mining is done to extract coal from the ground. Coal Mining is one of India's most dangerous professions. Coal Miners are the men who know that they may not return home back after work when the day is over.



International Firefighter's Day is observed every year on **4 May**. It was instituted on 4 January 1999 after a proposal via email out across the world due to the deaths of five firefighters in a bushfire in Australia. Therefore, 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.

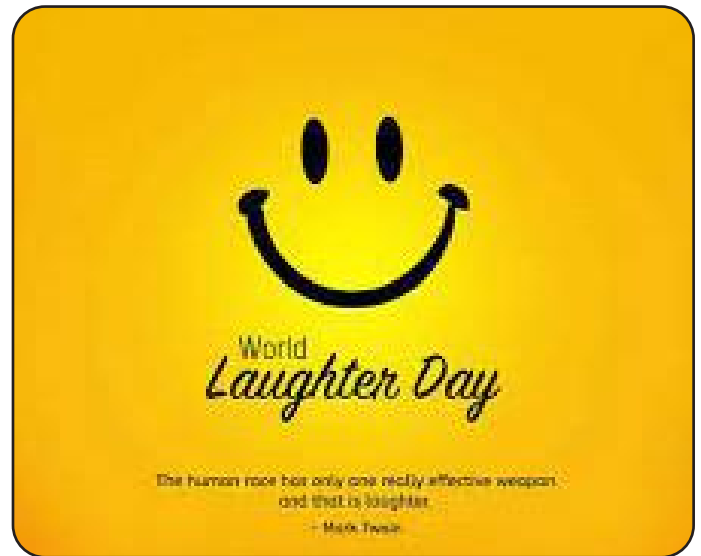


World Athletics Day is observed on **7 May** to raise awareness about sports among youth, in schools and institutions to promote athletics as the primary sport.



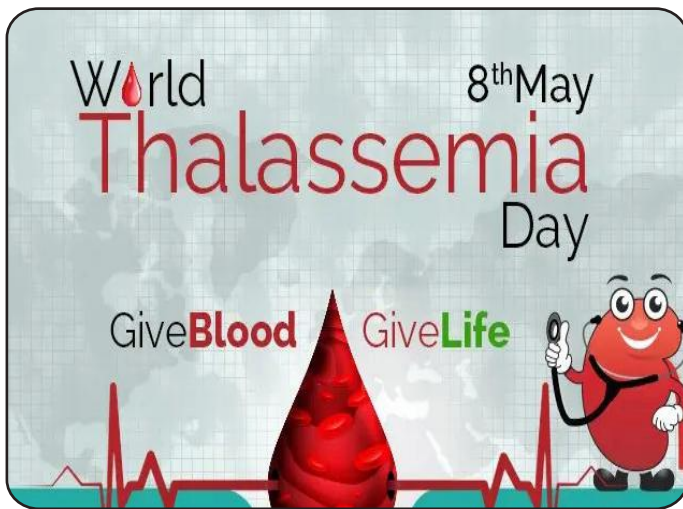
7 May – Rabindranath Tagore Jayanti

He was born on 7 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.



8 May - World Laughter Day (first Sunday of May)

World Laughter Day is celebrated on the first Sunday of May every year. In 1998, the first celebration took place in Mumbai, India. It was arranged by Dr Madan Kataria founder of the worldwide Laughter Yoga movement.



8 May - World Thalassemia Day

World Thalassemia Day or International Thalassemia Day is observed every year on 8 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.

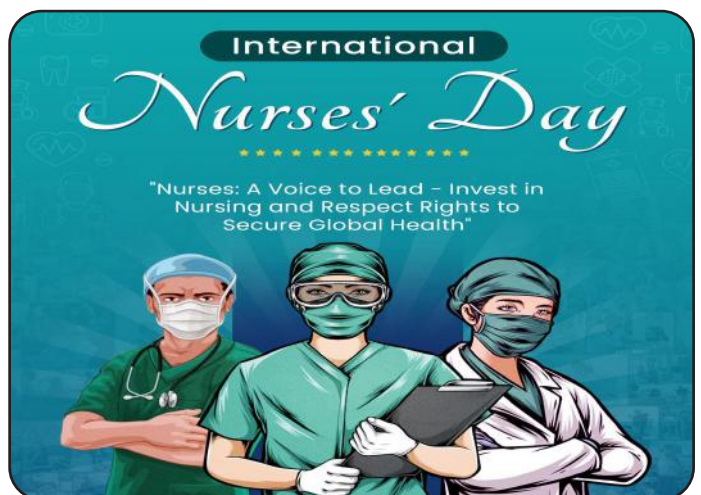


World Red Cross Day is observed every year on 8 May to commemorate the birth anniversary of the founder of the Red Cross. Founder of the Red Cross was Henry Dunant as well as the founder of the International Committee of the Red Cross (ICRC). He was born in Geneva in 1828. He became the first recipient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

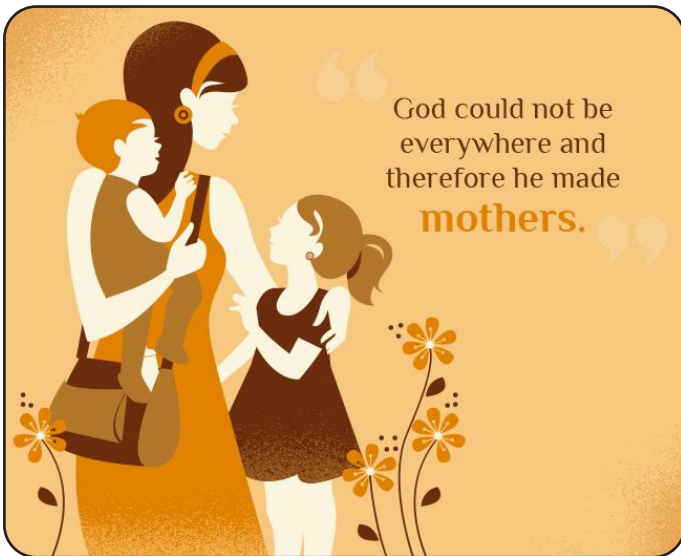


11 May - National Technology Day

Every year National Technology Day is observed on 11 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. On this day Shakti, the Pokhran nuclear test was held on 11 May 1998.



Every year International Nurses Day is celebrated on 12 May to commemorate the anniversary of Florence Nightingale's birthday. On this day the International Council of Nurses organisation produces an International Nurses kit to educate and assist health workers globally with a different theme every year.



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

Mother's Day is celebrated every year on the second Sunday of May to honour 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. Nationally this day was recognised in 1914.



15 May – International Day of Families

International Day of Families is observed every year on 15 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.



16 May- National Dengue Day

The day is observed (16 May) with the recommendation of the Ministry of Health and Family Welfare, Government of India. Dengue is prevalent across the country.



17 May - World Hypertension Day

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



World Telecommunication Day is observed every year on 17 May. It marks the founding of 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.



Worlds AIDS Vaccine Day or **HIV Vaccine Awareness Day** is observed every year on 18 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.

NATIONAL ANTI-TERRORISM DAY

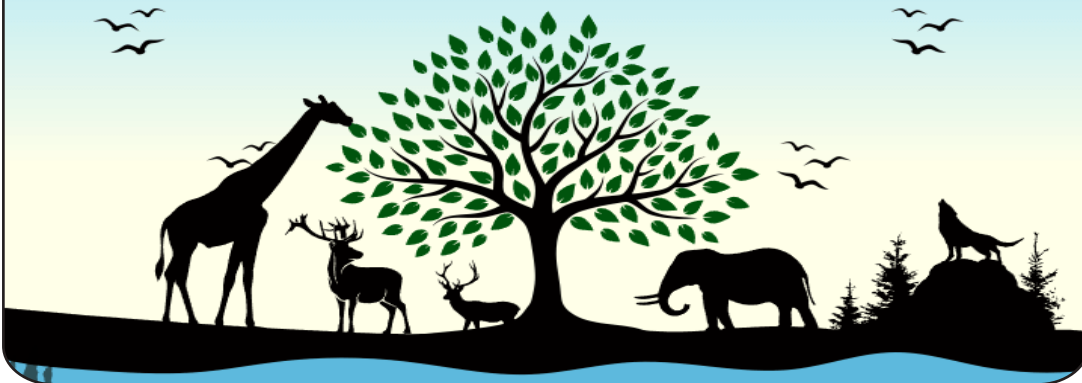


21 May – National Anti-Terrorism Day

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

MAY 22

INTERNATIONAL DAY FOR BIOLOGICAL DIVERSITY



22 May - International Day for Biological Diversity

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

STOP SMOKING!



Invest your time and **money** on **things** which keep you happy, **healthy** and alive. **Tobacco** is made to **kill** you, stay away from it.

31 May – Anti-Tobacco Day

Anti-Tobacco Day or World No Tobacco Day is observed on 31 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.



APSCHE

Andhra Pradesh State Council of Higher Education



*From the
Chairman's Desk*



BREAKING OUT OF THE BUBBLE: REDISCOVERING THE BEAUTY OF COMMUNITY SERVICE

In the fast-paced hustle and bustle of daily life, often our dreams are filled with echoes of the errands we need to undertake to keep up with our busy schedules. In our quest to keep pace with our lives, we unintentionally become more inward-seeking and self-consumed individuals, resulting in us becoming dissatisfied with what we have in our lives and losing sight of the world outside our four walls. The major reason for this is that our society and education system have limited the scope of our social interactions and made life a race against one another, causing young adults to cut the cord of interaction with the communities around them and experience the beauty of learning and growing together.

My dear friends, you have been surrounded by the same circle of people since childhood. You may not believe what I say. If you take a moment to analyze your life from childhood until now, you will realize that the faces of the people may differ, but the pattern of their traits remains the same. This circle of friends may be a great bunch to hang out with and give you happiness, but the downside is that they will not push you to step out of your comfort zone and experience life beyond their experiences. By living in our own bubble without any awareness of the communities around us, we often fail to recognize the privilege and comfort we enjoy in our lives. One of the best ways to see the beauty of the world outside our lives is to interact with the different communities that are around us and open our hearts and arms to do service when required. This is not a novel concept. Throughout human history, we have seen people like Gautam Buddha, Mahatma Gandhi, Dr. Prakash Amte and many more adopt this approach as a way to grow in life.

In order to restore the forgotten values of higher education and impart quality, value-based education, APSCHE has introduced a two-month mandatory community service project into the curriculum of undergraduate students. The aim of this initiative is to raise awareness among young adults about their surroundings and instill a sense of social responsibility in them. Trust me, friends, these two months will teach you the value of ignored skills like how to communicate and become part of new social settings. It will give you a lifelong acquaintance that you will not forget. If you take this short, two-month journey seriously and do it with wholeheartedness, I assure you, you will be able to discover the method of unlearning to learn and how you can apply your classroom learning to alleviate the sufferings of other individuals. Further, it will equip you to be patient and empathetic and recognise your privilege to do better things in others lives. I want you all to remember the line once said by Ralph Waldo Emerson: "The purpose of life is not to be happy. It is to be useful, to be honourable, to be compassionate, to have it make some difference that you have lived and lived well". So recognise your sense of social responsibility, make it part of your lifestyle, and contribute back to society.

వ్యక్తి సమాజానికి పేరుగా లేడు
వ్యక్తి ఉనికికి సమాజం తల్లిపేరు
వేర్లను కోల్పోయిన వ్యక్తం విస్తరించడం ఎలా సాధ్యం?
వ్యవస్థలో భాగస్వామి కాని వ్యక్తికి వికాసం ఎలా సాధ్యం?

Prof. K. Hemachandra Reddy
Chairman, APSCHE



Hon'ble Vice Chancellor interacting with Principals of all the colleges under JNTUA through virtual mode regarding implementation of Community Service Project & Internship during summer vacation on **02.05.2023**



The 47th meeting of Building Committee held under the Chairmanship of Hon'ble Vice Chancellor on **09.05.2023**.



Release of B.Tech. IV-II Semester (R19 and R15 Regular and Supplementary) & MBA III semester (R21 and R20) Regular and Supplementary Examinations results on **10-05-2023**.



Release of B.Pharm IV Yr II sem (R19 & R15) Reg & Supple May 2023 Exams and M.Pharm I & II sem (R21 & R17) Reg & Supple April 2023 on **12-05-2023**.



Press meet in connection with APEAPCET' 2023 was held on **13.05.2023**. The Chairman, Convener, Co conveners and core committee members of APEAPCET 2023 attended the meeting.



Hon'ble Vice Chancellor inspected ongoing APEACET'2023 examinations centers Anantha Lakshmi Institute of Technology and Sciences, Anantapur; KSRM Engineering College, Kadapa and Annamacharya Institute of Technology and Sciences, Kadapa on 15.05.2023.



Meeting held under the Chairmanship of Hon'ble Vice Chancellor with BoS Chairpersons on 16.05.2023. The Registrar, Directors, BoS Chairpersons of all disciplines attended the meeting.



Hon'ble Vice Chancellor has visited and inspected APEACET-2023 examination center, PVKK Institute of Technology, Anantapur on 17.05.2023.



Inspection of APEACET-2023 examination center, by Hon'ble Vice Chancellor on 19.05.2023.



Group photo of Chairman of APEACET 2023 Prof. G. Ranga Janardhana, Convenor Prof. C. Shoba Bindu, Co-Convenors Prof. P.R. Bhanumurthy, Prof. G. V. Subba Reddy along with Prof. M. Vijaya Kumar the Rector, Prof. C. Sashidhar Registrar, members of APOnline, TCS, core committee members and support staff on 23.05.2023



Observance of 55th Death Anniversary of Pt. Jawaharlal Nehru the First Prime Minister of India @ Nehru Statue, JNTUA CEA on **27.05.2023**



Observance of 55th Death Anniversary of Pt. Jawaharlal Nehru the First Prime Minister of India @ University Administrative Building on **27.05.2023**



Regional Cluster Group meeting held on **31.05.2023** to discuss action plan in connection with the 5th Andhra Pradesh Higher Education Planning Committee meeting to be held at JNTUK Kakinada in July 2023.



Meeting under the Chairmanship of the Hon'ble Vice-Chancellor on **31.05.2023** regarding establishing the Centres of Excellence at JNTUA. The Rector, Registrar, Principal, Vice Principal, and Heads of the departments attended the meeting.

Tech Ananth

**JAWAHARLAL NEHRU TECHNOLOGICAL
UNIVERSITY ANANTAPUR**

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