



**SKR & SKR GOVERNMENT COLLEGE FOR WOMEN (A),
RE-ACCREDITED "B" BY NAAC
AFFILIATED TO YOGI VEMANA UNIVERSITY**



**e-MAGAZINE
2021-2022**

COMMISSIONER OF COLLEGIATE EDUCATION



**SRIPOLA BHASKAR GARU, IAS.
COMMISSIONER OF COLLEGIATE EDUCATION
Government of Andhra Pradesh.**

Our sincere thanks to Honourable Commissioner Sir for his encouragement, guidance and support in all our activities.

MESSAGE FROM REGIONAL JOINT DIRECTOR OF COLLEGIATE EDUCATION



Dr D. Nagalinga Reddy Garu
Regional Joint Director of Collegiate Education

We are living in an age of internet of things, artificial intelligence and robotics. E-books are gradually replacing paperbacks. E learning is the modern method of acquiring knowledge. The attempt by an educational institution to bring out an e-magazine is in line with the development of modern methods in the field of education.

A magazine is not just a record of events but an opportunity to the faculty and students to present their novel scientific ideas and poetic flair. While I appreciate the efforts of the principal, faculty and students in bringing out this e magazine, I also hope that this will set an example to other educational institutions in providing a modern platform to young intellectuals and writers to present their creative ideas and show case their latent talents.

I wish that many more such creative things will come out from this institution.

PRINCIPAL'S MESSAGE



Dr. P. SubbaLakshumma M. Com, M.Phil., Ph.D
Principal

With a pleasant environment and adequate learning ambience, SKR & SKR Govt. College for Women (A), Kadapa is imparting quality education with values through blended teaching-learning and reaching the expectations of the stakeholders in empowering the women students.

Good education is the foundation for a secure, prosperous and bright future. Our students, the learners of today, are well trained to face the challenges of highly competitive future. We have well experienced, qualified and highly motivated faculty, staff and skill development trainers to make sure that our students enhance their thinking capacity, analytical frameworks, interpersonal skills, communication skills and technical skills which will mould them into well rounded technocrats. Also, our autonomous status allows us to constantly review the curriculum and update as per the industry requirements which ensures that all our students are industry ready when they leave our institution. Outcome Based teaching learning process, academic discipline, innovative practices in the laboratory, project based subject learning, bridge course, remedial

classes, research and development activities, industry linked training and internship opportunities, various skill training for facing interviews, personality

development programmes and active participation in the various seminars, conferences, activities for life skills, yoga and meditation, etc. In both curricular and co-curricular activities our students have been faring exceptionally well at various levels and upholding the prestige of the institution. INFLIBNET facility was yet again extended

to all the students and staff of the college. Implementing Swachh Bharat, Jagananna Pachhathoranam, conducting awareness programmes and celebrating national importance programmes creates sense of responsibility in all stakeholders. The active role of statutory and non-statutory bodies, NCC, NSS, WEC, Anti Ragging Cell, Consumer club, Eco club, Alumni etc., enhance good administration and academic excellence of the institution. On its part, the Department of Collegiate Education, AP is extending constant support to the students by taking timely initiatives in providing employment through the conduct of job recruitment drives in the College.

Being an excellent destination for quality education, SKR & SKR Govt. College for Women (A), Kadapa. With its veteran management, faculty and staff are contributing significantly to make the students to reach the pinnacle of prospective career.

PREFACE

YSR Kadapa is one of the Districts in the Andhra Pradesh which is known for its historical and cultural prosperity. The name of the District was originated from the Telugu word “Gadapa” which means threshold or doorstep to the sacred hill Tirumala of Lord Venkateswara Swami. Kadapa Koti Reddy garu belonged to land lord family and educated class. From 1921 to 1947 he was active in the freedom struggle and from 1947 to 1968 he was an active member of the legislature and the state cabinet. His association with Gandhi, Tanguturi Prakasampantulu, Neelam Sanjeeva Reddy etc, helped him in strengthening the freedom movement in Rayalaseema region of Andhra Pradesh consisting of Cuddapah, Kurnool, Anantapur and Chittoor districts

With the tremendous efforts and massive contributions of Sri Koti Reddy Garu and his wife, Smt. Koti Reddy Rama subbamma the foundation stone of this college was laid on 19/10/1973. The institution was named after them to remember and cherish their good deeds. This institution was established to cater the higher educational needs of the women students in the landscape of Kadapa region.

Since its establishment in 1973, the college has been exhibiting phenomenal growth and development in terms of academic excellence, co-curricular and extra-curricular aspects. While serving the educational needs of the students of socially, economically and academically poor back ground, this institution has genuinely attempted to contribute its optimum towards the noble cause. In a bid to impart quality education to the students, the highly learned faculty of this college has been sincerely extending services with unswerving commitment to the institution. The basic amenities required are effectively provided to the students. Student centric and innovative teaching pedagogies are being adopted successfully for the better teaching-learning practices.

The college is endeavoring to reach the excellence by providing all pervasive education through various activities linked with academic prosperity such as classroom seminars, guest lecturers of the scholars, science exhibitions, national festivals, cultural programs, JKC training, RRC, NCC, NSS, sports and games. The college has been identified for its best discipline and strict policy of conduction of various examinations. Now the college has moved a step ahead to meet the ISO standards and provide the best possible quality education to the students with global competencies.

College magazine is devoted to the encouragement of innate talents of students in academic, literature and cultural activities. It gives an opportunity to articulate in briefing of the activities and achievements of the college, thus building a bridge between the society and the college. It is a window that propagates the academic and non-academic achievements of the college.

The College Planning and Development Committee CPDC ratified in its meeting to publish a magazine for the academic year 2021-2022. To catch up with the current day technology the magazine committee planned to prepare an e magazine.

The magazine committee on behalf of the college expresses deep sense of gratitude to Sri Pola Bhaskar, I.A.S. Commissioner CCE, A.P, Dr D. Nagalinga Reddy RJDCE, Kadapa for their inspirational support and permission to publish the magazine. Thanks to Dr. P. Subba Lakshumma, Principal for the motivation and opportunity given to the committee in bringing out this magazine. We thank all those who helped to bring this magazine under these conditions. We hope that the magazine will be received by one and all.

MAGAZINE COMMITTEE

CONVENOR

Dr K. V Prasad
Lecturer in English

Members

Kum K. Shalini, Contract faculty in Mathematics
Dr Y. Raja Narayana, Contract faculty in English

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About the College

The college was established on 12-08-1983 and is affiliated to Yogi Vemana University, Kadapa. The college offers BA, B.Com (Gen), B.Com (CA), BSc (MSCs), BSC (MPCs), BZC Telugu and English Medium courses. The institution developed a structured and effective implementation of the curriculum. Academic calendar is prepared as per the Yogi Vemana University academic schedule and with the guidelines of CCE. The institution has well qualified dedicated and experienced faculty. The institution possesses with sufficient furniture, Two computer labs, Science Laboratories, one Virtual Class, Three Digital Classrooms, Library, Gym, Sports facility, with sufficient technical staff. The IQAC Committee with consultation of Head of the departments prepare action plans to arrive an optimal and effective way of Teaching and Learning. The annual plan includes course objectives and outcomes. Study material, list of reference books and e-resources are provided to the students at the beginning of each semester. Internal tests are conducted to evaluate the performance of students. The Curriculum is also including value added courses such as professional ethics and moral values in I year and ES in II year.

The traditional classroom teaching is supplemented by virtual and digital classroom, regular tests, study hours, group discussions, lab work, study projects, seminars and industry visits. Bridge courses were conducted to the fresher's by all the departments. There are various committees which take care of the students such as women grievance committee, anti-ragging committee, discipline committee. There is active representation and participation of students in both academic and administrative bodies/committees. The college follows ward system which closely monitor the merits and demerits of the student. Various awareness programmes were conducted to enhance the quality of education. The IQAC committee reviews continuously, the progress of syllabus and performance of the students. Academic and Administrative records of the students are maintained.

VISION

To impart value based higher education for women students hailing from rural, economically in stable back ground and to bring in changes on par with the needs of the society particularly in the context of globalization.

To empower women students to contribute towards Nation Building

MISSION

To provide quality Education to women students, help them in acquiring knowledge, building self-confidence and positive thinking.

We aim at developing leadership qualities, communication skills and technical competencies.

To empower the women students towards self-reliance.

To strive for all-round development of the students.

OBJECTIVES

1. To strive for excellence in providing holistic education.
2. To create opportunities of learning with inclusiveness.
3. To promote continual learning with quality consciousness.
4. To encourage students to think innovatively.
5. To enhance self-confidence among the students.
6. To augment collective learning of teachers and students.
7. To expand the resource base for knowledge with linkages.
8. To use ICT extensively in the teaching-learning process.
9. To provide employable skills to make the students industry-ready.
10. To sharpen the creative faculties of students with reason and values.

QUALITY POLICY

SKR & SKR Government College for Women (A), Kadapa believes in quality enhancement academic and non-academic prospects. The fraternity of the College stand on the word that quality is not accidental, but is a product of sustained efforts over a period of time by all the stakeholders in the learning process. The college strives to create a consciousness of quality among the teachers, students, parents and local community by creating an academic ambience for acquiring knowledge and skills as collective social pursuit rather than isolated pedagogic process. Any initiative that helps in the growth of student in any sphere is given consideration. The inclusive learning opens up new vistas for expanding learning resources from linkages with social and industrial organizations. The college endeavors to continually create benchmarks of quality and achieve them with unswerving commitment. The knowledge and skills acquired by students should make them competent to take up individual, domestic and social challenges in order to become empowered growth engines of the nation. The college makes sustained efforts to instill a sense of responsibility to make the students more sensible and sensitive in civic life and to practice cherished values to create a better and human society. With the academic exposure of 47 years, our College is taking all the measures to grow and re built itself to meet the expectations and excellence of the fast growing country. The college is continuously trying to empower the students and provide value based and value added education and training to the students for their holistic development. The following are the quality strategies followed by our college:

- To establish and maintain a quality assurance system which ensures the continuous improvement of teaching, learning and all support systems at the College.
- To empower the faculty and staff to update their knowledge from time to time for aligning teaching-learning with the real-world requirements.
- To create the motivating and facilitating conditions for improving the quality of teaching with the help of human resource management initiatives and professional development opportunities and programs;.
- To establish an integrated planning and quality assurance cycle which is effectively communicated throughout the organization and which guides all college operations.

Brief History of the College

SKR & SKR Government College for Women (A), Kadapa was established in the year 1973 with an aim to cater to the higher educational needs of women students in the landscape of Rayalaseema region and to empower women folk to face the global challenges with competencies for their sustainability. The total campus spread in an area of 3.5 acres with mammoth infrastructure with attached hostel. Outcome based education policy is implemented in reaching the expectations of the women students. College obtained UGC 2f and 12B status on 01.04.1994. At present the college is offering 15 UG programs and 02 PG programs in Conventional and Re-structured (Self-finance) programs. It is renowned for its quality and in the vicinity in and around Kadapa District. The institute has completed two NAAC cycles and ready to go for third cycle in Dec, 2022. Under the leadership of eminent Principal and experienced staff, the college attained Autonomous Status for a period of six years and completed its first four academic years in Autonomous pattern in the Academic years 2017-18, 2018-19, 2019-20 and 2020-21 successfully. Since its inception the college in 1973, it has made significant progress in quality and quantity under the able guidance of 32 renowned Principals been exhibiting phenomenal growth and development in terms of academic excellence, co-curricular and extra-curricular aspects. While serving the educational needs of the students of socially, economically and academically poor background, this institution has genuinely attempted to contribute its optimum towards the noble cause. In a bid to impart quality education to the students, the highly learned faculty of this college has been sincerely extending services with unswerving commitment to the institution. The basic amenities required are effectively provided to the students. Student centric and innovative teaching pedagogies are being adopted successfully for the better teaching learning practices in a blended manner i.e., both online and offline. The college is endeavouring to reach the excellence by providing all pervasive education through various activities linked with academic prosperity such as classroom seminars, field study projects, guest lecturers of the scholars, science exhibitions, national festivals, cultural programs, JKC training, RRC, NCC, NSS,

sports and games. The college has been identified for its best discipline and strict policy of conduction of various examinations.

Late Major Nadeemulla, the then Principal of Govt. Arts College, Kadapa (1972), Smt. K. Rama Subbamma, a lady freedom fighter and Sri K. Koti Reddy, freedom fighter and Member of Parliament, Member-Town Development Committee, Kadapa, took out a delegation to the then Governor of A.P. for the establishment of Degree College for Women in Kadapa town. The Govt. was pleased to sanction a Degree College for women.

The College was started in 1973 in the left off old judge court building with B.A., Group (TM & EM) and B.Sc Group (TM & EM). Most of the classes were conducted in the open air under the shade of the trees, symbolic to that of Tagore's Shanthinikethan. Later the college shifted to new building constructed with an amount of Rs. 30 lakhs in the year 1999.

Late Dr. Y. S. Rajasekhar Reddy, the then Honorable Chief Minister of A.P. sanctioned an amount of Rs. 3.5 crores for the construction of new college building. The foundation stone was laid down by the then Chief Minister on 23-12-2005 and the building was completed in 2008. The New Majestic Building with all the facilities owes its existence to Late Dr. Y.S. Rajasekhar Reddy. In due course of time need based and job oriented courses were introduced from time to time. Now the college is offering 16 UG Courses and 1 P.G course in English to the young women of Kadapa and its surroundings. With Adequate infrastructure facilities with a team of dedicated and hardworking teachers under the able leadership of the Principal Dr. P. Subba Lakshumma transact the curriculum content to the student's year long. The progress of learning is constantly evaluated by Continuous Internal Assessment and External Assessment in semester pattern of examination to achieve the outcomes. At present the college is offering 15 UG programmes (10 Restructured and 5 Conventional courses and 2 PG programmes M.A. English and M.Sc. Zoology. Moreover the student intake capacity also enhanced continuously. In all UG programmes the enrolment of student for the academic year 2021-2022 is 1st year 705, 2nd year 652, 3rd year 670 and with total strength of 2042. In all PG programmes 2nd year students strength is 22.

LIST OF DEPARTMENTS

S.No	Department	Year of Establishment
1.	Department of English,	1973
2	Department of Hindi	1973
3	Department of Urdu	1973
4	Department of Telugu	1973
5	Department of Political Science	1973
6	Department of History	1973
7	Department of Economics	1973
8	Department of Computer Science	1999
9	Department of Mathematics	1999
10	Department of Physics	2011
11	Department of Botany	1973
12	Department of Zoology	1973
13	Department of Physical Education	1973
14	Department of Chemistry	1973
15	Department of Commerce	1977
16	Department of Bio-Chemistry	1998

STAFF COUNCIL		
S.NO.	Designation	Name and Designation of the Member
1	Chairman	Dr P. SubbaLakshumma, Principal
2	Secretary	Smt L. Sudheera, Lecturer in Chemistry
3	Members	<p>All department In-charges</p> <p>English - P. Sujatha</p> <p>Telugu - Dr.Shazeeya Begum</p> <p>Hindi - Dr.Shazeeya Begum</p> <p>Urdu - Dr.Shazeeya Begum</p> <p>TTM - Dr.Shazeeya Begum</p> <p>History - T. Srinivasulu Reddy</p> <p>Economics - G. Vijaya Lakshmi</p> <p>Political Science - M. VeeraBhadraiah</p> <p>Commerce - V. Sreerama Reddy</p> <p>Botany - Dr. P. Subramanyam</p> <p>Zoology - Dr. P. Sachi Devi</p> <p>Chemistry - L. Sudheera</p> <p>Bio-Technology - Dr. P. Sachi Devi</p> <p>Micro-Biology - Dr. B. Priyadarsini</p> <p>Bio- Chemistry - Dr. B. Priyadarsini</p> <p>Horticulture - B. Yugavani</p> <p>Mathematics - Dr. P. Gurivi Reddy</p> <p>Computer Science - A. Haritha</p> <p>Physics - Dr. M. Padmavathi</p> <p>Electronics - Dr. M. Padmavathi</p> <p>Statistics - N. Raghavendra</p> <p>Physical Education - K. Madan Mohan</p>

Articles by Staff and Students

Tuck! Tuck! Tuck!

L. Reddy Pyari

Student, III B.Sc MPCs

SKR & SKR GOVT. COLLEGE FOR WOMEN (A), KADAPA

Tuck! Tuck! Tuck!

I looked up,
sitting under cool shade,
Lounging in a wooden
swing, I was lost in ponder,
His beak long and sharp,
Is a nice slit,
With a cushion wet,
I saw him pecking,
Busy at his work,
Neither a turn nor a run,
But both in a single
look, Beating his beak,
Against the rugged bark,
Enjoying his meal,
Amids this operation,
The crow's song,
Harshly echoing the grove,
Never break his action,
Jealous were I to see,
His contented business,
Flung a stone with a force,
Out flew he with scared eyes,
Leaving cynic pleasure in my eyes.

EFFECTS OF DRUG/ ALCOHOL ABUSE

S. Ayesha Siddiqua
Student, III B.Sc MPCs
SKR & SKR GOVT.COLLEGE FOR
WOMEN (A), KADAPA.

Before making the decision to abusing drugs and alcohol, you should be aware of the harmful effects this can have on you. The immediate adverse effects of drugs and alcohol abuse are manifested in the form of reckless behavior, vandalism and violence. Excessive doses of drugs may lead to coma and death due to respiratory failure, heart failure or cerebral haemorrhage. A combination of drugs or their intake along with alcohol generally results in over dosing and even deaths.

The most common warning signs of drug and alcohol abuse among youth include drop in academic performance, unexplained absence from school/ college, lack of interest in personal hygiene, withdrawal, isolation, depression, fatigue, aggressive and rebellious behaviour, deteriorating relationships with family and friends, loss of interest in hobbies, change in sleeping and eating habits, fluctuations in weight, appetite etc.

There may even be some far-reaching implications of drug/alcohol abuse. If an abuser is unable to get money to buy drugs/ alcohol he/she may turn to stealing. The adverse effects are just not restricted to the person who is using drugs or alcohol. At times, a drug/alcohol addict becomes the cause of mental and financial distress to his/her entire family and friends.

Those who take drugs intravenously (direct injection into the vein using a needle and syringe), are much more likely to acquire serious infections like AIDS and Hepatitis B.

The viruses, which are responsible for these diseases, are transferred from one person to another by sharing of infected needles and syringes. Both AIDS and Hepatitis B infections are chronic infections and ultimately fatal. Both can be transmitted through sexual contact or infected blood.

The use of alcohol during adolescence may also have long-term effects. It could lead to heavy drinking in adult hood. The chronic use of drugs and alcohol damages nervous system and liver (cirrhosis). The use of drugs and alcohol during pregnancy is also known to adversely affect the fetes. Another misuse of drugs is what certain sports persons do to enhance their performance.

They (mis) use narcoticanal gesics, an abolicsteroids, diuretics and certain hormones in sports to increase muscle strength and bulk and to promote aggressiveness and as a result increase athletic performance.

The side-effects of the use of anabolic steroids in females include

- Masculinization (features like males),
- Increased aggressiveness, mood swings, depression,
- abnormal menstrual cycles, excessive hair growth on the face and body,
- enlargement of clitoris, deepening of voice.

The side-effects of the use of anabolic steroids in males includes

- acne, increased aggressiveness, mood swings, depression,
- reduction of size of the testicles, decreased sperm production,
- potential for kidney and liver dysfunction,
- breast enlargement, premature baldness, enlargement of the prostate gland.

These effects may be permanent with prolonged use.

In the adolescent male or female (13-19 years), severe facial and body acne, and premature closure of the growth centres of the long bones may result in stunted growth.

EFFECTS OF TOBACCO

Smoking also paves the way to hard drugs. Tobacco has been used by human beings for more than 400 years. It is smoked, chewed or used as a snuff. Tobacco contains many chemical substances including nicotine, an alkaloid. Nicotine stimulates adrenal gland to release adrenaline and nor-adrenaline into blood circulation, both of which raise blood pressure and increase heart rate.

Smoking is associated with increased incidence of

- cancers of lung, urinary bladder and throat, bronchitis,
- emphysema (Rupture of lung surface), coronary heart disease,
- gastric ulcer, etc.

Tobacco chewing is associated with increased risk of cancer of the oral cavity. Smoking increases carbon monoxide (CO) content in blood and reduces the concentration of haem bound oxygen. This causes oxygen deficiency in the body. When one buys packets of cigarettes one cannot miss the statutory warning that is present on the packing which warns against smoking and says how it is injurious to health. Yet, smoking is very prevalent in society, both among young and old. Knowing the dangers of smoking and chewing tobacco, and its addictive nature, the youth and old need to avoid these habits. Any addict requires counselling and medical help to get rid of the habit.

KShalini,
Faculty of Mathematics.
SKR & SKR Govt. College for Women (A), Kadapa.

The Mathematical constant π , sometimes written as Pi, is approximately equal to 3.14159... Each year, Pi Day is celebrated on March 14 by math enthusiasts around the world.

Pi (Greek letter “ π ”) is the symbol used in mathematics to represent a constant — the ratio of the circumference of a circle to its diameter — which is approximately 3.14159. Pi has been calculated to over one trillion digits beyond its decimal point. As an irrational and transcendental number, it will continue infinitely without repetition or pattern. While only a handful of digits are needed for typical calculations, Pi’s infinite nature makes it a fun challenge to memorize, and to computationally calculate more and more digits.

The ancient Babylonians calculated the area of a circle by taking 3 times the square of its radius, which gave a value of $\pi=3$. One Babylonian tablet indicates a value of 3.125 for pi, which is a closer approximation.

The *Rhind Papyrus* gives us insight into the mathematics of ancient Egypt. The Egyptians calculated the area of a circle by a formula that gave the approximate value of 3.1605 for pi.

The first calculation of pi was done by Archimedes of Syracuse one of the greatest mathematicians of the ancient world. Archimedes approximated the area of a circle by using the Pythagorean Theorem to find the areas of two regular polygons: the polygon inscribed within the circle and the polygon within which the circle was circumscribed.

Since the actual area of the circle lies between the areas of the inscribed and circumscribed polygons, the areas of the polygons gave upper and lower bounds for the area of the circle. Archimedes knew that he had not found the value of pi but only an approximation within those limits. In this way, Archimedes showed that pi is between $31/7$ and $310/71$.

A similar approach was used by ZuChongzhi a brilliant Chinese mathematician and astronomer. ZuChongzhi would not have been familiar with Archimedes’ method—but because his book has been lost, little is known of his work. He calculated the value of the ratio of the circumference of a circle to its diameter to be $355/113$. To compute this accuracy for pi, he must have started with an inscribed regular 24,576-gon and performed lengthy calculations involving hundreds of square roots carried out to 9 decimal places. Mathematicians began using the Greek letter π in the 1700s. Introduced by William Jones in 1706, use of the symbol was popularized by Leonhard Euler, who adopted it in 1737. An Eighteenth- century French mathematician named Georges Buffon devised a way to calculate pi based on probability.

Despite efforts to calculate pi by everyone from Archimedes to Sir Isaac Newton

to present-day mathematicians with supercomputers, there is still no formula that would allow you to figure out, in base 10, any digit of pi without having to calculate everything that came before it. In other words, if you wanted to know the 24,000th digit, there's no way of figuring that out without putting down all 23,999 numbers before it. Such calculations can be done in binary, but it's not so interesting to know whether it's just a 0 or a 1.

Mathematicians know that pi is irrational -- it cannot be represented as one number divided by another -- and transcendental, meaning it is not algebraic. That means, theoretically, that its digits will continue on indefinitely without ending in repetition -- in other words, the digits won't suddenly continue infinitely as 5s after 3 trillion digits (Pi's digits were calculated out to are cord 2.7 trillion places in December by French computer scientist Fabrice Bellard).

The circle is a two-dimensional shadow of the sphere which is regarded throughout cultural history as an icon of the ineffable oneness; the indivisible fulfillment of the Universe. All other symbols and geometries reflect various aspects of the profound and consummate perfection of the circle, sphere and other higher dimensional forms of these we might imagine.

The ratio of the circumference of a circle to its diameter, Pi, is the original transcendental and irrational number. It cannot be expressed in terms of the ratio of two whole numbers, or in the language of sacred symbolism, the essence of the circle exists in a dimension that transcends the linear rationality that it contains. Our holistic perspectives, feelings and intuitions encompass the finite elements of the ideas that are within them, yet have a greater wisdom than can be expressed by those ideas alone.

INTERNET OF THINGS (IOT)

**S. JUVERIA,
Student,
II B.Sc MPCs
SKR & SKR Govt.College for Women (A), Kadapa.**

What is IoT?

The Internet of Things (IoT) is the network of physical objects or "things" embedded with electronics, software, sensors, and network connectivity, which enable these objects to collect and exchange data.

IoT allows objects to be sensed and controlled remotely across existing network infrastructure, creating opportunities for more direct integration between the physical world and computer-based systems, and resulting in improved efficiency, accuracy and economic benefit.

History of IoT:

The term Internet of Things is 16 years old. But the actual term "Internet of Things" was founded by Kevin Ashton in 1999 during his work at Porter & Gamble (company). Ashton who was working in supply chain optimization, wanted to attract senior management's attention to a new exciting technology called RFID (Radio frequency identification). Because of internet was the hottest new trend in 1999 so that he called his presentation "Internet of Things".

Radio-frequency identification (RFID) has become very important for the IOT at that point. If all objects and people in daily life were formed with identifiers, computers could manage them easily through IOT. Besides using RFID, the tagging of things may be achieved through such technologies as near field communication, barcodes, QR codes, Bluetooth and digital water marking.

How IOT works?

Internet of Things is not the result of a single novel technology; instead, several complementary technical developments provide capabilities that taken together help to bridge the gap between the virtual and physical world.

These capabilities include:

- ❖ Communication and Cooperation
- ❖ Addressability
- ❖ Identification
- ❖ Sensing

- ❖ Actuation
- ❖ Embedded information processing
- ❖ Localization
- ❖ User interfaces

CURRENT STATUS & FUTURE PROSPECT OF IOT

Applications of IOT

Building and Home automation

Manufacturing

Medical and Health care systems

Media

Environmental monitoring

Infrastructure management

Energy Management

Transportation

Better quality of life or elderly etc.

SENTIMENT ANALYSIS ON SOCIAL NETWORK

S. RIZWANA

Student, II B.Sc MSCs

SKR & SKR GOVT.COLLEGE FOR WOMEN (A), KADAPA.

Sentiment analysis or opinion mining is the computational study of people's opinions, appraisals, attitudes and emotions toward entities, individuals, issues, events, topics and their attributes. The task is technically challenging and practically very useful. For example, businesses always want to find public or consumer opinions about their products and services. Potential customers also want to know the opinions of existing users before they use a service or purchase a product.

Any important decision making or any policy change, is posted in the social network by

the officials, and based on the follower's comments, they will try to understand whether the people are positive regarding that issue.

Many times, in news channels, we see that the channel, posts an issue, and raises an SMS poll asking the audience to choose "Yes" or "NO". They will also immediately post a charts showing how many are saying "yes" and how many are saying "No".

Sentiment analysis takes the comments which are not simple "yes" or "No". Based on the keywords used, the order in which they are used, the positive or negative trend will be analyzed.

For example, government officials and celebrities always tweet important issues in twitter. Millions of followers will be following them. Based on the comments made by the followers, they will understand whether their tweet is in positive trend or negative trend.

In Facebook or Twitter, every user will have a unique user ID. Every post or tweet, posted by the user will have a unique post ID. When a user posts on the social network, the post will be liked or disliked. Posts will also receive comments.

These comments can be positive, negative or neutral. These comments are analyzed using Artificial Intelligence and Deep Learning Techniques to understand whether the majority of the viewers expressed positive opinion, or negative opinion.

The explosive growth of social media and user generated contents on the web provides a potentially relevant and rich source of data. There are three different ways how users on Twitter Interreact:

- 1) A user follows posts of other users.
- 2) a user can respond to other users tweets by mentioning them, and
- 3) a user can forward interesting tweets of influence of the user, are defined on Twitter: in degree influence (the Number of followers, indicating the size of his audience), mention influence (the number of mentions of the user, indicating his ability to engage others in conversation), and re tweet influence (the number of re tweets, indicating the ability of the user to write contest of interest to be forwarded to others). They find that mention and re tweet influence are correlated, but that in degree alone reveals little about the user's actual influence. This is also known as the million-follower fallacy. Instead of the number of followers, they show that it is more influential to have an active audience who mentions or re tweets the users, analyze factors which have a positive impact on the number of re tweets: URLs, hash tags, the number of followers and followers, the age of the account, but not the number of past tweets. They quantify the influence on Twitter by tracking the diffusion of URLs through re tweet cascades. They find that the longes retweet cascades tend to be generated by the most influential users in the past.

ORGANIC FARMING- AN ECO-FRIENDLY APPROACH

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Organic Farming is a form of agriculture which avoids the use of synthetic inputs such as synthetic fertilizers, pesticides, herbicides, and live stock feed additives. As far as possible organic farmers depends on crop rotation, crop residues, animal manures and mechanical cultivation to maintain soil productivity, supply plant nutrients and to control weeds, insects and other pests. In other words, the role of Organic manure whether in farming, processing and distribution is to sustain and enhance the health of Eco systems and living organism.

Organic farming combines scientific knowledge and modern technology with traditional farming practices based on thousands of years of agriculture. Organic farming is based on the natural break down of organic matter, using techniques like green manure and composting to maintain nutrients taken from the soil by the previous crops. Organic farming uses variety methods to improve soil fertility including crop rotation, cover cropping and application of Mulching.

Organic farming tends to tolerate some pests' populations while taking the long view. In Organic farming, pest control involves techniques like encouraging useful insects, micro organism, careful crop selection and crop rotation. Each of these techniques also provides other benefits like soil protection, fertilization, pollination and water conservation. Increasing productivity at lower cost, friendly environment, reducing food contamination and increasing food quality are the major advantages of organic farming.

OZONE DEPLETION IN THE STRATOSPHERE

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There is **'good' ozone** also; this ozone is found in the **upper part of the atmosphere called the stratosphere**, and it acts as a shield absorbing ultra violet radiation from the sun.

UV rays are highly injurious to living organisms since DNA and proteins of living organisms preferentially absorb UV rays, and its high energy breaks the chemical bonds within these molecules.

Ozone gas is continuously formed by the action of UV rays on molecular oxygen, and also degraded into molecular oxygen in the stratosphere. There should be a balance between

production and degradation of ozone in the stratosphere.

Oflate, the balance has been disrupted due to enhancement of **ozone degradation** by **Chloro fluoro carbons (CFCs)**.

CFCs find wide use as refrigerants and coolants. CFCs discharged in the lower part of atmosphere move upward and reach stratosphere. In stratosphere, UV rays act on them releasing Cl atoms. Cl acts as catalysts and degrades ozone releasing molecular oxygen, with these atoms acting merely as catalysts; Cl atoms are not consumed in the reaction.

Hence, whatever CFCs are added to the stratosphere, they have permanent and continuing effects on Ozone levels. The thickness of the ozone in a column of air from the ground to the top of the atmosphere is measured in terms of **Dobson units (DU)**.

Although ozone depletion is occurring widely in the stratosphere, the depletion is particularly marked over the Antarctic region. This has resulted in formation of a large area of thin ozone layer, commonly called as the **ozone hole**.

UV radiation of wavelengths shorter than UV-B, are almost completely absorbed by Earth's atmosphere, given that the ozone layer is intact.

Recognizing the deleterious effects of ozone depletion, an international treaty, known as the Montreal Protocol, was signed at **Montreal (Canada) in 1987 (effective in 1989)** to **control the emission of ozone depleting substances**. Subsequently many more efforts have been made and protocols have laid down definite road maps, separately for developed and developing countries, for reducing the emission of CFCs and other ozone depleting chemicals.

Ozone hole is the area above Antarctica, shown in purple colour, where the ozone layer is the thinnest. Ozone thickness is given in Dobson unit. The ozone hole over Antarctica develops each year between late August and early October.

WOMEN AND POLITICS

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'Politics' is often defined in very narrow terms as the electoral participation in a democracy. The varied activities that are performed by a person in an elected position or as part of the voters' duty, are defined as political participation. This is because such participation is expected to be the spring-board of decision-making in the public sphere which, in turn, is denoted as power. Politics being a game of power, and power being the deciding factor in moulding relations in society, an individual's role in politics, and the nature and extent of her/his

participation is vital to her/his position in, and contribution to, society. While the value and impact of women's participation in voting and the pattern of their exercise of this power cannot be under estimated, women's participation, impact and role in other political activities are equally important. These are ongoing activities and are pursued even during the inter-election period; their cumulative effect influences the policies; manifestoes, campaign issues, campaign methods and techniques and above all, the choice of candidates by the parties in the electoral fray.

There are still other spheres which mould women's role and participation in elections as voters and candidates or as ministers and 'decision-makers'. Not merely in the public sphere, but even in the private realm of family and marriage, women have too often wagesilent, and unrecognized battles for survival and development, against invisible cultural stereotyped roles and obvious, deliberate gender discriminations. Such struggles have become part of schooling, employment, political contests etc. While some women are capable of resisting them, many others merely accept them. Similarly, there are many who exercise independent judgement, while perhaps many others seek or perforce subject themselves to others' judgement and advice. Such actions and decisions are not merely 'political' in themselves, but also help mould the attitude and personality of individuals. The family and workplace thus cease to be the citadels of protection or the soil for the development of one's talents, personality and abilities, but end up as a prison inhibiting their growth.

It is, thus, essential to study, apart from the electoral participation of women, their participation in the peasant and working-class movements, autonomous women's movements, women's wings/units within political parties and interest groups etc. There are also the spontaneous out bursts and informal struggles of unorganized women etc. One needs to study these in order to really gauge women's political awareness and participation.

FIT INDIA MOVEMENT

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Every year on **August 29**, India celebrates its **National sports day**. The day is celebrated to honor the legendary hockey player **Major Dhyana Chand Singh**. The day is observed to spread awareness on the importance of sports and daily activities in everyone's life.

This year, on the occasion of National Sports Day, Prime Minister Narendra Modi Ji launched the '**Fit India Movement**'. He has asked everyone to take up sports as it has a direct connection with fitness and fitness is necessary for a healthy life.

Fit India Movement is a nation-wide movement in India to encourage people to remain

healthy and fit by including physical activities and sports in their daily lives. It was launched by Prime Minister of India Narendra Modi at Indira Gandhi Stadium in New Delhi on 29 August 2019. The campaign has a "Fitness Pledge" that reads *"I promise to myself that I will devote time for physical activity and sports every day and I will encourage my family members and neighbors to be physically fit and make India a fit nation"*.

A committee has been formed to advise government on this campaign. It is composed of various government officials, members of Indian Olympic Association (IOA), national sports federations, private bodies and fitness promoters. As per union HRD department directive states and union territories can request for funds as per guidelines to procure listed fitness items for children studying in government schools. The equipment purchased from the grants are to be maintained in workable condition by the authorities concerned. It is also mandated to keep record of working, repairable and damaged beyond repair equipment. The schools are also allowed to include their traditional and regional games.

Private schools: In November 2019, the PM announced Fit India grading for schools that will rank them in order of the fitness. Eligible schools can apply for ranking and once confirmed they will be allowed to use the Fit India logo and flag.

Institutions & Individuals: There are representatives of private bodies such as Confederation of Indian Industries (CII), Reliance Foundation, JSW Cement and JSW Paints, SE Trans Stadia Pvt. Ltd., Tata Trust, ASSOCHAM India, Federation of Indian Chambers of Commerce & Industry (FICCI), government institutions like Ministry Of Defense, Sainik School Society along with Jignesh actors Shilpa Shetty and Milind Soman etc. On 6 September 2019, the 17th and the current Lok Sabha speaker Shree Om prakash Krishna Birla conducted a Fit India session in the parliament complex and invited upon all MPs to pursue the movement in their constituencies. Participating in as port requires passion and dedication, which are the key features for achievement in a field. Encouraging young generation in sports not only provides healthy life style but also improves sports man ship and leadership qualities.

Benefits of Playing Sports: Apart from keeping you fit and healthy, sports have many other benefits also. Sports improve stamina and strengthen the body. Children who play sports develop sportsmanship spirit. They learn how to work together and cooperate in a team. When it comes to sports, sometimes you win and sometimes you lose. Playing sports increases a child's ability to deal with failure. These kids are able to cope better with failure. Sports also help in weight loss. Sports provide a chance for children to showcase their leadership skills. It helps them to develop discipline. Being a part of the school sports team enables your child to make more friends and become a known face in school. There are many sports competitions and events which are held in school and outside school. Playing sports provides an opportunity for children to display their talent and achieve success

SAVE TREES AND SAVE EARTH

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Trees gives us life and really very important for the survival on the earth. Many people are dependent on the tree for their survival economically for example paper industries, rubber industries, match industries, etc are totally dependent on trees. The main role of trees is giving fresh and oxygenated air to us and consumption of CO₂ however they also give protection, shadow, food, source of money, home, medicines, etc to the people.

Trees are the source of rain on the earth as they attract clouds which ultimately bring rain. They also help in checking soil erosion and keep environment fresh by preventing from pollution. They are the home of wild animals and source of wild life in forests. Trees are very helpful and useful friends of humanity. They clean soil by filtering sewage and chemicals, control noise pollution, air pollution, reduce flash flooding, etc. By seeing the importance and value of trees in our life, we should honor and save trees in order to save life and environment.

INTERNET

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What is Internet?

The Internet is a network of computers linking many different types of computers all over the world. It is a very large wide area network (WAN) connecting computers and networks around the world. If possible, for millions of users to connect to one another via telephone lines, cables and satellites.

History of Internet

- 1) The concept of Internet was introduced in 1969
- 2) The origin of Internet devised from the concept of Advanced Research Project Agency Network (ARPANET)
- 3) ARPANET was developed by United States Department of Defense.

Uses of Internet:

We are living in an IT revolution era. Internet and computers have already taken over each and every field. We could not find an area or sphere where internet and computers are not

being used! Education, Industry, finance, defense, teaching, learning, research, medicine, accounting, entertainment, internet, online teaching, telecommunication, media, and space research and exploration. Internet and computers have created such an order in every field. Expert teachers teach students using smart boards and interactive whiteboards. Internet has enabled both students and teachers to process learning data many times faster than was possible in a traditional classroom.

Advantages:

Internet helps in improving our knowledge.

It helps to complete home works.

It helps to clear our doubts.

It shows the whole world in our house.

It helps more in studies.

We can read many books in Internet which we cannot able to buy.

We can buy many things online with the help of Internet.

Disadvantages:

Harms our eyes.

More diseases occur.

Waste of time when we play in Internet.

Our brain will loss thinking power if we use it for more time.

Effects on human relations.

MATH IN REAL LIFE

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Mathematics is a powerful tool for global understanding and communication that organizes our lives and prevents chaos. Mathematics helps us understand the world and provides an effective way of building mental discipline. Math encourages logical reasoning, critical thinking, creative thinking, abstract or spatial thinking. Problem solving ability and even effective communication skills. Mathematics is a study of measurements, numbers, and space,

which is one of the first sciences that human work to develop because of its great importance and benefit. The origin of word mathematics in Greek, which means tendencies to learn, and there are many branches of mathematics in science, that are related to the numbers, including the geometric forms, algebra, and others. Mathematics plays a vital role in all aspects of life, whether in every day matters such as time tracking, driving, cooking or jobs such as accounting, finance, banking, engineering and software. These functions require a strong mathematical background, and scientific experiments by scientists need mathematical techniques. They are a language to describe scientist work and achievements. As for mathematical inventions, they are numerous throughout the ages. Some of them were tangible, such as counting and measuring devices. Some of the marenota stangible as methods of thinking and solving.

Mathematics helps in analytical thinking. While solving math problems data are collected disassembled and then interconnected to solve them. Mathematics is the pillar of organized life for the present day, without numbers and mathematical evidence, we cannot resolve many issues in our daily lives.

There are times, measurements, rates, wages, tenders, discounts, claims, supplies, jobs, stocks, contracts, taxes, money exchange, consumption, etc., and in the absence of these sports data, we have to face confusion and chaos. Thus, mathematics has become the companion of man and his helper since the beginning of human existence on earth. When man first wanted to answer questions such as “How many?” he invented math. Then algebra was invented to facilitate calculations, measurements, analysis, and engineering. The science of trigonometry emerged when humans wanted to locate high mountains and stars. Therefore, the knowledge of this article arose and developed when human felt the need and mathematics are necessary for the long planning of life and also the daily planning of any individual. Mathematical approach ementis necessary for any process, so if anyone wants to reach the height of his life, he should not fail to believe in the role of mathematics in his life, starting with the ordinary citizen. Everyday has a daily interest in Mathematics.

Mathematics is deeply related to the natural phenomenon, the way to solve many secrets of nature. Mathematics is necessary to understand the other branches of knowledge. All depend on mathematics in one way or another. There is no science, art, or specialty except mathematics was the key to it. The discipline and mastery of any other science or art are very much related to the size of mathematics.

The Important Uses of Mathematics

Can we use any entertainment game without using numbers, can we practice any sport

without using numbers, can we practice any sport without using numbers to learn if anyone is a winner or loser?

The Importance of mathematics is that it is a method based on research and analysis, to reach the desired results, and is used for calculation and presentation of data; not only the use of this science in a particular field but the use of all areas of life and different sciences.

THE NECESSITY OF COMMUNICATION SKILLS

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Communication is as old as human history. It is a process of transmitting ideas, information, and attitudes by the use of symbols, words, pictures and figures from the source, to a receiver. It is the medium utilized to convey a message. Basically, it is divided into two kinds. The First is verbal communication which includes oral, visual, written and electronic media. The Second is the non-verbal communication such as facial expression, gesture, eye contact and body posture.

The ability to communicate is the primary factor that distinguishes human being from animals. And, it is the ability to communicate well, that distinguishes one individual from another. Today, effective communication skills have become a predominant factor even while recruiting Employees. While interviewing candidates, most interviews judge them on the basis of the way they communicate. The fact is that, apart from the basic necessities, one needs to be equipped with good communication skills.

We need two kinds of skills to lead a happy and successful life. They are hard skills and soft skills. We acquire hard skills through our education. Soft skills are more difficult to acquire than hard skills. Most of the students are very good at hard skills but they lack soft skills. Soft skills determine how happy and successful we are in our life. So, they are also called life skills.

Soft skills are necessary for all kinds of people in all kinds of professions. Interpersonal skills are the skills that help us to interact with other people. They are also referred to as People skills. They involve skills such as active listening, tone of voice, delegation and leadership. It is all about how well we communicate with someone and how well we behave with them. These skills are often used in business contexts. They measure a person's ability to operate within the business organizations through social communication and interaction. They show how people relate to one another.

Communication plays a vital role in a successful relationship, both personally and

professionally. In any work environment, it is the responsibility of the leader to motivate the individuals and the group as a whole to accomplish the given task. In fact, a large number of companies are bringing in trainers to regularly conduct sessions on the subject, in order to help their workforce, maintain better interpersonal work relations.

All of us are living in a society of different cultural, social, educational, ethical and economic backgrounds. Learning how to control our facial expressions can help us to succeed in both our personal and professional life. Once we learn how to use body language, we will notice a change in how others react to us. To conclude, if we want to achieve in any field or industry, and also to lead a happy life, one must acquire good communication skills.

SUPERSTITIONS IN INDIA

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India is a country of customs, traditions, and a lot more rituals. There are some customs and rituals, which have a hidden meaning and we too blindly follow them. It was highly believed that Superstitions were first recorded in Ancient Greece.

There are many things in nature which are beyond human knowledge. We try to understand the mystery of nature but there are still many things in the world which cannot be explained through reasoning. Superstitions, most often occur during moments of vulnerability or uncertainty.

Research indicates that superstitious beliefs can actually help individuals to deal with much knowledge during adverse circumstances. Somehow, from many years the knowledge under lying traditional rituals became more and more esoteric (specialized knowledge). Some of the Superstitions followed in India are as follows:

1. Peeple is one of the trees that ghosts like to hover around and if we sleep under or near a Peeple tree at night, the ghosts will kill us.

Reason: We all know that plants undergo photosynthesis in the morning, they absorb carbon dioxide and release oxygen. But, at night, the opposite reaction occurs. Plants exhale carbondioxide. And in humans, inhalation of carbon dioxide causes death.

2. People have a blind faith that goddess Lakshmi Devi will not step into a house if that floor is not plastered with cow dung. And if it is done, they believe that all good things will happen in future.

Reason: Our ancestors probably started this practice because cow dung acts as a disinfectant that Guards against insects and reptiles which are repelled by the pungent smell of cow dung.

3. Throwing coins in rivers and other water bodies is believed for good luck and also that it would cost the sins they have committed. They also felt that they paid the money to vanish their sins.

Reason: In fact, the coins were made of copper, which is an essential element for our body's well-being. In those days' rivers used to be the main source of drinking water. When the copper coins remained in the water for a long time, it became beneficial for those who drank it. And it also kills bacteria.

4. Indian women believe that the toe ring (made of silver) indicates the health of their husbands and they are very emotional and sensitive about it. On wearing them, they believed

that their husbands will have a long life.

Reason: A particular nerve from the second toe connects the uterus and passes to the heart. Silver, being a good conductor of electricity, absorbs polar energy from the earth and passes it to the body, which will help the uterus to become strong and to regularize menstrual cycle.

5. In India, people who attended a funeral were not allowed into the house without taking a bath. Reason: Our ancestors did not have vaccination against hepatitis, smallpox, and other deadly and contagious diseases. They came up with a set of rituals to be followed after a funeral, so as to prevent infection from dead bodies.

Like how a coin has both sides, in each and everything there are both positive and negative sides. So far, we saw some positive superstitions. When we look at some of the negative superstitions, in olden days, widows were considered to be inauspicious. Breaking of mirrors, sneezing, cat crossing their way, etc., were some of the negative superstitions that our ancestors followed. But now the days are gone.

Slowly, due to education and awareness, these negative superstitions are not followed now. Due to the advancement in science and technology, there is a change in the mindset of the people. In addition to it, parents and teachers also play a vital role in eradicating these negative superstitions. So, it is always healthy to follow the practices which are beneficial to us.

CORONAVIRUS

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What is Corona Virus?

Corona virus is a contagious & infectious disease caused by a newly discovered virus. Corona viruses are named for their appearance. Under the microscope, the viruses look like they are covered with pointed structures that surround them like a corona, a Latin word for crown.

Disease: COVID-19 (**C**orona **V**irus **D**isease– Since it was first discovered in 2019, hence the name COVID-19).

Virus: SARS-CoV-2 (**S**evere **A**cute **R**espiratory **S**yndrome **C**orona **V**irus**2**)

Possible Origins of COVID-19

Corona viruses are common in different animals. Rarely, an animal coronavirus can infect humans. Coronaviruses are a large family of viruses that can cause illnesses ranging widely in severity. The first known severe illness caused by a coronavirus emerged with the 2003 Severe Acute Respiratory Syndrome (SARS) epidemic in China. A second outbreak of severe

Illness began in 2012 in Saudi Arabia with the Middle East Respiratory Syndrome (MERS).

The novel SARS-CoV-2 coronavirus have originated from a seafood market in the city of Wuhan, China in 2019 where wild animals, including marmots, birds, rabbits, bats and snakes, are traded illegally. Coronaviruses are known to jump from animals to humans, so it's thought that the first people infected with the disease—a group primarily made up of stallholders from these a food market—contracted it from contact with animals.

Based on their genomic sequencing analysis, researchers have concluded that the most likely origins for SARS-CoV-2 followed one of two possible scenarios.

In one scenario, the virus evolved to its current pathogenic state through natural selection in a non-human host and then jumped to humans. This is how previous coronavirus outbreaks have emerged, with humans contracting the virus after direct exposure to civets (SARS) and camels (MERS). The researchers proposed bats as the most likely reservoir for SARS-CoV-2 as it is very similar to a bat corona virus.

In the other proposed scenario, a non-pathogenic version of the virus jumped from an animal host into humans and then evolved to its current pathogenic state within the human population. For instance, some coronaviruses from pangolins, armadillo-like mammals found in Asia and Africa, have an RBD structure very similar to that of SARS-CoV-2. A corona virus from a pangolin could possibly have been transmitted to a human, either directly or through an intermediary host such as civets or ferrets.

Symptoms of COVID-19

COVID-19 common symptoms include:

- Dry Cough
- Fever
- Shortness of

Breath Other symptoms

include:

- Tiredness
- Aches & Pains
- Sore Throat
- Very few people will report diarrhoea, nausea or a runny nose.

In rare cases, COVID-19 can lead to severe respiratory problems, kidney failure or death.

Prognosis of COVID-19

It appears that symptoms are showing up in people with in 14 days of exposure to the virus.

Diagnosis of COVID-19

Diagnosis may be difficult with only a physical exam because mild cases of COVID-19 may appear similar to the flu or a bad cold. A laboratory test can confirm the diagnosis.

Spreading of COVID-19

SARS-CoV-2 spreads from person to person through close communities. When people with COVID-19 sneeze or cough, they expel tiny droplets that contain the virus. These droplets can enter the mouth or nose of someone without the virus, causing an infection to occur. The most common way that this illness spreads is through close contact with someone who has the infection. Close contact is within around 6 feet. The disease is most contagious when a person's symptoms are at their peak. However, it is possible for someone without symptoms to spread the virus. A new study suggests that 10% of infections are from people exhibiting no symptoms. Droplets containing the virus can also land on nearby surfaces or objects. Other people can pick up the virus by touching these surfaces or objects. Infection is likely if the person then touches their nose, eyes, or mouth.

Prevention of COVID-19

To prevent infection and to slow transmission of COVID-19, do the following:

- Wash your hands regularly with soap and water, or clean them with alcohol-based hand rub.
- Maintain atleast 1 metre distance between you and people coughing or sneezing.
- Avoid touching your face.
- Cover your mouth and nose when coughing or sneezing.
- Stay home if you feel unwell.
- Refrain from smoking and other activities that weaken the lungs.
- Practice physical distancing by avoiding unnecessary travel and staying away from large groups of people.

Treatment for COVID-19

As of now, there is not a specific treatment for the virus. People who become sick from COVID19 should be treated with supportive measures: those that relieve symptoms. For severe cases, there may be additional options for treatment, including research drugs and therapeutics.

A sample study of treating COVID-19 patients with hydroxyl chloro quine showed significant reduction of virus. Azithromycin added to hydroxyl chloroquine was significantly more efficient for virus elimination.

Deaths due to COVID-19

As of Mar. 22, 2020, there are 318,662 confirmed cases of COVID-19. 13,672 deaths have been attributed to COVID-19. However, 94,704 people have recovered from the illness. This information availed from the [corona virus COVID-19 global cases map developed by the Johns Hopk inscentre for Systems Science and Engineering.](#)

Vaccines for COVID-19.

Vaccines harmlessly show viruses or bacteria (or even small parts of them) to the immune system. The body's defences recognize the mas an in vader and then learn how to fight it. Then if the body is ever exposed for real, it already knows how to fight the infection.

The main method of vaccination for decades has been to use the original virus. The measles, mumps and rubella (MMR) vaccine is made by using weakened versions of those viruses that cannot cause a full-blown infection.

Since corona virus is a new virus, there are no available vaccines yet that protect against COVID-19, but research is underway to create a vaccine. The work on a new corona virus vaccine is using newer, and less tested, approaches called "plug and play" vaccines. Because the researchers know the genetic code of the new corona virus, Sars-CoV-2, they now have the

complete blue print for building that virus. Some vaccine scientists are lifting small sections of the coronavirus's genetic code and putting it into other, completely harmless, viruses. Now they can "infect" someone with the harmless bug and in theory give some immunity against the infection.

Other groups are using pieces of raw genetic code (either DNA or RNA depending on the approach) which, once injected into the body, should start producing bits of viral proteins which the immune system again can learn to fight.

Until an approved vaccine or treatment becomes available, the best way to prevent is to maintain a good hygiene and maintain social distance.

ENGLISH AS A WORLD LANGUAGE

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English is one of the most important languages in the world. The importance of the language is associated with the political role played by the nation's using it and its influence in International affairs. Further, English continues to be the lingua franca in many former colonies. English is the language of International communication today. The reasons for its importance are many.

The advancement in scientific knowledge and the consequent dissemination of scientific Knowledge through English has made it necessary for scientist from any part of the world to acquire a working knowledge of English. The latest and the most advanced discoveries and inventions in Science and Technology are being made in the Universities located in The United States of America, where English language is the means of scientific discourse.

English acts as the link-language. Because, it is easier to find people in every part of a country, who know English. Over the years, English has become one of our principal assets in getting a global leadership for books written by Indian authors and for films made by Indians in English language. Many Indians have become so skilled in English language and have won many International awards for creative and comparative literature during the last few years.

English language is like a window to see the world.

English is available to us as a historical heritage in addition to our own language. We

must make the best use of English to develop ourselves both culturally and materially so that we can compete with the world. There are billions of websites on the Internet nowadays. And, most of the material is published in English language.

Knowledge is the key to development. And education is the means to achieve it. Knowledge has always been placed at a higher pedestal than political power and riches. So, it is very essential for us to learn English Language to improve and update our knowledge. Learning English language will help us to prosper in life.

SRINIVASA RAMANUJAN CONTRIBUTIONS TO MATHEMATICS

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Srinivasa Ramanujan Iyengar is one of the famous and great Indian Mathematician, who is very genius and born in his grandmother's house on 22nd December 1887. In a small village which is very nearer to 400 Km of Madras. Ramanujan father occupation is a clerk in a cloths showroom. In the year 1918, Ramanujan health failed and after medical treatment, his health has improved. In the year 1919, he went to abroad, again his health has failed and in the next year Srinivasan Ramanujan. Here we have provided some of the Srinivasan Ramanujan contributions to mathematics' Ramanujan made brilliant contributions to the elliptic functions and analytical theory of the numbers, fractions etc and in the year 1900 S Ramanujan commenced his work on arithmetic series and summing geometric. Ramanujan mathematician has worked on divergent series, and forward theorems about 120 on imply divisibility properties of the partition. Srinivasa Ramanujan inventions are many, Ramanujan has given a meaning to Euler a second integral. He proved that $\int_0^{\infty} x^{n-1} e^{-x} dx = \Gamma(n)$ is true for all values of gamma.

Goldbach's conjecture is one more illustration which is listed in Srinivasa Ramanujan achievements. He proves that even integer greater than two is the sum of two primes, that is, $6=3+3$. He also has proven that large integer can be written as the sum of the most four.

S Ramanujan has worked on composite numbers which can be identified as the opposite prime numbers. He also worked on distribution, special forms and also structure.

Ramanujan theorems: Ramanujan has worked unresolved Fermat theorem which shows that the prime number of the form $4m+1$ is the sum of the two squares

Srinivasa Ramanujan Number is 1729 which indicates the sum of the two cubes in two formats

such as $1729=13+123=93+103$

On Euler's constant, in the year 1904, he worked on series $(1/n)$ and also calculates Euler's constant to 15 decimal places.

Inventions:

There are the contributions of Srinivasa Ramanujan he is one of the great mathematicians of India. Ramanujan works are many, works of Ramanujan in mathematics are listed out on this page for all our viewers. Indian mathematician Srinivasa Ramanujan is an Indian math genius. Srinivasa Ramanujan inventions are many, we can also find those Ramanujan theorems and inventions on note books of Srinivasa Ramanujan.

DEVELOPMENT OF PROBIOTIC JUICES BY USING LACTIC ACID BACTERIA

K. Sravani,

III B.Sc MPC

SKR & SKR Govt. College for Women (A), Kadapa.

Tropical fruits have their origin in the tropics and require rather a tropical or sub tropical climate; and do not tolerate frost. There are hundreds of edible tropical fruits some of which have very high export potential all over the world (Reddy et al., 2012). India is the largest producer of fruits in the world with an annual production of 46 million tons. LAB have been added to a variety of dairy-based products such as fermented milks and yogurts for their probiotic human health benefits (Suita- Croce & Goulet, 2001). As mentioned earlier, current industrial probiotic foods are basically dairy products, which may represent inconveniences due to their lactose and cholesterol content (Henanetal.,2004). Propitiation of fruit juices is beneficial, as these are rich sources of healthy nutrients such as antioxidants, vitamins, food

Fibres and minerals. Mango contains a high concentration of sugars, acids with good organoleptic properties, besides antioxidants and is a rich source of vitamin A (beta-carotene). Chemical composition of sapota juice revealed that it is one of the rich sources of vitamins, sugars, proteins, ascorbic acid, phenolics, carotenoids and minerals like iron, copper, zinc, calcium and potassium.

Grapes are a storehouse of numerous health promoting Phyto-nutrients such as

poly-phenolic antioxidants, vitamins and minerals. Generally, both fresh fruits and their juices are included in our regular diet as they give health benefits to all age groups. Juices from these sources are deemed to be advantageous because of their low allergenicity, perceived health benefits and appeal to a wide segment of the population (Sheehan et al, 2007). It is envisaged to probioticate the fruit juices for certain greater benefits. The present study is focused on phytochemical analysis of locally available fruit juices like mango (*Mangifera indica* L.), sapota (*Manilkara zapota* L.), grape (*Vitis vinifera* L.) (white and black varieties) and cantaloupe (*Cucumis melo*) and to study their suitability for probiotication by using approved probiotics strain of *Lactobacillus casei*.

Our study identified that the *Lactobacillus casei* could survive and capable of rapidly utilizing the nutrients of fruit juices and viable counts reached to 10^7 CFU /ml after 72 h of probiotication at 37°C. Good growth was observed without adding additional nutrients to the fruit juices. Probioticated fruit juices contained good anti oxidants and can provide health benefits to the consumers. Further studies are under progress to provide these juices to the people those who are allergic to milk.

NATURAL LANGUAGE PROCESSING

M. Padmavathi

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PVKN Govt. College (A),
Chittoor**

Natural language processing (NLP) is a cross-discipline approach to making computer hear, process, understand, and duplicate human language. Fields including linguistics, computer science, and machine learning are all a part of the process of NLP, the results of which can be seen in things like digital assistants, chat bots, real-time translation apps, and other language-using software.

Uses of NLP in healthcare settings are numerous: Physician dictation, processing hand-written records, compiling unstructured healthcare data into usable formats, and connecting natural language to complicated medical billing codes are all potential uses. NLP has also been used recently to screen COVID-19 patients.

Application of natural language processing

Whenever search something on Google, after typing 2-3 letters, it shows you the possible search terms. Search autocomplete and autocorrect both help us in finding accurate results much efficiently.

Language Translator

Machine Translation is the procedure of automatically converting the text in one language to another language while keeping the meaning intact.

Social Media Monitoring

More and more people these days have started using social media for posting their thoughts about a particular product policy. The government uses it to identify potential threats related to these curity of the nation.

Chat bots

Chatbots help the companies in achieving the goal of smooth customer experience. Initially, chat bots were only used as a tool that solved customers queries, but today they have evolved into a personal companion.

Voice Assistants

A voice assistant is software that uses speech recognition, natural language understanding, and natural language processing to understand the verbal commands of a user and perform actions accordingly.

Grammar Checkers

Grammar checking tools like Grammar provides tons of features that help a person in writing better content. These tools can correct grammar, spellings, suggest better synonyms, and help in delivering content with better clarity and engagement.

Email Filtering

Whenever a mail arrives, it gets classified into the sections of primary, social, and promotions. The emails are filtered using text classification, which is a natural language processing technique.

The technology of the 24th century is reality in the 21st century to natural language processing (NLP), a machine learning - driven discipline that gives computers the ability to understand, process, and respond to spoken words and written text.

CORONAVIRUS PRECAUTIONS: HOW TO PROTECTYOURSELF ANDFAMILYFROM COVID19

S. Meena

II B.Sc MScs

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The official name of the coronavirus is SARS-CoV-2. The disease caused by this virus is called COVID-19. The virus originated in the wet markets of Wuhan, China and made its way to spread all countries. This article covers the basic protective measures you and your family and patients and main objective of ones must a take to avoid getting infected by COVID 19. Take care of your health and safeguard others by taking the following steps.

Maintain your distance:

Maintain at least 1 metre (3 feet) distance between yourself and others. Why? When someone coughs, sneezes, or speaks they spray small liquid droplets from their nose or mouth which may contain virus. If you are too close, you can breathe in the droplets, including the COVID-19 virus if the person has the disease.

Wash your hands frequently: Here is no cure for COVID19 yet. Regularly and thoroughly clean your hands with an alcohol-based hand rub or wash them with soap and water.

Why? Washing your hands with soap and water or using alcohol-based hand rub kills viruses that may be on your hands.

Avoid Going to Crowded Places: Why? Where people come together in crowds, you are more likely to come into close contact with someone that has COVID-19 and it is more difficult to maintain physical distance of 1metre (3feet).

Avoid Touching Eyes, Nose and Mouth. Why? Hands touch many surfaces and can pick up viruses. Once contaminated, hands can transfer the virus to your eyes, nose or mouth. From there, the virus can enter your body and infect you.

Following Good Respiratory Hygiene: Make sure you, and the people around you, follow good respiratory hygiene. This means covering your mouth and nose with your bentel bow or tissue when you cough or sneeze. Then dispose of the used tissue immediately and wash your hands. Why? Droplets spread virus.

Stay Home and Self- Isolate: even with minor symptoms such as cough, headache, mild fever, until you recover. Have someone bring you supplies. If you need to leave your house, wear a mask to avoid infecting others. Why? Avoiding contact with others will protect them from possible COVID-19 and other viruses.

Up to Date Information on The Situation: If you have a fever, cough and difficulty breathing, seek medical attention, but call by telephone in advance if possible, follow the directions of your local health authority. Why? National and local authorities will have the most up to date information on the situation in your area.

Practicing Meditation: What happens when we meditate? “When we are with the breath-energy, the mind becomes rather empty. Then, there is a tremendous in-flow of cosmic

energy into the physical body

Be a vegetarian: It is both auspicious and peaceful for people to choose vegetarianism.

References:

1. www.COVID-19.com
2. WorldHealthOrganisation

QUALITYCIRCLES

P.Mujakar
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Quality circles are an effective way to improve quality and productivity through participation of the employees within the organizations. It is one of the important methods which manage to improve the quality and productivity of their products and organizations.

India had a National Productivity Council (NPC) as early as 1958, but product quality was not very important for Indian industries. The sense of complacency continued till BHEL took the initiative at its Ramachandrapuram plant, primarily as a result of extensive collaboration with Japan which necessitated visits by its senior managers to Japan. It became the first Indian organization to introduce QCs under the leadership of S.R Udpa, General Manager (Operations)

A quarterly newsletter named 'quality circle forum' was also launched in BHEL in 1982 and a recording of the QC movement in BHEL was broadcasted over ALL INDIA RADIO.

As defined by S.R Udpa, Quality Circle is a small group of employees in the same work-area or doing a similar type of work who voluntarily meet regularly for about an hour every week to identify, analyze and resolve work-related problems, leading to improvement in their total performance, and enrichment of their work life.

The key points in the Quality Circles are:

- It is a small group of employees in the same work area and doing similar type of work
- The membership of the Quality Circle is voluntary
- They meet regularly for about an hour every work
- Problems are identified, analyzed and resolved through different techniques and procedures
- It leads to improvement in total performance and enrichment of quality of work life.

OBJECTIVES OF QUALITY CIRCLE:-

- ❖ To improve quality of service/product
- ❖ To meet the psychological needs of workers
- ❖ To utilize human talents, skill and knowledge relating to a work area
- ❖ To improve the quality of work life
- ❖ To promote better understanding and there by create cordial industrial relations
- ❖ The organizational structure of a quality circle generally consists of four levels: Members, Leaders, Facilitator, Steering Committee.

Quality circles are alternative approach to participation. It is a small group of employees, who meet periodically to identify, analyze and solve quality and other work-related problem in their area. Members of a particular circle should be from the same work area or who perform similar work. So, that the problems they select will be familiar to all of them. The ideal size of the group is 6 to 8 members.

POSITIVE & NEGATIVE IMPACT ON INDIAN ECONOMY WAS HIT BY THE CORONA VIRUS LOCKDOWN: A NOTE.

Dr. RUKMANI MALLEPU,
Assistant Professor,
Smt. NPS Govt. Degree College for Women,
Chittoor,

India is one of the world's worst hit countries in the corona virus pandemic, with reported causes spiking in recent weeks as the country emerged from a strict nationwide lock down. The countries lock down began in late March and was subsequently extended several times. Stringent restrictions halted most economic activities and caused millions of people, many of them daily wage earners, migrant laborers', construction, service and corporate sectors, to lose their jobs and revenue streams.

Positive impact on Industries:

1. Retail and Grocery stores increased demand and sales
2. Local grocery stores made business of almost three times during the initial period of the Lock down
3. Innovative delivery channels in Maharashtra formation of Clusters for pooling Vegetables & Fruits etc.
4. Direct Marketing of Agricultural products, vegetables form to consumer (Whats App Group).

Health Care Services Industry:

1. Expansion of home medical services
2. Distribution (Govt. & NGOs) of gloves masks PPEs, sanitizers etc...
3. Increase awareness of sanitization
4. Ambulance services expansion
5. Increase in health workers / deploying retired health care personnel.

Pharmaceutical Industry:

1. Increased sales of alternative medicines Ayurveda & Homeopathy
2. More focus on inventing vaccine
3. Increased sales of preventive medicines for increasing immunity for covid-19.

Education Industry:

1. Online education system
2. Google zoom classes
3. Online examinations
4. Training, attendance, feedback, certification etc.

5. Webinars on contemporary topics, Seminars, Workshops, Short term courses, Orientation, Refresher, Faculty development programmes etc.

Food Service Industry:

1. Increased innovations in service automated pani-puri machine in Mumbai
2. Safety measures for delivery and also preparation of food
3. MC Donald Pizza Hut, creating awareness of the preventive measures
4. Online delivery of Vegetables, Fruits, Provisions and Big Basket Amazon.

Movie Studio:

1. Virtual Studios –live streaming
2. Online streaming of movies-hot star.

Car Rental Industry:

1. Sanitized Cars
2. Flexible subscriptions
3. Keyless entry system
4. Employee training emergency handling
5. Prioritizing customer an demployee

Negative Impact on People:

1. Usage of stocking of Masks, gloves, sanitizers, PPEs and immunity medicines
2. Unaware of these vere consequences
3. Daily wage earners and migrant workers lost their jobs
4. MSMEs and IT companies started lay offs
5. Cut in salaries of Govt. servants
6. Lost all sorts of social and cultural functions
7. Scared about going out and spreading or contacting the virus from almost everyone
8. No walking or physical exercises by the youth visiting temples etc. for elderly people.

Negative Impacts on:

Real estate Sector, Tourism, Travel-Road, Rail Air & Water, MSMEs Exporters, PSUs and manufacturing companies except in essential goods, Textile malls, theaters and entertainment, industry, hospitality, automobiles, cinema, logistics, local transport, restaurant, luxury products, live sports, construction, events & conferences, technology & gadgets, IT clusters in Bangalore.

Macro-Economic Effects:

1. GDP to contract in 2020-21
2. Interest rates are already reduced
3. Exports & imports significantly reduced

4. Private consumption reduced
5. Huge rise in unemployment for three months low recovery is seen under unlock-1
6. Govt. has its limitations cannot bail out every one forever.

A pandemic will lead to permanent social, economic and cultural issues.

ROLE OF YOGA DURING COVID-19 PANDMIC TIMES

**A.Sree Ram,
Physical Director,
KH .Government Degree College,
Dharmavaram, Ananthapuramu-Dist**

"yoga boost the immune system of the body. You must include pranayama in our daily life. Pranayama, Yoga or breathing exercises, strengthens our respiratory system that is more relevant in the current times as it is the respiratory system of the body that is most adversely affected by the covid-19"- Sri Narendra Modi, Prime Minister

The novel coronavirus disease covid-19 has been among the greatest challenge to humanity has faced in recent times. As the pandemic continues to kill thousands each passing day, and the country's slowly try to get back to the new normal the emphasis on physical and mental health is more today than ever before. Yoga the answer physical, mental and spiritual practice that originated in our country, has been garnering a renewed appeal as being a proven tool for well being. As the physical activities have been limited drastically over the past few months, yoga provides potential co-benefits of both physical and psychological health

YOGA FOR PSYCHOLOGICAL WELL-BEING

Given the current situation, as countries gradually recover from one of the most restrictive lock downs ever, the uncertainty around the world is having a severe psychological bearing on the masses. The un predictable changes in health care, daily life, economy and personal relationship have caused global anxiety and distress, all of which are classified by W H O as a natural psychological response to the changing scenario

In these challenging times, positive health practice are emerging as the need of the hour. Yoga and meditation, forms of self-healing techniques, are said to have several benefits for the mental and psychological well-being. Regular practice of yoga and meditation lead to emotional strength and mindfulness. Yoga develops a sense of inner awareness it helps one focus on the body's abilities at the present moment.

A research study published in Frontiers in Human Neuro Science analysis the impact of yoga and meditation on brain-derived neuro trophic factors. Study in the brain functions of participants on an intensive 3 months Yoga and meditation, showed that the practice increases Brain derived neuro trophic factors (BDNF) an essential signal for growth, differentiation, plasticity and survival of neurons. Moreover the study also showed that yoga affects the cortisol waking response in brain cells positively, improving subject you wellbeing.

YOGA FOR PHYSICAL WELL-BEING

The world health organization promotes yoga as a means of reducing physical inactivity, which is among the top 10 leading causes of death worldwide, Inactivity is a key risk factor for non-communicable diseases such as cardio vascular diseases, such as cardio vascular diseases cancer and diabetes. The UNICEF also recommends that kids should practice yoga poses without risk to improve benefits like increased flexibility, and fitness, mindfulness and relaxation as the break from schools continues..

Yoga is said to have a prime effect on cardiovascular risk indicate as it help lower blood pressure in patients suffering from hypertension, also improving lipid functions in coronary artery diseases. It also helps lower blood sugar levels in diabetes patients with non-insulin dependence, subsequently reducing their need for medications. With improved and clear breathing, yoga and meditation helps to enhance the functioning of lungs and alveoli. Breathing practices not only helps calm the body and mind but are known to develop a higher and constant source of energy in the body. Conscious breathing involves the function of the cerebral cortex in the brain, which processes out through mechanisms such clear speech, decision making and reasoning.

“Yoga and meditation or self- inherent in individuals, from the time a child is born when he/she displays various posters on his own. This practice helps to develop a state of mental, physical and emotional balance in a human being. Practicing yoga, Surya namaskar, pranayama and meditation in a guided way helps to bring out an individual from a state of anxiety to calmness in a natural way. Given the pandemic situation, the practice of yoga helps to boost immunity and relieves the anxiety otherwise suppressed and brings you back to your true nature of compassionate and healthy well being. "Amrita Roy chowdhury (Yogaguru) The ancient practice of yoga having started during the prehistoric times of nearly 5000years ago in India is becoming a hallmark of modern day best practices for a healthier lifestyle in time of covid-19.

QUALITY EDUCATION TO THE MARGINALIZED SECTIONS

Dr. Mythri Ramulu
Faculty in Political Science
TTWRDC (M), Karimnagar.

The Government of Telangana is committed to promote social justice, social equality social protection and upholding the rights of the scheduled tribes in the state since from the beginning because Telangana is one of the states which have the largest tribal communities in India.

Telangana state is forefront in establishing the Residential educational institutions to the different marginalised sections. The effective Residential form of education is nowhere in India except newly formed Telangana State. The society has been supporting to the weaker sections to attain their goals by acquiring quality of education through Residential form. The Government of Telangana strongly desired to establish the KG to PG mission. Hence the quality of education is providing them through English Medium, besides this it has been encouraging different kinds of co-curricular activities by conducting Annual games and sports meet, Supernova, and super student programmes etc. At present there are 842 Residential Institutions in all over Telangana State including Schools Junior colleges and Degree colleges to the various marginalized communities like Scheduled Cast, Scheduled Tribes, Backward Classes, Religious Minorities, and General Categories.

The concept of “Gurukulam” is the brain thought of our beloved former Prime Minister of India Mr.P.V. Narasimha Rao. Mr.P.V.Narasimha Rao become the Chief Minister of Andhra Pradesh and set up the Residential system in 1971 for boys at Sarvail in Nalgonda district. The prime objective of this Residential system is to provide quality education for the rural brilliant children, who were not able to get it by going to towns or cities. It has registered as autonomous body as society under societies act in 1972. Later on, the Government of Andhra Pradesh added two more schools in the society in Rayalaseema and Andhra region of the state. Gradually the number Residential schools increased in the state by the support of the state government under the concept of “Gurukulam”.

Later on, Nandamoori Taraka Rama Rao (NTR) former Chief Minister of Andhra Pradesh, who was impressed by this Residential system and strengthened it to the marginalized communities at all over the state both boys and girls.

In the newly formed Telangana state by the special initiation of our beloved Chief Minister Mr. K. Chandra Shekar Rao initiated to form KG to PG mission, in the part of this mission Telangana Government started 30 Degree colleges to the Scheduled Caste women from the academic year of 2016-17, under the umbrella of Social Welfare Residential Institutions Society (TSWREIS)

and 22 Tribal Welfare Residential Degree Colleges for the Scheduled Tribe under the (TTWREIS) light of “Residential” from the academic year of 2017-18 as per the G.O.M.S.NO. 40 (15 for women and 07 for men) with the motto of provide quality of higher education to the marginalised sections to facilitate a better future to them. The mission and vision of the Telangana Tribal Welfare Residential Degree Colleges Residential institutions are to create vibrant centres for learning which provide a friendly atmosphere for the students to excel academically, ethically, and morally to become strong. In addition to this, “Gurukulam” is functioning effectively with the efforts of the intellectual staff to ensure the students successes. It is the platform to turn themselves to the responsible citizen to our country. Here the students empower with all the facilities and number of opportunities which enables them to use his/her own academic, physical, mental and emotional potential and channelize them for their own welfare state, to their families and the society as whole. The dynamic secretary of Social Welfare and Tribal Welfare Dr. R. S. Praveen Kumar sir’s idea of 10 commandments explains their commitment and their quality. He introduced lot of innovative thought in Residential like categorisation of the students into the four groups like Ruby Topaz, Emerald and Safire. The mirror project, impact programme, quest programme, supernova, super student, life skill programmes under earn while learn, Zonal meet of different residential institutions, Cash & laptop incentives, Bharat Darshan, Vishwa Darshan, Rock climbing, Mountain climbing.

Eighteen-year-old MalavathPoorna daughter of Residential became the first and youngest tribal women in the world to set foot on the six tallest mountain peaks across six continents. She has so far scaled Mount Everest-Asia, 2014, (as youngest Indian and youngest girl), Mount Kilimanjaro-Africa, 2016, Mount Elbrus-Europe, 2017, Mount Aconcagua-South America, 2019, Mount Carstensz-Oceania region, 2019 and Mount Vinson Massif (Antarctica, 2019). The vision of Residential is to outreach and uplift every student at the best possible way to contribute a great service to the community to shape them in to a better position for themselves, because Residential is not only providing academic but all-round development opportunities to every individual student. The aspirants are under the keen observation of the society to get enormous knowledge and skills in different streams. Residential is encouraging the students towards the world vision. Recently the TTWREIS received (ISO 9001) certificate from the International Organisation for Standardisation. Residential students got seats in all the famous higher educational institutions and also foreign universities. Society encouraging them towards computer code language. Society is providing cash incentives to the National and International sports students. The beloved secretary Dr. R.S Praveen Kumar IPS is the role model to all the students for their future goals.

Residential society is very particular about the systematic development of the students by modifying their attitude and motivating the students to develop different skills among them through organizing various programmes. Especially providing numbers of opportunities exclusively to the first pass out batch students under the guidelines of (CGC) Carrier Guidelines Cell, the CGC is divided into three categories such as higher education cell, employability cell, and entrepreneur cell, these three different cells effectively functioning for the fulfilment of its objectives at their respective college level and special institutions level under the guidance of a co-ordinator with the support of head office.

Conclusion: At present in Telangana State all the residential degree colleges are functioning effectively to provide quality of higher education to the marginalised communities for their sustainable development. In the future these residential degree college students shine every sector of state, National and international. Hence, I am proud to be part of this Residential.

TIME MANAGEMENT

By
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II BSC MSCs
SKR & SKR GOVT. COLLEGE FOR WOMEN (A), KADAPA.

TIME , we all know that time is precious ,gone time never come back etc. so, we know about time importance but what about time management . time management is also important especially for students The benefits of time management is you got time to do what you love, little additions add up, helps you progress towards your real goal, you achieve faster careers success, earns you trust and respect, helps you focus on other aspects, helps boost your health...by managing time we can also boost our health too by physical or mental because time management gives us peaceful of mind. And by doing this we can know the difference between important work and non-important work and the reasons of that works also like we do for fun, to grow, for knowledge, either we love to do that work. So, these are the benefits. Let's see the example what is the difference between experience person and new person yes firstly, is the experience person know about everything but second is time management. The experience person can manage the time that's why him/her is better than newly one. Now effective ways to save time and get things done /what thoughts should have in our mind while you are in work of managing time. Track your time, align goals and time spend, find your distraction triggers, cut short time for routine task, have mini plan for the day .

CURRICULAR ASPECTS

ICTBASEDTEACHING

ICT is the mode of education that uses information and communications technology to support, enhance and optimize the delivery of the information. The faculty of the college follows blended teaching and learning where they utilize traditional methods and digital classes for ICTbasedteachingandlearning. The college is well equipped to deliver ICTbasedteaching, learning and evaluation. The faculty and the students utilize a) virtual class, b) digital class, c) learning management system(LMS),

Virtual Class: VC is a teaching and learning environment where participants can interact, communicate, view and discuss presentations, and engage with learning resources while working in groups in an online setting. The college is one of the members of the District Resource Committee (DRC) of Degree Colleges of kadapa District. The DRC prepares the plan of action with eminent lecturers as presenters and all the member colleges participate. Four of the college lecturers are the presenters of the virtual class and the remaining staff and all the students of the respective subjects actively participate in the virtual class and enhance their teaching and learning.

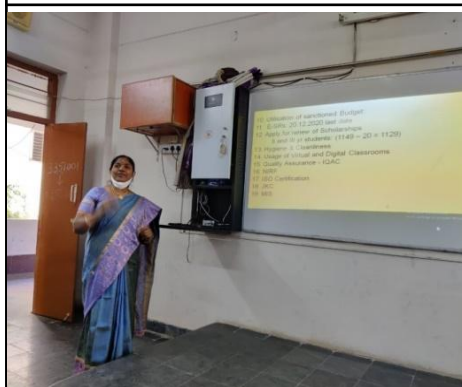
Digital Class: The college is having three digital classrooms, each of them is utilized by BA, BCom and BSc faculty and students. These classes are utilized for teaching learning evaluation and presentation by the staff and students. All these classes are handled by using power point presentations, internet based teaching, downloaded e-material etc. The students too took active participation in preparation and presentation of subject matters through digital classrooms. It enriches the departmental digital learning resources with student centric initiatives. These resources are utilized for quick and effective evaluation by using online methods such as Pickers, Kahootetc.

Learning Management System (LMS): LMS is launched by MHRD which was introduced to the college by Commissioner of Collegiate Education. This system enables the staff and students to hear, upload the relevant subject matter of higher education. All the staff and students registered in LMS and browse the lessons.

1. ICT based Teaching – Learning
2. Student Seminars
3. Seminars/ Workshops/ Conferences
4. Extension Lectures

USAGE OF VIRTUAL AND DIGITAL CLASSES

All the faculty taught their classes through ICT tools by developing PPTs in their concern subject.



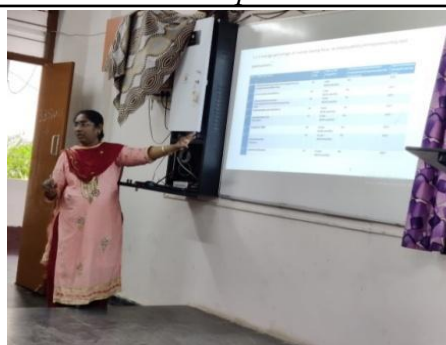
Principal



Dept of Chemistry



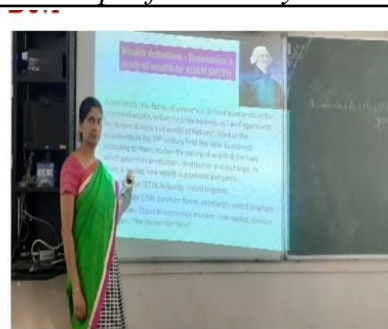
Dept of Chemistry



Dept of Urdu



Dept of Mathematics



Dept of Economics



Dept of Commerce



Dept of Zoology



Dept of History



Dept of Commerce



Dept of Zoology



Dept of English

SEMINAR ORGANISED

DEPARTMENT OF ZOOLOGY

SKR & SKR Govt.College for Women (A) Kadapa **Govt.College (A) Anantapur**

organizes

Date: June 9th 2021 **An Online Seminar** **Time: 6PM to 8PM**

On

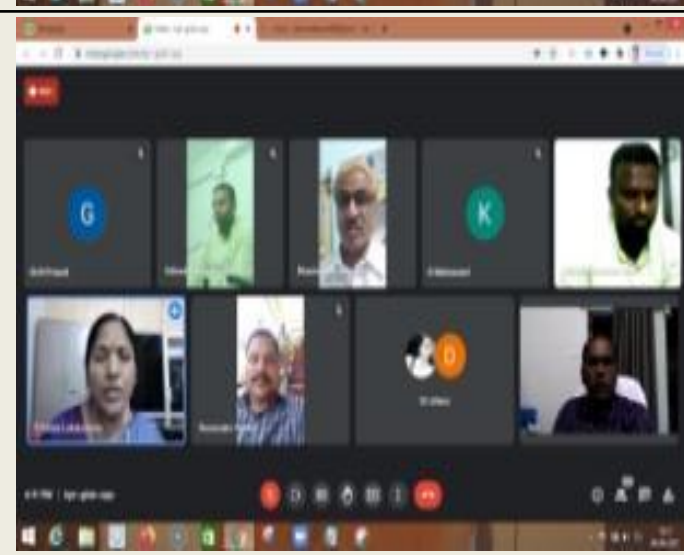
BLACK FUNGUS – CLINICAL SYMPTOMS & TREATMENT

Resource Person
Adireddi Paradesi Naidu
M.Sc Medical (Ph.D) | MBA, HA)
Dept of Microbiology
Govt.Medical College
Anantapur

Chair Person
Dr.P.Subba Lakshumma, M.Com, M.Phil., Ph.D
Principal SKR & SKR Govt. College Women (A) Kadapa

Cooperator
Dr.D.Aruna Kumari
Dept. of Zoology
SKR & SKR Govt College (W) (A)
Kadapa


Organizing Committee
S.S.R.Prasad
Govt college (A)
Anantapur




Dr D. ArunaKumari, Lecturer in Zoology organised a webinar on “ Black Fungus – Clinical symptoms & Treatment” on 09.06.2021. Sri Adi reddy Paradesi Naidu, Department of Microbiology, Govt Medical College, Anantapur will acted as Resource person. Dr P.SubbaLakshumma, Principal

inaugurated the meeting and explained the problems faced by people with the Black fungus. Sri AdireddyParadesi Naidu explained in detail about the symptoms of Black fungus Disease Infection, Symptoms, Fungal cause, Treatment using Power Point Presentation. All the faculty and students participated in this programme.

NATIONAL WORKSHOP ON YOGA FOR WELL BEING



**SKR & SKR GOVT. COLLEGE FOR WOMEN (A),
KADAPA, YSR DISTRICT, Andhra Pradesh**
(Re-Accredited with 'B' Grade by NAAC)
Affiliated to Yogi Vemana University



**INTERNATIONAL YOGA DAY CELEBRATIONS
21.06.2021
NATIONAL VIRTUAL WORKSHOP ON
"YOGA FOR WELL-BEING"**


Yoga can promote the holistic health of every individual and combat with COVID pandemic exacerbating psychological suffering and mental health problems. Yoga ensures both the physical and mental well-being of humanity. The World Health Organization has also suggested to practice Yoga and has included it in its Global Action Plan for physical activity 2020-2030. Yoga is like music. The rhythm of the body, the melody of the mind and the harmony of the soul create the symphony of life. Have a happy International Yoga Day.

Objectives:


- Ashtanga Yoga of Patanjali Maharshi.
- Yoga -Universal Application.
- Yoga means Addition of energy, strength and beauty to Body, Mind and Soul.
- Breathing is the rhythm of Life Force.
- Meditation is Awareness or Pure Consciousness -Finite in Infinity.

WARM WELCOME TO ALL ASPIRANTS TO PARTICIPATE IN IYD CELEBRATIONS


Registration link: <https://forms.gle/kCBHVTEDZGvFtFs>
 whatsapp link: <https://chat.whatsapp.com/ItzhNqo8aAHolK6KoOz2y>
 meeting platform: Google meet Time: 9 am to 10.30 am
 Meeting link: <https://meet.google.com/rfq-pqst-lsq>




Dr. Y.S. Jagan Mohan Reddy
Hon'ble Chief Minister
Andhra Pradesh




Dr. Aurimutapu Suresh
Hon'ble Minister, HRD
Andhra Pradesh




Dr. Nageswara Pandey
Associate professor
YVU, Kadapa




Dr. K. Gadikalapu
Vice-Chancellor
YVU, Kadapa




Dr. Suresh Chandra IAS
Special Chief Secretary
Higher Education, A.P.




Dr. P. Bhaskar, IAS
Commissioner
Collegiate Education, AP




Dr. P. Subba Lakshminarayana
Principal




K. Madan Mohan
Physical Director




Dr. M. Padmasathi
NCC Coordinator



Dr. G. V. Lakshmi
NSS Coordinator



L. Subbarao
Vice Principal

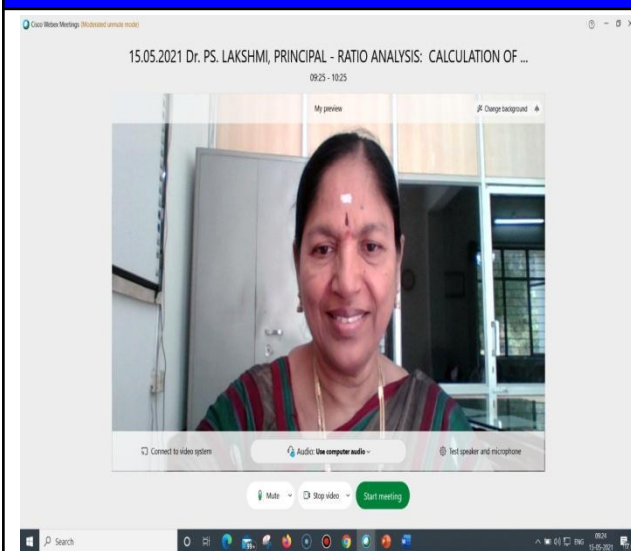


K. Shalini
Co-Coordinator, BAC

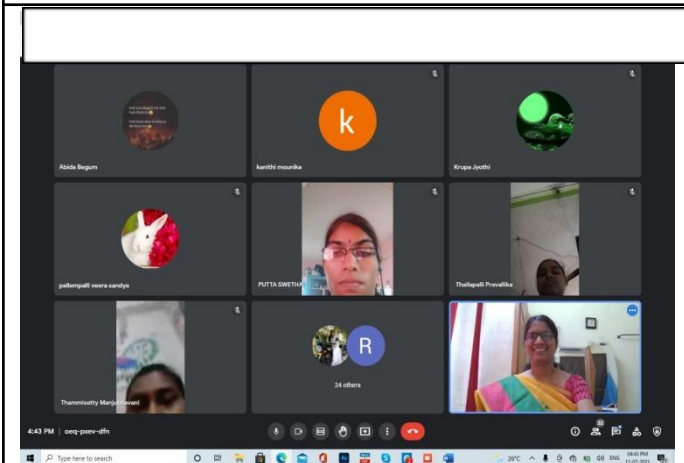
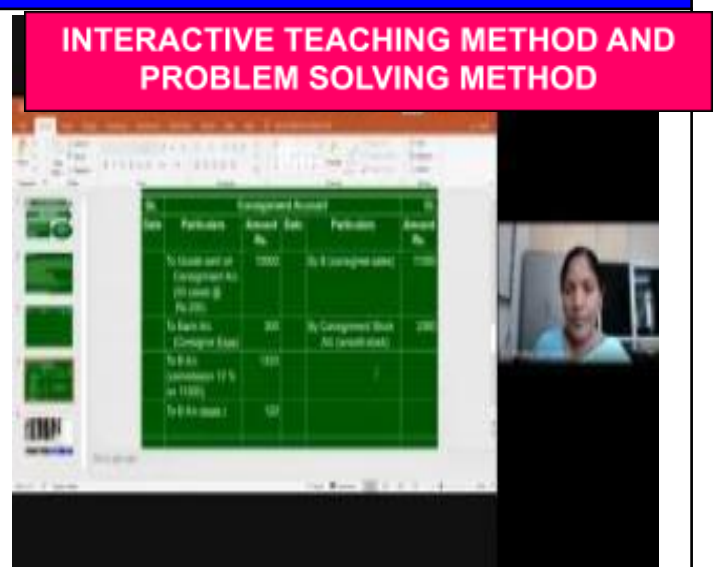
Department of Physical Education, IQAC, NCC, NSS units organised International Yoga Day Celebrations on 21.06.2021. Dr P.SubbaLakshumma inaugurated the meeting and explained the importance of Yoga during this pandemic period. Dr N.Eswara Reddy, Assistant Professor of Telugu, Yogi VemanaUniveristy, Kadapa acted as Resource person and explained that Yoga for well-being which takes into account how the practice can promote the holistic health of every individual. Sri D.Reddaiah, Yoga trainer, Bangalore acted as another resource person and said that yoga embodies unity of mind and body thought and action, yoga is not just about exercise it is a way to discover the sense of oneness with the world and the nature. All the staff and students participated in this programme.

STUDENT SUPPORT AND PROGRESSION

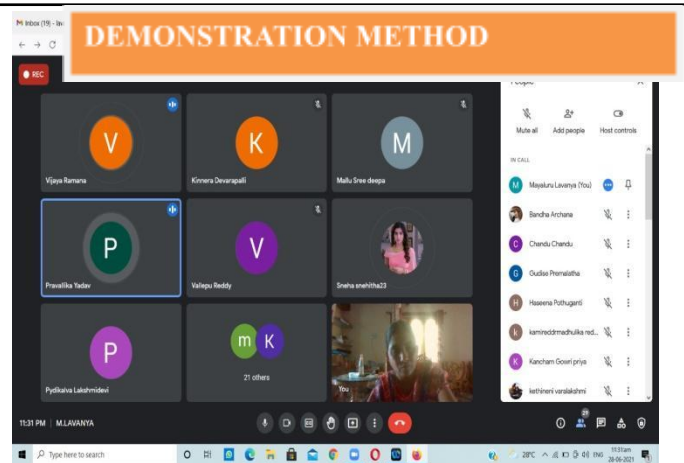
ONLINE TEACHING -LEARNING PROCES WITH DIFFERENT TEACHING PEDAGOGIES



DR P.SUBBA LAKSHUMMA PRINCIPAL



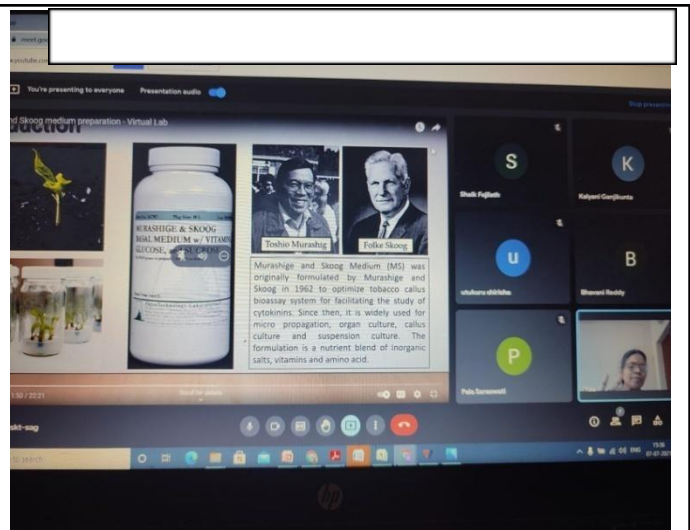
DEPT OF ECONOMICS



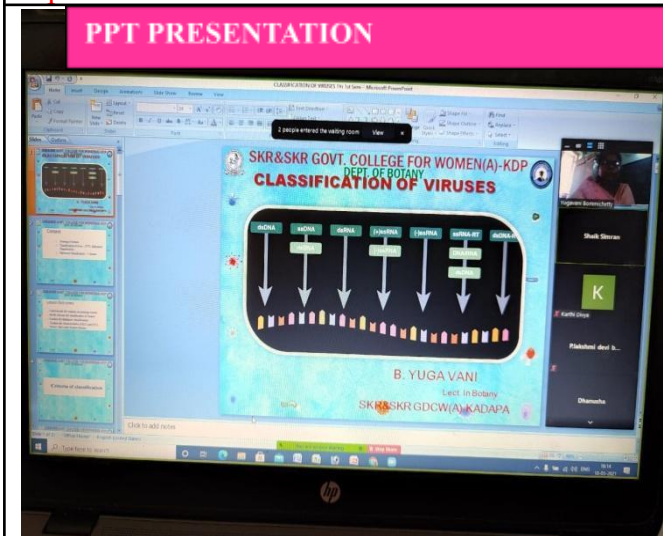
dept of COMPUTER SCIENCE



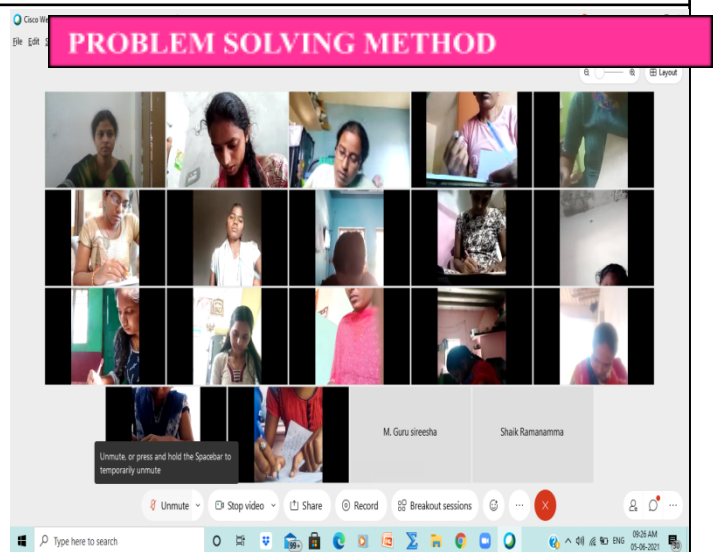
dept of URDU



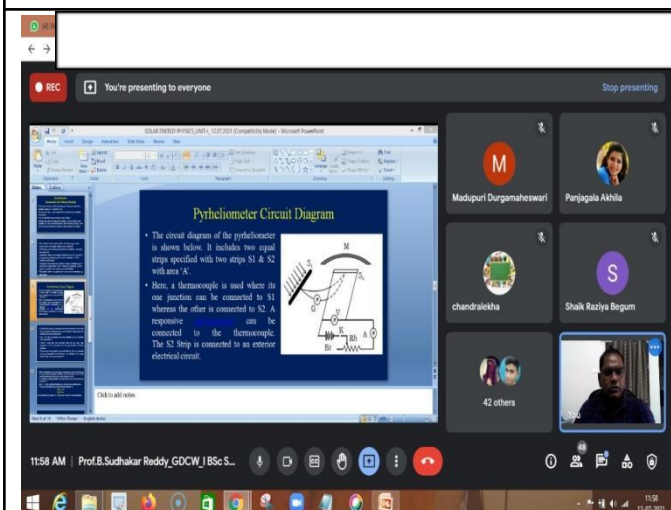
dept of Botany



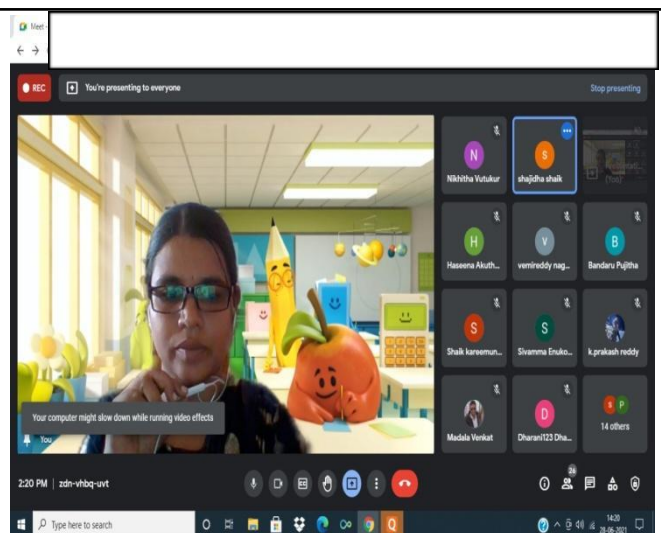
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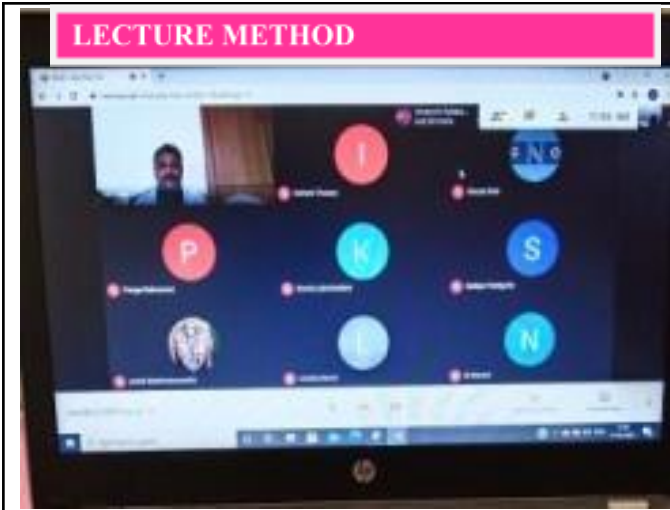
Dept of maths



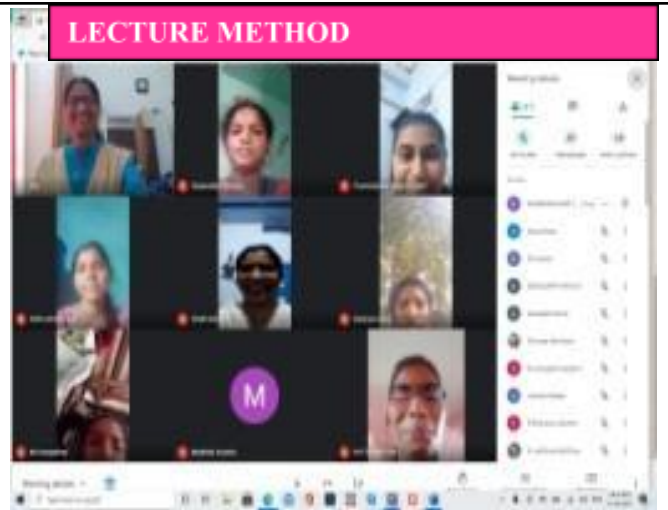
DEPT PF PHYSICS



COMPUTER SCIENCE



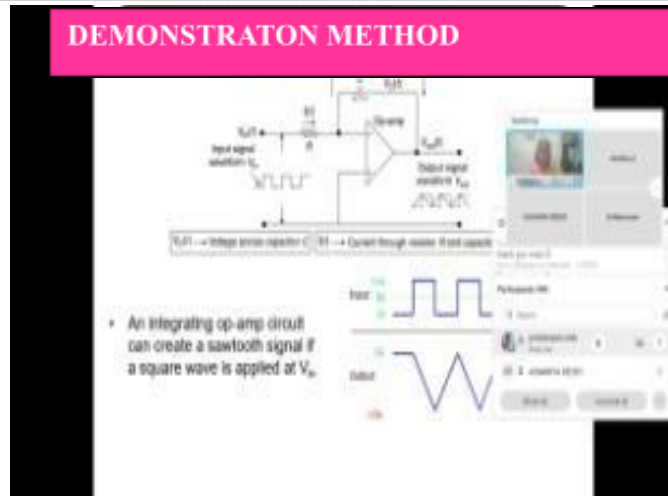
English



ECONOMICS



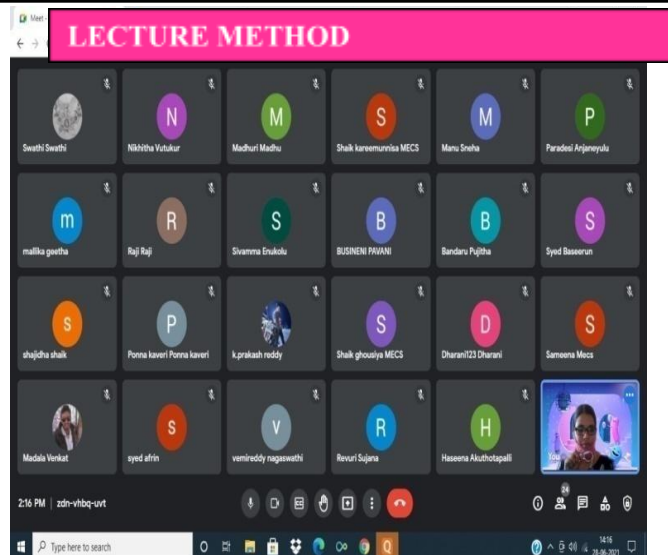
physics



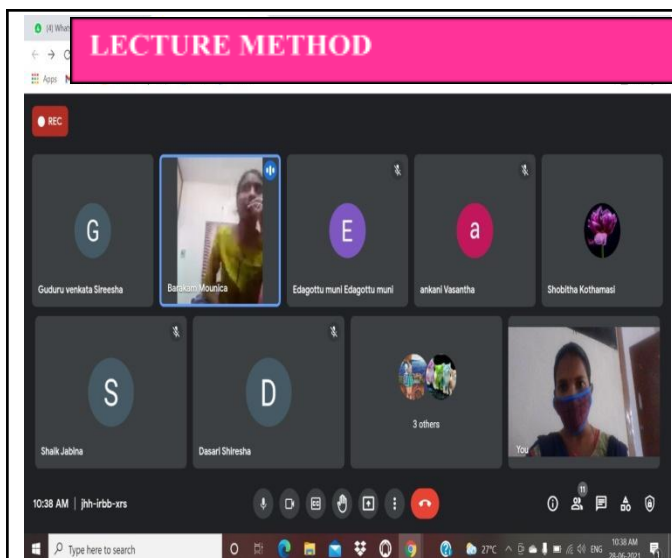
physics



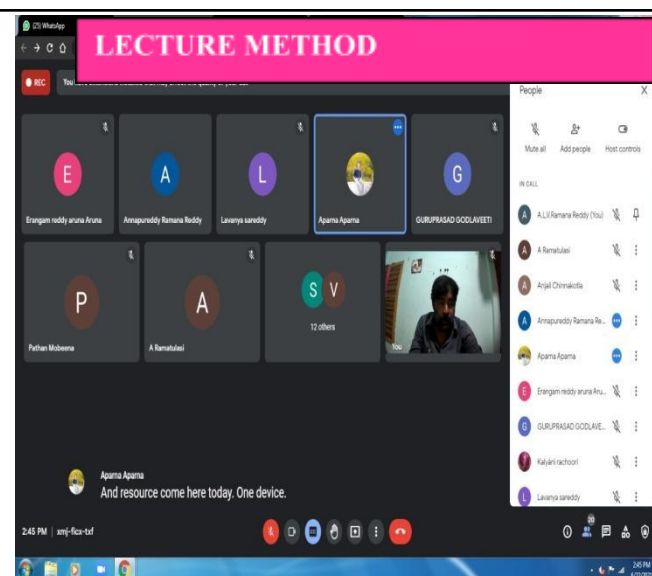
Computer science



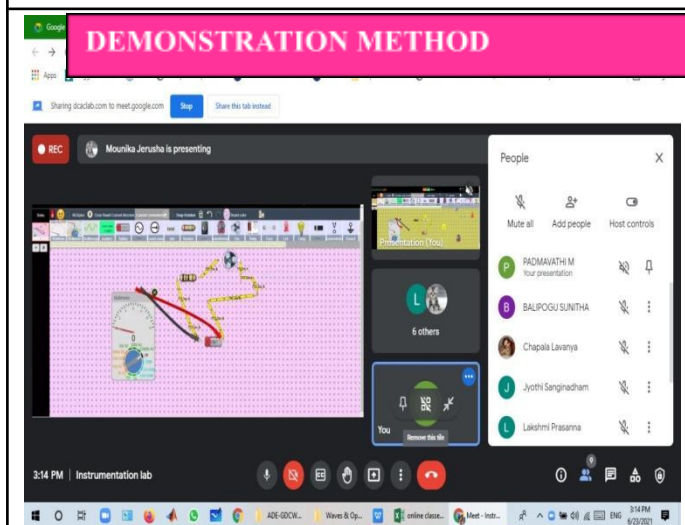
COMPUTER SCIENCE



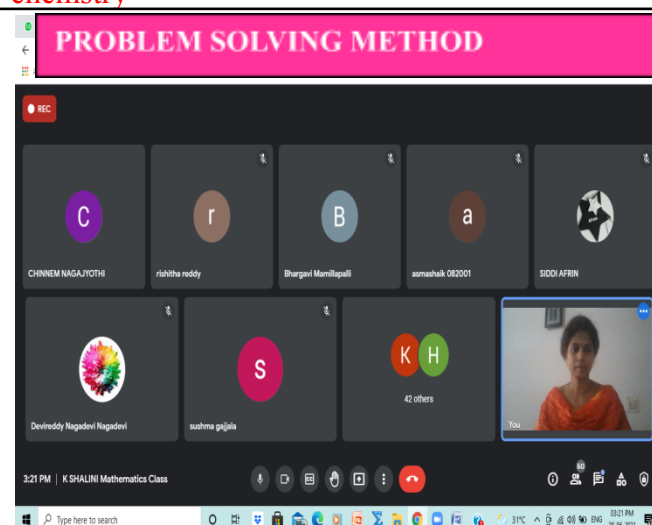
COMMERCE



chemstry



PHYSICS



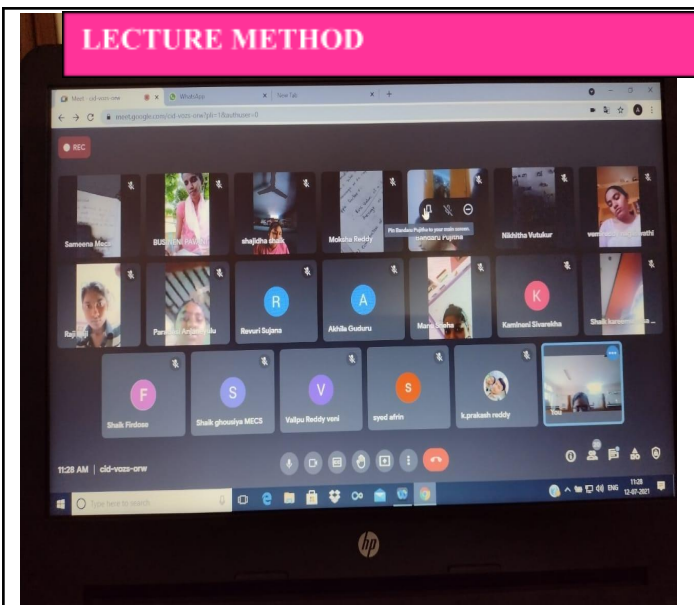
MATHS



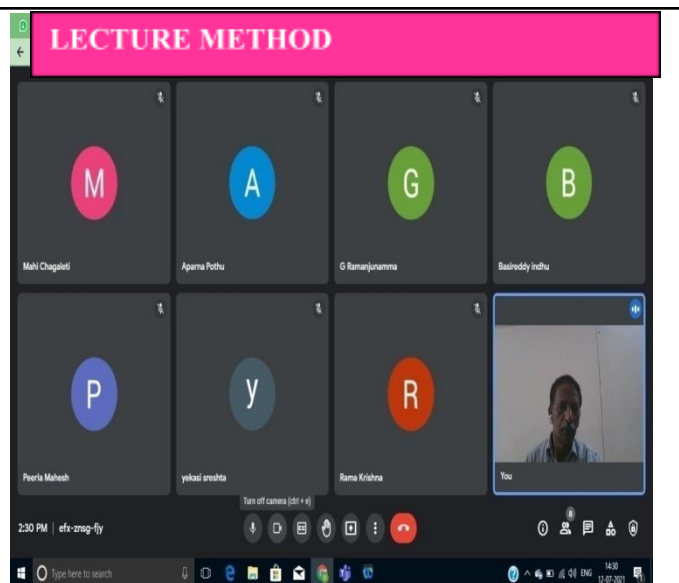
BOTANY



CHEMISTRY



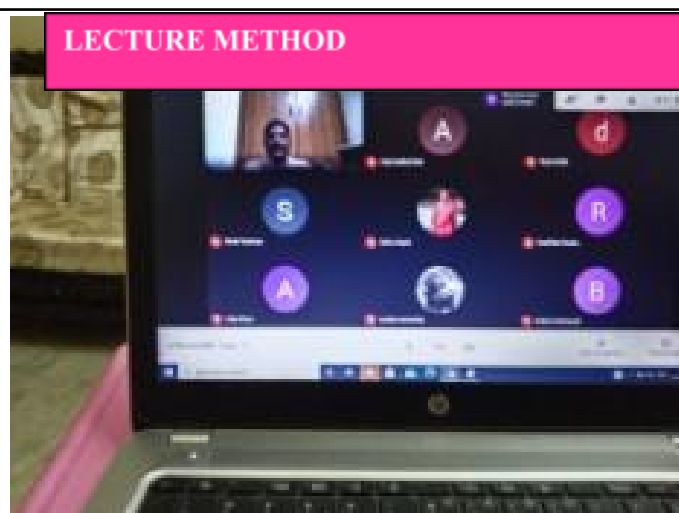
ELECTRONICS



COMMERCE



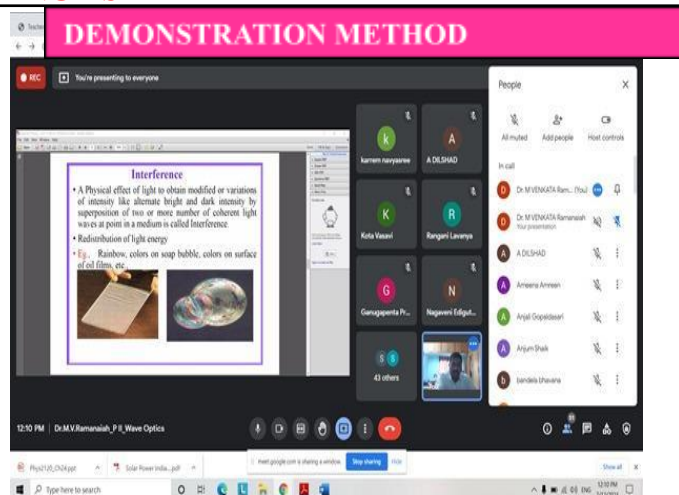
BIO CHEMISTRY



ENGLISH



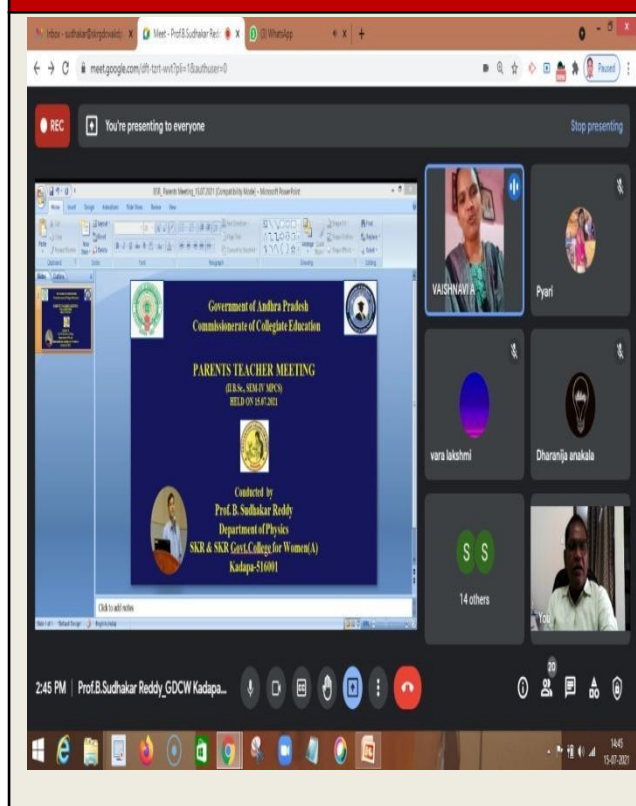
ZOOLOGY



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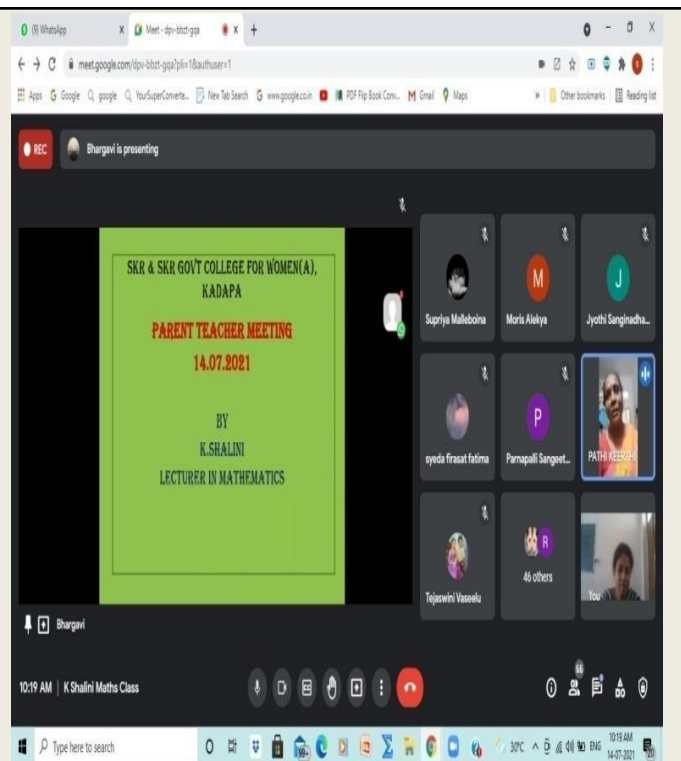


PARENT TEACHER MEETING



Dr. B.Sudhakar Reddy, Lecturer in Physics conducted parent Teacher meeting on 15.07.2021 and interacted with the Parents and discussed on Online education, preparation for the examinations, feedback of the online classes, assignments, seminars, online quizzes etc. Parents felt very happy by conducting this type of meetings and said that this type of meetings will helps the students in overall development of their career.

K. Shalini, Lecturer in Mathematics conducted parent Teacher meeting on 14.07.2021 and interacted with the Parents and discussed on Online education, preparation for the examinations, feedback of the online classes, assignments, seminars, online quizzes etc. Parents felt very happy by conducting this type of meetings and said that this type of meetings will help the students in overall development of their career.



AWARENESS PROGRAMME on health organised BY AYUSH DEPARTMENT





On the occasion of Azadi Ka Amrit Mahotsav Dr G.Vijaya Lakshmi devi, NSS Programme Officer organised an awareness programme on Health organised by Ayush Department, Kadapa on 04.09.2021. Dr P.Subba Lakshumma, Principal explained in detail about the healthy living and prevention of diseases. Dr G.Vijaya Lakshmi Devi explained about the functions of Ayush Department to strengthen the implementation of National and community health programmes. Students and NSS volunteers participated in this programme.

BOS MEETINGS 2021-2022



Dept of Mathematics 12.10.2021



Dept of Political Science 18.10.2021



Dept of Physics 18.10.2021



Dept of Chemistry 19.10.2021



Dept of Zoology 20.10.2021



Dept of English 20.10.2021



Dept of Biotechnology 22.10.2021



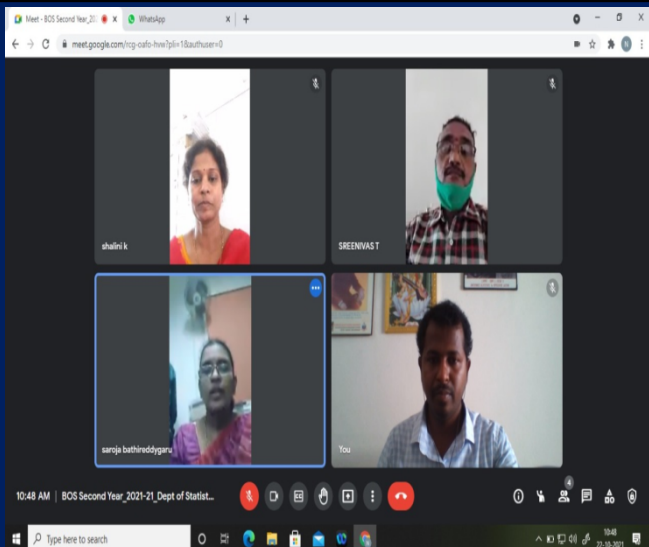
Dept of Biochemistry 22.10.2021



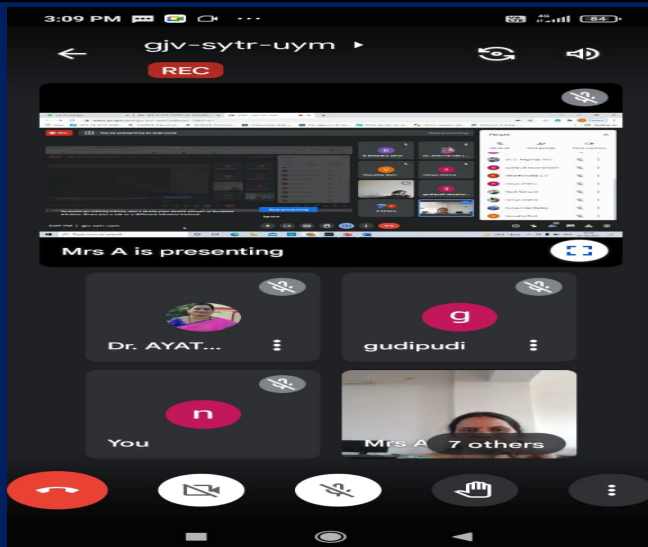
Dept of Botany 22.10.2021



Dept of Horticulture 22.10.2021



Dept of Statistics 22.10.2021



Dept of Computer Science 22.10.2021



Dept of Economics 25.10.2021



Dept of Micro Biology 25.10.2021



Dept of Commerce 27.10.2021



Dept of History 30.10.2021



Dept of Tourism & Travel Management on 20.11.2021

INAUGURATION OF CERTIFICATE COURSE ON PYTHON



Department of Computer Science organised certificate course on Python on 02.10.2021. Dr P.Subba Lakshumma, Principal inaugurated the meeting and explained about the importance of Python course. Smt .A. Haritha, Incharge of the department of Computer Science explained about the Course objectives and learning outcomes. Smt C.V Krishnaveni, IQAC Coordinator resource person of this programme and told the Job opportunities after completion of the programme.

Awareness Programme on Drugs and Alcohol Abuse programme



An awareness programme on Drugs and Alcohol was organised by Smt D.Winni Teja on 25.10.2021. Dr P.Subba Lakshumma, Principal explained in detail about the Alcoholism causes, Risk factors and symptoms, alcohol abuse disorder and treatment. On the occasion Department of Chemistry participated in the rally. All the faculty of Chemistry department and students participated in this programme.

CERTIFICATE COURSE ON CHEM DRAW



Dept. of Chemistry organized certificate course on "Chemdraw-Drawing of Chemistry" on 19.03.2022. Dr P.Subba Lakshumma, Principal inaugurated the session and suggested the students to make use of this certificate course. Dr L. Ramachandra sir, Lecturer in Chemistry, Govt College for Men (A), Kadapa is the Resource person. Smt L. Sudheera Course coordinator explained the objectives of the programme. 60 students participated in this programme.

CERTIFICATE COURSE MICROSOFT GLOBAL TRAINING



Dr Shazeeya Begum, Lecturer in Urdu organised Microsoft Coding 45 days Online Certificate Course on 21.03.2022 in collaboration of K12 Activity Academy which is Microsoft Global Training Partner.

SEMINAR ON RESEARCH METHODOLOGY



Dr P.Gurivi Reddy, Organised a National seminar on "Research Methodology on 22.03.2022. Dr P. Subba Lakshumma, Principal inaugurated the meeting and explain the objectives of the programme. Dr G.Vijaya Bharathi, Associate Professor of Commerce, YVU Kadapa be the resource person and explain in detail about the Research Methodology, Types of research, Methods of collecting, analysing the data by using Power point presentation. Staff and students participated.

BRIDGE COURSE CONDUCTED BY DEPARTMENT OF MATHEMATICS



Department of Mathematics conducted Bridge Course classes to 1 year BSc students from 04.12.21 to 10.12.21. Dr P.Gurivi Reddy, Dr B.Swaroop, Kum K.Shalini, Smt K. Sunitha taught classes to all the first year students.

STUDENT INDUCTION PROGRAMME





Dr M. Padmavathi, SIP coordinator conducted 3 days Induction programme from 04.01.22 to 06.01.22. The programme was inaugurated by Dr P. Subba Lakshumma, Principal by lightening the lamp. Smt D. Sri Lakshmi, Vice chairperson, AUDA, Kadapa attended as chief guest and explained in detail about the importance of student induction programme. Dr P. Subba Lakshumma, Principal explained the purpose of Induction programme for the benefit of students. Dr M. Padmavathi, SIP coordinator explained the objectives of the programme. Staff and students participated in this programme. On this occasion students visited all the Departments, Classrooms, Laboratories, Participated in Theatre arts, Talent hunt.

2ND DAY STUDENT INDUCTION PROGRAMME



Sip programme was continued 2nd day on 05.01.2022. Smr Dr V. Vanajakshamma, Cardiologist, SVIMS, Tirupati attended as a Chief Guest and explained in detail about the health and nutrition, importance of good nutrition, types of nutrients, Nutritional disorders. Smt K. Uma Maheswari and Sri Gopal krishna, Yoga and meditation trainer focused on Yoga and explained the importance of yoga. All the staff and students practised yoga and meditation on this occasion. Students visited various departments, classrooms, Laboratories, Hostel and career guidance class, Theatre arts and talent hunt.

VALEDICTORY FUNCTION OF STUDENT INDUCTION PROGRAMME





DEPARTMENT & HOSTEL VISITS







TALENT HUNT





ACADEMIC COUNCIL MEETING



academic council is Principal academic body of the Institution and shall be subject to the provisions to the Memorandum of association and the rules and laws shall have the control over and be responsible for the maintenance of standards of education, teaching and training, inter departmental coordination, research, examination, tests within the Institution. All the department in-charges participated in this meeting.

NATIONAL WEBINAR ON MATHEMATICS

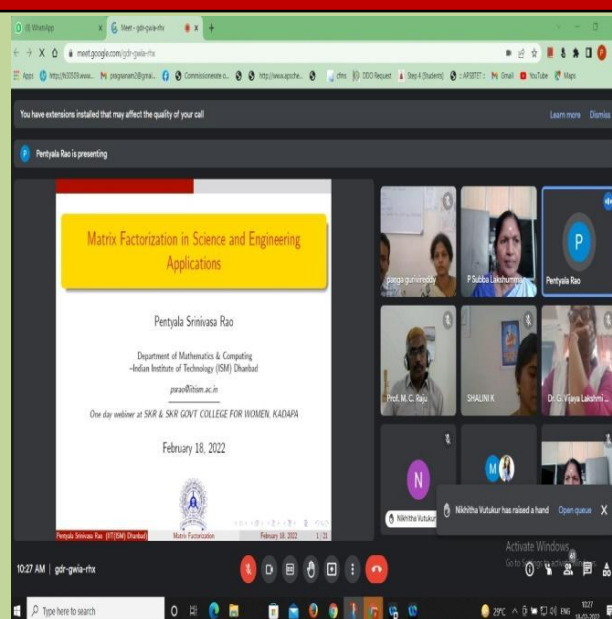


SKR & SKR GOVT. COLLEGE FOR WOMEN (A), KADAPA
National webinar on
'Matrix Factorizations in Science and Engineering Applications'

18th Feb, 2022 **10.30 am to 1 pm**

PRINCIPAL	RESOURCE PERSON	RESOURCE PERSON
 DR. P. SUBBA LAKSHUMMA Principal, SKR & SKR GOVT. College for Women (A), Kadapa	 Prof. M.C. Raju Department of Mathematics, JNTUA, Pulivendula	 Pentyala Srinivasa Rao Department of Mathematics, Associate professor, IIT, Dhanbad, Jharkhand, India.
Convenor	Co-Convenor	
 Dr. P. Gurivi Reddy Faculty, HOD Department of Mathematics	 Kum K. Shalini Faculty, Department of Mathematics	 Dr. B. Swaroopa Faculty, Department of Mathematics
	 Smt K. Sunitha Faculty, Department of Mathematics	

Click here to register
Registration link  **Meeting Link**
<https://forms.gle/Lo2NvEKN41snKnam9> <https://meet.google.com/gdr-gwia-rhx>



Matrix Factorization in Science and Engineering Applications

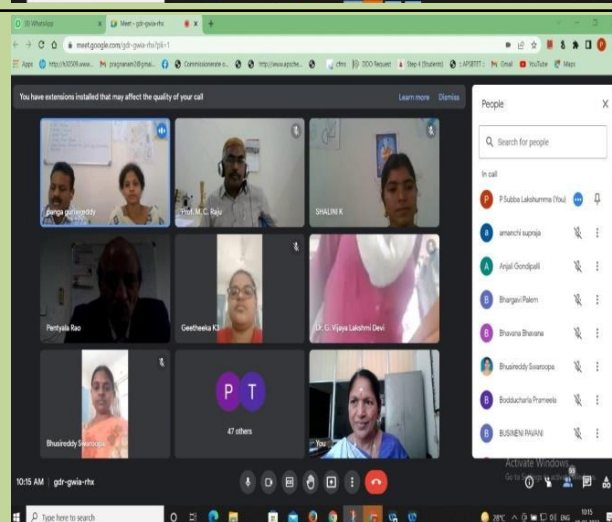
Pentyala Srinivasa Rao
 Department of Mathematics & Computing
 -Indian Institute of Technology (ISM) Dhanbad
 prasad@iitdhanbad.ac.in

One day webinar at SKR & SKR GOVT COLLEGE FOR WOMEN, KADAPA
 February 18, 2022

10:27 AM | gdr-gwia-rhx



Grid view of the webinar showing participants: Pentyala Rao, Prof. M. C. Raju, Geethesha K3, P. Subba Lakshumma, Dr. G. Vijaya Lakshmi Devi, Nikitha Varkur, and 52 others.



People list showing participants: P. Subba Lakshumma, Aranchi Supriya, Anjali Goudgall, Bhargavi Palani, Bhavana Bhavane, Bhavindya Sangeetha, and 47 others.

Department of Mathematics Organised s National level Webinar on “Matrix Factorizations in Science and Engineering”. Dr P. Subba Lakshumma, Principal inaugurated the meeting and explained the importance of Mathematics. Dr Pentyala Srinivasa Rao, Associate Professor, IIT Dhanbad, Jharkhand, India acted as a Resource person and explained in detail about the Matrix factorizations and its applicatins in Science & Engineering. Another Resource person Prof M.C Raju, Professor, JNTUA, Pulivendula explained about the Research methodologies. Dr P. Gurivi Reddy, Incharge of Department of Mathematics, Kum K. Shalini, faculty explained about the objectives of the Webinar. Dr B. Swaroopa, Smt K. Sunitha faculty, department of Mathematics, Mathematics faculty from other reputed Institutions and students participated in this webinar.

AWARENESS PROGRAMME ON IPR PROGRAMME

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Smt C.V Krishnaveni, IQAC Coordinator conducted an awareness programme on Intellectual Property Rights on 23.02.2022. Dr P. Subba Lakshumma inaugurated the meeting. Sri Thilak Vadicherla, examiner of Patents & Designs acted as Resource persons and explained in detail about the types of IPR, Trademarks, Copyright, Industrial Design, Geographical indication through Powerpoint presentation. All the teaching staff and Students participated in this programme.

SEMINAR BY BOTANY DEPT



Department of Botany conducted seminar on on 07.03.2022 on the topic entitled Medicinal plants and it's conservation. Prof. T. Pullaiah (Rtd) acted as Resource person, Department of Botany, SK University, Anantapuramu and explained in detail about the biolife science and its importance.. Dr P. Subba Lakshumma, Principal inaugurated the meeting and explain the importance of conducting this programme. Staff and students participated in this programme.

CO-CURRICULAR ACTIVITIES

GUEST LECTURE



Department of Botany conducted Guest Lecture on Lichens on 26. 03.22 by A. Madhu Sudhana Reddy, Department of Botany, Y. V. University, Kadapa for I BZC & BCH Students.

GUEST LECTURE



Department of History organised Guest Lecture on Modern History on 08.11.2021. Dr. Prasad Reddy sir from Silver Jubilee college Kurnool was attended as a Resource person and deliver a guest lecture on Modern History. Dr G. Vijaya Lakshmi Devi, Incharge of Department of History, and Faculty of History department, III BA students attended to this programme.

Guest Lecture on biodiversity



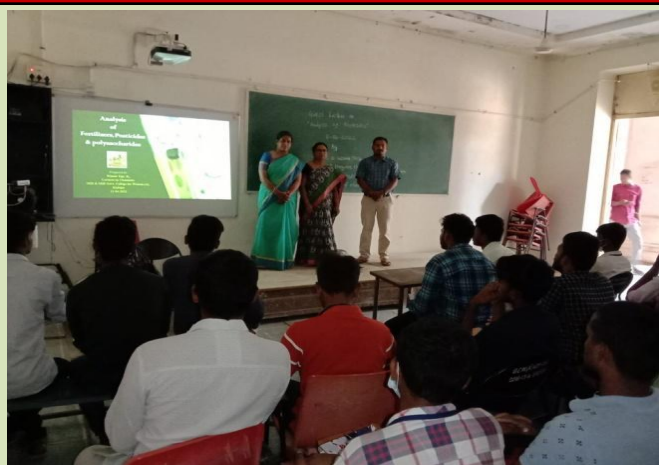
On the occasion of World Environment day Dept of Biotechnology organised a Guest lecture on 26.11.21 on the topic entitled "Biodiversity and Conservation of endemic plants, Thretend plants in Esteren ghats". A.MadhusudhanReddy, Y.V.University,Kadapa was attended as Resource person and motivated the students on Envionment.

GUEST LECTURE BY ZOOLOGY DEPARTMENT



Department of Zoology organised a Guest Lecture on 26.02.2022. Dr U. Srineetha, Lecturer in Zoology, Govt College for Men (A), Kadapa for final year B.Sc students on Immunology. Dr P. Sachidevi coordinated the programme.

EXTENSION LECTURE



Smt D. Winni Teja, Lecturer in Chemistry delivered guest lecture on the topic entitled "Analysis of Pesticides" to III B.Sc students on 11.04.2022 at Govt. College for Men (A), Kadapa.



Dr P. Sahci Devi, Lecturer in Zoology delivered a guest lecture on Career Opportunity & Immunology to B.Sc students at Sri Vivekananda Degree College, Kadapa on 16.04.2022.

GUEST LECTURE



Department of Chemistry organised a guest lecture on 22.04.2022. Smt B. Rajeswari, Lecturer in Chemistry, Govt College for Men (A), Kadapa and gave a lecture on the topic entitled "Surface coatings". All the BZC students participated in this programme.



Department of Botany organised a guest lecture on 23.04.2022. Dr Kalpana, HOD, Department of Biotechnology, Government College for Men (A), Kadapa and delivered a lecture on Biotechnology. All B.Sc BZC students participated in this lecture.

JAWAHARLAL KNOWLEDGE CENTRE

JKC

Jawaharlal Knowledge centre of the college is established with the primary aim is to provide intensive training to the students in employable skills and enable students avail themselves of the bright opportunities in the global job market. K.V. Ramana, Lecturer in English, is the coordinator of JKC. The JKC training & Placement cell of the College gives orientation to the students.

CAMPUS SELECTIONS



JKC of the college organised Campus drive on 20.12.2021 with Bharat FIH limited, Sricity, Andhra Pradesh. 66 students participated in the campus interviews and 20 students were selected. Dr P. Subba Lakshumma convey best wishes to the students.

CAMPUS DRIVE



Campus drive was organised by Jawahar Knowledge Center on 18.02.2022. Dr P. Subba Lakshumma, Principal, Inaugurated the meeting and express best wishes to the students. Smt P. Sujatha, JKC Coordinator explained the objectives of the campus drive. Amaraja Skill Development Center company interviewed the students. H.R Jyothesh shortlisted the candidates. Nearly 30 students participated and 4 boys selected for the campus drive. Dr P. Subba Lakshumma, Congratulated the selected candidates.

EXTRA CURRICULAR ACTIVITIES

SPORTS

SELF DEFENCE training programme



Sri K. Madan Mohan, Physical Director organised self defence training programme to woman students from 17.09.2021 to 01.10.2021. Dr P.Subba Lakshumma, Principal Inaugurated the programme. Sri MVijayabhasker reddy TEAKWONDO MASTER is the trainer of the programme. Students actively participated in this programme.

INTER COLLEGIATE CHESS TOURNAMENT



Students participated Chess tournament in YVU, kadapa on 28.11.2021. chess team got 1st and 2nd prizes in YVU intercollegiate chess tournament 2021. 1st place goes to sheik juveria 2nd Bsc MPCs and 2nd place secured by N. Vasantha 2nd BA and also selected for YVU to participate in South India interuniversity tournament going to be at SRM University chennai.

Students participated in both singles and doubles in intercollegiate tournaments badminton on at YVU, Kadapa. Sumathi of 3 rd BA selected to YVU to participate in South zone interuniversity tournament.



INTERCOLLEGIATE TOURNAMENT



College students participated in YVU Intercollegiate Kabaddi Championship on 14.12.2021 at Yogi Vemana University, kadapa. Our college students secured Runners up in kabaddi champion ship 2021-22. Dr P. Subba Lakshumma, Principal convey best wishes to the winners.

Table tennis tournament



Students participated in YVU Intercollegiate championship in table tennis at YVU kadapa on 20.12.2021. P. Sravani, jayasri III B.Sc Mscs got 3rd place . K.Naga sireesha won the table tennis championship in women singles event in Yogi Vemana University, Kadapa.

YVU INTERCOLLEGIATE TOURNAMENT



Students participated in YVU Inter Collegiate Tournament Tug of war event at YVU, Kadapa on 23.01.2022 and got 1st prize. Sri K. Madan Mohan, Physical director coordinated this event. Dr P. Subba Lakshumma, Principal convey best wishes to the winners and students participated in Ball Badminton and KHO-KHO match at YVU, Kadapa on 30.01.2022 and emerged as winners in YVU Intercollegiate tournament.

KABADDI SELECTIONS



Students of the college participated in Kabaddi League competitions held on 25.02.2022 at Municipal Stadium ,kadapa and received Runners trophy from SAAP kadapa CEO Dr Ramachandra Reddy. Sri K. Madan Mohan coordinated the students. Dr P. Subba Lakshumma, Principal convey best wishes to the winners.



College students won 5 Gold models and 1 Bronze medal in women Taekwondo Intercollegiate championship conducted at YVU campus by Dept of physical education and sports sciences on 27-2-2022 and won Sri Rachapudi Nagabhushanam silver trophy for allround women Taekwondo championship for the year 2021-2022.

SPORTS achievements



SKR&SKR Govt.College for women athletic team has secured overall championship for the year 2021-2022 in YVU university inter collegiate athletic meet held on 12-04-22 in YVU university campus

1.k.Thanuja II BA secured three gold medals in 800 meters run 1500 meters run and in high jump event and also should individual athletic Champion

2.N.Ranga siva jyothi 1st BA secured one gold 2 silver medals in triple jump long jump and high jump events

3.P.Indravathi 1st BA secured one gold 2 silver medals in diskthrow shotput and javelin throw

4.T.Nagaveni 3 BSC secured Gold medal in 400 meters run

5.D.Ramya sree 1st BA secured Gold medal in shotput throw

6.M.Venkata Kalyani 1st BSC secured silver medal in 200 meters run 7.in 4×100 meters relay run college team secured gold medal and also secured Bronze medal in 4×400 relay run. Dr.P.Subba

Lakshumma garu Principal praised the efforts of students and appericiated the physical director K.MadanMohan for regular coaching given to students.

NCC



The NCC unit of this college is functioning in the College .The main objective is to develop qualities of character, courage, comradeship, discipline, leadership, secular outlook, spirit of adventure and sportsmanship and the ideals of selfless service among the youth to make them useful citizen. DrM.Padmavathi, Lecturer in Physics acting as Coordinator of NCC.

NCC DAY CELEBRATIONS





Dr M. Padmavathi, NCC coordinator organised NCC day celebrations on 27.11.2021. Captain K. Malleswari, retired RJDCE attended as a chief guest and motivated about the Importance of NCC day and various job opportunities in NCC. Dr P. Subba Lakshumma, Principal explained about the functioning of NCC in the college. Smt L. Sudheera, Vice principal, Dr M. Padmavathi, NCC Coordinator; staff and NCC students participated in the celebrations. NCC Cadets performed Cultural programmes and Mono action of Freedom Fighter Rani Rudramadevi.

SOCIAL SERVICE BY NCC CADETS



NCC cadets visited Adharana shelter at old RIMs kadapa and interacted with the people there. Students and the elder persons in the shelter. Dr M.Padmavathi, NCC Coordinator; NCC students participated in this programme. 16.11.21



Dr M. Padmavathi, NCC Coordinator and NCC cadets visited flood affected ares in Pulaputhur, Rajampeta, Kadapa Dist on 28.11.2021 and distributed food packets, Clothes, and and Rice to the poor people.

NCC CAMP



Dr M. Padmavathi, NCC coordinator conducted NCC camp for NCC cadets from 1st Feb, 2022 to 6th Feb, 2022. Dr P. Subba Lakshumma, Principal inaugurated the meeting. Sri N. Salathia, NCC Commanding Officer visited the camp. Training commanding officers trained the NCC cadets in Drill, FCBC and gave weapon training. Theory classes also conducted for NCC cadets.

NATIONAL SERVICE SCHEME

NSS arouse social consciousness of the students by providing them opportunities to work with the people and develop an awareness and knowledge of social realities to have concern for the wellbeing of the community and engage in creative and constructive social action. The NSS unit of the college thrive to develop student's personality through community service. The NSS coordinator of the college D. Raghunadhareddy Lecturer in Telugu actively celebrated NSS day, National Voters Day and also keeps the campus clean and green.

NSS ACTIVITIES- Tree plantation



NSS unit of the college participated in plantation program on 22.07.2021 as a part of special camp on the occasion of Jagananna Patchatoranam at Nagulapalli village, the program Inaugurated by Dr P.SubbaLakshumma, Principal and YVU NSS programme Coordinator Dr A.Madhusudhana Reddy sir. NSS unit students actively participated in this programme.



NSS unit volunteers participated in plantation program at Yogi Vemana University on 23.07.2021 as a part of JaganannaPathcatoranam and visited Botanical Garden, Dr. A Madhusudhana Reddy sir explained very well about the variety of plants and it is very useful to the science students. Dr G.Vijaya Lakshmi Devi, NSS Coordinator and NSS Unit students actively participated in this programme.

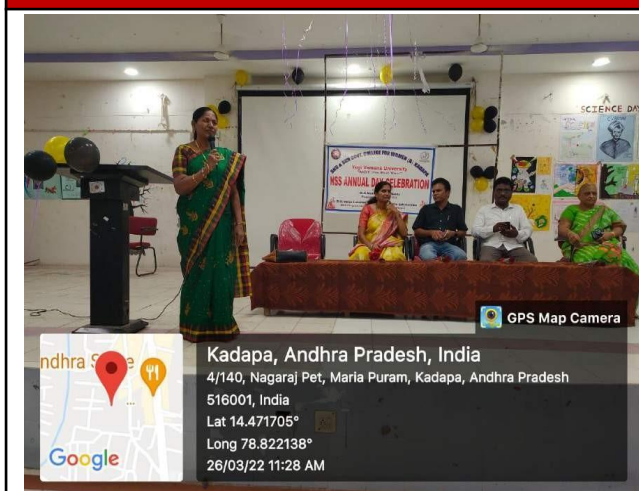


NSS unit volunteers participated in Plantation programme on 24.07.2021 on the occasion of Jagananna Patchatoranam at CMR palli Sachivalayam premises and Bugga Agraharam. Sachivalayam staff also participated.



As a part of Jagananna Patchatoranam NSS Volunteers participated plantation program at Ck Dinne on 26.07.2021. All the students participated in the programme.

NSS DAY CELEBRATIONS 26.03.2022



Dr G.Vijaya Lakshmi Devi, NSS Coordinator organised NSS day celebrations on 26.03.2022. Dr P. Subba Lakshumma, principal inaugurated the meeting. Dr A. Madhusudhana Reddy, NSS Programme Coordinator, YVU Kadapa attended as Chief Guest and explained about the Importance of National Service Scheme. Sri B. sreenivasulu, Smt L. Sudheera, Dr G.Vijaya Lakshmi Devi talk on this occasion. Prizes were distributed to the students. Staff and NSS Volunteers, students participated in the programme.

NSS ACTIVITIES





College NSS unit participated in Rally of AzadikaAmritMahosthav organized by YVU from collectorate to RTC bus stand via MahaveerCircle on 21.08.21.

COVID 19 PREVENTION VACCINATION PROGRAMME



Dr G.Vijaya Lakshmi Devi, NSS Coordinator and NSS Volunteers organised Vaccination programme in the college on 28.08.2021. Staff and 120 Students vaccinated. Vaccination dose was provided by DMHO Office, Kadapa. Dr P.Subba Lakshumma Principal, Staff and students participated in this programme.

Participated in Rally



Rally was conducted on Covid 19 Appropriate Behaviour from our college to Zilla Parishad Via Sandhya Circle and Kotireddy Circle organised by NSS Unit on 28.08.2021.



2nd day Vaccination programme was organised on 31.09.2021 by Dr G.Vijaya Lakshmi, NSS Coordinator. 145 students and staff vaccinated.

Vaccination programme





Dr G.Vijaya Lakshmi Devi, NSS programme officer conducted Vaccination programme on 03.09.2021. Dr P.SubbaLakshumma, Principal explained the importance of vaccination during the spread of Covid-19 pandemic situation and told that the only way to prevent corona virus is by getting vaccination of 2 doses. Staff and students vaccinated on this occasion.

VACCINATION PROGRAMME



Dr G. Vijaya lakshmi devi, NSS Coordinator organised vaccination programme on 06.01.2022. Students and staff get vaccinated on this occasion for prevention of Omicron. Dr P. Subba Lakshumma motivated the students to get vaccination for the prevention of Covid 19.

NSS SPECIAL CAMP PHOTOS



Dr P.Subba Lakshumma, Principal is inaugurating NSS Special camp at Ramarajupalli.









Dr. G. Vijaya Lakshmi Devi, NSS Coordinator conducted NSS Special Camp from 05.02.2022 to 11.02.2022. Dr. A. Madhusudhana Reddy, Program Coordinator, YVU, Kadapa and the college principal Dr. P. Subbalakshamma inaugurated the Camp. NSS Program Officer Dr. G. Vijaya Lakshmi Devi and NSS Volunteers participated in this programme. On Day 1 Conducted Survey in Ramrajupalli Village. On DAY-2 Volunteers Visited Nagara Vanam and Padmavathi Old Age Home at Indira Nagar and distributed fruit to old people. On DAY-3 Blood Camp organized. All volunteers participated in Blood Grouping test. On DAY-4 All volunteers participated in Plantation Programme. On DAY-5 Swachh Bharath program at YV University Camps. On DAY-6: Awareness Rally on COVID-19 & Vaccination in Ramarajpalli. On DAY-7: Certificate Distribution & feedback by the Volunteers & People.

RED RIBBON CLUB

Objectives of RRC Program

1. To reduce new HIV infection among youth by raising their risk perception through awareness on HIV prevention methods.
2. To induce the spirit among youth to help and support **People Living With HIV/AIDS (PLWHA)** thereby reducing stigma and discrimination against PLHWAs.
3. To motivate youth and build their capacity as peer educators and change agents by developing their skills on leadership, negotiation, and team building.
4. To promote voluntary blood donation among youth.

RRC HEALTH AWARENESS PROGRAMME



RRC organised health awareness programme on 07.01.2022 on the part of Azadi ka Amrit Mahotsav. Dr P. Subba Lakshumma presided the meeting, Sri Khadarvalli, Additional DMHO attended the programme and created awareness on Health to the students. Staff and students participated in this programme.

CELEBRATION OF NATIONAL AND INTERNATIONAL DAYS

INDEPENDENCE DAY CELEBRATIONS



75th Independence day celebrations was conducted on 15th August, 2021. Dr P.Subba Lakshumma, Principal hoisted the flag and explained the Importance of Independence day and struggles and sacrifices of National freedom fighters. Smt Yugavani Student Union vicepresident, Dr M.Padmavathi, NCC Coordinator, Dr G.Vijaya Lakshmi devi, NSS Coordinator; all teaching, non teaching staff, NCC Cadets and students participated in this programme.



On the occasion of Independence Day celebrations NCC cadets participated in the Parade at Police ground, Kadapa and won 2nd Prize in the NCC Parade. Sri Suresh Babu, Honourable Education Minister presented memento to the students. College Principal convey best wishes to the winners.

TEACHERS DAY CELEBRATIONS



Teachers Day celebrations was organised by Women Empowerment cell of the College on 05.09.2021. Dr P.SubbaLakshumma, Principal Explained about the life history and contributions of Dr SarvepalliRadhakrishnan. Teachers day is marked to show honour and gratitude to all the teachers. Students expressed their views about the importance of teacher and showed their affection to their favourite teachers.

GO GREEN GANESHA COMPETITIONS



On the occasion of Ganesh Chaturdi the Miss K. Namratha, Lecturer in English organised Ganesh competitions on 06.09.2021 with ecofriendly materials in the college campus. Students actively participated in this competitions and made Ganesh statues with eco friendly substances like Clay, Turmeric and Vegetables and fruits. Dr P.Subba Lakshumma, Principal of the college convey best wishes and distributed prizes to the winners.

OZONE DAY CELEBRATIONS



On the occasion of Ozone day celebrations Departments of Chemistry and Zoology organised Ozone day celebrations on 16.09.2021. Dr P.SubbaLakshumma, Principal inaugurated the function and explained the importance of Ozone and Ozone depletions. On this occasion the department conducted poster presentation competitions to the students. Principal and staff planted saplings in the campus.

World Tourism day celebrations



On the occasion of World Tourism day celebrations, the department of Tourism of the college organised awareness programme on 28.09.2021. Dr P.Subba Lakshumma, Principal attended as chief guest of the programme and explained about the Tourism, social, cultural, political and exonomic value and the contribution that can make towards reaching the sustainable developing goals.

GANDHI JAYANTHI CELEBRATIONS





Gandhi Jayanthi Celebrations was conducted on 02.10.2021. On this occasion NSS unit in association with Indian Red Cross society staff, NSS students planted the saplings in the campus.

VALMIKI JAYANTHI CELEBRATIONS



Department of Telugu organised Valmiki Jayanthi Celebrations on 20.10.2021. Dr P. Subba Lakshumma, Principal of the college explained in detail about the life history and contributions of Valmiki. Valmiki wrote Ramayana the celestial marriage of Rama and Sita. Sri Hazarath Hitopia, Lecturer in Telugu, Govt College for Men(A), Kadapa attended as a Resource person and explained about the significance of Valmiki.

INTERNATIONAL ACCOUNTING DAY



On the occasion of International Accounting day an awareness programme was conducted by Department of Commerce on 11.11.2021. Sri V. Sree rama Reddy, Incharge of Commerce department explained about the importance of accounts. Sri O.Khaja Mohideen, S.Gurappa, P.Raj Gopal Students participated in this programme.

NATIONAL EDUCATION DAY



National Education Day celebrations was organised by Dr Shazeeya Begum, Incharge of the department of Urdu on 11.11.2021. Dr P.Subba Lakshumma, Principal inaugurated the meeting and explained in detail about the importance of Education, Dr Shazeeya Begum explained the life history and contributions of Moulana Abul kalam Azad in Education. Students participated in this programme.

AWARENESS PROGRAMME ON CYBER CRIMES



Awareness program on CYBER CRIMES was organised by Department of Economics with the cooperation of Women Protection cell kadapa, on 15.11.2021. Smt Shakuntala, World woman protection secretary, kadapa attended as chief guest and explained in detail about the cyber crimes. Dr. G. Vijay Lakshmi, T. Sreenivasu Reddy & Dr. M. Guru Mohan Reddy and students participated in this programme.

Rally on world aids day



On the occasion of World Aids day on 01.12.2021, Dr G.Vijaya Lakshmi, NSS Coordinator organised a rally from College to Collectorate office, All NSS Volunteers participated in this programme. Yamini II B.A student sung a prayer song at Collectorate Office meeting. District Legal Services Authority distributed participation certificate.

NATIONAL POLLUTION PREVENION DAY



On the occasion of National Pollution Day on 02.12.2021 the Department of Chemistry organised Campus cleaning. All the Department of Chemistry and Students participated in this programme.

FLAG DAY CELEBRATIONS



Dr M. Padmavathi, NCC Coordinator organised FLAG Day Celebrations on 07.12.2021. Sri Sreerama Reddy, Incharge Principal of the college inaugurated the meeting and explained in detail about the Flag day celebrations. NCC Cadets and Staff, Students participated in this programme.

NATIONAL MATHEMATICS DAY CELEBRATIONS





Department of Mathematics organised National Mathematics day celebrations on 22.12.2021. Dr P. Subba Lakshumma, principal inaugurated the meeting and explain in detail about the importance of Mathematics in our real life. Dr S. Nagendra, Lecturer from Govt College for Men(A), kadapa attended as chief guest and explained in detail about the contributions of Srinivasa Ramanujan in Mathematics. All the Mathematics faculty and students participated and make it a grand success.

NATIONAL CONSUMERS DAY



On the occasion of National consumers day the department of Commerce conducted an awareness programme on 24.12.2021. Essay writing and Elocution competition was conducted and Prizes was distributed to the students.

REPUBLIC DAY CELEBRATIONS



Republic Day celebrations was done at 26.01.2022 in the college. Dr P. Subba Lakshumma, Principal hoisted the flag and explained in detail about the importance of Republic day. Teaching and Non teaching staff, NCC cadets and students participated in this programme.

WORLD CANCER DAY



On the occasion of World Cancer Day the department of Zoology conducted an awareness programme on 04.02.2022. Dr P. Subba Lakshumma, Principal explained about the causes of cancer and prevention steps to control the cancer. Sri R. Sreenivasula Reddy, School Assistant, Biological Science, ZPJS School, Chapadu, C.V Raman, Science Club, Kadapa Division President attended as a Chief guest and explained about the History, significance and theme of the Cancer day. Dr P. Sachi Devi, Lecturer in Zoology coordinated this programme. Faculty of Zoology and Students participated in this programme.

INAUGURATION OF NATIONAL SCIENCE DAY CELEBRATIONS





Dr M. Padmavathi, Lecturer in Physics organised National Science Day celebrations. On this occasion Inauguration function was done on 26.02.2022. Dr P. Subba Lakshumma, Principal address the gathering and explained in detail about the Importance of Science in our daily life. All Science Department students exhibits their Science Projects. Principal convey wishes to the students for their best projects. Govt School students visited the college and observed the projects and gained the knowledge.

NATIONAL SCIENCE DAY CELEBRATIONS







National Science Day celebrations was conducted on 28.02.2022. Dr M. Padmavathi, Lecturer in Physics coordinated the programme. Dr p. Subba Lakshumma, Principal inaugurated and presided over the meeting. Dr G. Raveendranath Garu, Principal, Govt College for Men (A), Kadapa attended as Chief guest and explained in detail about the Importance of Science Day, Science & technology. Sri Suresh, Coordinator, Jana Vignana Kendram, attended as Guest of honour and explained about the Science facts and developments of Science in the present scenario. Students from Govt Junior College for Girls, Kadapa and Govt. High school attended to the college and visited all the Science exhibits. Kum K. Shalini, Smt D. Winni Teja, Smt Priya darshini, Dr P. Sachi devi and some of the students expressed feedback on this programme.

WORLD CONSUMER DAY 15.03.2022



Department of Economics Conducted an Awareness programme on Consumers Rights on 15.03.2022 to the students. Dr P. Subba Lakshumma Principal inaugurated the meeting and explain the need and importance of National Consumers day. Dr G.Vijaya Lakshmi Devi, NSS Cooridnator explain about the objectives of the programme. Staff and students participated in this programme.

WOMENS DAY CELEBRATIONS ON 08.03.2022







On the occasion of International Womens day Dr P. Subba Lakshumma, principal is honoured by Youth Education Employment and Welfare association & Hindi Sevasadan maha Vidyalayam on 08.03.2022. Our college student Anusha Reddy, I BCom performed excellent dance at YSR Auditorium in the occasion. Smt B.Yugavani, Woman Empowerment Cell convenor organised International Womens day celebrations in the college. Dr P. Subba Lakshumma, Principal attended as Chief Guest and explained in detail about the Importance, Role and Responsibilities of the woman in the society. Sri B. Sreenivasulu, Smt L. Sudheera, Smt B.Yugavani, Dr M. Padmavathi, Dr M. Sujatha, Dr G. Vijaya Lakshmi devi shared their feelings on this occasion. All the staff and students participated in this programme.

WORLD EARTH DAY



On the occasion of World Earth day Department of Zoology conducted poster presentation on 22.04.2022. As part of this celebrations Drawing competitions conducted and created awareness among our colleges students by displaying the paintings. NCC cadets participated in painting competition.

ENGLISH LANGUAGE DAY



Department of English organised English Language Day on 23.04.2022. Dr P. Subba Lakshumma, Principal inaugurated the meeting and explained about the importance of English language. Smt P. Sujatha, HOD of English, all the department faculty, students participated in this programme.

LEGAL RIGHTS AWARENESS PROGRAMME



Dr G. Vijaya lakshmi Devi organised Legal awareness program in the college on 16.03.2022. Dr P. Subba Lakshumma, Principal Inaugurated the meeting and explain the objectives of the programme. DLSA Secretary cum Civil Judge Honorable Kavitha madam attended as a chief guest and as a resource person, and explain the schemes of legal awareness, ways of spreading legal awareness, Legal Literary importance, role of legal aid clinics in spreading legal awareness. Staff and students participated in this programme.

FIELD VISIT





On 17.12.2021, the Department of Economics went field trip to Madanpalli, Horsely hills, Gurram konda fort, organic Jaggery at prakriti vanam, Eucaliptus oil extraction oil unit , organic bio fertilizers and pesticides processing unit, organic Bio-fertilisers process using old well at prakrutivanam, Rain water harvesting process unit, Millets and stones separated process de-stone machine, Organic ground nut oil machine, organic coconut oil extraction machine, neem soaps and kunkudukalaya shampoo process unit, organic jaggery processing unit, Lemon grass and farm rose oil extraction machines unit.

FIELD TRIP BOTANY DEPT



On 20.12.2021 the Department of Botany went to study tour to Yogi Vemana University and visited Botanical Garden and Botany & Zoology Departments.

FIELD VISIT BY DEPT OF MATHEMATICS & STATISTICS









Department of Mathematics & Statistics went field trip to Talakona and Regional Science centre, Tirupati on 07.01.2022. Talakona is the highest waterfall in Andhra Pradesh. Talakona is a resort with waterfalls,

dense forests and wild life. The forest is mostly covered with sandal wood trees with some medicinal plants. All the students get recreated a lot. After that students visited the Regional science centre, Tirupati. Regional science centre is an extra ordinary place for students interested in science. The center holds several demonstrations, exhibition galleries, fun science, popular science, our universe, our senses, illusions and emeing techonology. Students visited mathematical concepts like Parabola, Hyperbola, Conics, Cubism, Value of Pi, Infinity well etc. All the students gain Mathematical knowledge during this trip.

FIELD TRIP BY DEPT OF ENGLISH ON 05.03.2022



As a part of field trip the Department of English visited CP BROWN Library , along with student and the staff on 05/03/22.

Field visit by chemistry





Department of Chemistry visited Maithili Life sciences private limited, renigunta, tirupathi and regional Science centre, Tirupati on 24.03.202. Maithili Life sciences Pvt Lts is listed in trade India's list of verified sellets offering supreme quality. This company is best selling quality products and service. And also visted Regional Science Centre, Tirupati.

Microbiology field trip





Department of Microbiology students and staff visited field trip to Tirupathi on 25.03.2022.Utilization of biogas for Canteen purpose.Boilers running with WoodWaste water treatment plant.

Project based learning-field visit by physics department





As a part of Educational Tour the department of Physics visited UCIL, Kadapa Worlds largest uranium core extraction unit on 29.04.2022. Dr M. Padmavathi, Dr N. Sahaeva Reddy, Students gained knowledge about Uranium extraction and processing techniques.

Project based learning-field visit by botany department

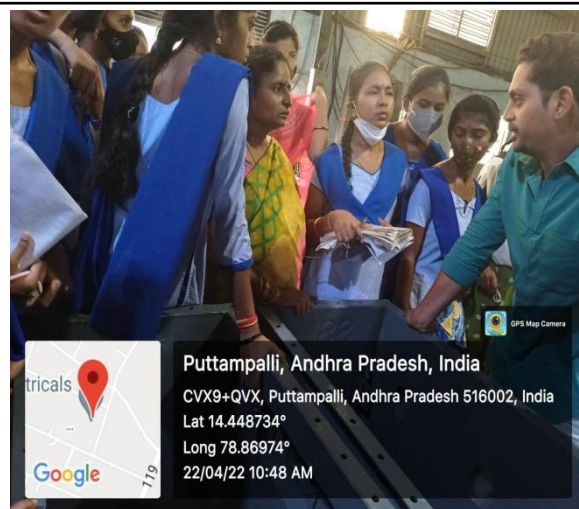
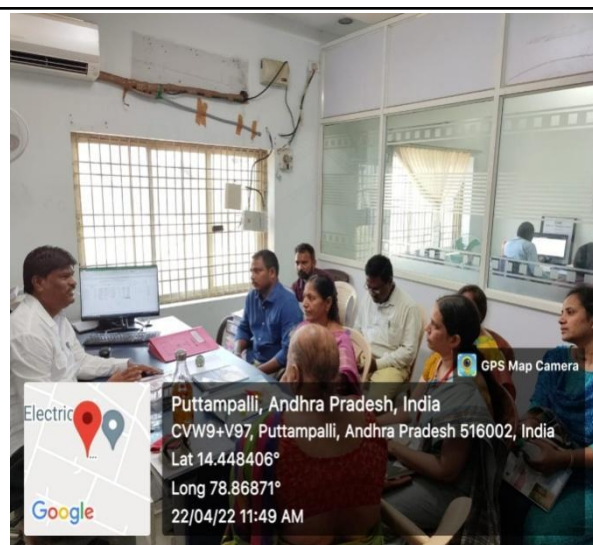




Department of Botany staff and students visited Agricultural Research station Utukur for project work from 21.04.2022 to 27.04.2022.

Project based learning-field visit by computer science department





Department of Computer Science and Computer Applications visited SSEL, Kadapa on 22.04.2022. Students wrote the project work on SSEL Industry.

COMMUNITY SERVICE PROJECT

Department of Chemistry conducted viva to the students on Community Service Project. Students gave PPT presentation about their projects.

Topics:

Food adulteration

Processed and Packed Foods

Use of chemicals on fruits and vegetables

Air pollution

Nutrition

Food habits

Water pollution

Access to safe Drinking water



Department of Zoology conducted viva to the students on Community Service Project. Students gave PPT presentation about their projects.

Topics:

*Implementation of national Immunization
 prevalence of diabetes*

Post covid symptoms

Sanitation, hygiene and health condition.



INTERNAL VIVA on COMMUNITY SERVICE PROJECT

Department of Chemistry conducted viva to the students on Community Service Project. Students gave PPT presentation about their projects.

Topics:

Food adulteration

Processed and Packed Foods
Use of chemicals on fruits and vegetables
Air pollution
Nutrition
Food habits
Water pollution
Access to safe Drinking water



Department of Zoology conducted viva to the students on Community Service Project. Students gave PPT presentation about their projects.
Topics:
Implementation of national Immunization
prevalence of diabetes

*Post covid symptoms
Sanitation, hygiene and health condition.*



Department of Biochemistry and Microbiology conducted viva to the students on Community Service Project. Students gave PPT presentation about their projects.

Topics:

BLOOD GROUPS AND BLOOD LEVELS

INCIDENCE OF DIABETES AND OTHER CHRONIC DISEASE



Department of Physics conducted viva to the students on Community Service Project. Students gave PPT presentation about their projects.

Topics:

Soil Protection

water facilities and Drinking water availability

Health & Hygiene





Department of Mathematics conducted viva to the students on Community Service Project. Students gave PPT presentation about their projects.

Topics:

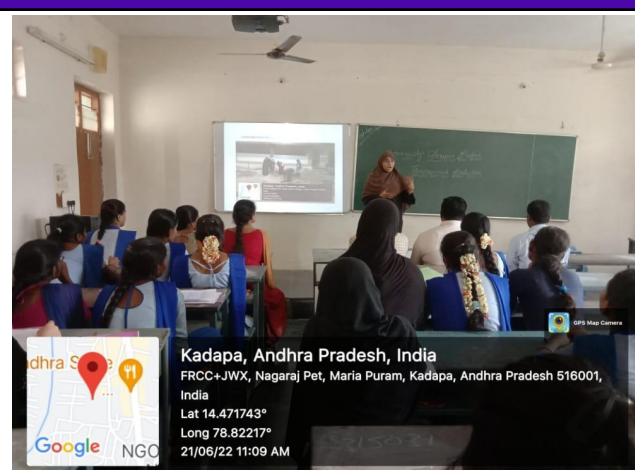
Topics:

Use of mobile phones

Environment protection

Water facilities and drinking water availability

Food Habits





Department of Statistics conducted viva to the students on Community Service Project. Students gave PPT presentation about their projects.

Topics:

Topics:

Traditional Care methods

Drinking water facilities





Department of Arts conducted viva to the students on Community Service Project. Students gave PPT presentation about their projects.

Topics:

Social problems

social evils and culture traditions values & ethics

Health Sector

Health Sector

Impact of Social media on Youth





Department of English conducted viva to the students on Community Service Project. Students gave PPT presentation about their projects.

Topics:

Food Habits

Digital Transactions

Savings & Investments

Personal Transport

Insurance Services and Habits

personal Transport

Telugu literature and mondalics

performing arts

School Education.



RESEARCH ACTIVITIES

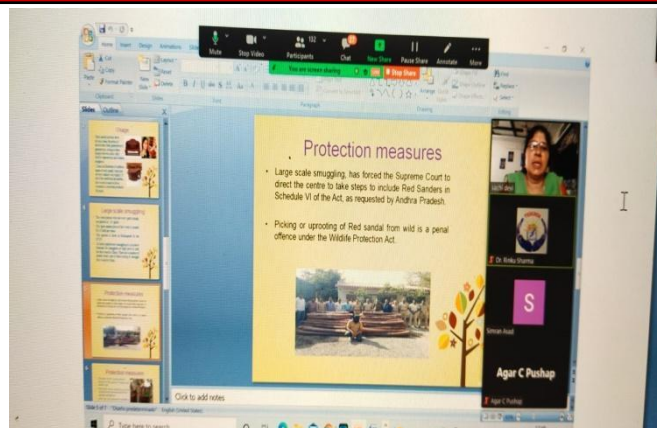
AWARENESS PROGRAMME ON INTELLECTUAL PROPERTY RIGHTS



An awareness programme on Intellectual property of Rights on 13.08.2021 organised by Smt C.V Krishna Veni, IQAC Coordinator. Dr P.Subba Lakshumma, Principal explained about the importance of Intellectual property rights. Smt C.V Krishnaveni explained in detail about the Research methodologies. All the staff participated in this programme.

ACHIEVEMENTS

STAFF ACHIEVEMENTS



Dr P. Sachi Devi, Lecturer in Zoology selected for Guru Chanakya award-2022 on 22.05.2022 for contribution to education by ICERT. Name was announced in the international web conference and presented paper on Red sandal wood smuggling in the conference.

STUDENTS ACHIEVEMENTS



our college NSS Volunteer M.Rupa got Second prize in Elecution competition Virtually Conducted by STEP office on the occasion of International Youth Day. 13.08.21

STUDENT ACHIEVEMENTS



Essay writing and Elocution competitions was conducted on 10.11.2021 on the topic entitled "Police selfless service for Covid-19 Pandemic situation time. Students participated in this competitions at PNR Hall, Opp Police Ground, kum Saniya, II BSc MSc Student won 2nd prize, kum Roopa, II BA Student won 3rd prize in Elocution competition. Prize distribution ceremony was organised at PNR Hall and they gave 3000/- cash prize along with certificate to II prize winner and 2000/- cash prize along with certificate to III prize winner. Dr P. Subba Lakshumma, Principal convey best wishes to the winners. Dr M. Guru Mohan Reddy, Coordinated this programme.

TITLE OF THE PRACTICE:

Mentor and Mentee System

Objectives of the Practice:

1. To transform knowledge based on the learner outcomes
2. To work together to reach the goals of the mentee.
3. To encourage mentees to track their progress frequently
4. To set a realistic time line for mentees
5. To know how realistic goals are
6. To create and reinforce a positive prganizational culture
7. To provide soft skills and life skills in order to be effective
8. To see holistic development.

The context:

Students with different economic, social, financial and regional backgrounds are admitted in the institution through OAMDC online portal. The Institution caters to young women needs. Due to varied reasons students often do not confide their problems to anyone, which could lead to rigorous English Language teaching and sudden exposure to new town makes them confusion. Being away from home, such students can best look up to their teachers for support and guidance. Hence the institution initiated the menter-mentee system to ensure overall development and wellbeing of the students who admitted in the college.

THE PRACTICE:

1. The institution has adopted Mentor and Mentee system to fulfill the mission of the college and to cater the needs and aspirations of the students.
2. Each faculty member is allotted 25-30 students as mentees with the task to mentor his/her students.
3. Each faulty member has been given a printed book to register mentees personal and academic information
4. It is an ongoing process, extending throughout the student's study in the college.
5. Mentees are encouraged to regularly interact with their mentors and discuss any issues.
6. In regular Mentor – mentee meetings various activities like career goal setting, presentation skills, communication skills, resume writing, aptitude test etc. are organized.
7. Mentees are counseled and also informed about the various facilities and scholarships that are available for them.
8. Mentors keep all academic records of their mentees, monitor their attendance and

- progress and taken care of even their personal problems
9. The college environment helps students to balance their emotional and psychological problems and find solutions.
 10. Twice in a week Human Values and Professional Ethics are taught, to develop values and right understanding among the students.

BEST PRACTICE – II

Title of the Practice: Skill Will Club

Objectives:

“Skill Will Club” is one of the best practices adopted by the college. The programme aims to impart soft-skills including communication skills, presentation skills. Personality Skills and Job-Skills help students to acquire General English Skills and help to remove mental blocks involved in communication. The objectives of “Skill will Club” are stated below:

- To inculcate integrity, honesty, Commitment to the profession, the values of quality life in the students.
- To train students in soft-skills to empower them to compete in the job-market. To contribute to increase the students’ performance and productivity at the workplace with excellent time management and communication skills through Soft skills
- To build a good relationship in one’s personal life and professional life.

The Context:

- ❖ To achieve the needs of present job market skill education is essential for graduate students / youth.
- ❖ Skill acquisition is the ability to be trained on a particular task or functions and become expert in it.
- ❖ Skill based education should be a part of any teaching programme.
- ❖ Skill acquisition makes the students employable besides the obtaining of the degrees.
- ❖ For this purpose, initiative has been taken up and the curriculum also designed with the actual requirements of the job-market in mind and to create will among students to competing the job-market, equipped with the necessary soft-skills.
- ❖ In charge of the English Department is responsible for inculcating values to the students by means of conducting soft skills classes.
- ❖ The students are trained how to practice punctuality, right attitude, right body language and public speaking.

The Practice:

The practice involves a group of teachers to voluntarily conduct classes and provide training to students. Teachers from the Department of English have designed the programme, and the programme will be held with the help of teachers from all faculties. Teachers put special efforts without remuneration besides the regular work. No fee is collected from the students for the purpose. The club identifies a large group of 30 students through simple test orientation programme conducted for the students to know the importance of the skill acquisition. Theory classes Time: 25-30 hrs. Students are equipped with the audio system, audio cassettes, cd's and the course books, Cambridge series books for better understanding of pronunciation and to build conversational skills.

A. English speaking practice:

Audio versions of conversation.

Phonetic pronunciation of vowels and consonant sounds.

Listening tracks of 1 minute to learn the pronunciation and to find out the concept.

B. Reading Practice:Text reading, newspaper reading, reading aloud, poem recitation.

C. Writing:

Writing conversation for an imaginary context.

Letter writing practice.

Report writing.

D. Group Discussion:

Involving teachers for practice and giving tips to the students for moderation in Group Discussion.

Playing video presentation of group discussion.

Critical commentary and tips on GDs'.

E. Job Skills:

Giving instructions on Mock Interviews and conducting interviews.

Theory classes on interpersonal skills.

Resume preparation.Practice on telephone etiquette.

ALUMNI ASSOCIATION MEETING



Smt Koti Reddy Ramasubbamma Alumni association of the college organised Best Practice programme "Hand full of rice" on 09.05.2022. Dr P. Subba Lakshumma, Principal inaugurated the meeting and explained about the alumni association. On this occasion Principal and alumni staff brought hand full of rice collected and donated to orphanage people. Smt V. Himakumari, Convenor and Kum K. Shalini, Vicepresident coordinated the programme.

AWARENESS PROGRAMME ON PRECAUTIONS AND PREVENTION ON COVID 19 organised by alumni association



Alumni Association of the college conducted an Awareness Programme on 28.07.2021 on the topic entitled Precautions & Prevention of Covid 19 to the students. Dr P.Subba Lakshumma, Principal explained the importance of wearing mask and maintaining social distance, impact of covid virus. Dr. Jeeva Prakasham delivered about the precautions and prevention of Covid., Alumni staff and students participate in the programme.

AWARENESS PROGRAMME ON DISHA APP



An Awareness Programme on DISHA APP organised by Women Empowerment Cell on 29.07.2021. Smt B.Yugavai coordinator of Women Empowerment Cell. Dr P.Subba Lakshumma, Principal told the awareness on Disha app. P. Aswini, Administrator and K. Santhamma Woman SI. Sakhi Centre, Kadapa attended as resource persons and created awareness on Disha app and usage. Students downloaded DISHA App. All the Women staff and students participated in this programme.

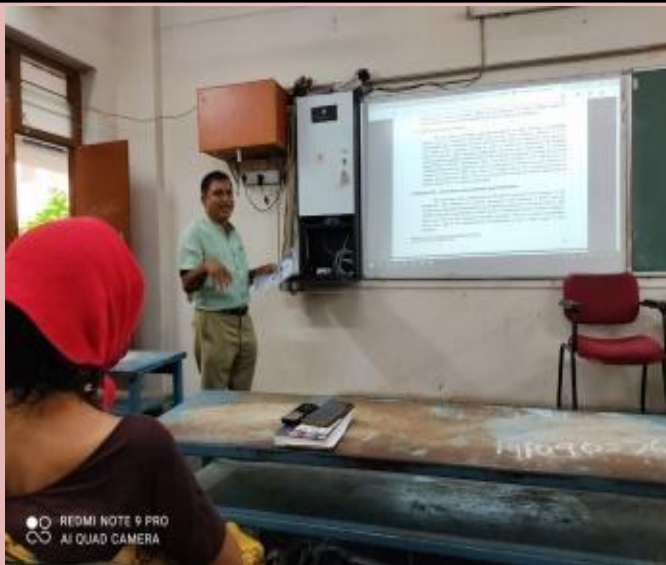
NAACREVIEW MEETINGS(ALL CRITERIONS)



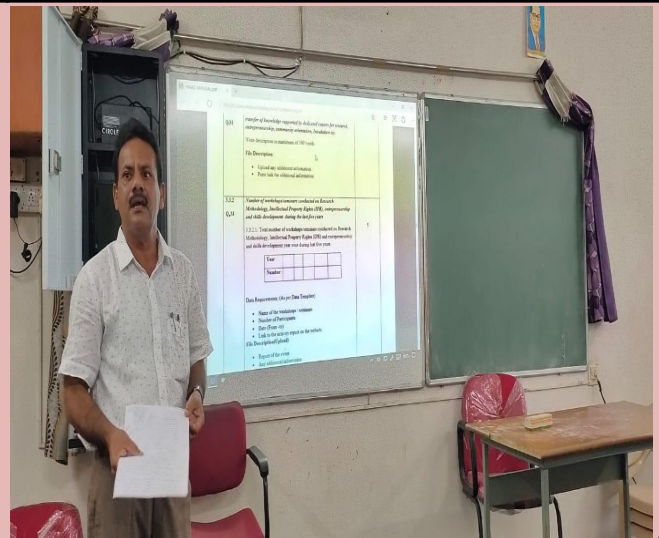
Dr Shazeeya Begum, Criterion 1 Coordinator, explained about the NAAC 1 Criterion Curriculum aspects on 02.12.2021 and explained NAAC 1 Quantitative and Qualitative templates. Dr P.Subba Lakshumma, Principal and all the teaching staff participated in this meeting.



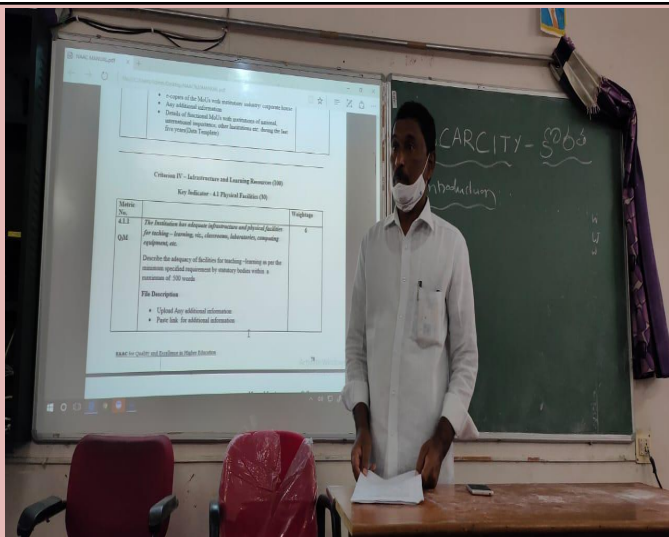
Dr Sachi Devi, Criterion 2 Coordinator, explained about the NAAC 2 Criterion from 2.1 to 2.4 Teaching Learning and Evaluation on 03.12.2021 and explained NAAC 2 Quantitative and Qualitative templates. Dr P.Subba Lakshumma, Principal and all the teaching staff participated in this meeting.



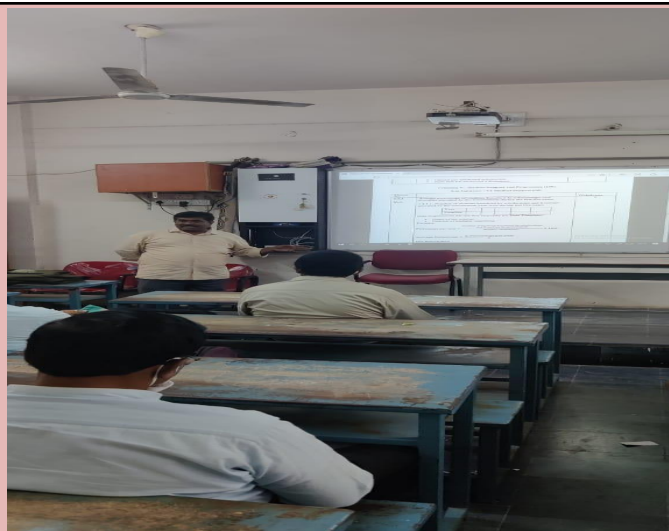
Dr P. Guru Mohan Reddy, explained about the NAAC 2 04.12.2021 and explained NAAC 2.5 to 2.7 Quantitative and Qualitative templates. Dr all the teaching staff participated in this meeting.



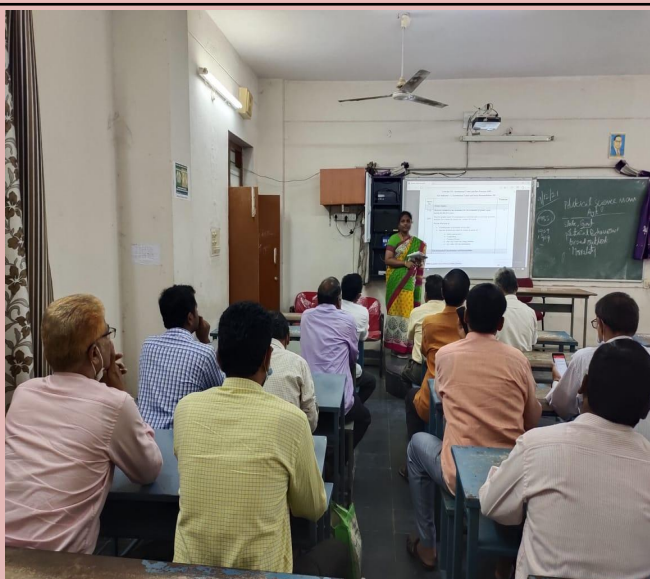
Dr P. Gurivi Reddy, Criterion 3 Coordinator, explained about the NAAC 3 Criterion Research Consultancy and Extension on 06.12.2021 and explained NAAC 3 Quantitative and Qualitative templates, all the teaching staff participated in this meeting.



Sri Sri Rama Reddy, Criterion 4 Coordinator, explained about the NAAC 4 Criterion Infrastructure and Learning Resources explained on 07.12.2021 and explained NAAC 3 Quantitative and Qualitative templates, and all the teaching staff participated in this meeting.



Dr M.V Ramanaiah, Criterion 5 Coordinator, explained about the NAAC 5 Criterion Student support and progression on 08.12.2021 and explained NAAC 5 Quantitative and Qualitative template, all the teaching staff participated in this meeting.



Dr M. Priya Darshini, Criterion 7 Coordinator, explained about the NAAC 7 Criterion Best Practices 09.12.2021 and explained NAAC 7 Quantitative and Qualitative templates, all the teaching staff participated in this meeting.



Dr K. Madan Mohan, Criterion 6 Coordinator, explained about the NAAC 6 Criterion Governance and Leadership on 09.12.2021 and explained NAAC 6 Quantitative and Qualitative template, all the teaching staff participated in this meeting.

TheEnd