

WALL MAGAZINE 2021-2022

Several departments maintain wall magazine to enlighten students on popular articles in concern subjects regarding research and updates. students are getting benefitted by going through the wall magazines. They will come to know about various important issues published in magazines and news papers. students improve their reading abilities and research aptitude.



WALL MAGAZINE



Wall Magazine

Dept of Sanskrit

"Brahmagupta's 18 laws of mathematics are completely missing from India's present mathematics curriculum."



India is known to be the birthplace of modern mathematics. Yet many Indian school-going children lack proper understanding of mathematical concepts. Jonathan Crabtree, a mathematician, historian, and author of the book 'The Lost Mathematics of India', has written an article explaining the history and value of mathematics. Over the years, Crabtree has retraced the origins of mathematics and looked to answer the question: 'How did India's definition of zero come to be?'. In his book, 'The Discovery of Ancient Indian Mathematics: The Brahmagupta, Mahavira, and Bhaskara II (1120) was identified by Crabtree as a major contribution factor. BE's Isha Chhabra says in his

Jonathan J. Crabtree

Q Why and when did you feel that there were some mistakes in basic mathematical concepts?

A Fifty years ago, in 1968, my Class 2 teacher gave me the wrong explanation of multiplication. People have said $a \times b$ equals a added to itself b times for centuries. Yet this leads to $1 \times 1 = 2$. When asked 'what is two added to itself three times', I said 8. My answer was correct, yet the explanation of $2 \times 3 = 6$ was wrong. The correct explanation for $a \times b$ is a added to itself b times, which simply leads to $8 = 2 + 2 + 2$.

Q What according to you is the reason for these mistakes?

A These mistakes were made because England developed the way elementary mathematics was taught since the 16th century. The ancient Greek mathematicians didn't consider zero and one to be numbers. Without zero, they also didn't have a concept of negative numbers. Therefore, the English definition of multiplication emerged with an error when translated from ancient Greek in 1570.

Unfortunately, the English then exported their mathematics to their settlements and colonies, infecting the world's mathematics with a logic 'virus'. Similarly, one was also omitted from the definition of exponentiation.

Consider a to the power of b , which is wrongly said to be a into itself b times. We must return one to the definition, so a to the power of b becomes 1 into a, b times, or $1 = a = a^a$. Definitions of multiplication and exponentiation need fixing as does the definition of zero. Luckily, the 7th century mathematical laws of India's Brahmagupta are consistent with the laws of the Universe, which is what you expect as

Brahmagupta was an astronomer. Today, children are told that negative numbers are defined as being less than zero, yet that is mathematically and historically incorrect. The Chinese were using negative and positive numbers for around 1400 years before they adopted India's zero. So the Chinese could never have considered negative numbers less than zero. Instead, they just viewed negatives as equal and opposite to positives, which is consistent with science and their philosophy of Yin and Yang. Free slides for readers are at www.itsjoe.net/Maths.

Q How do you think these changes can be implemented in the existing educational system?

A As I found some schools and gave mathematical lessons to more than 500 students ranging from Class 7 to Class 9, I explained Brahmagupta's laws of mathematics and asked them to tell me what they preferred. The children said they prefer India's own explanation of mathematics.

Brahmagupta's powerful set of 18 laws of mathematics are completely missing from India's present mathematics curriculum. So, I converted Brahmagupta's laws of maths into fun games for children. Hopefully, that will help in instilling the laws of positive and negative numbers. Indian children have been forced to learn mathematics through bad pedagogies that do not resonate with them. How else could India perform second and third in list out of 74 participants in maths Olympiad only of Kyrgyzstan, in a recently concluded global mathematical event? India had its 'true' superior mathematical heritage stolen from it. My mission is simply to return the amazing simplicity and power of India's own mathematics to its people. ■ www.itsjoe.net/Maths


"Whenever I give a lecture on Quantum Physics, I feel as if I am talking on Vedanta!"

I studied matter for the last 35 years, only to find out that it does not exist! I have been studying something that does not exist! - exactly what Adi Shankara said long back from the Upanishads


All that you see doesn't exist!

Department of Botany-Innovative practices QR Code Generation

Generation of QR Code to the Flora of the College (for 94 Plant Species)



- ❖ People are often curious to know about a plant that is in front of them but may not know what to look for, even if they were to do a Google search.
- ❖ QR codes (short for Quick Response) are barcodes that can be read by mobile phone (smartphone) cameras.
- ❖ Anyone with a smartphone can download a QR code scanning app, scan the code and see the scientific name, family and uses of the plant. After that, there is massive amounts of information one can find on the internet.



Best Practice- Maintenance of Vermi Compost Pit




BEST PRACTICES-MEDICINAL GARDEN



Student-Research

Hydroponics- An alternative farming practice



SCIENCE

Top Biotech and RIG-Pharmaceutical Companies & Startups in India

- GenScript (Singapore)
- GenScript India (Pune)
- GenScript India (Chennai)
- GenScript India (Hyderabad)
- GenScript India (Bangalore)
- GenScript India (Gurgaon)
- GenScript India (Mumbai)
- GenScript India (Delhi)
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- GenScript India (Lucknow)
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- GenScript India (Shimla)
- GenScript India (Srinagar)
- GenScript India (Thiruvananthapuram)
- GenScript India (Tiruchirappalli)
- GenScript India (Vadodra)
- GenScript India (Vijayawada)
- GenScript India (Warangal)
- GenScript India (Yamuna Nagar)

SCIENCE DAY CELEBRATIONS



GALLERY OF MATHEMATICIANS

INDIAN MATHEMATICIANS

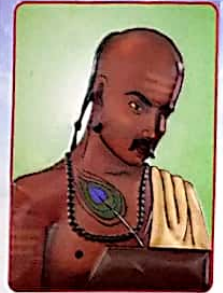
SRINIVASA RAMANUJAN



Srinivasa Ramanujan (1887-1920) was an Indian mathematician and autodidact who, with almost no formal training, made extraordinary contributions to mathematical analysis, number theory, infinite series, and continued fractions. Ramanujan's talent was such that the prominent English mathematician G. H. Hardy, to be in the same league as Ramanujan, mathematicians such as Euler, Gauss, Newton and Archimedes.

श्रीनिवास रामानुजन (1887-1920) हिमाचल प्रदेश का भारतीय गणितज्ञ थे। रामानुजन गणित के क्षेत्र में अद्वैतीय योगदान के क्षेत्र में सबसे अधिक प्रसिद्ध हैं, जो अज्ञान, अज्ञान के क्षेत्र में काम किया है, जो कि रामानुजन की विशेषता है। रामानुजन की विशेषता थी, पूरे, पूरे के अज्ञान रामानुजन की विशेषता है। रामानुजन की विशेषता थी, पूरे, पूरे के अज्ञान रामानुजन की विशेषता है।


BHASKARACHARYA



Bhaskaracharya was an Indian mathematician and astronomer. He has been called the greatest mathematician of medieval India. His main work the "Siddhanta Shiromani" is divided into four parts. His work on calculus predates Newton and Leibniz by half a millennium. He was the first to give that any number divided by 2 gives infinity. He also wrote, "The horizontal part of the circumference of a circle seems to be straight. Our earth is a big sphere and that's why it appears to be flat."

भस्कराचार्य गणित और खगोलज्ञ थे। उन्होंने गणित में अत्यंत महत्वपूर्ण योगदान दिया है। उनके काम में 'सिद्धांता शिरोमणि' का नाम है। यह काम चार भागों में बंटा हुआ है। उन्होंने न्यूटन और लीबनिज से आधे सहस्राब्दी पहले गणित का काम किया है। उन्होंने कहा कि किसी भी संख्या को 2 से विभाजित करने पर हमेशा ही शेष 1 रहता है। उन्होंने कहा कि पृथ्वी एक बड़ा गोल गLOBE है, इसलिए यह सीधे नहीं दिखती है।

ARYABHATA



Aryabhata was born in 476 AD in Kusumpur, Bihar, India. He was a brilliant mathematician and astronomer. He is known for his work on the concept of zero and the decimal system. He also discovered the formula for the area of a circle and the value of pi.

आर्यभट्ट 476 ई.पू. में कुसुमपुर, बिहार, भारत में पैदा हुए थे। वे एक अत्यंत प्रतिभाशाली गणितज्ञ और खगोलज्ञ थे। वे शून्य और दशमिक प्रणाली के अवधारणाओं के लिए जाने जाते हैं। उन्होंने वृत्त के क्षेत्रफल का सूत्र और पाई के मान का भी अंदाजा लगाया था।

CARL FRIEDRICH GAUSS



Carl Friedrich Gauss (1777-1855) was a German mathematician, physicist, and astronomer. He is considered one of the greatest mathematicians of all time. His work in number theory, algebra, and statistics has had a profound impact on modern science and mathematics. He is also known for his discovery of the law of universal gravitation and his work on the theory of magnetism.

PIERRE DE FERMAT



Pierre de Fermat (1601-1665) was a French mathematician, jurist, and philosopher. He is best known for his work in number theory, particularly his discovery of Fermat's Last Theorem. He also made significant contributions to probability theory and the theory of numbers.

BLAISE PASCAL



Blaise Pascal (1623-1662) was a French mathematician, philosopher, and scientist. He is known for his work in probability theory, the theory of numbers, and the theory of probability. He also made significant contributions to the development of the mechanical calculator and the theory of fluids.

ZEN-O-ELEA



Zen-O-Elea was an ancient Greek philosopher who lived in the 5th century BC. He is known for his theory of the infinite and his work on the foundations of geometry. He is also known for his discovery of the law of the inclined plane and his work on the theory of probability.



Portrait of a bearded man, likely a philosopher, with a green background. The text below is illegible.

JOSEPH-LUIS LAGRANGE



Joseph-Louis Lagrange (1734-1786) was an Italian mathematician and physicist. He is known for his work in number theory, algebra, and mechanics. He also made significant contributions to the theory of probability and the theory of numbers.

LEONHARD EULER



Leonhard Euler (1707-1783) was a Swiss mathematician and physicist. He developed the theory of differential equations and the calculus of variations. He also introduced mathematical notation, discovered Euler's formula, and demonstrated the significance of the coefficients of trigonometric expansions.

PIERRE SIMON MARQUIS DE LAPLACE



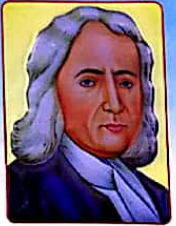
Pierre Simon Marquis de Laplace (1749-1827) was a French mathematician and astronomer. Laplace made significant advances in probability theory and the application of Laplace's theory of gravitation to the solar system was demonstrated in his book Celestial Mechanics. Laplace proposed that the solar system had condensed out of a vast, rotating gaseous nebula.

RENE DESCARTES



Rene Descartes (1596-1650) was a famous French mathematician, scientist and philosopher. He was arguably the first major philosopher of the modern era to make a serious effort to defend skepticism. His systematic knowledge and certainty as well as his views about the relationship between mind and body have been very influential over the last three centuries.

SIR ISAAC NEWTON




The British natural philosopher, mathematician, and scientist, Sir Isaac Newton, was one of the most influential and brilliant scientists in history. He was the first to show that the same laws of motion and gravitation govern the motion of objects on Earth and the motion of celestial bodies. He was the first to show that the same laws of motion and gravitation govern the motion of objects on Earth and the motion of celestial bodies.

AUGUSTA ADA BYRON



Augusta Ada Byron (1815-1842) was an English mathematician. She was known for her work on Charles Babbage's mechanical computer, the "Analytical Engine". Her notes on the engine, which were published as the first algorithm intended to be processed by a machine, are now regarded as the world's first computer program.

GEORGE FRIEDRICH BERNHARD RIEMANN



Georg Friedrich Bernhard Riemann (1826-1866) was a German mathematician. He made lasting contributions to analysis and differential geometry, some of these including the later development of general relativity. The Riemann hypothesis, a conjecture about the distribution of the zeros of the Riemann zeta function, was named in his honor.

A MATHS IS ALL ABOUT...



- MATHEMATICS:-
- M- Miracle of Nature
 - A- Art of arithmetic
 - T- Tool of knowledge
 - H- Habit of problem solving
 - E- Evaluation of Civilization
 - M- Magic of numbers
 - A- Application of rules
 - T- Tool of knowledge
 - I- Ideas of intellect
 - C- Creativity of algebra
 - S- Science of Learning

B-Goda Sridevi
BSC, MScs
2018

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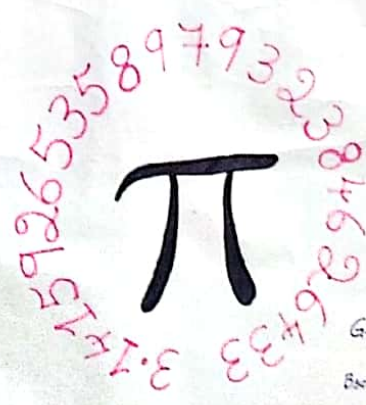
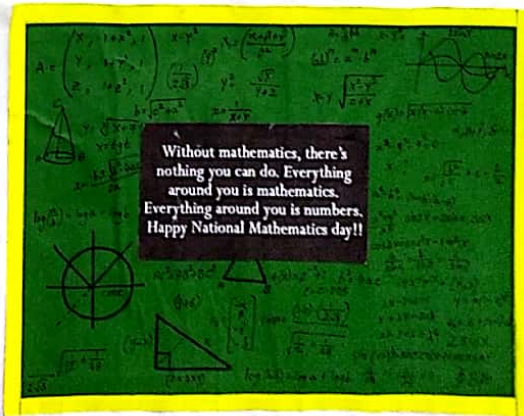
The Men Who Knew



Srinivasa Ramanujan



Srinivasa Ramanujan 22 December 1887 - 26 April 1920 was an Indian mathematician who lived during the British rule in India. Though he had almost no formal training in mathematics, he made substantial contributions to mathematical analysis, number theory, infinite series and continued fractions. Ramanujan initially developed his own mathematical intuition in isolation. He was mentored by G.H. Hardy in the early 1910s, after getting his degree at Cambridge, Ramanujan did his own work. He compiled over 3500 identities and equations in his life. Some of the identities were found in his last notebook. Since the notebook was discovered, mathematicians proved almost all of Ramanujan's work. His discoveries have led to many advancements in mathematics. His formulae are now being used in Cryptology and string theory. In 2018, Ramanujan's birthday was made an annual National Mathematics Day by Prime Minister Narendra Modi. His work has not only inspired by legends, mathematicians, but also by his successors, students in Madras. He is known for London-Ramanujan contact, Ramanujan-Selmer contact, Ramanujan theta function, Ramanujan identities, mock theta functions, Ramanujan Prime, Ramanujan conjectures, Ramanujan's master theorem, Ramanujan-Sato series. By 1908, Ramanujan had begun to undertake deep research. He investigated the series $\sum \frac{1}{n^2}$ and calculated Euler's constant to 15 decimals. He began to study the Bernoulli numbers, although this was entirely his own independent discovery. Ramanujan independently discovered results of Gauss, Kummer and others on hypergeometric series.



G-Chandrasekhar
Dipankar
Bsc, MScs
2018

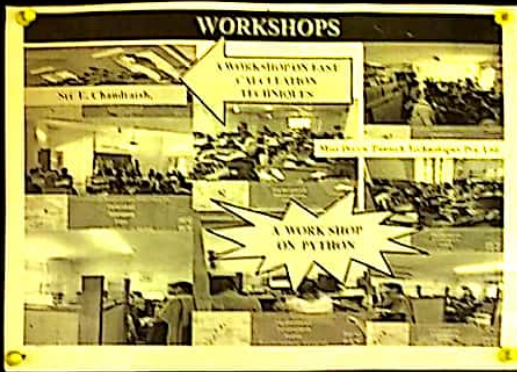
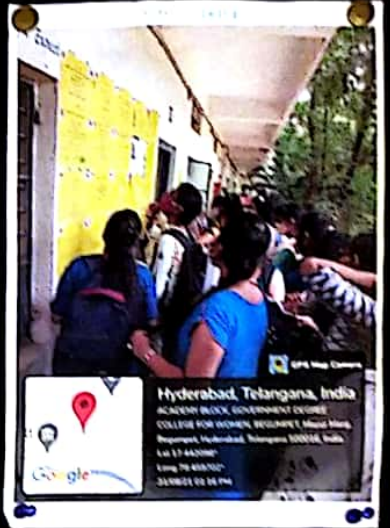
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MATHEMATICS

FIELD VISITS



WORK SHOPS



DEPARTMENT OF MATHEMATICS

Kernel of a Group Homomorphism

Let G, \bar{G} be two groups and $\phi: G \rightarrow \bar{G}$ be a homomorphism.

Then, $\text{Ker } \phi = \{ a \in G / \phi(a) = \bar{e} \}$
where \bar{e} is the id. ele. of \bar{G} .

Remarks: - 1) ϕ is an isomorphism
 $\iff \text{Ker } \phi = \{e\}$

2) $\text{Ker } \phi$ is a normal subgroup of G

$$3) \frac{G}{\text{Ker } \phi} \cong \phi(G)$$

$$\mathcal{L}\{y''\} = p^2 \mathcal{L}\{y\} - py(0) - y'(0)$$


$$\mathcal{L}\{y'\} = p \mathcal{L}\{y\} - y(0)$$

$$\mathcal{L}\{1\} = \frac{1}{p}, \mathcal{L}^{-1}\left(\frac{1}{p^2}\right) = t, \mathcal{L}^{-1}\left(\frac{1}{p}\right) = e^{at}$$

DEPARTMENT OF MATHEMATICS

COURSE OUTCOMES

GOVERNMENT DEGREE COLLEGE FOR WOMEN (AUTONOMOUS), BEGUMPET



DEPARTMENT OF MATHEMATICS

COURSE OUTCOMES (COs)

BSc FIRST YEAR

SEM I DIFFERENTIAL AND INTEGRAL CALCULUS

COURSE OUTCOMES (COs)

After completion of this course, the student will be able to

CO1: Gain an understanding of partial Differentiation Equations.

CO2: Differentiate in depth functions of two variables.

CO3: Verify whether a given function is continuous or not at a given point by an understanding of the neighbourhood of a point in (a, b).

CO4: Find the local of a function of two variables.


CO5: Apply and solve homogeneous functions.

CO6: Differentiate composite functions and implicit functions.

CO7: Compute radius of curvature and length of arc as a function.

CO8: Determine the area of the surface of the frustum of a cone.

GOVERNMENT DEGREE COLLEGE FOR WOMEN (AUTONOMOUS), BEGUMPET



DEPARTMENT OF MATHEMATICS

COURSE OUTCOMES (COs)

BSc FIRST YEAR

SEM II DIFFERENTIAL EQUATIONS

COURSE OUTCOMES (COs)

After completion of this course, the student will be able to

CO1: Gain the complete understanding of linear differential equations of first order and first degree.

CO2: Differentiate in depth differential equations of first order and first degree.


CO3: Verify whether a given differential equation is exact or not.

CO4: Identify the appropriate integrating factors to make a non-exact differential equation to exact.

CO5: Apply and solve first order differential equations.

CO6: Equip with the various tools to solve few types of differential equations that arise in several branches of science.

GOVERNMENT DEGREE COLLEGE FOR WOMEN (AUTONOMOUS), BEGUMPET



DEPARTMENT OF MATHEMATICS

COURSE OUTCOMES (COs)

BSc SECOND YEAR

SEM III REAL ANALYSIS

COURSE OUTCOMES:

After the completion of the course students will be in a position to

CO1: Appreciate beauty and applicability of the course.

CO2: Differentiate in details real number systems.

CO3: Give examples of sequences and series.

CO4: Understand the underlying vital basic concepts of real analysis such as epsilon-delta definition of limit of a sequence and convergence of a sequence.

CO5: Determine the continuity and uniform continuity of a function at a point.

CO6: Compute basis of given functions.

CO7: Explain the properties of continuous functions.

CO8: Prove and apply the mean value theorem.


CO9: Elaborate the geometrical representations of mean value theorem.

CO10: Apply Taylor's and Maclaurin's theorems.

CO11: Differentiate the Darboux and Riemann integrals.

CO12: Gain the significance of the Fundamental theorem of Integral calculus in integration.

GOVERNMENT DEGREE COLLEGE FOR WOMEN (AUTONOMOUS), BEGUMPET



DEPARTMENT OF MATHEMATICS

COURSE OUTCOMES (COs)

BSc SECOND YEAR

SEC-III THEORY OF EQUATIONS

After the completion of the course students will be in a position to

CO1: Appreciate beauty and applicability of the course.

CO2: Differentiate in details of theory of equations.

CO3: Compute maxima and minima values of polynomials.

CO4: Determine the number of roots of an equation.

CO5: Use Descartes' Rule of signs for positive and negative roots.

CO6: Establish relation between the roots and coefficients of a given polynomial.

CO7: Apply the theorem on relation between the roots and coefficients of a given polynomial.

CO8: Evaluate the cube roots unity.

CO9: Give examples of roots of symmetric functions.

SEC-IV LOGIC AND SETS

After the completion of the course students will be in a position to


CO1: Appreciate beauty and applicability of the course.

CO2: Differentiate in details of Logic and Sets, Identify Laws of Logic, De Morgan Diagrams.

CO3: Use axioms of probability, Establish the basic connectives and truth tables.

CO4: Apply the Quantifiers, Evaluate the cube roots unity, Give examples of Discrete Random variables.

GOVERNMENT DEGREE COLLEGE FOR WOMEN (AUTONOMOUS), BEGUMPET



DEPARTMENT OF MATHEMATICS

COURSE OUTCOMES (COs)

BSc FINAL YEAR

SEC-IV NUMBER THEORY

COURSE OUTCOMES:

After the completion of the course students will be in a position to

CO1: Appreciate beauty and applicability of the course. Differentiate in details of Number theory. Prove the Goldbach conjecture.

CO2: Explain the properties of congruences. Write binary and decimal representations of integers.

CO3: Establish the number theoretic functions. Apply Euler's generalization of Fermat's theorem. Use Euler's Phi function. Give examples of Sum and Number of Divisors.

SEC-IV VECTOR CALCULUS

COURSE OUTCOMES:

After the completion of the course students will be in a position to


CO1: Establish the work done against a force and evaluate line integrals.

CO2: Write binary and decimal representations of integers. Determine conservative vector fields.

CO3: Find surface integrals. Understand the concepts of gradient, divergence, curl and establish relations among them. Compute volume integrals. Apply Taylor's series.

CO4: Use gradient of a scalar field. Write binary and decimal representations of integers. Determine conservative fields and potentials.

GOVERNMENT DEGREE COLLEGE FOR WOMEN (AUTONOMOUS), BEGUMPET



DEPARTMENT OF MATHEMATICS

COURSE OUTCOMES (COs)

BSc FINAL YEAR

GENERIC ELECTIVE BASIC MATHEMATICS

COURSE OUTCOMES:

After the completion of the course students will be in a position to

CO1: Realize how quantitative analysis will be an aid in the decision-making process.

CO2: Understand how the quantitative analysis can be linked with other information in making decisions.

CO3: Apply the concepts of matrices and determinants.

CO4: Evaluate rank, adjoint and find solutions of systems of linear equations.

SEM-VI: STUDY PROJECT / PAPER - MATHEMATICAL MODELING

The focus is on those mathematical techniques that are applicable to models involving differential equations, and which describe rates of change. Students realize some beautiful problems can be modeled by using differential equations. The students also learn how to use the mathematical techniques in solving differential equations.

CO1: The focus is on those mathematical techniques that are applicable to models involving differential equations, and which describe rates of change. Realize how Mathematical Modeling helps for decision making.

CO2: Realize how Mathematical Modeling helps for decision making.


CO3: Understand exponential decay and radioactivity.

CO4: Apply the concept of Exponential growth - Density dependent growth - Limited growth with harvesting. Interacting Population Models.

CO5: Evaluate Radiative heat conduction - Diffusion.

CO6: Solve Boundary Value Problems.

GOVERNMENT DEGREE COLLEGE FOR WOMEN (AUTONOMOUS), BEGUMPET



DEPARTMENT OF MATHEMATICS

COURSE OUTCOMES (COs)

BSc SECOND YEAR

SEM-IV ALGEBRA

COURSE OUTCOMES:

On successful completion of the course students will be able to

CO1: Recognize algebraic structures that arise in matrix algebra, linear algebra.

CO2: Apply the skills learnt in understanding various such subjects.

CO3: Give examples of various groups and subgroups under various binary operations.

CO4: Find order of a group and order of an element.

CO5: Identify generators of cyclic groups.

CO6: Construct Cayley's composition table for various groups including dihedral groups.

CO7: Verify Lagrange's theorem, find index and verify group actions for Euler groups.

CO8: Apply concepts of bijective functions in Permutation groups, Homomorphism, Isomorphism and Automorphism.

CO9: Determine the zero divisors, idempotent, idempotent and units of rings.


CO10: Application of cosets to the Quotient group of a cyclic and Sierre ball.

CO11: Understand the basic concepts of ideals like prime ideal, principal ideal, maximal ideal and relation to integral domains, fields.

CO12: Compute the Characteristic of given rings.

CO13: Establish the ring homomorphism, isomorphism and first isomorphism theorem.

GOVERNMENT DEGREE COLLEGE FOR WOMEN (AUTONOMOUS), BEGUMPET



DEPARTMENT OF MATHEMATICS

COURSE OUTCOMES (COs)

BSc FINAL YEAR

SEM-V LINEAR ALGEBRA

COURSE OUTCOMES:

After the completion of the course students will be in a position to

CO1: Appreciate beauty and applicability of the course.

CO2: Differentiate in details vector spaces.

CO3: Give examples of vector spaces and subspaces.

CO4: Understand the underlying vital basic concepts of vector space such as pivot columns and pivot positions.

CO5: Determine the dimensions of Null space, Row space and Column space of a given matrix.

CO6: Compute Ranks of Null space, Row space and Column space of a given matrix.

CO7: Evaluate the Eigenvalues and Eigenvectors.

CO8: Prove and apply the concepts of Eigenvalues and Eigenvectors in other areas of mathematics.


CO9: Establish the complex eigenvalues and eigenvectors.

CO10: Apply Linear algebra concepts to differential equations.

CO11: Write the characteristic equation for a given matrix.

CO12: Differentiate between Linear dependence and linear independence of sets.

GOVERNMENT DEGREE COLLEGE FOR WOMEN (AUTONOMOUS), BEGUMPET



DEPARTMENT OF MATHEMATICS

COURSE OUTCOMES (COs)

BSc FINAL YEAR

SEM-VI-A INTEGRAL TRANSFORMS

COURSE OUTCOMES:

After the completion of the course students will be in a position to

CO1: Appreciate beauty and applicability of the course.

CO2: Apply their knowledge to solve some problems on special functions and Differential Equations by using the Integral Transforms.

CO3: Evaluate the Inverse Transformations.

CO4: Understand and apply the Cauchy's theorem - Heaviside's expansion formula.

CO5: Determine the solutions of simultaneous ordinary differential equations.

CO6: Apply Integral Transforms concepts to Partial differential equations.

CO7: Write Inverse Transforms: Sine and cosine transforms.

CO8: Compute Inverse Fourier Transforms.

SEM-VI-B ANALYTICAL SOLID GEOMETRY

COURSE OUTCOMES:

CO1: Students understand the beautiful interplay between algebra and geometry.

CO2: Apply their knowledge to solve some problems on Circle, intersection of a Sphere and a Line.

CO3: Write equation of a Tangent Plane. Evaluate angle of intersection of Two Spheres.

CO4: Find a Radical Plane.

CO5: Understand and apply the concepts of Cone.

DEPARTMENT OF MATHEMATICS

LOGICAL REASONING QUESTIONS OF THE DAY

→ What comes next?

6, 12, 20, 30, 42, 56, _____?

→ Odd one out?

-5, -2, 3, 10, 19, 29, 41, 58

→ How many squares are there?



DEPARTMENT OF MATHEMATICS

LOGICAL REASONING QUESTIONS OF THE DAY

→ What comes next?

6, 12, 20, 30, 42, 56, _____?

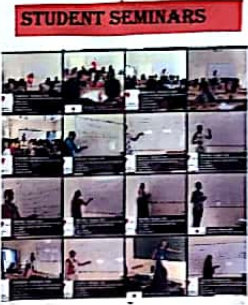
→ Odd one out?

-5, -2, 3, 10, 19, 29, 41, 58

→ How many squares are there?



DEPARTMENTAL ACTIVITIES



- ### BEST PRACTICES
- 1. Question Bank: Continuous Internal Assessment followed for evaluation. Each student has prepared unit-wise MCQs and contributed to the question bank which is helpful to the competitive examinations.
 - 2. Certificate course: Organizing Certificate courses and workshops regularly benefiting all the interested students in collaboration with institutes under MDIA with the department.
 - 3. Organizing Skill: Student committees planning and organizing the Math Fests with innovative programs and active participation of students.
 - 4. A LOGICAL QUESTION helpful for competitive exams is posted on notice board daily.

Sl. No.	Activity	Date	Organized by	Remarks
01	EXTENSION LECTURE	24-02-2022	Dr. J. Lakshmi	100% Attendance
02	WEEKLY	24-02-2022	Dr. J. Lakshmi	100% Attendance
03	MOCK SHOP	24-02-2022	Dr. J. Lakshmi	100% Attendance
04	WEEKLY	24-02-2022	Dr. J. Lakshmi	100% Attendance
05	EXTENSION LECTURE	24-02-2022	Dr. J. Lakshmi	100% Attendance

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