

Interaction with outside world

Dr. Iyappan M. Assistant Professor of Statistics

Faculty Members, apart from teaching his/her own students in classrooms and laboratories, can go as resource person for delivering guest lectures, act as a guide during technical symposiums, as a resource person in FDP, as an executive member of a Professional Body.

Department of Mathematics & Statistics faculty member Dr. Iyappan M.



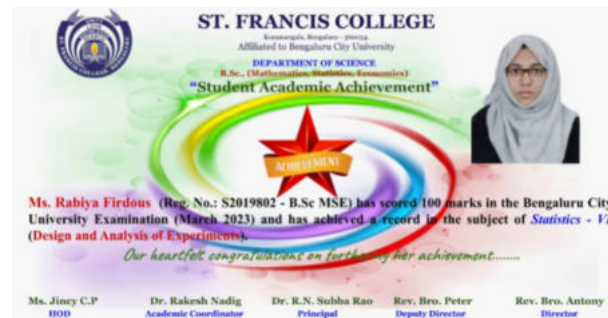
gave an interactive and engaging speech at Kunthavai Naacchiyaar Government Arts College for Women, Thanjavur, as a resource person to deliver lectures



Image source : Dr. Iyappan, Assistant Professor of Statistics

Student Academic Achievement

Dr. Iyappan M. Assistant Professor of Statistics



Ms. Gopika J & Ms. Rabiya Firdous, students in the Department of B.Sc., EMS achieved success by

securing 100 marks in the recently concluded Bengaluru City University Examination Statistics Subject. Subject

teacher, HOD, the college principal, Deputy Director and Director Congratulated them for their achievements

SHAKUNTALA DEVI

Gopika J. , 3rd BSc (MSE)



Image source : Google images

She made our country proud throughout the world by securing a place in “The Guinness Book of World Records” for her intellectual mathematical talent. She was a motivational speaker who enlightened the lives of many individuals towards mathematics. In 1960, she married Paritosh Banerjee and was blessed with a daughter. Most of the time, people were astonished by Devi’s mathematical excellence. People were always thinking about how Shakuntala Devi calculates such huge numbers randomly assigned to her in an instant. She is an extraordinary human with impeccable calculating skills that brought her the title “Human-Computer.”

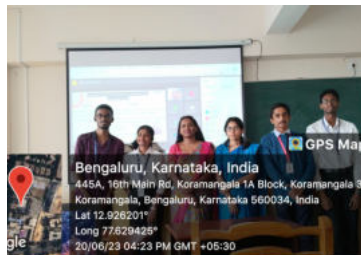
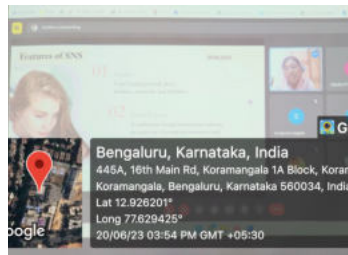
On 18th June, 1980 at Imperial College London she demonstrated multiplication of two complex 13-digit numbers such as $7,686,369,774,870 \times 2,465,099,745,779$. Those numbers were given randomly, and Devi answered it as $18,947,668,177,995,426,462,773,730$ in just 28 seconds, it has brought her worldly fame. She never used any paper or pen to calculate the numbers; it’s her mental ability to determine the right answer in her mind calculations. All of these outstanding accomplishments are achieved without taking any higher degree of education.

Devi has an immense passion for numbers, and that extended her interest in astrology too. Her strength of numbers was applied to the pursuit of astrological knowledge. She even impressed many with her astrology predictions about them. Devi has also expressed her passion for writing through books, which made her author of diverse genres. Her perseverance in aspiring to be famous emerged when she acknowledged her rare supreme talents and utilized them for good. Her presence was an honor to the country, and she will always be remembered as one of the greatest mathematician prowess.

Shakuntala Devi was a mathematician who cherished to simplify the magic of arithmetic calculations through her exceptional talent. Her wisdom and gifted personality have inspired millions of students all around the globe. Shakuntala Devi was born on 4th November 1929 in Bangalore, Karnataka. She had unparalleled talent in calculating complex mathematical numbers. She proved her exceptional talent in arithmetic maths through her math shows worldwide at a very tender age. Her excellent skill has brought her a renowned name as “Human-Computer.” Shakuntala Devi was also an author and showcased her wisdom through books on astrology, puzzles, and mathematics.

Webinar on “Psychology of Social Networking” hosted by the Psychology department

Daniel Antonio MP, 1st Year BSc PJC



The department of Arts and Science had organized a three day webinar from 19th of June to 21th of June on various themes. The 2nd day was taken over by the Dept. Of Psychology to lecture us about the importance of Psychology in Social Networking. The Guest Speaker was Ms.Farisha ATP. Ms. Farisha is an Academician from Chennai. She has qualified her NET exam and completed her Masters in Clinical and Counseling Psychology. She has 10+ years of experience. The webinar was hosted by

Daniel Antonio MP, 1st year BSc PJC. The session started with the introduction of the guest speaker by Ms.Soujanya Jairaj Asst.Prof. in Dept. Of Psychology. After the welcome speech, Ms.Farisha took over the mic. The students were thought various topics related to social media. They understood the advantages and disadvantages of social media and the numerous disorders brought about by overuse. The students were also

taught how to control their screen time and focus more the world outside their phone. The speaker also shared some real life examples she had come across in her research. Overall it was a very interactive session with the students sharing their own views on the topic and asking questions to clarify all their doubts. The session concluded with a vote of thanks by Nagaraj 3rd year BSc PJC to show our gratitude to the speaker, coordinators and the participants.

Image Source: SFC photo gallery

Guest lecture on “colour forecasting and textile implementation”

Hemavathi V , 1st Year BSC IDD

On Saturday July 1 ,2023 Department of interior designing and decoration conducted a seminar on “colour forecasting and textile implementation in interior”. The guest speaker for the day was Mr.shahul Hammed.M a fashion and graphic designer and also niftion .He is an aspiring fashion designer,with a knack for styling and research. His talents on the field of illustration in better understanding design and colour concepts that are a prerequisite for the industry .He also won many awards like best achiever-2016,best Illustraror-2016,

board of studies kongu arts and science college,Erode 2022 etc.His professional skills on fashion designing,research,draping,craft documentation,graphi -c design and fashion styling etc. The seminar started with a welcome speech by Ms.Amrutha Govindaraju , 2nd sem BSC IDD followed by a felicitation by Ms.Jayanthi, Assistant professor and HOD of interior design and decoration department. The session started with the introduction of the guest speaker and her experience over his career life, work, achievements over his

project's ,which is also related to interior design and decoration.Then the stage was taken over by Mr.Shahul Hammed .The session was very interactive and also very much useful to all students. He came up with new topics which helps us to work in new designs. The seminar was marked to a conclusion with a vote of thanks by Akshatha.P of 2nd sem BSC IDD.

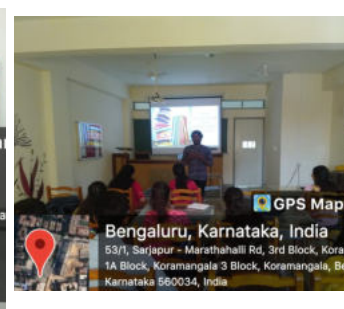
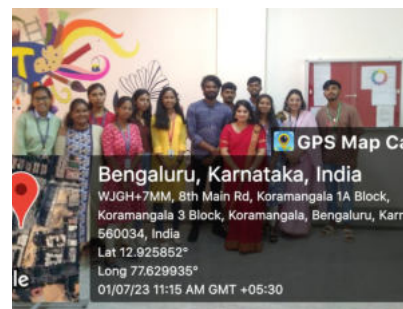
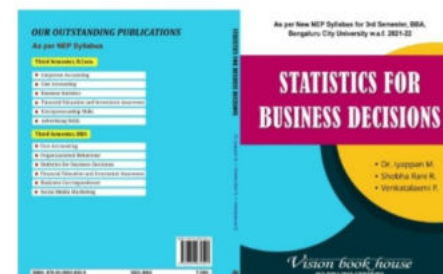
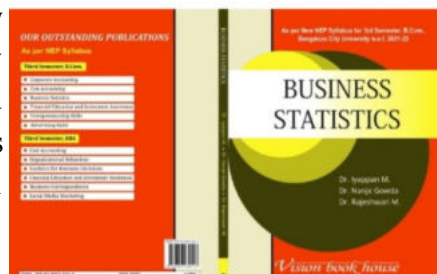


Image Source: Mr. Ranajeet, Assistant Professor

Faculty Book Publication

Dr. Iyappan M. ,Assistant Professor of Statistics

Department of Mathematics & Statistics faculty Dr. Iyappan M, wrote the books to suit the new curriculum of MBA & M.Com. Students and published it as a Statistics for Managers (Includes Computer Lab for SPSS) book in collaboration with Himalaya Publishing House.



Department of Mathematics & Statistics faculty Dr. Iyappan M, wrote the books to suit the new curriculum of NEP 3rd semester B.Com & 3rd semester B.B.A students and published it as a Business Statistics & Statistics for Business Decisions book in collaboration with Vision Book House.

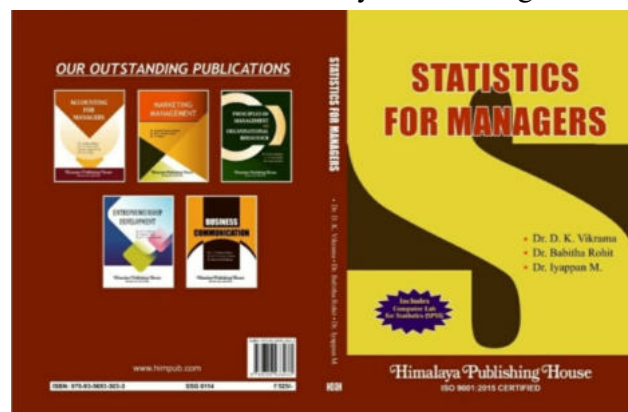


Image Source: Dr. Iyappan, Assistant Professor in Statistics

MATHEMATICAL LITERACY

A KEY TO COMPETENCY

Ms. Jincy , HOD & Assistant Professor in Mathematics

Students across geographies find the significance of mathematics ambiguous. They find it difficult appreciating the use of imaginary numbers or ways of solving integration problems in real life. As a Math educator, I have tried to persuade students when they have come to me with an extremely common inquiry like, “how are the concepts being taught in Math valuable to us in our lives?”. A stockbroker, product engineer, an innovator, a doctor, an author or an industrialist, pretty much every calling request some knowledge of mathematics. In the post covid world, the skills related to Math are even more significant to address problems encountered in daily life. Furthermore, the demands of problem solving skill in an occupation also balloon rapidly. The ‘New-Normal’ not only forces us to look beyond the common skills like communication, critical thinking, problem-solving etc but urge us to embrace competencies like innovation, collaboration, flexibility, adaptability, initiative, self-diversion, inclusiveness, cross-culture, productivity and accountability, leadership and responsibility and information and mathematical literacy

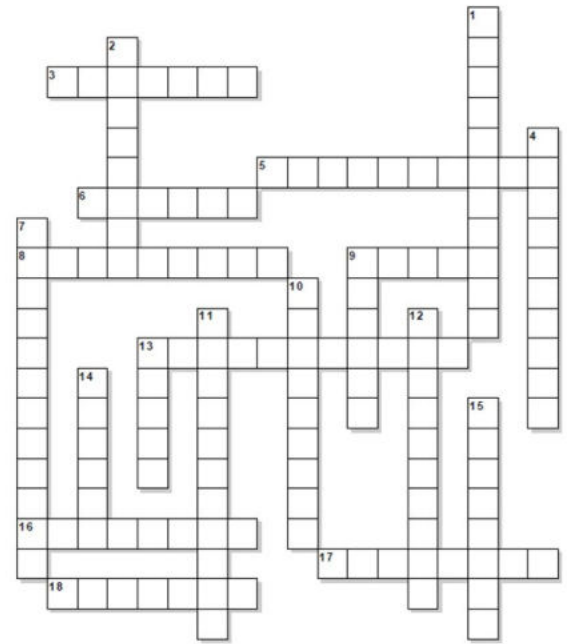
Indeed, the ubiquitous influence of math has forced everyone, even those with math-related tensions or fears, to experience its value in their lives. For example, in the case of utilizing estimations in a formula or gauging required amount of fuel to reach a destination, all use math. Thus, mathematical literacy is one of the components indispensable in new world skills

Mathematical literacy is appreciated only by a niche group even when masses make use of the skill in day-to-day life. From dictionary definition, “literacy” is described as the ability to read and write, and the competency or knowledge in a specified area. Programme for International Student Assessment (PISA) defines Mathematical literacy as a human being’s competence to formulate, employ and interpret mathematics in a variety of situations. Furthermore, everyone who is involved with practising or learning math is expected to communicate about mathematical theories or doctrines. This could be either through attempts to interpret.

Competency is referred to as an individual’s underpinning attribute that is related to effective and/or superior performance in a job. Likewise, Mathematical competence refers to characteristics of a person who, successfully conduct oneself through a wide variety of situations that calls for explicit or implicit mathematical challenges. The first competence underpins features of mathematical thinking, specifically structure and kinds of questions along with multifarious answers that are commonplace in mathematics. Skill to identify, present and work out mathematical questions is a main consideration for the next competency. The third competence comes due to involvement of mathematics in extra-mathematical domains. The fourth competency concentrates in those areas where mathematical claims, answers and solutions are established and defended by mathematical reasoning. Finally, mathematics has used a range of physical articles, instruments, or apparatus, to illustrate mathematical entities or to facilitate mathematical processes. Counting pebbles (abacus, rulers, compasses, slide rulers, protractors, drawing materials, charts, calculators and computers, are just a few examples. Therefore, educators need to consider imbibing mathematical literacy for dealing with problems encountered in a volatile world.

TEST YOUR INTELLECT

CROSSWORDS



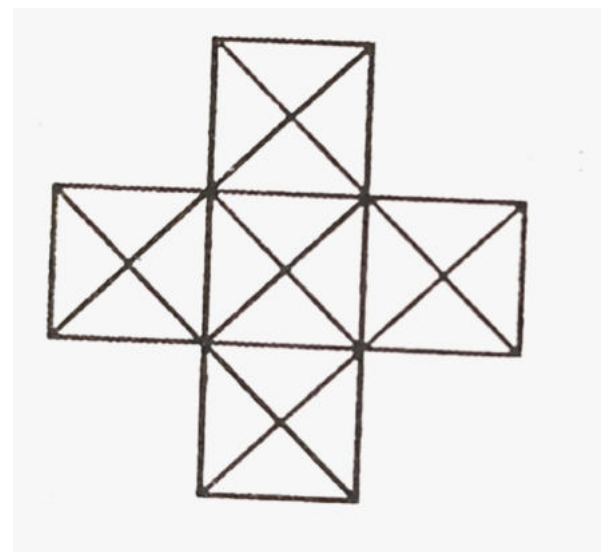
Across

- 3 The value or condition of an item that has been undone.
- 5 A statement that contains numbers and/or variables.
- 6 A number that is multiplied with another number.
- 8 To suggest an outcome based upon observations.
- 9 A measure of steepness.
- 13 A different arrangement.
- 16 A letter representing a value that may change.
- 17 A rule that when applied gives a predictable outcome.
- 18 To move back and forth.

Down

- 1 A number multiplied by a variable in an expression.
- 2 To find the value of an expression.
- 4 The state of being not equal.
- 7 The process of allocating an item to each member of a set.
- 9 A set of similar objects.
- 10 The point at which two lines intersect.
- 11 The measurement of how likely an event is in increments from 0% to 100%.
- 12 Items that have the same measure and shape.
- 13 An argument that offers an inescapable conclusion.
- 14 A line that has no curve.
- 15 The state of being equal.

HOW MANY TRIANGLES ARE THERE ?



Possible Answers:
Coefficient, Commute, Congruence, Distributive, Equality, Evaluate, Inverse, Linear, Permutation, Factor, Function, Inequality, Inference, Intercept, Inverse, Linear, Permutation, Probability, Proof, Slope, System, Variable

Satva Club,organized a seminar on "Experiments and Assessment"

Meera Jasmine, 2nd Year BSc (PJC)



Image source: Nagaraj, 3rd year BSc (PJC)

On 19th may department psychology organized the guest lecture on "Experiment and Assessment in Psychology". The orator for the day was Dr.Anurekha T.K Academician of Christ University, Bangalore. The guest lecture commenced with the welcome speech and introduction of the guest of Honor by Ms. Soujanya Jairaj,Assistant professor, Department of psychology.After the welcome speech, the stage was taken over by Ms.Anurekha.The lecture began with a story. The guest spoke about experiments of psychology like Albert bandura's bobo doll experiment, John Watson's little Albert and Ivan Pavlov's classical conditioning. And also the guest stated about why should a psychologist do a Assessment ?

and why should an individual assess by themselves? The lecture continued with the components of scientific assessment, types of psychological test like Intelligence test, Ability test and personality test etc. And also she spoke about the terminologies in psychological experiments which included the different tools like questionnaire,test,checklist,ips ative test and also included precautions,instructions and scoring in experiments. She ended her lecture by giving tips and techniques to conduct and experiment in psychology. The session was useful, interactive and engaging to the students.The session concluded by vote of Thanks behalf Department of psychology by Daniel Antonio student of 2nd sem BSc (PJC)

SITE VISIT TO 'IKEA'

Hemavathi V. & Amurutha Govindaraju , 1st year BSc IDD



On Friday January 20,2023 Department of Interior designing and decoration and Bachelors of visual arts visited the IKEA Bangalore. The IKEA vision is "To create a better everyday life for many people". IKEA business idea is to offer a wide range of well designed ,functional home furnishing products at prices low that as many people as possible will be able to afford them.

We learnt how to create spatial arrangements and how to balance the space by the furnitures .We also saw home décor products ,lightings ,fabrics related to interiors. We also explored our ideas .The IV to the IKEA was very useful and it was helpful for getting into designing field.



Image Source: SFC photo gallery

Industrial visit to the Museum of Arts and Photography

Hemavathi V. & Amurutha Govindaraju , 1st year BSc IDD

On Wednesday June 28,2023 Department of Interior designing and decoration and Bachelors pf Visual arts visited for Museum of art and photography. MAP is one of the first digital art and museum in . .

India providing unlimited access to the world of Indian art and culture.The museum of art and photography is a private art museum based in Bangalore, India that is custodian to a collection of

Indian art ,textures, photography, craft and design objects. We saw many art works ,design, sculptures of god and photography. There were much fun and more information about the art and photography. Every single artworks



gives depth of information to the visitors



Image Source: SFC Photo gallery

Mental health does matter and it's quite imperative !!

Ms. Soujanya Jairaj , Assistant Professor in Psychology



Image source : canva photo gallery

We live in a society where people are okay with addressing physical illness but on the other hand , mental distress and illness are neglected. It is quite imperative to have a mental well being in order to be physically fit. Mental health plays a vital role in enhancing our overall health with respect to various parameters like the physical aspects, psychological aspects and social aspects as well. These three aspects play a crucial role in acquiring overall mental health wellbeing. Awareness regarding mental health does have a great impact with understanding the mental illnesses and the distress that is caused depending on the various mental health disorders that people are prone to having issues with. There are quite a few mental health disorders that people are diagnosed with on a large level and they are like Depression, Anxiety , OCD , PTSD, etc. We tend to see people misinterpreting mental illnesses during casual normal conversations like I'm so depressed, I'm OCD about

and so on. These mental terms are quite serious issues that need professional's mental help and addressing mental health disorders without having the awareness or knowledge about it is truly disheartening. The misconception about mental illness needs to be eradicated and there must be measures to start ahead with more mental health campaigns and awareness programs on a societal level that needs to be encouraged for better understanding and for a healthy mental well being as well. Mental health helps us to cope up with the stresses of life, to be physically healthy, to have good and purposeful relationships in life, to get on with work even more productively, helps in understanding one's true

of yourself , to slow down the stresses of life by incorporating with healthy habits and Mental health is hugely related to physical health as if a person's mental health is hindered there could be possible consequences of the person having physical illnesses like heart related diseases, fatigue that affects effective daily functioning , poor sleep and appetite routines and other chronic illnesses that the individual could be prone to having issues with. Self care plays an imperative role in making up a healthy well-being in terms of physical , mental and social aspects as well. Self care does

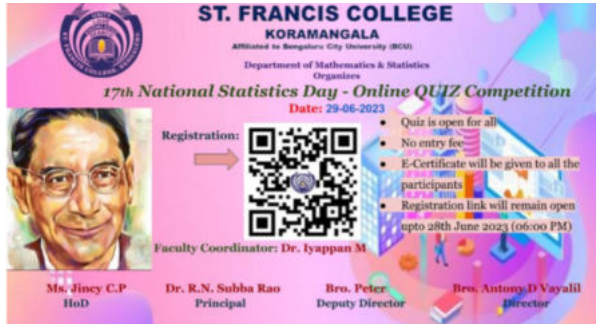
helps us to take care of yourself , to slow down the stresses of life by incorporating with healthy habits and behaviours, self-care also indulges us to greater understanding of self importance and it does lower the risk of illnesses and helps us to engage in healthy behaviours that can lead us to increase energy with reduction of fatigue, with good emotional regulation, to cope up with resilience towards adversities and challenges that we tend to face in the society , also to be mindfulness about the present and to be hopeful towards upcoming fruitful days in life. Positivity does help a lot with optimistic thinking and elevates one's distress and helps people to think positively and engage in gratitude. On the whole mental health is very essential and crucial for a healthy living. Mental health is as important as physical health. Mental health needs to be given more attention and awareness . People should be given better understanding regarding mental health and to lessen the misconceptions about mental health.

National Level E-QUIZ

Image source : Google images

Dr. Iyappan M. ,Assistant Professor of Statistics

Department of Mathematics & Statistics, organized Prof. P.C. Mahalanobis Memorial Online Quiz Competition to celebrate 17th National Statistics Day on 29th June 2023. National Statistics Day is observed on 29 June every year in India. This day commemorates the birth of the legendary Indian statistician, P.C. Mahalanobis. Every year on National Statistics Day, the government of India conducts several activities, seminars, etc. to mark the day. The quiz consists of 10 questions based on real life statistics applications and students from



all courses can participate in the event . Prior to the quiz, students had to register online through the link. E-Certificate was provided for participation. People from different state participated in this quiz and 1344 students across India participated in the event. States which came to the events were from Karnataka, Tamil Nadu, Kerala, Andhra Pradesh, Jharkhand, West Bengal, Pondicherry, Odisha, Bihar, Telagana, Gujarat, Punjab, Delhi, Maharashtra, Rajasthan, TRIPURA, Nagaland, Madhya Pradesh, Lucknow, Jammu and Kashmir, Assam, Munich.



SNAPS

DRAWING COMPETITION PHOTOGRAPHS

CLASS DECORATION PHOTOGRAPHS

