



Dr. N.G.P. ARTS AND SCIENCE COLLEGE

An Autonomous Institution, Approved by Government of Tamil Nadu
Affiliated to Bharathiar University, Coimbatore. Re-accredited by NAAC with 'A' Grade

Coimbatore - 641 048

News Letter 2017 - 18

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Department of Mathematics with Computer Applications

Vision

- To create a new learning environment that will encourage mathematical intelligence.
- To use the mathematical knowledge for problem solving and exploring subjects by using multiple representations of the mathematical content.

Mission

- To motivate the students in upgrading their interest in contemporary mathematical techniques.
- To strengthen the students analytical abilities in the field of mathematics.

FACULTY PUBLICATIONS

- Dr. B. Satheesh Kumar & Ms. G. Nagalakshmi has published a paper entitled "A Comparative Study on ZSM and LCM in Fuzzy Transportation Problem" in the Global journal of Pure and Applied Mathematics with ISBN No. 0020-7403 on the month of July 2017.
- Dr. P. Umadevi has published a paper entitled "Convection in a sinusoidally heated square enclosure utilizing Ag water nano fluid with heat generating solid body" in the International Journal of Mechanical Sciences, 0020-7403 in the month of August 2017.

FACULTY ACHIEVEMENT

- Mrs.S. Gokilamani has passed State Level Eligibility (SET) exam in the month of February 2017 conducted by Mother Teresa University, Kodaikanal, Tamilnadu.

$$=a^2+2ab+b^2$$

$$=a^2-2ab+b^2$$

$$=a^3+3a^2$$



SEMINARS PARTICIPATED/PAPERS PRESENTED BY THE FACULTY

- Mr. S. Ramesh Kumar has participated in a workshop titled "Real Analysis" held during 22.06.2017 & 23.06.2017 at Vellalar College for Women, Erode.
- Mrs. S.Gokilamani has participated in a workshop titled "Data Analytics using R - software" held on 14.07.2017 and 15.07.2017 at Bannari Amman Institute of Technology, Sathyamangalam.
- Dr. P. Umadevi has participated in a National Conference titled "Computational Biology" held on 07.09.2017 at Bharathiar University, Coimbatore.
- Dr. B. Satheesh Kumar has participated in a National Seminar titled "Recent Trends in Pure and Applied mathematics" on 15.10.2017 at Karpagam University.
- Dr. B. Satheesh Kumar has participated in a Workshop titled "Quality Assurance and Sustenance: Need for Strategic planning" on 05.01.2018 and 06.01.2018 at Central University of Tamilnadu.
- Dr. B. Satheesh Kumar has participated in a National Seminar titled "Stochastic Modeling & Optimization Methods" on 30.01.2018 and 31.01.2018 at Pondicherry University.
- Dr. S. C. Palaniswami has participated in an International Conference titled "Indian Society of Industrial and Applied Mathematics" held on 02.02.2018 to 04.02.2018 at Guru Nanak Dev University, Amritsar.
- Dr. S. C. Palaniswami has participated in an International Symposium titled "Computational Science and its Applications" held on 05.02.2018 & 06.02.2018 at Sharda University, Greater Noida.
- Dr. S. C. Palaniswami, Ms. G. Nagalakshmi, Ms. K. Vidhyapraba, Mr. S. Ramesh Kumar and Mr. C. Siva Kumar have participated in a Faculty Development Program titled "R - Programming" held on 16.02.2018 at PSGR Krishnammal College for Women.
- Mrs. S. Gokilamani has participated in a DBT Sponsored Two Day Workshop titled "Discrete Mathematics and its Applications" held on 21.02.2018 and 22.02.2018 at Vellalar College for Women, Erode.
- Dr. S. C. Palaniswami has participated in a National Conference titled "Recent Trends in Applied Mathematics" held on 02.03.2018 & 03.03.2018 at Bishop Heber College, Tiruchi.
- Dr. S. C. Palaniswami has participated in a workshop titled "Science Academies Lecture Workshop on Applicable

Mathematics 2018" held on 05.03.2018 and 06.03.2018 at Hindusthan College of Arts and Science.

- Mrs. S. Gokilamani has participated in UGC SAP Sponsored a National workshop titled "Graph Coloring & Algebraic Graph Theory" held on 06.03.2018 and 10.03.2018 at Pondicherry University, Puducherry.
- Dr. S. C. Palaniswami has participated in an International Conference titled "Applied Analysis, Mathematical Modeling & Computing techniques" held on 15.03.2018 and 17.03.2018 at The Gandhigram Rural Institute, Dindigul.
- Mrs. S. Gokilamani has presented a paper in a Conference on the topic "A property of eigen vectors of non negative symmetric matrices and its application to graph theory" held on 06.03.2018 and 17.08.2017 and 18.08.2017 at Bharathidasan College of Arts and Science.
- Mrs. S. Gokilamani has presented a paper in a Seminar on the topic "A study on planar digraphs without large acyclic sets" held on 15.09.2017 at Karpagam University.
- Dr. P. Umadevi has presented a paper in a Seminar on the topic "Conversion in a differently heated enclosure with heat generating solid body" held on 15.09.2017 at Karpagam University.
- Dr. B. Satheesh Kumar has presented a paper in a Seminar on the topic "Solving linear programming problem using MS Solver" held on 15.09.2017 at Karpagam University.
- Mr. C. Sivakumar has presented a paper in a Conference on the topic "Fuzzy logic in Control Theory" held on 23.09.2017 at KG College of Arts and Science.

ONLINE COURSES

- Faculty Members have Completed around 15 Online Course during the year 2017-2018 in UDEMY & NPTEL
- Around 136 students have completed their Online Course during the year 2017-2018 in UDEMY & NPTEL

SEMINARS PARTICIPATED/PAPERS PRESENTED BY THE STUDENT

- R. Sowmiya & N. Keerthana of II. B.Sc. Maths (CA) have presented a paper and won the Third prize in a National Conference on the topic "Optimization Techniques and its Applications" at Bharathidasan College of Arts and Science, held on 17.08.2017 and 18.08.2017.
- V.Vennila, R.Sowmiya, P.M.Pranesh, D.Gowtham nachimuthu, N.Navin kumar, P. Maheshathavn & N. Keerthana of II. B.Sc. Maths (CA) have participated in a National Conference on the topic "Optimization

Techniques and its Applications” at Bharathidasan College of Arts and Science, held on 17.08.2017 and 18.08.2017.

- N. Navin kumar & V. Vennila of II. B.Sc. Maths (CA) have presented a paper and won the Second prize in an International Conference on the topic “Recent Trends in Mathematical Modeling” at Bharathidasan College of Arts and Science, held on 28.08.2017.
- E. Pavithra, D. Muthuselvi & Y. Sujitha of II. B.Sc. Maths (CA) have participated in an International Conference on the topic “Recent Trends in Mathematical Modeling” at Bharathidasan College of Arts and Science, held on 28.08.2017.
- N. Keerthana of II. B.Sc. Maths (CA) has presented a paper and won First prize in IGNITE - 2017 at Rathinam College of Arts and Science, held on 29.12.2017.
- E. Sathish kumar, P. A. Anupama, Y. Sujitha, G. Sadhana, G. Maheswari, N. Keerthana, N. Navin kumar and R. Sowmiya of II B.Sc. Maths(CA) V. Vennila, D. Gowtham Nachimuthu, R. C. Rahul, P. Mahesh Athavan and S. Pooja of III B.Sc. Maths (CA) have participated in a National Seminar on the topic “Recent developments in Pure and Applied Mathematics” held on 15.09.2017 at Karpagam University.

STUDENTS' ACHIEVEMENTS

- P.M. Pranesh & P.Nalini of II. B.Sc. Maths (CA) have won Second Prize in Tamil Oratorial at Coimbatore Book Fair Festival -2017 in Coddisia held on 22.07.2017.
- R. Atchaya, and S. Pradeepa of I B.Sc. Maths (CA) have participated in the state level Drawing competition in “Kaviarasar kalai tamil sangam” at Namakkal District held on 15.08.2017
- C. Karthigaa of II. B.Sc. Maths (CA) has passed in Type writing English Junior Grade exam conducted by the Govt.of Tamilnadu Department of Technical education on August 2017.
- N. Keerthana of II. B.Sc. Maths (CA) has won Third Prize in an International Conference on Advances in Applicable mathematics (Poster Presentation) at Bharathiar University held on 07.12.2017 and 08.12.2017.
- Jovina Varghese of I B.Sc. Maths (CA) has participated in “Celestial 2018” at Dr N.G.P. Arts and Science Collge, Coimbatore held on 20.12.2017.
- D. Rubandas, B. Bhuvanesh, R. Ashok, S. Haribharathi of I B.Sc. Maths (CA) and P. Nalini of III B.Sc. Maths (CA) have won Second Prize in Varsity Show, YUGAM - 2018 at Kumaraguru College of Technology held on 05.02.2018

and 10.02.2018.

- D. Rubandas, B. Bhuvanesh, R. Ashok, S. Haribharathi, C.Naveen Kumar and A. Kaveen, of I B.Sc. Maths (CA) have won Third Prize in Variety Entertainment, PRANAYA-2K18 at Karpagam Academy of Higher Education held on 23.02.2018.
- D. Rubandas, B. Bhuvanesh, R. Ashok, S. Haribharathi, C. Naveen Kumar and A. Kaveen of I B.Sc. Maths (CA) have won Third Prize in Variety Entertainment, Euphoria'18 at PSG College of Arts and Science held on 03.03.2018.
- B. Madhubala, S. Pradeepa, T. Sowndharya, and T. Muthuselvi of I B.Sc. Maths (CA) have participated in NSS Camp at Verriampalayam Village on 01.02.2018 to 07.02.2018.

HIGHLIGHTS

- Bridge Course is being conducted in Basic Mathematics for nearly 600 Non-Mathematics students every year for all the departments (Commerce Streams).
- The Bridge course was held for Non-Mathematics students of B.Com CA from 16th June 2017 to 23rd June 2017.
- The Bridge course was held for Non-Mathematics students of B.Com PA from 19th June 2017 to 23rd June 2017.
- The Bridge course was held for Non-Mathematics students of first year B.Com IT, BBA CA, B.Com BPS, B.Com BA from 24th June 2017 to 01st July 2017
- A Guest Lecture on “Graph theory and its Applications” was delivered by Dr. U. Mary, Associate Professor in Mathematics, Nirmala College for Women, Coimbatore on 29th June 2017
- A guest lecturer on “Myths in Mathematics” was delivered by Dr.K. Thilagavathi Associate Professor (Retd.), Kongunadu Arts and Science College Coimbatore on 03rd July 2017
- A Guest Lecture on “Applied Statistics” was delivered by Dr. G.UMA (Former RJD), Dean - Mathematical Sciences, PSG College of Arts and Science, Coimbatore on 18th July 2017.
- A Guest Lecture on “Fundamentals of Algebra and Analysis” was delivered by Dr. L. Lakshmanan (Former RJD), Dean- Mathematical Sciences, PSGR Krishnammal College for Women, Coimbatore on 13th July 2017
- **A state level 'Inter Collegiate Competition** : MATH FEST-2017 was organised on 23.08.2017. Funtion was

inaugurated by Our Principal, Dr. P. R. Muthuswamy. More than 200 students have participated in and around Tamilnadu.

- A One day Workshop on “Scilab - An Open Source Tool Equivalent to Matlab” on 23.09.2017 was delivered by Dr. T. SENTHIL KUMAR, Associate Professor of Computer Science, Amrita University, Coimbatore.
- The INSA, IASc, and NASI Sponsored Science Academic

Lecture Workshop on “Mathematical Biology” was held on the 7th and 8th of December 2017.

- An One day National Conference on “Opportunities and Challenges of Operations Research in Health care” was held on 9th February 2018
- A Guest Lecture on “Myths of GST” was delivered by Dr. R. Chandrasekaran Assistant Professor of Finance, Dr. N. G. P. Arts & Science College, Coimbatore, on 09.03.2018.

Our Department Placed Students List - (2015 - 2018)

S.No.	NAME	1	2	3	4	5	NO OF OFFERS
1.	S.Abilash	IDBI Federal	-	-	-	-	1
2.	M.Angelin Nivetha	JustDial	Access Healthcare	Infosys	Focus Edumatics	-	4
3.	V.Arthi	Hindhuja Global Solutions	Brightstar	Focus Edumatics	-	-	3
4.	N.Arunthadhi	Hindhuja Global Solutions	-	-	-	-	1
5.	P.Jayarajalakshmi	Access Healthcare	Infosys	Focus Edumatics	Wipro	-	4
6.	A.Keerthana	Access Healthcare	-	-	-	Wipro	1
7.	R.Mable Salomi Steffigraf	KGISL	Access Healthcare	Infosys	Focus Edumatics	-	5
8.	S.Malini Devi	Hindhuja Global Solutions	-	-	-	-	1
9.	K.Mano Revanth	Hindhuja Global Solutions	TnQ	-	-	-	2
10.	R.Manonmani	Infosys	-	-	-	-	1
11.	S.Marimuthu	Hindhuja Global Solutions	-	-	-	-	1
12.	D.Muthuselvi	Access Healthcare	IDBI Federal	-	-	-	2
13.	G.Mythili	Brightstar	-	-	-	-	1
14.	P.Nalini	Brightstar	Hindhuja Global Solutions	-	-	-	2
15.	S.Nithinja	Hindhuja Global Solutions	-	-	-	Focus Edumatics	1
16.	E.Pavithra	CapGemini	Infosys	Oppo	Wipro	-	5
17.	R.Prejisha	Hindhuja Global Solutions	-	-	-	-	1
18.	A.Rahul	Focus Edumatics	TnQ	-	-	-	2
19.	S.RangaSri	Hindhuja Global Solutions	-	-	-	-	1
20.	S.Sathya	Hindhuja Global Solutions	IDBI Federal	-	-	-	2
21.	M.Sowmiya	Winners Education	-	-	-	-	1
22.	E.Sathish Kumar	Exide Insurance	Tnq	-	-	-	2
23.	P.A.Anupama	Cognizant	-	-	-	-	1
24.	T.Suganti	Wipro	-	-	-	-	1
25.	R.Vishvarathy	Future Generali Life Insurance	AEEY BEEY Academy	-	-	-	2

FUTURE PLAN

- Encourage the students and faculty members to complete at least 2 online courses through NPTEL or SWAYAM.
- Conduct Placement Readiness Programmes for both final year and second year students to improve the placement.
- Motivate the students to join in the various club activities to develop Extra/Co- curricular activities.
- Provide Online Learning Resources to students by Flipped Class Room technology.
- Improve the Library Utilization by both Student and faculty.
- Provide Hands on Training Mathematical software workshop.
- Encourage the individual innovators to submit proposals for financial support by DSIR 'Promoting Innovations in Individuals, Start-ups & MSME's (PRISM)'.
 - Motivate the Students to attend Annual Foundation Schools / Advanced Training Mathematics Schools Programs Sponsored by NBHM.
 - Train the students to use Free Mathematical Software's such as Math Editor, Compiocalc, SpeQ Mathematics, Geogebra and xFunc.

Dr. N. G. P Arts and Science College (Autonomous)

Coimbatore - 641 048

Department of Mathematics with CA



Guest Lecture by Dr. U. Mary, Associate Professor, Nirmala College for Women on 29.06.2017



One day Workshop on Discrete Mathematics by Dr. K. Thilagavathi, Associate Professor in Mathematics (Retd.) Kongunadu Arts and Science College on 26.09.2018



State Level Intercollegiate Meet "NGP MATHFEST 2017" on 23.08.2017



One day workshop on Sci-lab



National Conference on Opportunities and Challenges of Operations Research in Health Care on 9th February 2018



Industrial Visit at UTL Technologies, Bangalore. on 27.01.2018



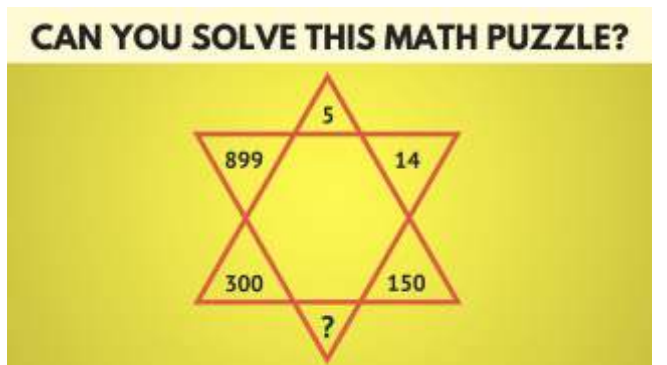
Extension Activity for III B.Sc. Maths(CA) Students at Veerampalayam



Extension Activity for III B.Sc. Maths(CA) Students at "The United Home For Adult and Mentally Ill & Abandoned Aged Mothers"

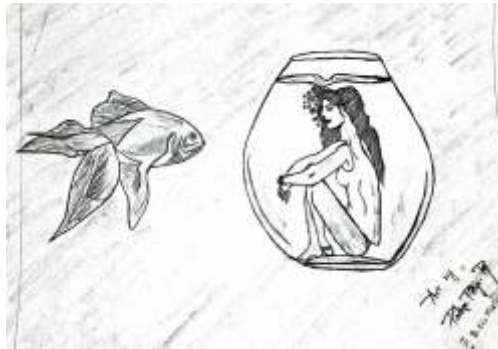
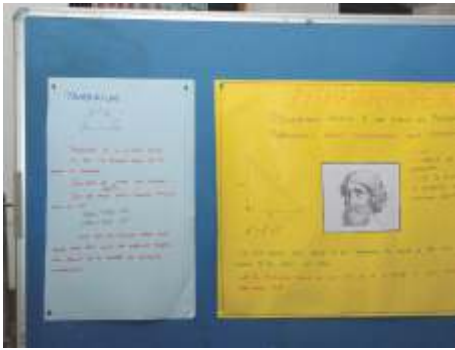
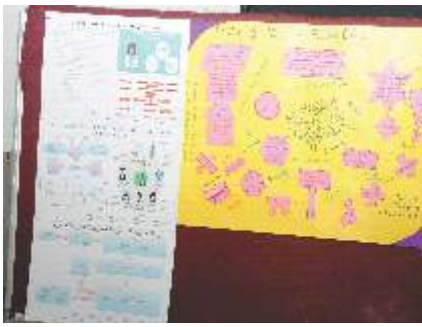


Math Modeling on National Conference on Opportunities and Challenges of Operations Research in Health Care on 9th February 2018

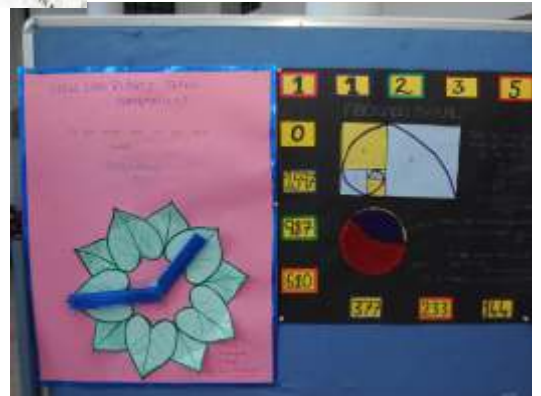


Ms. SREE SUBHA
I.B.Sc. MATHS(CA)

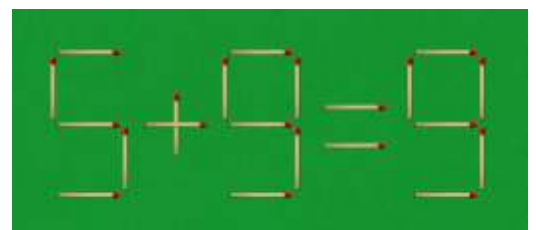
Notice Board Activity by our Students



Ms. Sathyapriya
I B.Sc. Mathematics with CA



Drag only one stick  to make equation correct.



Ms. JOVINA VARGHESE,
I B.SC. MATHEMATICS WITH CA



Dr. N.G.P. ARTS AND SCIENCE COLLEGE (AUTONOMOUS)

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