



Dr. N.G.P ARTS AND SCIENCE COLLEGE

An Autonomous Institution Affiliated to Bharathiar University

Re-Accredited by NAAC with 'A' Grade

COIMBATORE - 641 048.

PATRONS

Dr. Nalla G Palaniswami

Chairman

Dr. Thavamani D Palaniswami

Secretary

DR. P.R. Muthuswamy

Principal

EDITORS

M. Revathy

Department of Mathematics with CA

R. Anandhi

Department of Mathematics

Newsletter 2015 - 2016

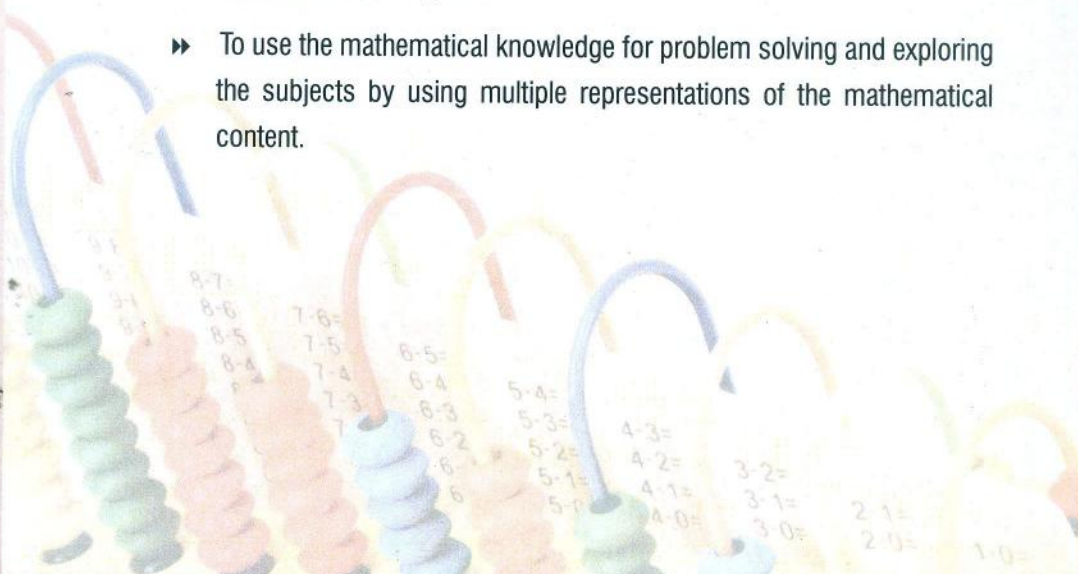
Department of



"The essence of Mathematics is not to make simple things complicated, but to make complicated things simple."

VISION

- ▶ To create a new learning environment which will encourage mathematical intelligence.
- ▶ To use the mathematical knowledge for problem solving and exploring the 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.

BRIDGE COURSE

The Bridge course was held for 700 Non-Mathematics students of 1st year UG from other disciplines between 15th June to 17th June 2015 for commerce, 22nd June to 24th June 2015 for bioscience and 22nd June to 24th June 2015 for science students.

REMEDIAL COURSE

The Remedial course for our students with arrear papers in odd semester was held during 1st July to 30th September 2015 from 3.30 pm to 4.30 pm and for the even semester the course was held during 1st February to 31st March 2016.

FACULTY PUBLICATIONS

- » Mrs. S. Gokilamani, Mrs. S. Manimekalai, Mrs. M. Revathy and Mrs. R. Anandhi have published a paper entitled "Using Pde Mathematical Model for Aerodynamics of Lifting Surfaces in Non - Uniform Motion" in IJSRM December 2015 (vol 3, issue 12) pp - 3798-3805
- » S. Eswaramoorthi has published a paper entitled "Effect of radiation on MHD convective flow and heat transfer of a viscoelastic fluid over a stretching surface" in PE 2015 (Vol 127) pp-916-923 1877-7058.

SEMINARS PARTICIPATED/PAPERS PRESENTED BY THE FACULTY

- » All the faculty members have participated and presented papers in the National Conference on "Emerging Trends in Pure and Applied Mathematics" held on 14th & 15th September 2015 at Dr. N.G.P Arts and Science College, Coimbatore.
- » Mr. S. Eswaramoorthi have presented a paper entitled "Effect of radiation on MHD convective flow and heat transfer of a viscoelastic fluid over a stretching surface"

in the International Conference at NIT held on 30th Nov - 2nd Dec 2015.

- » S. Gokilamani, S. Manimekalai, M. Revathy have presented a paper in the National Conference on "Using PDE for Aerodynamics of lifting surfaces in Non-Uniform Motion" at KG CAS on 20th Feb 2016.

MEMBERSHIPS IN PROFESSIONAL BODIES

- » Mrs. S. Gokilamani, Mrs. S. Manimekalai, Mrs. M. Revathy, Mrs. R. Anandhi, Mrs. V. Renukadevi, Ms. Tessy Cardoz & Mrs. P. Malarvizhi have joined as life time members in "The Association of Mathematics Teachers of India (AMTI)".

FACULTY CERTIFICATIONS

- » S. Manimekalai has been certified with an online course on SQL Access for Hadoop (Big SQL v4) and Big Data Fundamentals
- » M. Revathy has been certified with an online course on Data science Methodology
- » Mrs. S. Manimekalai, & Mrs. P. Malarvizhi have been certified with an online course on "Experimental Psychology".
- » Mrs. P. Malarvizhi has been certified with an online course on "March Mathness".
- » Mrs. V. Renukadevi has been certified with an online course on "Math is everywhere: Applications of Finite Math".

STUDENTS' ACHIEVEMENTS

- » R. Mable salami steffigaf, R. Nandhini, P. Jayalakshmi, M. Angelin Nivetha, S. Gowthami and A. Sofia Amala Rani have won 2nd prize for group dance in Kaamadhenu Arts and Science College in an Inter Collegiate Meet held on 10.02.2016.
- » C. Madhumila and M. Sreedevi have won 3rd prize for Math Sketching in Kaamadhenu arts and science college in an Inter Collegiate Meet held on 10.02.2016.
- » R. Malarvizhi and V. Harshini have won the 1st prize for

Math Sketching in Dr.SNS Rajalakshmi College of Arts and Science in an Inter Collegiate Meet held on 12.01.2016.

- » S.Narmatha and M.Nethra have won the 1st prize for Debugging in our college in an Inter Departmental Meet held on 10.07.2015.
- » N.Nivetha and V.Keerthana have won the 2nd prize for Math Nexu in Sri Krishna Arts and Science College in an Inter Collegiate Meet held on 22.01.2016.
- » S.Nishitha and V.Keerthana have won the 1st prize for Poster Presentation in our College in an Inter Departmental Meet held on 08.01.2016.
- » S. Nishitha has won the 2nd prize for Poster Presentation in our College in an Inter Departmental Meet held on 29.09.2015.
- » R.Hari Priya and N.Nivetha have won the 2nd prize for Thumbs Up in our College in an Inter Departmental Meet held on 29.09.2015.
- » V.Brindha and T.Kiruthika have won the 2nd prize for Paper presentation in our College in an Inter Departmental Meet held on 29.09.2015.
- » A.Sathya Moorthy and S.Pavithra have won the 1st prize for Knock It Out in our College in an Inter Departmental Meet held on 29.09.2015.
- » A.Sathya Moorthy and S.Pavithra have won the 1st prize for Watch and Talk in our College in an Inter Departmental Meet held on 29.09.2015.
- » T.Mum Moorthy has won the 3rd prize for Tamil Speech in our College in an Inter Departmental Meet held on 09.09.2015.
- » Ms. Krishna priya has been certified with an online course on Introduction to HTML, HTML Workshop and Java -The Beginners series.
- » Mr. Sathish Kumar.D has been certified with an online course on Hacking B2B saas.Fundraising and Web development-login page demo with ASP.net and MYSQL
- » Mr. Sri baarath.J has been certified with an online

course on HTML forms for beginners, java Database and connection, Bigdata and Hadoop Essentials and Hacking B2B saas.Fundraising.

- » Ms. Sajitha Chandran has been certified with an online course on Citizen journalism.
- » Mr. Sachin.R has been certified with an online course on Java - The Beginners series and the Learn SAP MDG from master data.
- » Ms. kireethika.T has been certified with an online course on java Design patterns Architecture.
- » Ms. K.Shanmuga priya has been certified with an online course on Long Exposure photograph:shoot by your own stunning and The Effective time management.
- » Ms. Brindha.V has been certified with an online course on Lean canvas.
- » Ms. Nivetha has been certified with an online course on The original Recipe Step by Step, how to use templates for beginners.
- » Ms. Nishitha.S has been certified with an online course on the dark chocolate cocktail, Crochet for beginners, Easy origami at the craft Academy.
- » Ms. Keerthana keethu has been certified with an online course on Tech-chrome Extension, Word press for beginners.
- » Ms. Priyanka.S has been certified with an online course on Short and Sweet, baseball database Queries, simple linear regression.
- » Ms. Divya Surendran.PS has been certified with an online course on A mini course on better reading, Achieve more in less time using smart goal, The facebook marketing.
- » Ms. Divya Philip has been certified with an online course on Master your mac, SEO for beginners.
- » Ms. Sabiya.F has been certified with an online course on Ableton live Introduction.
- » Ms. Surya Prabha has been certified with an online course on Algebra for A level maths, Scarping and data mining for beginners and pros.

- » Ms. Ranjani.T has been certified with an online course on Bigdata basic and Hadoop.
- » Ms. Priya.k has been certified with an online course on SEO for beginners.
- » Ms. Vinitha.C has been certified with an online course on Algebra for A level maths.
- » Ms. Sowmiya has been certified with an online course on Bigdata basic and Hadoop.
- » Ms. Aiswarya.B has been certified with an online course on Master polite English.
- » Ms. Vanitha Ravichandran has been certified with an online course on Introduction to artificial Intelligence.
- » Ms. Mounika.R has been certified with an online course on Scarping and data mining for beginners and pros.
- » Ms. A.Gracy has been certified with an online course on content marketing.
- » Ms. Sabitha.C has been certified with an online course on how to build a letter box.
- » Ms. Sahana princy has been certified with an online course on Rock paper scissors-python tutorial.
- » Mr. L.Dhanusha Kumar has been certified with an online course on music industry Crash.
- » Mr. Sathish Kumar.G has been certified with an online course on Fruits and veggies:from healthy snakes to weight loss hacks.
- » Ms. M.Shiyamala has been certified with an online course on Character Design and story polish.
- » Ms. Hemalatha has been certified with an online course on Wagara Decorative painting for beginners.
- » Ms. M.Saranya has been certified with an online course on learn to design a letter head.
- » Ms. G.Indhumathi has been certified with an online course on targeted networking.
- » Ms. Ramya.P has been certified with an online course on introduction to piano.
- » Ms. M.Janaki has been certified with an online course

on conformation Dialog/message with j Query.

- » Ms. R.Nandhini has been certified with an online course on photoshop for webdesigning.

HIGHLIGHTS

- » A Guest Lecture on Control Theory and its Applications was delivered by Dr. K. Balachandran Professor and Head Department of Mathematics Bharathiar University Coimbatore, on 09.06.2015.
- » A Guest Lecture on Applications of Pure Mathematics was delivered by Dr. S. Somasundaram Professor and Head Department of Mathematics Manonmaniyam Sundaranar University Tirunelveli, on 11.06.2015.
- » A Guest Lecture on Importance of Mathematics in Society was delivered by Dr. R. Uthayakumar Professor Department of Mathematics The Gandhigram Rural Institute - Deemed University Gandhigram, on 11.06.2015.
- » A Visit to Regional Science Center Coimbatore was organized by department of physics to I B.Sc Mathematics students on 25.06.2015.
- » A Guest Lecture on Advanced Features in Microsoft Office was delivered by Mr. E. Sivaram Assistant Professor Department of Computer Science Dr. N.G.P. Institute of Technology Coimbatore, on 03.07.2015.
- » A two days National Conference on "Emerging Trends in Pure and Applied Mathematics" was organised on 14.09.2015 and 15.09.2015. The following were the resource persons who made the conference indelible, Dr. K. Balachandran Professor and Head Department of Mathematics Bharathiar University Coimbatore; Dr. M. Sankar Professor and Head Department of Mathematics East Point College of Engineering and Technology Bangalore; Dr. M. Marudai Professor and Head Department of Mathematics Bharathidasan University Tiruchirappalli; Dr. A. Nagoor Gani Associate Professor Jamal Mohamed College Tiruchirappalli; Dr. C. Kailasam Former Professor & Head Department of Physical Sciences & IT Tamil Nadu Agricultural University Coimbatore; Dr. K. Sangavai Assistant

Professor Department of Mathematics PSG College of Technology Coimbatore; Dr. R. Sudha Assistant Professor Department of Mathematics Dr. N.G.P. Institute of Technology Coimbatore; Dr. A. Anguraj Associate Professor Department of Mathematics P.S.G. College of Arts and Science Coimbatore.

- ▶▶ A two day workshop on "Aptitude Training" was organised by the Department of Mathematics on 11.12.2015 and 12.12.2015. K. Soundarajan, Aptitude Trainer, Saidai Duraisami, Manithaneyam IAS Academy, Chennai served as the resource persons for the productive workshop.
- ▶▶ On 20.01.2016, a guest lecture on "How to use NList?" was delivered by Mr.M.Muthu Krishnan, Librarian, Dr.N.G.P. Arts and Science College, Coimbatore.
- ▶▶ On 23.01.2016, a guest lecture on "Operations Research and its Applications" was delivered by Mrs.A. Sahaya Sudha, Associate Professor, Nirmala College for Women, Coimbatore.
- ▶▶ An "Extension Activity-I" was organised by our Department along with our III UG Students on 23.01.2016 in Government Middle School Veeriyampalayam Coimbatore, on 'Basic Aspects of Aptitude'.
- ▶▶ An "Extension Activity-II" was organised by our Department along with our III UG Students on

08.02.2016 in 'Thiyagi N G Ramaswamy Memorial Higher Secondary School', Coimbatore on 'Mathematical shortcuts & Vedic Maths'.

- ▶▶ A state level 'Inter Collegiate Meet : MATH FEST-2016' was organised on 11.02.2016. The meet was inaugurated by Dr. T. Nandha Gopal, Assistant Professor, Department of Mathematics, Sri Ramakrishna Mission Vidyalaya College of Arts and Science, Coimbatore.
- ▶▶ A three day "Placement Readiness" programme was organized by the Department of Mathematics from 15.02.2016 to 17.02.2016. Mr. J. Thangavel Raj, Senior Soft Skill Trainer, Erode, and Dr.A.Vimala & Mrs.S.Meenakshi, Assistant Professors, Department of Extension, Career Guidance and Students Welfare, Bharathiar University, Coimbatore were served as the resource persons.
- ▶▶ A two day workshop on "Mathematical Softwares-Advanced Level" was organised by the Department of Mathematics on 16.02.2016 and 18.02.2016. Dr. A.K. Abdul Haakem Assistant Professor Department of Mathematics Sri Ramakrishna Mission Vidyalaya College of Arts and Science, Coimbatore and Mr. P. Senthil Kumar, Bannariamman Institute of Technology, were served as the resource persons for the productive workshop.

THE VALUE ADDED COURSE HAVE BEEN CONDUCTED FOR THE FOLLOWING BATCH STUDENTS

Class	Date	Topic
II B.Sc Mathematics with Computer Application	06.07.2015 to 19.02.2016	RDBMS & ORACLE
III B.Sc Mathematics with Computer Application	03.07.2015 to 19.02.2016	Big Data Analytics

PHOTO GALLERY

Placement Readiness Programme



Mr. J. Thangavel Raj, Senior Soft Skill Trainer, Erode.

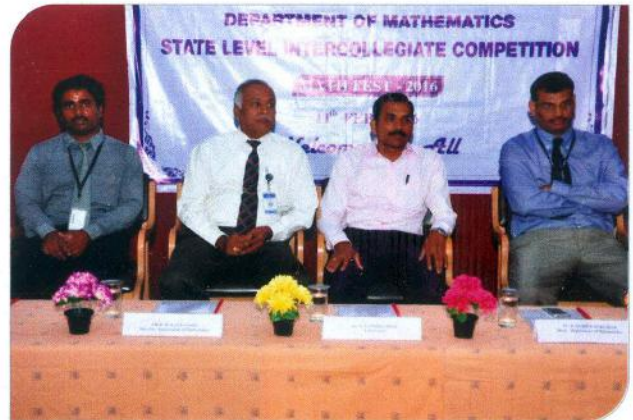
Guest lecture on "Operations Research and its Applications"



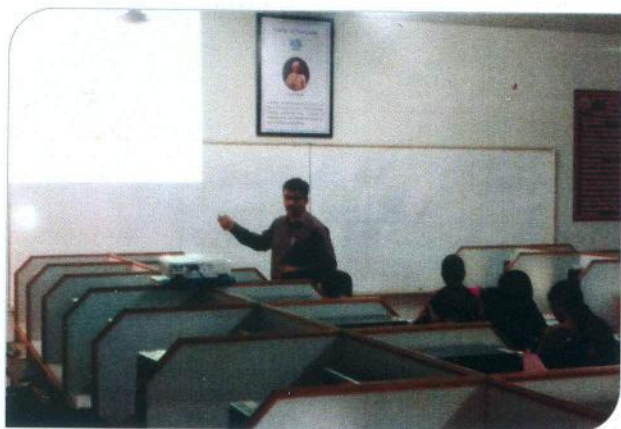
*Mrs. A. Sahaya Sudha, Associate Professor
Nirmala College for Women, Coimbatore*

State Level 'Inter Collegiate Meet: MATH FEST-2016

11th January 2016



**Two day workshop on
"Mathematical Softwares-Advanced Level"**



*Dr. A.K. Abdhul Haakem Assistant Professor
Sri Ramakrishna Mission Vidyalaya College
of Arts and Science, Coimbatore.*

Two day workshop on "Aptitude Training"



*K. Soundarajan, Aptitude Trainer,
Saidai Duraisami, Manithaneyam IAS Academy, Chennai*

Extension Activity Basic Aspects of Aptitude



*Government Middle School
Veeriyampalayam, Coimbatore*



*Aptitude Training
Bharath Manohar .B*



*Math Modeling
Praveen Kumar .P*

Students Article



V. Venkatesh
I. BSc. MARCH 09

SAVE
GREEN



V. Venkatesh
I. BSc. MARCH 09



V. Venkatesh
I. BSc. MARCH 09



Dove
V. Venkatesh
I. BSc. MARCH 09



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

(Autonomous)

An Institution of Kovai Medical Center Research & Educational Trust | Approved by Government of Tamil Nadu & Affiliated to Bharathiar University, Coimbatore
Re-accredited by NAAC with 'A' Grade

Dr. N.G.P - Kalapatti Road, Coimbatore - 641 048 Tel : 0422 - 2369252, 2369253 | Email : drngparts@kmch.ac.in | Web : www.drngpasc.ac.in

