TWO DAY INTERNATIONAL CONFERENCE

The Departments of Mathematics, Computer science and Computer applications conducted International level conference on Recent Revolutions in Mathematics, Computer science and Applications (ICRRMCSA) on 9th and 10th September 2022.

DAY 1

The inaugural ceremony of the Conference commenced with the invocation of Jain Maha Mantra followed by Tamizh Thai Vazhthu. The following dignitaries were present for the inaugural function Dr. N. Venkataramanan, Principal, Dr. B. Mahavir, Vice-Principal, Dr. M.M. Ramya, Dean, Dr. G. Venkiteswaran, Associate Professor, Department of Mathematics and Associate Dean, BITS, Pilani. Dr. H. Aaisha Farzana, Assistant Professor, Department of Mathematics with Computer Applications, Agurchand Manmull Jain College. The Welcome address was delivered by the Dr. M. M. Ramya. The Convener Dr. H. Aaisha Farzana presented the theme of the conference. The Presidential Address was given by the Principal, followed by the release of the Proceedings by the Chief guest, Dr. G. Venkiteswaran

The Chief Guest during his inaugural address emphasized on the application of Mathematics and Computer Science in all walks of life. He further indicated the enhancement of interface through the deployment of tools/aspects that are 'critical' in order to become worthy of the label 'revolution' The inaugural came to an end with the vote of thanks by Dr. B. Mahavir. The session's Keynote address were made by Dr. G. Venkiteshwaran, Associate Professor, BITS Pilani on "Variance reductions in Monte Carlo Simulations" and Dr. Gheorgita Ghinea, Brunel University, London who briefed on the Challenges and Opportunities in Mulse Media. The Conference had two technical sessions on Day One which consisted of 11 concurrent tracks. The invited talks delivered by Dr. Indra Rajasingh and Dr. T. Karthick were on the emphasis of applications of Graph theory in real life and the research areas in graph domination, colouring and labelling were identified.

Chennai, Tamil Nadu, India
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DAY 2

The day two of the Conference started with the invited talk of Prof. Balasubramanian, Professor, Department of Computer Science, IIT Roorkee on the Application of Mathematics in Machine Learning and Computing hierarchical curve-skeletons of 3D objects, followed by a technical session that consisted of 5 parallel tracks. Dr. K. A. Venkatesh, Professor and Dean, School of Mathematics and Natural Sciences, Chanakya University, Bangalore presented the usage of Data Envelopment Analysis based on Linear Programming Problem techniques to study the relative performance of organizations/ individuals and to identify the efficient and inefficient ones in the considered context. The invited talk on Cyber-Physical systems was given by Dr. Gladston Raj, Head & Associate Professor, Department of Computer Science, Govt. College, Trivandrum briefed on the seamless integration of cyber and physical systems, and its benefits to fields related to technology and engineering.

Dr. A. Swaminathan, Department of Mathematics, IIT Roorkee discussed the usage of continued fraction in Orthogonal Polynomial and the Variants of graph dominants was discussed by Dr. Roushini Leely Puspham in a hybrid mode, a total of 106 paper presentations were chaired by Dr. Viji Vinod HOD, Computer Applications, Dr.M.G.R. Educational and Research Institute, Chennai, Dr. Ramaprasath, Associate Professor Hindustan Institute of Technology and Sciences, Dr. Rajeshwari Mukesh, Associate Professor Department of Computer Science, SRM Ramapuram Campus, Dr. M. M. Ramya, Dean, Agurchand Manmull Jain College and Dr. Paulraj, Associate Professor, Department of Mathematics, Dr. Nalina, Assistant Professor, Department of Mathematics, Dr. Suchitra, Assistant Professor, Department of Mathematics and Dr. Capt. T. Thulasiram, Associate Professor, Department of Mathematics of Agurchand Manmull Jain College. Two best paper awards each in Mathematics and Computer Science were presented to Ms. S. Jebisha Esther, Research Scholar, Karunya Institute of Technology and Sciences, Coimbatore. and Mrs. Janani Varun, Research Scholar, VISTAS, Chennai

TWO DAY INTERNATIONAL CONFERENCE – CONT.

<u>OUTCOME OF THE GATHERING</u>

The purpose of ICRRMCSA'22 was to bring together the researchers and the practitioners interested in the design and application of modelling frame works, algorithmic concepts, computational methods and information technologies, to address challenging problems in Mathematics, Computers and its applications. The authors had to submit papers describing their original work, methods, techniques, algorithms, models, applications, tools or survey papers reporting research results and indicating future directions. It provided collaborative platform for researchers and experts to discuss the transformative technologies in Mathematics and computers.

It explored how mathematical, statistical and computational techniques can be used to better understand research processes and systems, while developing new methodologies and tools to analyse the massive currently-available data. It promoted itself as a forum for discussion on how techniques, methods, and tools help researchers, practitioners, system designers to accomplish the mapping between available technology and application needs. And understand better of the potential and challenges of research and technologies of Mathematics and computers in a broad way.

HIGHER STUDIES IN FRANCE / ETUDES EN FRANCE & SCHOLARSHIPS AVAILABLE TO STUDY IN FRANCE

The Department of French organised a French Guest Lecture on the topic "Higher Studies in France / Etudes en France & Scholarships available to study in France" On Tuesday, 20th of September 2022 at 12.00 pm at Parasmal Chordia Seminar Hall.

The Resource Person for the program was Mr. R. AJIT KUMAR Manager, Campus France, Chennai. The event began with prayer and the chief guest briefed the students about opportunities to study in France and on the various procedures to be followed for higher studies in France.

The students participated actively and cleared their doubts during the question-and-answer session. Towards the end of the session, the resource person conducted quiz for the students. Prizes were given to the first 3 winners by the resource person. The program was attended by all the French students and the faculty members of Shift II. The program concluded with the National Anthem.

MANAGING PROFILE AND BUILDING ALTERNATIVE CAREER OPTIONS

A career planning and development seminar was held on 21st September 2022 at 'Bhagwan Mahaveer Gyan Bhavan' on the topic 'Managing Profile and Building Alternative Career Options' organized by Department of Accounting and Finance (Shift–II). Around 600 students and faculty members participated in this event.The seminar was inaugurated by the resource person Mr. Dinesh Gajendran by lighting the lamp. The hosts for the program were Mr. M. Clement Paul and Ms. D. Lakshmi Priya, final year students of the Department of Accounting & Finance (Shift-II). After the prayer, Mr. R. Thirumurugan, Assistant Professor, Department of Accounting & Finance (Shift-II) welcomed the gathering. Dr. M.M. Ramya, Dean felicitated the chief guest with a memento and Dr. P. Rajendra Prasad, Facilitator, Department of Accounting & Finance (Shift-II) introduced the chief guest and felicitated him with a shawl. Mr. Dinesh Gajendran, Resource person opened the session by talking about profile building, career development, importance of planning one's career and how to develop it. He quoted some interesting anecdotes about how normal students planned their career and how they reached great heights by proper career development. He shared some pointers to help students in coming up with personal career goals and enlightened students on various career opportunities and how to discover their strengths. He concluded his session by saying that career development is a gradual process and it takes time, effort, perseverance, and planning. But the concept of career development begins with self-development and the final choice is YOURS. Ms. B. Bindu, Assistant Professor, Department of Accounting & Finance (Shift-II) proposed the vote of thanks proposed by and the program ended with the National Anthem.

Dr. M. M. Ramya, Dean (Right) felicitating Mr. Dinesh Gajendran, Resource person (Centre).

Mr. Dinesh Gajendran, Resource person delivering keynote address.

Dr. P. Rajendra Prasad, Facilitator, Department of Accounting & Finance, Shift-II (Left) felicitating Mr. Dinesh Gajendran, Resource person (Centre).

Faculty fraternity of Department of Accounting & Finance (Shift-II) with Mr. Dinesh Gajendran, Resource person (Centre).

RECENT TRENDS IN COMPUTER TECHNOLOGIES

On 23rd August 2022, the Department of Computer Applications (B.C.A) of A.M. Jain college organized a special lecture on "RECENT TRENDS IN COMPUTER TECHNOLOGIES" for its Department Students at Mahaveer Gyan Bhawan. The seminar was inaugurated by the chief guest Dr. G.RAJESH M.E., Ph.D., Assistant Professor, Department of Information Technology, MIT Campus, Anna University, Chennai by lighting the Kuthuvillakku.

Mr. S. Kishore Kumar, student of BCA Department welcomed the chief guest and the gathering. The Coordinator Ms.Nandhini Sharphathy introduced the chief guest. The Assistant Professors of our Department Ms. A.Kalpana, Dr. V.R.Elangovan, and Coordinator Ms. M.Nandhini Sharphathy honoured the Chief Guest by Bouquet, Shawl and Memento respectively.

The Resource person started the session by highlighting the recent advancements in various technologies and elaborated more on the topic, Internet of Things which involves communication between interrelated computing devices, mechanical devices and also with other type of devices without human or computer interaction. The students enjoyed the lecture by having vibrant interaction with the chief guest and got insights over the basics of IOT. Further, he emphasized the practical challenges that we are facing in daily life and how we can handle it using Internet of Things (IOT) and its devices. He suggested the students to get awareness about the IOT projects and gave exciting project ideas too. Dr. G.Rajesh the resource person explained the applications of IOT, its platform & various companies related with IOT.Ms. I. Sonia student of BCA department proposed the vote of thanks which was followed by the National Anthem.

கவிதை

எனக்கு பிடித்த என் ஆசிரியருக்கு...

என் விரல் வருடிய வரிகள்...

வெற்று கணமாணவனை அனைத்து கணத்தில் ஒருவனாய் அரவணைத்து

அவன் வெற்றி பெற வாழ்க்கைப்பாதையில் முதல் புள்ளி வைத்த ஓவியராய்

அப்புள்ளி நேர்கோடாய் தொடர வளைகோடாகவே மாறியவராய்

கணிதத்தில் சூத்திரம் பல சொல்லி விடை தந்தாலும் அவன் பால் கொண்ட அன்பிற்கு சூத்திரம் ஏது

அசமன்பாடாய் திரியும் அவனை சமன்பாடாக்க படும்பாடு ஒரு தொலைத்தொடு கோடாய் நீள்கிறது

எண்கள் அறியாதவனையும் நல்லெண்ணத்தோடு திசை காட்டும் வெக்டர்களாய்

நான் யாரென்றியாதவனை அவன் வாழ்க்கை வட்டத்தில் மிகப்பெரிய நாணாக மாற்றுபவராய்

தகா பின்னமாக கிடப்பவனை தகுபின்னமாக்க சின்னா பின்னமாகிறார்

அவன் வாழ்க்கையின் நிறை குறைகளை மட்டும் மதிப்பால் மிகையாக்க முயல்கிறார்

அவன் சிக்கல்களை தீர்ப்பதில் சிக்கலெண்கள் தீர்கிறது

அவனை பண்படுத்த நினைக்கையில் என் கணிதம் ஏழையாகிறது
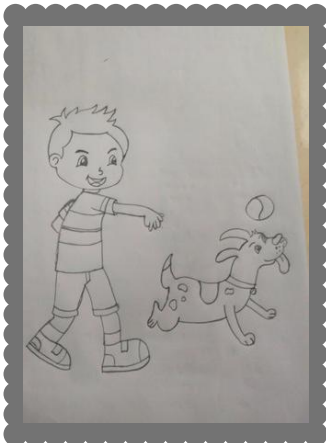
வேதனை பல வந்தாலும் அதனை சாதனையாக்க என் ஆசிரியரின் போதனை ஒன்றே போதும்

இவன் உங்கள் மாணவன்

Navin Kumar
21H328 , II BCA-D

ART WORK 🎨

R.Yuvaraj
II B.Sc
Computer Science - B

FROM THE CHIEF EDITOR'S DESK

Our college's fortnightly Newsletter "AMJC Front Line News" initiated from the academic year 2021 - 2022, will contain various information about the activities in the college.

Contributions are invited from the Staff and students from both Shift I & Shift II. Email your contributions to:
newsletter@amjaincollege.edu.in
Along with your recent passport size photograph

Particulars :-

1. Painting
2. Photography
3. Staff Articles
4. Student Articles
5. Cartoon Strips
6. Poems
7. Tech Updates
8. DIY Projects
9. Video recordings of participation in music kutcheri's or music creation [It can be vocal carnatic, hindustani, veena, guitar] will be given as a link. Time duration 2 min

All articles must be submitted with self-declaration of the staff and student, that it is his/her original work and not taken from any other source.

Articles are published in this Newsletter on a first come first serve basis, the upcoming issues will carry the rest.

All selected and published articles and columns will have the Name, Photograph, Department and Roll number of the students.

With regard to publishing of the articles the editorial board has full rights to correct, change or reject the articles and their decision is final.

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