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on

RECENT TRENDS IN RESEARCH & INFORMATION TECHNOLOGY

22.09.2021 & 23.09.2021

Organizes

**PG & Research Department of Computer Science and
PG Department of Computer Applications**

MARUDHAR KESARI JAIN COLLEGE FOR WOMEN

(A Project of Sri Marudhar Kesari Jain Trust)

**Permanently affiliated to Thiruvalluvar University || Recognized Under Sec. 2(f) & 12(B) of the UGC Act, 1956 || Re-Accredited with A Grade by NAAC (3rd Cycle) || An ISO 9001:2015 Certified institution
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❖Dr. T. Velmurugan MSc, MPhil, Ph.D.,

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Head, Department of Computer Applications

D.G.Vaishnav College , Chennai.



Dr. T. VELMURUGAN

Sir holds Ph.D. degree in Computer Science from the University of Madras and has 27 years of teaching experience. Guided more than 300 M.Phil., Research Scholars, 9 Ph.D. scholars and currently guiding 8 Ph.D. scholars in the same field. Published more than 100 articles indexed in SCOPUS and SCI. Elected and served as a Senate Member from Academic Council, University of Madras. University representative to the college governing body , Arignar Anna Institute of Management Studies & Computer Applications. Acted as a Invited & Keynote Speaker for many International Conferences. Editorial board member and Journal Reviewer for many National and International Journals. Received Appreciation Award, Best Researcher and Best Faculty Award.

❖Dr. P. Ilango M.Tech,Ph.D.,

Director, ML Research and Innovation,

Datafoundry AI, Coimbatore - 641018



Dr. P. ILANGO

Sir holds Ph.D. degree in Computer Science from the National Institute of Technology Tiruchirappalli and has 25 years of teaching experience. Guided 5 Ph.D. scholars in the same field. Published and presented more than 137 papers in SCOPUS, H Index and etc. Presented more than 70 articles in National and International Conferences and Seminars. Completed one Funded Project. Got 3 National Patents. Authored a book named Incomplete Data Handling In Medical Informatics: - Data Mining Approaches. Member in Board of Studies in Kumaraguru College of Technology, Sri Krishna College of Technology, Comibatore and Lady Doak College, Madurai. Editorial board member and Journal Reviewer for many National and International Journals.

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About The Institution

Marudhar Kesari Jain College for Women, Vaniyambadi (26 Years of Excellence) MKJC, established in the year 1994, Recognized under Sec. 2(f) & 12(B) of the UGC Act 1956, approved by Govt. of Tamilnadu, and is Permanently Affiliated to Thiruvalluvar University. It has been re-accredited with "A" grade by NAAC, Bengaluru (3rd Cycle) in the year 2019 and certified by BSI as an ISO 9001:2015 Certified Institution.

The focus of the College is RURAL DEVELOPMENT by enhancing Women Education, especially those from inclusive society with RIGHT KNOWLEDGE and makes them self - sufficient to develop holistic personality and excellence in their walks of life. The college is offering **16 UG Courses, 12 PG Courses, 7 M.Phil Courses and 6 Ph.D Courses with 2834 students, 181 Faculties and 159 Non Teaching staff.**

TamilNadu State Private Colleges Association-Skill Indian Award 2021 awarded Our College with the **“Best College Award for Excellence in Education”** for the endeavour and supremacy. The MKJC takes its proud history of achievements in promoting academic and professional excellence that has lead to strong outcomes in securing above 90% of results, 5 Gold Medals and 39 University Ranks in the year 2019 and also 100% of results and 5 Gold Medals in the Academic year 2020. For over 26 years MKJC has achieved a long list of accolades with stories of success within the region.



Best College Award for Excellence in Education



One District One Green Champion Award, Swachhta Action Plan 2020-2021

Also to extend and support the dreams of the rural and economical background students, MKJC associated with Distance Education study centre of

- Mother Teresa University & University of Madras
- Tamilnadu Physical Education and Sports University
- University of Madras.
- The Institute of Company Secretaries of India (ICSI) in PURSUIT of Professional Excellence statutory body under the act of parliament.
- The college is also conducting UGC sponsored skill development courses – 1 Diploma and 8 certificate courses.

UGC SPONSORED SKILL DEVELOPMENT DIPLOMA COURSES & CERTIFICATE UNDER NSQF

- Sports, Physical Education and Wellness (Dip.)
- Tally ERP 9.0 with GST
- Plan for Basic Entrepreneurial Activity
- Spoken English and Communication Skill
- Beauty and Wellness
- Office Automation
- Medical Lab Technology
- Website Development

Courses Offered

UG COURSES

B.A - Tamil
B.A - English
B.Sc - Mathematics
B.Sc - Physics
B.Sc - Chemistry
B.Sc - Statistics
B.Sc - Computer Science
BCA - Computer Applications
B.Sc - BioChemistry
B.Sc - BioTechnology
B.Sc - Nutrition, FSM and Dietetics
B.Sc - Interior Design and Decor
B.Sc - Psychology
B.Com – Commerce
BBA - Business Administration
B.Com (CA) – Commerce Computer Applications

PG COURSES

M.A - English
M.Sc -Mathematics
M.Sc - Physics
M.Sc - Chemistry
M.Sc - Computer Science
MCA - Computer Applications
M.Sc - BioTechnology
M.Sc - BioChemistry
M.Sc - Foods & Nutrition M.Com - Commerce
M.Com (CA) - Commerce with Computer Applications
MBA - Human Resource Management

RESEARCH PROGRAMMES

M.Phil - English
M.Phil - Mathematics
M.Phil - Physics
M.Phil- Computer Science
M.Phil - BioChemistry
M .Phil - BioTechnology
M.Phil - Commerce

Ph.D - Commerce
Ph.D - Bio Technology
Ph.D - Physics
Ph.D - Biochemistry
Ph.D - Computer Science
Ph.D - Management

About The Departments

PG & RESEARCH DEPARTMENT OF COMPUTER SCIENCE

The Department of Computer Science was established in 1994. Department is currently offering Under Graduate and Post Graduate with Research Programmes with a vision to prepare young women to acquire the opportunities in the field of information technology.

The department is well equipped laboratories with state of the art computing facilities with internet facilities and 13 dedicated faculties to enhance the research and teaching activities.

Courses Offered : B.Sc., M.Sc., M.Phil., Ph.D

PG DEPARTMENT OF COMPUTER APPLICATIONS

The Department of Computer Applications laid its corner stone in the year 1998 with B.C.A Computer Applications and spread its wings in post graduate on M.C.A in the year 2002, approved by AICTE. The department has dedicated faculties, state – of – art infrastructure and well equipped laboratories which is being constantly updated with latest computers & software's.

The department prepares students to design, develop and implement software applications. Department of computer applications emphasis on the latest programming languages, cutting edge technologies and tools to make the students ready for the IT industry.

Courses Offered : BCA & MCA



About the Conference

Research is getting the top most priority in higher education Institution for its development and global competent, and it is imperative to have knowledge-driven growth based on innovation. The quest for knowledge is the basic principle behind research. The quality of research work directly impacts the quality of teaching and learning in the classroom, thereby benefiting the students, the society and the country. This conference would help to imbibe knowledge to the researchers, and faculty to enhance their Intuitional Research culture and generating income and Innovative teaching learning pedagogy.

Objective of the Conference

- ❖ This National conference will facilitate the researchers, academicians and students to exhibit their latest findings.
- ❖ It provides a forum for exchange and dissemination of new ideas and technology among in the emerging domains of Information Technology.
- ❖ This Conference also aims at building up vast networking among fellow researchers to bring out vivid solutions

Themes (Topics are not limited to)

- Artificial Intelligence & Robotics
- Machine Learning
- Data Science & Big Data
- Computational & Synthetic Biology
- Computer Graphics, Vision, Animation and Game Science
- Biomedical Informatics
- Biomed Imaging and Visualization
- Digital Technology on Psychological Treatments
- E-Commerce and Digital Marketing
- Semantic, Social and Sensor Web
- Discrete Mathematics & Theoretical Computer Science
- Numerical Analysis & Scientific Computing
- Networking & Security
- Software Engineering & Testing
- Applications of Computer Programmes in Food & Nutrition
- Application of Computer Technology in Interior Design
- Network Security & Cryptography
- IOT Based Network Security & Cyber Security and Data Security
- Digital Image & Signal Processing
- Cloud Computing & Embedded and Green Computing

Target Audience

Professionals from Arts & Science, Engineering Departments, Industries, Research and Testing Laboratories, Educational and Research Institutes are invited to attend the programme.

Call for Papers

Original contributions from researchers are invited to share their work. One copy of full length paper not exceeding six pages should be submitted to the following mail ID (research_cs@mkjc.in) on or before 25th Aug. 2021. After peer review process, papers would be selected for presentation. Selected full length papers as approved by technical committee will be published in the proceeding.

Authors Guidelines for Paper Submission

- All paper should be original, unpublished, not submitted to any other journal/ Conferences. The paper should be in the form of IEEE format, In PDF format, A4 size with single column.
- For paper submission - research_cs@mkjc.in
- All submitted paper will be checked for plagiarism and papers which are satisfying the criteria only be selected for presentation and publication.
- Notification of acceptance will be sent through E-Mail.
- Registration will be confirmed only after the payment of registration fee.
- Authors must be present for the conference.

Important Dates

Paper submission	Aug. 20 th , 2021
Notification of acceptance after review	Aug. 25 th , 2021
Final paper submission	Aug. 30 th , 2021
Author's registration	September. 05 th , 2021

Mode of Presentation : Author can directly present paper in online by ZOOM on Scheduled Date.

Guidelines for Registration

- Non- Author Participation/ Students (Only for attending the conference) : 300 INR
- Authors Presenting the paper in the conference : 500 INR

Registration Link: <https://forms.gle/MDGUUSermTNegmCeA>

Publication

- Publication in conference proceeding with ISBN (Max 3 Authors in a paper) : 1500 INR
- The Original research articles are published in **Scopus, UGC Care List & Peer Reviewed Journals** with separate publication cost based on authors request.

Mode of Payment

Registration fee is to be paid by Demand Draft drawn in favour to be included (non-refundable)	
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Awards

**The original quality research article will be honored best paper
E-Award.**

