



NEWS LETTER 2019

The News Bulletin from Nandha Engineering College
DEPARTMENT OF MASTER OF COMPUTER
APPLICATIONS



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Contents

Association Activities
Inter College Meet

Industrial Workshop

Vignani 2019

Sports Day 2019

R & D Proposals

Paper published & presented

Skill Upgradation

Faculty members

Awards & Achievements

Faculty members

Students Alumni

Interaction Placement

Achievements

DR RENGARAJAN N

PRINCIPAL



The two major qualities of a truly educated individual are the ability to think with clarity and intellectual inquisitiveness.

Today the value based education is the only help for synthesizing the moral fabric of individual and sure the young Department of Computer Applications offers the value based education in all aspects.

I'm sure this edition is the great effort to showcase their efforts.

I wish them all the very best.

ASSOCIATION ACTIVITIES

Association of MCA Chimera carried out several activities in this Academic Year 2019-2020. The office bearers carry out these activities with determination and due diligence which shows in the Curricular and Co-Curricular listed below with pride.

INTER-COLLEGE MEET

Intercollege meet was conducted on behalf of the Master of Computer Application Association. Various events like Debugging, Paper Presentation, Multimedia presentation and cultural events were conducted to the students which were very useful to expose the talents. The Principal and CEO distributed certificates and prizes to winners of various competitions on 01.03.2019



INDUSTRIAL WORKSHOP

WORKSHOP I

Association of MCA Conducted Industrial Workshops “Hands on Training On C# and .NET” from 05.06.18 to 07.06.18 by Mr. R. Arjun, Solution Architect, Keen Minds Technologies Pvt Ltd., Bengaluru .



He taught about how to develop the project in C# and working with SQL which updated the technical knowledge of our students. At the end of

this workshop, students gained knowledge about practical issues and latest technologies.

WORKSHOP II

Association of MCA Conducted a second Industrial “Workshop on Python Framework ” on 24.08.2018 by Mr. Meenakshisundaram .C, Software Er. – I, Sysvine Technologies Pvt Ltd., Velachery, Chennai.



WORKSHOP III

A Workshop on “Android App Development” was conducted on 18.05.2019 by resource person Mr. C. Gowtham, Software Developer, Tart Labs, Pollachi, Tamilnadu.



WORKSHOP IV

Workshop on "C# and .NET Framework" was conducted on 04.05.2019 by our Alumni and resource person, Mr. K. Naveendiran, Entrust Software & Service Pvt. Ltd., Chennai.



Student Interaction

During the student interaction at the end of Workshop, C.Meenakshisundaram gave tips to prepare the placement , importance of basic knowledge in programming languages, scope of projects, Resume preparation, group discussion skills and surviving in IT companies.

PAPER PUBLISHED / PRESENTED

- Discovery and Isolation Of Multiple Spoofers in Wireless Networks by Ms. P. Nadhiya, Mr. S. Jagadeesan page 8-12
- Effective Prediction Model for Classifying Liver Disease using Classification Algorithms with Particle Swarm Optimization by Ms. A. Praveena, Mr. R. Navin Kumar page 13-18
- Locust Inspired Scheduling Algorithm to Reduce Energy Consumption with Dead Line Resource Provisioning by Ms. S. Shanmugapriya, Mrs. K.E. Eswari page 19-24
- Improve Cloud Base Wi-Fi Network Using Load Base Mobile Cloud Computing Model by Mr. P. Ranganathan , Mr. S. Jagadeesan page 25-29
- Concealed Data Aggregation Scheme for Multiple Applications in Wireless Sensor Networks by Mr. J. Rahul, Mr. R. Navin Kumar page 30-40
- Semantic Based Sentence Ordering with Ontology-Mining in Heterogeneous Data Using Explicit Semantic Analysis by Mr. S. Edison, Mrs. K.E. Eswari page 41-46
- Optimal Service Dynamic Pricing for a Cloud Cache by Ms. A.G. Jananisrikamatchi, Ms. N. Zahira Jahan page 54-58
- Double Guard Security Against intrusion in Multitier Application by Ms. S.M. Mehala, Mr. S. Jagadeesan page 59-64
- Scene Text Recognition in Images by Character Descriptor and Structure Configuration by Mr. S. Arulkumar, Ms. N. Zahira Jahan page 65-69
- Effective Ranking Approach for E-Data using Extensible Learning by Mr. M. Mugilan, Mr. C. Mani page 70-78
- Effective Online Discussion Data for Teacher's Reflective Thinking by Mr. B. Thayanandhan, Mrs. K.E. Eswari page 79-83
- Effective Chronic Disease Progression Model by Mr. R. Kavinkumar, Mrs. K.E. Eswari page 84-91
- Secure Mobile Payment Transaction Scheme using Optimistic Fair Exchange (OFE) Protocols with TPA Model by Mr. A. Gokul, Ms. N. Zahira Jahan page 92-96

- A Hybrid Cloud Approach for Preserve Authorized Deduplication by Mr. P. Ganesh, Mrs. C. Navamani page 97-102
- PACK: Prediction-based Cloud Bandwidth and Cost Decrement System by Mr. K. Siragirivelavan, Mr. C. Mani page 103-110
- Image Processing based Leaf ROT Disease Detection of Betel Vine by Ms. P. Jeevitha, Mr. R. Navin Kumar page 111-116
- Alumni and Placement Management System by Ms. R. Pavithralakshmi, Mr. R. Navin Kumar page 117-120
- Enhanced Top-K Query Processing for Two Tiered Sensor Network using W-ASP Tree Model by Ms. R. Jamunarani, Mrs. C. Navamani page 121-126
- Opinion Mining with Target Extraction using Word Identification by Mr. P. Parthipan, Mr C. Mani page 127-131
- Density Base Road Accident Control Sensor Monitoring using Dynamic Network Topology Graph Framework by Ms. M. Deepashri, Mr. R. Navin Kumar page 132-137
- Two-Factor Information Security Assurance Component for Distributed Storage Framework by Ms. G. Gowthini, Mrs. K.E. Eswari page 138-142
- A Selective Encryption Method to Ensure Confidentiality for Big Sensing Data Streams by Mr. S. Arun, Mr. C. Mani page 143-148
- IoT based Garbage Monitoring using GSM by Mr. Arjun Singh Athokpam, Ms. C. Navamani page 149-155
- IoT based Heart Rate Monitoring and Body Temperature Monitoring by Mr. R. Thirumoorthi, Ms. N. Zahira Jahan page 156-161
- IoT based Home Security System using PIR Sensor, GSM and Camera with Message Alert by Mr. S. Dhivakar, Ms. N. Zahira Jahan page 162-167
- IoT based Live Temperature and Humidity Monitoring System by Mr. Abareesh Raj, Mr. S. Jagadeesan page 168-173
- Ambulance Notification and Automatic Traffic Management using Image Processing by Mr. A. Pandiyaraja, Mrs C. Navamani page 174-179
- Mining Graphs for Understanding Time - Varying Volumetric Data by Mrs .G. Visithra, Mrs. C. Navamani page 180-187

- Enhanced Hybrid Model for Balancing Dataset to Improve the Performance of the Classifier by Dr. S. Babu. page 188-192
- An Iterative Mapreduce based Frequent Subgraph Mining Algorithm with Load Balancing by Mr. A. Angappan, Mrs. K.E. Eswari page 193-197
- Effective Malware Detection for Social App using Coarse Clustering Algorithm by Ms. P. Thamilarasi, Mrs. C. Navamani page 198-203
- Effective Discovery of Ranking Fraud for Movies using Classification Mining Algorithm by Ms. M. Keerthana, Mrs. K. Chitra page 204-208.
- Steganography Encryption Standard for Android Application by Ms. V. Aishvarya Ms. N. Sangeetha Ms. M. Rohini, Ms .R. Vanmathi , Mr. S. Sambasivam page 209-214.
- Image Steganography using LSB by Mr. V. Logeshwaran, Mr. M. Nizar Ahamed, Ms. S. Sathana, Ms. S. Sandhiya, Mr. S. Sambasivam page 215-221