

Dr. N. Mahalingam
Founder Chairman

Dr. M. Manickam
Chairman

Mr. M. Hari Hara Sudhan
Correspondent

Dr. C. Ramaswamy
Secretary

Dr. P. Govindasamy
Principal

MCET/IQAC/NAAC/Criterion VI/6.3/6.3.3

TO WHOMSOEVER IT MAY CONCERN

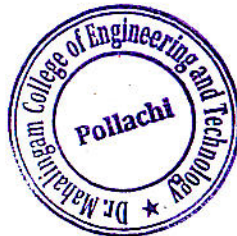
This is to certify that the following are the Average number of professional development/ administrative training programs organized by the institution for teaching and nonteaching staff during the last five years offered by the institution from 2017-18 to 2021-22.


6.3.3. Average number of professional development / administrative training programs organized by the institution for teaching and non-teaching staff during the last five years

Academic Year	2021-22	2020-21	2019-20	2018-19	2017-18
Number of Programs Organized	42	46	45	34	61

Average number of professional development / administrative training programs organized by the institution for teaching and non-teaching staff during the last five years is **45.6**. We hereby enclosed the sample documents for the Department of Information Technology of the year 2019-2020 for your kind reference.


Steering Committee Coordinator




PRINCIPAL
PRINCIPAL
**Dr. Mahalingam College of
Engineering and Technology**
Pollachi - 642 003.

Dr. Mahalingam College of Engineering and Technology, Pollachi - 642 003

Department of Information Technology

Details of Programs Organized (2019-2020)

S.no	Programme Name
1	Workshop on Development of Real Time Applications Using IOT- A Hands on Approach
2	Workshop on MachineLearning and its Applications
3	Ninth National Conference on Computing and Communication (NCCC 2020)

Dr. Mahalingam College of Engineering and Technology, Pollachi - 642 003
Department of Information Technology

Workshop on Development of Real Time Applications Using IOT- A Hands on
Approach
(27.02.2020-28.02.2020)

Index

- Report
- Brochure
- Attendance sheet
- Sample certificate
- Approval letter
- Budget
- Feedbacks
- Registration form

Report

Report for Workshop on “Development of Real Time Applications using IoT-A hands on Approach” during 27th and 28th February 2020

Department of Information Technology has organized two days workshop on “Development of Real Time Applications using IoT - A hands on Approach” for external and internal participants during 27th and 28th February 2020. The workshop was inaugurated by Dr.S.Ramakrishnan, HoD-IT. Resource person for the workshop is K.Pradeepkumar, Product Development Risk Specialist HCL Technologies, Chennai and session details of the workshop are as follows.

S. No.	Date	Topic
1	27.02.2020 FN	IoT devices and architecture Sensors & smart devices. Selection of appropriate sensor for an IoT application.
2	27.02.2020 AN	Group projects implemented by students are: 1. Interfacing servomotor and current sensor with arduino. 2. Interfacing adxl345 with arduino 3. Interfacing DHT11 sensor with arduino 4. Interfacing accelerometer and find the I2C address 5. Interfacing ultrasonic sensor with arduino interfacing Ethernet and fetching IP 6. Interfacing HXT11 and load cell Ethernet shield servo motor with arduino MEGA
3	28.02.2020 FN	Current sensing application, Data storage, wireless control, Ultra low power operation, Integrating with MCU & MPU
4	28.02.2020 AN	Video Streaming and Face Recognition example solution, Reverse engineering of a usual product

Totally 41 (External: 01 Internal faculty: 07 Student: 33) participants participated in the workshop. The workshop provided valuable inputs for participants for Real Time Applications using IoT. Group projects were given to the participants. All the participants actively solved the project in the hands on mode. All the sessions went in an interactive manner which made participants to gain knowledge and also to clarify their doubts. The workshop ended with a vote of thanks by Mr.J.Ramprasath, AP/IT.

Income and Expenditure details for the workshop are given below:

S. No.	Income and Expenditures details	Amount in Rs.
Expenditure Detail		
1.	Honorarium for a resource person + Travelling	4000.00
2.	Refreshment for Participants	650.00
3.	Lunch for Participants	360.00
4.	Stationeries	100.00
5.	Certificate	1200.00
Total Expenditures		6310.00

Income Details		
6.	1 External participants (650 *1 participants)	650.00
Total Income		650.00
Total Expenditures		6310.00
Income over Expenditures		5660.00

Outcome and follow-up this workshop:

- Students can extend their IoT projects they developed during the workshop as their main project
- Faculties can do research in the area of IoT.

We hereby sincerely thank our management for permitting and supporting us to organize the workshop.

Photos of “Development of Real Time Applications using IoT-A hands on Approach” during 27th and 28th February 2020:





Group projects by students



Organizing Secretary
(Dr.P.Sathiyamurthi)

Dr.S.Ramakrishnan

HOD - Information Technology
Dr. Mahalingam College of Engineering and Technology
Pollachi - 642 003



Brochure

**Workshop on
"Development of Real Time
Applications using IoT - A Hands
on Approach"**

27th & 28th February 2020

**Department of Information
Technology**

REGISTRATION FORM

Name :
Organization :
Address :
.....
Mobile :
Email :
Nature of Participant

- ❖ Industry Delegate
- ❖ Research Scholar
- ❖ Faculty Member
- ❖ Student

Amount Paid :

D.D Details

D.D. Number :

Bank Name :

Date :

.....

Date

Signature

Organizing Committee

Chief Patron:

Dr. C. Ramaswamy
Secretary, NIA Educational
Institutions

Chairman:

Dr. A. Rathinavelu
Principal, MCET

Convener:

Dr. S. Ramakrishnan
Professor and HOD - IT

Organizing Secretary:

Dr. P. Sathiyamurthi
AP (SS) /IT

Organizing Members:

Mr. N. Krishnaraj
AP / IT
Mr. J. Ramprasath
AP / IT
Mr. P. Ramprakash
AP / IT
Mr. N. Praveen Sundra Kumar
AP / IT
Ms. S. Soundariya
AP / IT



**Workshop on
"Development of Real Time
Applications using IOT- A Hands on
Approach"**

27th & 28th February 2020

**Organized by
Department of
Information Technology**

Dr. MAHALINGAM



COLLEGE OF ENGINEERING AND TECHNOLOGY

Highlighting Technical Minds

**Dr. MAHALINGAM COLLEGE OF
ENGINEERING AND TECHNOLOGY**

(An Autonomous Institution)
(Accredited by NBA, NAAC with
'A++' Grade)

Pollachi - 642003

Coimbatore(DT),

Tamilnadu

Phone: +91-4259-236030/40/50

Fax: +91-4259-236070

Website: www.drmcet.ac.in



INSTITUTION PROFILE

Dr.Mahalingam College of Engineering and Technology (MCET) was established in the year 1998 by Dr.M.Manickam with a view to commemorate the 75th birth year of his beloved father Arutchelvar Dr.N.Mahalingam with a mission to impart high quality competency based education in Engineering & Technology to the younger generation with the required skills and abilities to face the challenging needs of the industry around the globe. MCET is a self-financing, co-educational Engineering College and it is approved by AICTE, New Delhi & affiliated to Anna University. The Institute has been accredited by NAAC with A++ and 7 UG Programmes (CSE, EEE, EIE, ECE, Civil, Mech., Auto.) are accredited with Tier-1 by NBA. The MCET currently offers 9 UG, 5 PG and 4 Doctoral programme in Engineering, Technology and Science.

DEPARTMENT PROFILE

The department of Information Technology was established in 1999, offers B.Tech (IT) programme, Affiliated to Anna University and Approved by AICTE. The faculties of the department have over 100 publications in conferences and journals like IEEE Transactions, Springer Verilog, Wiley, IET, CSI, etc. During the last five years, the department has conducted handful of National conferences, seminars and skill training sponsored by AICTE, CSIR, PMKVY, Infosys, TNSCST, etc.

The areas of expertise of the faculty members include Information processing, Data Base Management, Software Engineering, Web Technologies and Networking, etc.

Our Department and EMC², Bangalore have signed in a MOU to provide training to the students in information storage management. Our department and SAP, Bangalore have signed in a MOU to provide training for students on SAP products and business applications. Our department and VMware, Bangalore have signed in a MoU to provide training for the students on VMware products and business applications. Our department and National Research Development Corporation have signed in a MoU to provide support on patenting & technology commercialization.

ABOUT THE WORKSHOP

This workshop focuses on the IT ecosystem and a rich domain of hardware development for real time applications and system design using IoT. Beginner can get exposure in IoT concepts, sensor devices and IoT programming.

TOPICS

- ◆ IoT devices and architecture
- ◆ Sensors & smart devices. How to select appropriate sensor for an IoT application?
- ◆ Hands on Project: Smart home(requirement phase, implementation, spec path, etc.)
- ◆ Thing works - Think speak
- ◆ Current sensing application, Data storage, wireless control, Ultra low power operation
- ◆ Integrating with MCU & MPU
- ◆ Video Streaming and Face Recognition example solution
- ◆ Reverse engineering of a usual product

WORKSHOP OUTCOMES

The outcome of this workshop shows secure and great promise for various futuristic applications like Home automation, Smart Cities and Agriculture.

RESOURCE PERSON

Expert from Industry

ELIGIBILITY

Faculty members, Students, Research Scholars & Industry Delegates are eligible to attend the workshop.

IMPORTANT DATES

Last date for receipt of Applications: 25.02.2020
Confirmation by Participants : 26.02.2020

FEES DETAILS

Participant	Registration Fee Inclusive of 18% GST
Student/Faculty Members/Research Scholars	Rs. 649/-
Industry Delegate	Rs. 1003/-

BOARDING & LODGING

Accommodation and boarding if required will be provided in the college campus on the chargeable basis and on prior request.

HOW TO APPLY

The applicants should send their application in the specified format along with DD (in favour of "The Principal, Dr. Mahalingam College of Engineering and Technology, Pollachi" payable at Pollachi) to reach us on or before 25.02.2020

ADDRESS FOR COMMUNICATION

Dr. P. SATHIYAMURTHI

Assistant Professor (SS),

Department of Information Technology,
Dr.Mahalingam College of Engineering and
Technology, Pollachi - 642003
Coimbatore District, Tamilnadu.

Email: psathiyamurthi@drmcet.ac.in

Mobile Number: 9486111191, 8838401377



Attendance Sheet

Attendance Sheet

S.No	Name of the Participant	Department	Signature			
			27.02.2020 (FN)	27.02.2020 (AN)	28.02.2020 (FN)	28.02.2020 (AN)
1.	Dr. A.B. Aravind CHRISTOPHER	IT				
2.	A.G. Prigo Varshini	AP/IT				
3.	D. Janani	AP/IT				
4.	Dr. N.B. Krishnan	AP/IT				
5.	M. Sakthi Vardhini	AP/Akshay inst of mgmt				
6.	T. SUMATHI	AP/IT				
7.	Rakesh. C	CSE				
8.	G. Mathumithren	CSE				
9.	M. Ram Prasad	CSE				
10.	Girana Ganesh S	CSE				

Attendance Sheet

S.No	Name of the Participant	Department	Signature			
			27.02.2020 (FN)	27.02.2020 (AN)	28.02.2020 (FN)	28.02.2020 (AN)
11.	D. Devapritys	ECE	D. Devapritys	D. Devapritys	D. Devapritys	D. Devapritys
12.	A. JASHWINRAJ	ECE	A. Jashwinraj	A. Jashwinraj	A. Jashwinraj	A. Jashwinraj
13.	Sridharan . L	ECE	L. Sridharan	L. Sridharan	L. Sridharan	L. Sridharan
14.	Mohammed Nazeem . I	ECE	M. Nazeem	M. Nazeem	M. Nazeem	M. Nazeem
15.	Naveen . K	MCA	N. Kaveen	N. Kaveen	N. Kaveen	N. Kaveen
16.	Chithra Devi . T	MCA	T. Chithra	T. Chithra	T. Chithra	T. Chithra
17.	Banatharani . K	IT	K. Banatharani	K. Banatharani	K. Banatharani	K. Banatharani
18.	Bhalavaishnavi . V . S	IT	V. S. Bhalavaishnavi	V. S. Bhalavaishnavi	V. S. Bhalavaishnavi	V. S. Bhalavaishnavi
19.	Swathi . B	IT	B. Swathi	B. Swathi	B. Swathi	B. Swathi
20.	P. Pothilmatli	IT	P. Pothilmatli	P. Pothilmatli	P. Pothilmatli	P. Pothilmatli

Attendance Sheet

S.No	Name of the Participant	Department	Signature			
			27.02.2020 (FN)	27.02.2020 (AN)	28.02.2020 (FN)	28.02.2020 (AN)
21.	ASHWINTH D	INFORMATION TECHNOLOGY				
22.	VIGNESH PRABHU V	INFORMATION TECHNOLOGY				
23.	AMEER EDHALL A	INFORMATION TECHNOLOGY				
24.	G.S.NIKHIL	INFORMATION TECHNOLOGY				
25.	M. SPIRAM,	INFORMATION TECHNOLOGY				
26.	R. GIAWTHAM, Madhu ^{witham}	INFORMATION TECHNOLOGY				
27.	D. ARUNINA	INFORMATION TECHNOLOGY				
28.	S. SABETHA	INFORMATION TECHNOLOGY				
29.	J. JEYAPRATHA	INFORMATION TECHNOLOGY				
30.	P. AKSHAYA	INFORMATION TECHNOLOGY				

Attendance Sheet

S.No	Name of the Participant	Department	Signature			
			27.02.2020 (FN)	27.02.2020 (AN)	28.02.2020 (FN)	28.02.2020 (AN)
31.	Aswanya Ganesh	Information Technology				
32.	Yamuna Devi. S	Information Technology				
33.	PRANAVATHMIKA. S	Information Technology				
34.	KRISHNAPRIYA. S	Information Technology				
35.	R.Akila	Information Technology				
36.	S.SURUTHI	Information Technology				
37.	S.Sathya priya	Information Technology				
38.	S.varunisha	Information Technology				
39.	kalaielvi.k	IT / LA				

Sample Certificate



Dr. MAHALINGAM
COLLEGE OF ENGINEERING AND TECHNOLOGY
Affiliated to Anna University, Chennai; Approved by AICTE; Accredited by NAAC with Grade 'A++'
Accredited by NBA - Tier1 (Mech, Auto, Civil, EEE, ECE, EIE and CSE)
Udumalai Road, Pollachi - 642 003 Tel: 04259-236030/40/50 Fax: 04259-236070 www.mcet.in

Department of Information Technology

Workshop on

"Development of Real Time Application using IoT - A Hands on Approach"

This is to certify that Mr. / Ms. SAKTHIVADIVEL M., Asst. Prof. of AKSHAYA INSTITUTE OF MANAGEMENT has participated in "Development of Real Time Application using IoT - A Hands on Approach" workshop held on 27th & 28th February 2020, organized by Department of Information Technology, Dr. Mahalingam College of Engineering and Technology, Pollachi.

CONVENER
Dr. S. Ramakrishnan
HOD - IT

PRINCIPAL
Dr. A. Rathinavelu

Approval Letter

Dr. Mahalingam College of Engineering and Technology, Pollachi - 3
Department of Information Technology

26.02.2020

Submitted to the Principal and for kind approval:

Sub:- Approval in the certificate template - Reg

We have planned to conduct a two days' workshop on "Development of Real Time Application using IoT - A Hands on Approach" for external and internal participant during 27th & 28th February 2020. In order to provide certificate to the participants, we have prepared a certificate from our ^{DTP} dtp section. In this regard, we kindly request you to approve the template of the certificate enclosed with this letter.

Thanking You

S. ~~Praveen~~
26/02/20
HOD / IT


Principal
8

Budget

Dr.Mahalingam College of Engineering and Technology, Pollachi - 642003

Department of Information Technology

Note submitted

Date: 30.01.2020

Sub: Proposal submitted for Organizing Workshop on "Development of Real Time Applications using IoT-A Hands on Approach" to be conducted between 28.02.2020 and 29.02.2020 organized by Department of Information Technology - approval requested - reg.

We submit that we propose to conduct Workshop on "Development of Real Time Applications using IoT-A Hands on Approach" on 28.02.2020 and 29.02.2020 organized by Department of Information Technology organized for your kind approval and payment.

The resource person for this workshop will be Mr.K.Pradeepkumar, Product Development Risk Specialist, HCL Technologies, Chennai. He has wide experience in hardware circuit designing for IoT products and product validation skills. He has been conducted many technical workshops in IoT product development for various Technical Institutions including NIT Trichy and many industries. This workshop will help the participants to learn about advance technologies in development of IoT real time application in a practical way.

Details	Internal participants	External participants from other colleges	External participants from industry	Total
No. of Participants expected	10	40	-	50

Budget for the above program:

Projected Receipts (Registration Fee, Sponsorships etc..)

Sl. No	Description (mode of receipts)	Nos.	Projected amount Rs.
1	Student & Faculty - Rs.649/- (Rs.550/- + 18% GST Rs.99/-) Per Participant	40	22,000/- (Rs.550/- x 40)
	Industry Participants -Rs.1003/- (Rs.850/- + 18% GST Rs.153/-) Per Participant	-	-
	Internal Participants - No Registration fees	10	-
Total Rs.			22,000

Proposed Expenses for the program

Sl. No	Name of the item	Quantity	Rate in Rs./unit	Total cost Rs.	Mode of arrangement	Remarks
1.	Brochure postal charges	100	6	600	MCET Office	
2.	Brochure printing charges	100	3	300	NIA Book Depot	
3.	Certificate, ID card printing charges	50	20	1,000	NIA Printing Division	
4.	Banner designing and printing	1	500	500	NIA Printing Division	

Sl. No	Name of the item	Quantity	Rate in Rs./unit	Total cost Rs.	Mode of arrangement	Remarks
5.	Lunch for 40 External participants 2 day	80	45	3,600	NIA Hostel Mess	
6.	Refreshment for 50 Participants 4 session	200	12	2,400	Aariyas	
7.	Workshop Registration Kit & Stationary items for the workshop	40	40	1,600	NIA Book Depot	
8.	Accommodation required for External participants (Approximately 15 - Boys and 10 - Girls)	25	-	-	NIA Hostel	will bare by the participants
9.	Honorarium for resource person (2 days * Rs.5000 per day)			10,000	MCET office	<u>As a special case</u>
				8,000/-		
10	Travel expenses for resource person: Chennai to Pollachi (to and fro)			2,000	MCET office	Accommodation required in MCET Guest House
Total Expenses in Rs.				22,000		

Budget for the FY 2019-20 (Phase II)

Particulars	Proposed budget Rs.	Actual spent till date Rs.	Available budget Rs.	Now requested
6a. Organizing Seminar/ Workshop/ Conference	35,000/-	-	35,000/-	22,000/-

(Dr. P. SAMYAKRITHI)
Signature of Staff Member & Budget Coordinator

S. Praveen
Signature of HOD

Encl: Workshop Schedule, Resource person bio-data and workshop brochure

M. Praveen
PRINCIPAL
S

Approved
SECRETARY 2/2/2020

Feedbacks

FEEDBACK FORM


Workshop on "Development of Real Time Applications using IOT- A Hands on Approach" 27th & 28th Feb 20

Name of the Participant : *Naveen K*

Department : *MCA*

1. Communication by the Speakers
a. Excellent b. Good c. Average d. Satisfactory
2. Effectiveness of the program
a. Excellent b. Good c. Average d. Satisfactory
3. Content Delivered during the Workshop
a. Excellent b. Good c. Average d. Satisfactory
4. Knowledge Gained during the Workshop
a. Excellent b. Good c. Average d. Satisfactory
5. Registration process for the Workshop
a. Excellent b. Good c. Average d. Satisfactory

Any other suggestions:


Signature of the participant

FEEDBACK FORM

Workshop on "Development of Real Time Applications using IOT- A Hands on Approach" 27th & 28th Feb 20

Name of the Participant : *Chithra Devi L*

Department : *MCA*

1. Communication by the Speakers
a. Excellent b. Good c. Average d. Satisfactory
2. Effectiveness of the program
a. Excellent b. Good c. Average d. Satisfactory
3. Content Delivered during the Workshop
a. Excellent b. Good c. Average d. Satisfactory
4. Knowledge Gained during the Workshop
a. Excellent b. Good c. Average d. Satisfactory
5. Registration process for the Workshop
a. Excellent b. Good c. Average d. Satisfactory

Any other suggestions:


Signature of the participant

Registration Form

Workshop on

"Development of Real Time Applications using IoT - A Hands on Approach"

27th & 28th February 2020

Department of Information Technology

REGISTRATION FORM

Name : K. Bavatharani
Organization : MCET
Address : 759, Nallakinar Street, Thiruchitambur
Mobile : 9524115675
Email : Bavatharani.k@gmail.com
Nature of Participant

- ❖ Industry Delegate
- ❖ Research Scholar
- ❖ Faculty Member
- ❖ Student

Amount Paid :

D.D Details

D.D. Number :

Bank Name :

Date :

27/2/2020
Date


Signature

Organizing Committee

Chief Patron:

Dr. C. Ramaswamy
Secretary, NIA Educational Institutions

Chairman:

Dr. A. Rathinavelu
Principal, MCET

Convener:

Dr. S. Ramakrishnan
Professor and HOD - IT

Organizing Secretary:

Dr. P. Sathiyamurthi
AP (SS) / IT

Organizing Members:

Mr. N. Krishnaraj
AP / IT
Mr. J. Ramprasath
AP / IT
Mr. P. Ramprakash
AP / IT
Mr. N. Praveen Sundra Kumar
AP / IT
Ms. S. Soundariya
AP / IT



Workshop on

"Development of Real Time Applications using IOT- A Hands on Approach"

27th & 28th February 2020

Organized by Department of Information Technology

Dr. MAHALINGAM



COLLEGE OF ENGINEERING AND TECHNOLOGY

Enlightening Technical Minds

Dr. MAHALINGAM COLLEGE OF ENGINEERING AND TECHNOLOGY

(An Autonomous Institution)

(Accredited by NBA, NAAC with

'A++' Grade)

Pollachi - 642003

Coimbatore(DT),

Tamilnadu

Phone: +91-4259-236030/40/50

Fax: +91-4259-236070

Website: www.drmcet.ac.in



Workshop on
"Development of Real Time
Applications using IoT - A Hands
on Approach"

27th & 28th February 2020

Department of Information
Technology

REGISTRATION FORM

Name : P. POZHIL MAHIL.....
Organization : Dr. MCET.....
Address : 5/466, Balavinayagar
Kovil St., Chennai 600031,
Tirupot, Andhra Pradesh.....
Mobile : 88258716028.....
Email : ppozhiilmahil@gmail.com.....
Nature of Participant

- ❖ Industry Delegate
- ❖ Research Scholar
- ❖ Faculty Member
- ❖ Student

Amount Paid :

D.D Details

D.D. Number :

Bank Name :

Date :

Date 27-02-2020

P. Pozhil Mahil
Signature

Organizing Committee

Chief Patron:

Dr. C. Ramaswamy
Secretary, NIA Educational
Institutions

Chairman:

Dr. A. Rathinavelu
Principal, MCET

Convener:

Dr. S. Ramakrishnan
Professor and HOD - IT

Organizing Secretary:

Dr. P. Sathiyamurthi
AP (SS)/IT

Organizing Members:

Mr. N. Krishnaraj
AP / IT
Mr. J. Ramprasath
AP / IT
Mr. P. Ramprakash
AP / IT
Mr. N. Praveen Sundra Kumar
AP / IT
Ms. S. Soundariya
AP / IT



Workshop on
"Development of Real Time
Applications using IOT- A Hands on
Approach"

27th & 28th February 2020

Organized by
Department of
Information Technology

Dr. MAHALINGAM



COLLEGE OF ENGINEERING AND TECHNOLOGY
Enlightening Technical Minds

Dr. MAHALINGAM COLLEGE OF
ENGINEERING AND TECHNOLOGY

(An Autonomous Institution)
(Accredited by NBA, NAAC with
'A++' Grade)

Pollachi - 642003

Coimbatore(DT),

Tamilnadu

Phone: +91-4259-236030/40/50

Fax: +91-4259-236070

Website: www.drmcet.ac.in



Dr. Mahalingam College of Engineering and Technology, Pollachi - 642 003
Department of Information Technology

Workshop on Machine Learning and its Applications
(13.09.2019-14.09.2019)

Index

- Report
- Brochure
- Attendance sheet
- Sample certificate
- Approval letter
- Budget
- Feedbacks

Report

Dr. Mahalingam College of Engineering and Technology, Pollachi – 642 003

Department of Information Technology

19.09.2019

Report for Workshop on “Machine Learning and its Applications”
during 13th and 14th Sep 2019

Department of Information Technology has organized two days workshop on “Machine Learning and its Applications” for external and internal participants during 13th and 14th Sep 2019. Dr.S.Ramakrishnan, Professor and Head of IT dept, MCET welcomed the resource person and participants. Mr. R. Balachandar, Software Engineer (Data Science & Engineering) – TTS, Target Corporation India, Bangalore acted as resource person and shared his expertise on machine learning techniques for the entire 2 days. The workshop made the participants to have hands-on exposure towards classification and regression machine learning algorithms for real world applications using Python and Introduction to Tensor Flow. The session details of the workshop are as follows.

S. No.	Session	Topic
Day 1 – 13.09.2019 Friday		
1.	Session I – 10.00 AM to 11.00 AM	Fundamentals of Machine learning
2.	Session II – 11.15 AM to 1.00 PM	Linear Regression Problem
3.	Session III – 2.00 PM to 4:30 PM	ML with Python Programming basics (Hands-on)
Day 2 – 14.09.2019 Saturday		
4.	Session I – 9.00 AM to 11.00 AM	Gradient Descent Algorithm (Hands-on)
5.	Session II – 11.15 AM to 1.00 PM	Classification Problem, Logistic Regression Model (Hands-on)

6.	Session III – 2.00 PM to 3.15 PM	Applications: Handwriting Digit Recognition Accuracy Prediction and Optimization Tensorflow: Introduction to Tensorflow Use case: Image Recognition
----	----------------------------------	--

In Day 1, the technical topics covered are Fundamentals of Machine learning, Linear Regression Problem, and Hands-on in ML with Python Programming. In Day 2, hands on session is given for all the participants on Gradient Descent Algorithm, Classification Problem and Logistic Regression Model. Furthermore, the machine learning techniques is demonstrated through applications such as Handwriting Digit Recognition, Accuracy Prediction and Optimization. Introduction and hands on practice is provided on Tensor Flow which is an end-to-end open source platform for machine learning. Totally, 26 external and 12 internal participants participated in the workshop. Dr.A.S.Muthanantha Murugavel, organizing secretary delivered vote of thanks.

Outcome and follow-up this workshop:

- Participants had hands-on practice in developing machine learning based applications.
- Students can apply machine learning techniques in developing applications.
- Faculties can do research and guide students projects in the area of Machine Learning and its Applications.

We hereby sincerely thank our management for permitting and supporting us to organize the workshop.



Organizing Secretary

Dr.A.S.Muthanatha Murugavel

HOD/IT

Dr.S.Ramakrishnan

HOD - Information Technology
Dr. Mahalingam College of Engineering and Technology
Pollachi - 642 003



Brochure

Workshop on
**“Machine Learning and its
Applications”**

13.09.2019 and 14.09.2019

**Dr. Mahalingam College of
Engineering and Technology**
Pollachi - 642 003

Department of Information Technology

REGISTRATION FORM

I would like to participate in this workshop

Name: _____

Designation: _____

Department: _____

Institution/Organization: _____

Address: _____

Phone/Mobile: _____

E-Mail: _____

I have enclosed DD (in favour of
**“The Principal, Dr. Mahalingam College of
Engineering and Technology, Pollachi”** payable
at **Pollachi**) for the amount of
Rs. _____ only towards
registration fees.

DD Number _____

Date: _____

Bank & Branch: _____

Signature of the candidate

Organizing Committee

Chief Patron:

Dr. C. Ramaswamy
Secretary, NIA Educational Institutions

Chairman:

Dr. A. Rathinavelu
Principal, MCET

Convener:

Dr. S. Ramakrishnan
HOD - IT

Organizing Secretaries:

Dr.A.S.Muthanandha Murugavel
Associate Professor / IT

Ms.S.Ponni@Sathya
AP (SS) / IT

Organizing Members:

Ms.S.Nithya
AP(SS)/IT

Mr. K. Kanagasabapathi
AP / IT

Mr. J. Dhyaneswaran
AP / IT

Ms. A. G. Priya Varshini
AP / IT

Workshop on
**“Machine Learning and its
Applications”**

13.09.2019 and 14.09.2019

Organized by

**Department of
Information Technology**



COLLEGE OF ENGINEERING AND TECHNOLOGY
Enlightening Technical Minds Estd. 1998

An Autonomous Institution
(Since 2011)

**Dr. MAHALINGAM COLLEGE OF
ENGINEERING AND TECHNOLOGY**

(An Autonomous Institution)

(Accredited by NBA, NAAC
with 'A++' Grade)

Pollachi - 642003

Coimbatore (Dt), Tamilnadu

Phone: +91-4259-236030/40/50

Fax: +91-4259-236070

Website: www.mcet.in

Attendance Sheet

Dr. Mahalingam College of Engineering & Technology, Pollachi 642 003
(An Autonomous Institution)

Workshop on "Machine Learning and its Applications"
13th & 14th September 2019

Attendance sheet

S.No.	Name & Designation	Name of the college/Dept.	FN (13.9.19)	AN (13.9.19)	FN (14.9.19)	AN (14.9.19)
1.	A. Santhiya Student - final yr	Ambal professional Group of Institutions - CSE	A. Santhiya	A. Santhiya	A. Santhiya	A. Santhiya
2.	A. Rajeshwari Student - final yr	Ambal professional Group of Institutions - CSE	A. Rajeshwari	A. Rajeshwari	A. Rajeshwari	A. Rajeshwari
3.	M. Varatharaj Student - final yr	Ambal professional Group of Institutions - CSE	M. Vathij	M. Vathij	M. Vathij	M. Vathij
4.	V.S. Gowtham Student - second year	Sri Krishna College of Arts and Science - CSE	V.S. G	V.S. G	V.S. G	V.S. G
5.	S. HIRTHIK Student - Second year	Sri Krishna college of arts and science - CT	S. Hirthik	S. Hirthik	S. Hirthik	S. Hirthik
6.	S. Gunuprasath Student - Third Year	Sri Krishna college of arts and science (CT)	S. Gunuprasath	S. Gunuprasath	S. Gunuprasath	S. Gunuprasath
7.	K. Rajkumar Student - II nd year	Sri Krishna college of arts and science (C.S)	K. Rajkumar	K. Rajkumar	K. Rajkumar	K. Rajkumar
8.	M. Keshav S Student - III rd year	Nallamuru Gowder Mahalingam College (B.E., IT)	M. Keshav S	M. Keshav S	M. Keshav S	M. Keshav S
9.	Dr. M. Umasevi, ASP / CSE	EASA College of Engg. & Technology CSE	Dr. M. Umasevi	Dr. M. Umasevi	Dr. M. Umasevi	Dr. M. Umasevi
10.	R. Bhuvaneshwari, AP / CSE	Selvam College of Technology	R. Bhuvaneshwari	R. Bhuvaneshwari	R. Bhuvaneshwari	R. Bhuvaneshwari

Acc

S.No.	Name & Designation	Name of the college/Dept.	FN (13.9.19)	AN (13.9.19)	FN (14.9.19)	AN (14.9.19)
11.	C. Ranjeeth Kumar, Asst. Prof.	Sri Ramakrishna Engineering college, IT	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>
12.	B. Sabeena, Research Scholar	Avinashilingam University (School of Engineering) CSE	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>
13.	S. VETRIVEL STUDENT	Mahendragiri college of Engineering	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>
14.	A. C. Simathi Student	Mahendragiri College of Engineering (CSE)	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>
15.	Kanishkavauhini V. Student	KPR Institute of Engineering & Technology CSE - 2yr	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>
16.	Kavipriya K. Student	KPR Institute of Engineering & Technology CSE - 2yr	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>
17.	Kavya C Student	NOIM college CSE - 2yr	<i>[Signature]</i>	<i>[Signature]</i>		
18.	C. Keethana Asst. Prof. in CT	NGM college	<i>[Signature]</i>	<i>[Signature]</i>		
19.	G. Angayarkanni Research Scholar	NGM College	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>
20.	S. Arunkumar Student / III-yr/CSE	Fasa college of Engineering & Technology	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>
21.	D. SARTHIVEL ASSISTANT PROFESSOR	NEHRU ARTS & SCIENCE COLLEGE, DEPT. OF COMPUTER APPL.	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>
22.	G. BHUVAN KUMAR Student / III-yr/CSE	Kumarajaya College of Technology CSE	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>
23.	R. Jaswanthraj Student / II-year	UIT	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>

Acc

Acc

S.No.	Name & Designation	Name of the college/Dept.	FN (13.9.19)	FN (13.9.19)	FN (14.9.19)	AN (14.9.19)
1	Sudhansu.T 16BIT058	MCET/IT				
2	Gokul S 16BIT070	MCET/IT				
3	Dr. N. SUBA RANI AP(SG)/CSE	MCET/CSE				
4	P. BOOPATHI RASMAN AP/CSE	MCET/CSE				
5	YUVAN KARTHIK .K 17BIT013	MCET/IT				
6	NAVINKUMAR.M 17BIT001	MCET/IT				
7	S. NAWANETHA KRISHNAN (17BIT018)	MCET/IT				
8	R. Rajana (17BIT054)	MCET/IT				
9	D. Janani AP/IT	MCET/IT				
10	S. Soundariya AP/IT	MCET/IT				
11	L. Meenachi AP(SS)/IT	MCET/IT				
12	N. Krishnaraj AP/IT	MCET/IT				

Sample Certificate



Dr. MAHALINGAM
COLLEGE OF ENGINEERING AND TECHNOLOGY
Affiliated to Anna University, Chennai; Approved by AICTE ; Accredited by NAAC with Grade 'A++'
Accredited by NBA - Tier1 (Mech, Auto, Civil, EEE, ECE, E&I and CSE)
Udumalai Road, Pollachi - 642 003 Tel: 04259-236030/40/50 Fax: 04259-236070 www.mcet.in

Department of Information Technology

Workshop on
"MACHINE LEARNING AND ITS APPLICATIONS"

This is to certify that Mr. / Ms.of
.....has participated in
"MACHINE LEARNING AND ITS APPLICATIONS" *workshop held on 13th & 14th September 2019,*
organized by Department of Information Technology, Dr. Mahalingam College of Engineering and Technology,
Pollachi.

CONVENER
Dr. S. Ramakrishnan
HOD - IT

PRINCIPAL
Dr. A. Rathinavelu

Approval Letter

5A2SS

Dr.Mahalingam College of Engineering and Technology, Pollachi - 642003

Department of Information Technology

Date: 29.07.2019

Note submitted for kind approval:

Sub: Submitting proposal for organizing Workshop on "Machine learning and its applications" to be conducted between 13.09.2019 and 14.09.2019 organized by Department of Information Technology - approval requested - reg.

We have planned to organize two days workshop on "Machine Learning and its Applications" for external participants, faculty members and students of MCET IT Stream during 13.09.2019 and 14.09.2019. The resource person for this workshop will be Mr. Bala chandar Raju, Data Analyst, Target Corporation India Limited, Bengaluru. He has rich experience in Machine learning techniques and has conducted number of workshops on machine learning. This workshop will be helpful for the participants to learn about Machine learning algorithms and its applications in industry perspective.

Details	Internal participants	External participants from other colleges	External participants from industry	Total
No. of Participants expected	10	35	05	50

Budget for the above program:

Projected Receipts (Registration Fee, Sponsorships etc..)

Sl. No	Description (mode of receipts)	Nos	Projected amount Rs.	
1.	Registration fees	Student & Faculty - Rs.600 Per Participant	35	21,000
		Industry Participants - Rs.1000 Per Participant	05	5,000
		Internal Participants - Nil	10	-
Total Rs.			26,000	

Proposed Expenses for the program (Approx.)

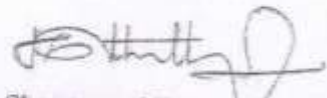
Sl. No	Name of the Item	Quantity	Rate in Rs./unit	Total cost Rs.	Mode of arrangement	Remarks
1.	Brochure postal charges and post cover	150	7	1,050	MCET Office	
2.	Brochure printing and designing charges	150	7	1,050	NIA Printing Division	
3.	Certificate, ID card designing and printing charges	50	25	1,250	NIA Printing Division	
4.	Banner designing and printing charges	1	650	650	NIA Printing Division	
5.	Lunch for 40 External participants 2 day	80	40	3,200	NIA Hostel Mess	
6.	Refreshment for 60 Participants 4 session	240	10	2,400	Aryaas canteen	
7.	Workshop Registration Kit & Stationary items for the workshop	50	20	1,000	NIA Book Depot	
8.	Accommodation required for External participants (Approximately 10 - Boys and 5 - Girls)	15	-	-	NIA Hostel	will bare by the participants
9.	Honorarium for resource person (2 days * Rs.4000 per day) (Full day)		-	8,000	MCET office	
10.	Travel expenses for resource person: Bangalore to Pollachi (to and fro)		-	2,000	MCET office	
Total Expenses in Rs.				20,600/-		

Budget for the FY 2019-20 (Phase I)


Particulars	Proposed budget Rs.	Actual spent till date Rs.	Available budget Rs.	Now requested
Budget head	25,000/-	490/-	24,510/-	20,600/-

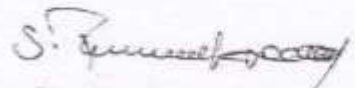
In this regard, we request your kind approval for organizing the workshop and provide the logistics for the same.

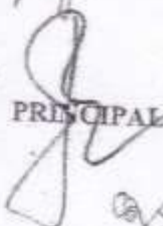
Thanking you.

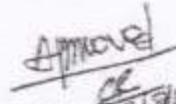

Signature of Faculty Member

(Dr.A.S.Muthanantha
Murugavel, Asso.Prof/ IT


Signature of Budget Coordinator
(Mr.P.Sathiyamurthi, AP(SS)/IT)


Signature of HOD/IT
Dr.S.Ramakrishnan

Teek Synu pays
to 14 sept

PRINCIPAL


SECRETARY

Encl: Workshop schedule and Bio-data of resource person

Budget

Note Submitted:

Sub: Requisition to deposit the amount collected for the two day workshop on "Machine Learning and its Applications" in MCET office - reg.

We are organizing two day workshop on "Machine Learning and its Applications" for external and internal participants on 13th & 14th September 2019. In this regard we have collected Rs.15,600/- (Fifteen thousand six hundred only) ^{from} from the External participants. Hence approval is requested to deposit the amount in MCET office.

The details of participants attended and amount collected are furnished below,

Sr	Name of the Participants	Institution Name	Receipt No.	Amount Rs.
1.	Dr.M.Umaselvi	EASA College of Engineering and Technology,	1	600.00
2.	Mr.S.Arunkumar	Coimbatore	2	600.00
3.	Ms.R.Bhuvaneshwari	Selvam college of Technology, Namakkal	3	600.00
	Ms.C.Keerthana	Nallamuthu Gounder Mahalingam College, Pollachi	4	600.00
	Ms.G.Angayarkanni		5	600.00
	Ms.K.Kavipriya	KPR Institute of Engineering and Technology, Arasur	6	600.00
	Ms.V.Kanishkavarshini	KPR Institute of Engineering and Technology, Arasur	7	600.00
8.	Mr.S.Vetrivel	Mahendra College of Engineering, Salem	8	600.00
9.	Ms.A.C.Srimathi		9	600.00
10.	Mr.S.Mukesh	Nallamuthu Gounder Mahalingam College, Pollachi	10	600.00
11.	Ms.C.Kavya		11	600.00
12.	Ms.A.Santhiya	Ambal Professional Group of Institutions, Palladam	12	600.00
13.	Ms.A.Rajeshwari		13	600.00
14.	Mr.M.Varatharaj		14	600.00
15.	Mr.T.Ramprassana	Kumaraguru College of Technology, Coimbatore	15	600.00
16.	Mr.G.Bhuvankumar		16	600.00
17.	Mr.R.Jaswanthraj	United Institute of Technology, Coimbatore	17	600.00
18.	Mr.K.Ragulvignesh	Sri Krishna Arts and Science Collage, Coimbatore	18	600.00
19.	Mr.S.Hirthik		19	600.00
20.	Mr.S.Guruprasath		20	600.00
	Mr.V.S.Gowtham		21	600.00
		Total		12,600.00
22.	Mr.C.Ranjeeth Kumar	Sri Ramakrishna Engineering College, Coimbatore DD No:123054, South Indian Bank,Date:3.9.19	22	600.00
23.	Mr.D.Sakthivel	Nehru Arts and Science College, Coimbatore DD No:715854, Canara Bank, Date:9.9.19	23	600.00
24.	Ms.G.Vanitha	Avinashilingam College, Coimbatore DD No:957797, Indian Bank,Date:30.8.19	24	600.00
25.	Ms.P.Shree Nandhini	Avinashilingam College, Coimbatore DD No:957796, Indian Bank,Date:30.8.19	25	600.00
26.	Ms.B.Sabeena	Avinashilingam University(School of Engineering), Coimbatore DD No:123055, South Indian Bank,Date:3.9.19	26	600.00
			GRAND TOTAL	15,600.00

Denomination:

2000 x 1 = 2,000

500 x 19 = 9,500

200 X 2 = 400

100X 7 = 700

TOTAL = 12,600

mount [₹] collected
on 13/09/19. ✓

S. Ramakrishnan
HoD/IT
(Dr.S.Ramakrishnan)

Principal



Feedbacks

FEEDBACK FORM

Name of the Participant : *G. Vanitha*

1. Communication by the Speakers
a. a. Excellent b. Good c. Average d. Satisfactory
2. Effectiveness of the program
a. a. Excellent b. Good c. Average d. Satisfactory
3. Content Delivered during the Course
a. a. Excellent b. Good c. Average d. Satisfactory
4. Knowledge Gained during the Course
a. a. Excellent b. Good c. Average d. Satisfactory

Any other suggestions :

Try to implement more information.

FEEDBACK FORM

Name of the Participant : *G. Angayarkanni*

1. Communication by the Speakers
a. a. Excellent b. Good c. Average d. Satisfactory
2. Effectiveness of the program
a. a. Excellent b. Good c. Average d. Satisfactory
3. Content Delivered during the Course
a. a. Excellent b. Good c. Average d. Satisfactory
4. Knowledge Gained during the Course
a. a. Excellent b. Good c. Average d. Satisfactory

Any other suggestions :

Registration Form

Workshop on
"Machine Learning and its
Applications"

13.09.2019 and 14.09.2019

Dr. Mahalingam College of
Engineering and Technology
Pollachi - 642 003

Department of Information Technology

REGISTRATION FORM

I would like to participate in this workshop

Name: C. Ranjeeth Kumar

Designation: Assistant Professor (Sr. Gr)

Department: Information Technology

Institution/Organization: Sri Ramakrishna
Engineering College, Coimbatore

Address: Vatta malaipalayam,
N.H.40 colony (P.O) - Cbe.

Phone/Mobile: 9655675422

E-Mail: ranjeeth.chandran@sree.ac.in

I have enclosed DD (in favour of
"The Principal, Dr. Mahalingam College of
Engineering and Technology, Pollachi" payable
at Pollachi) for the amount of
Rs. 600 only towards
registration fees.

DD Number 123054

Date: 03-09-2019

Bank & Branch: South Indian Bank, Nuthakalmyand.

Signature of the candidate Ranjeeth

Organizing Committee

Chief Patron:

Dr. C. Ramaswamy
Secretary, NIA Educational Institutions

Chairman:

Dr. A. Rathinavelu
Principal, MCET

Convener:

Dr. S. Ramakrishnan
HOD - IT

Organizing Secretaries:

Dr. A.S. Muthanandha Murugavel
Associate Professor / IT

Ms. S. Ponni@sathya
AP (SS) / IT

Organizing Members:

Ms. S. Nithya
AP(SS)/IT

Mr. K. Kanagasabapathi
AP / IT

Mr. J. Dhyaneswaran
AP / IT

Ms. A. G. Priya Varshini
AP / IT

Workshop on
"Machine Learning and its
Applications"

13.09.2019 and 14.09.2019

Organized by

**Department of
Information Technology**



Dr. MAHALINGAM
COLLEGE OF ENGINEERING AND TECHNOLOGY
Enlightening Technical Minds Estd. 1998

An Autonomous Institution
(Since 2011)

**Dr. MAHALINGAM COLLEGE OF
ENGINEERING AND TECHNOLOGY**

(An Autonomous Institution)

(Accredited by NBA, NAAC
with 'A++' Grade)

Pollachi - 642003

Coimbatore (Dt), Tamilnadu

Phone: +91-4259-236030/40/50

Fax: +91-4259-236070

Website: www.mcet.in

Workshop on
"Machine Learning and its
Applications"

13.09.2019 and 14.09.2019

Dr. Mahalingam College of
Engineering and Technology
Pollachi - 642 003

Department of Information Technology

REGISTRATION FORM

I would like to participate in this workshop

Name: B. Sabeena

Designation: Research scholar

Department: CSE

Institution/Organization: Airashilingam

Institute for Home Science & Higher Education

Address: Ayya Airashilingam nagar, for women

Nalapatrayam, Thadagam Post, Cheruk

Phone/Mobile: 9787557872

E-Mail: sabeena.bheeman@gmail.com

I have enclosed DD (in favour of
"The Principal, Dr. Mahalingam College of
Engineering and Technology, Pollachi" payable
at Pollachi) for the amount of
Rs. 600 only towards
registration fees.

DD Number 123055

Date: 03-09-2019

Bank & Branch: South Indian Bank, New Colony Branch.

Signature of the candidate B. Sabeena

3/9/19

Organizing Committee

Chief Patron:

Dr. C. Ramaswamy
Secretary, NIA Educational Institutions

Chairman:

Dr. A. Rathinavelu
Principal, MCET

Convener:

Dr. S. Ramakrishnan
HOD - IT

Organizing Secretaries:

Dr. A. S. Muthanandha Murugavel
Associate Professor / IT

Ms. S. Ponni@sathya
AP (SS) / IT

Organizing Members:

Ms. S. Nithya
AP(SS)/IT

Mr. K. Kanagasabapathi
AP / IT

Mr. J. Dhyaneswaran
AP / IT

Ms. A. G. Priya Varshini
AP / IT

Workshop on
"Machine Learning and its
Applications"

13.09.2019 and 14.09.2019

Organized by

Department of
Information Technology



COLLEGE OF ENGINEERING AND TECHNOLOGY
Enlightening Technical Minds Estd. 1998

An Autonomous Institution
(Since 2011)

Dr. MAHALINGAM COLLEGE OF
ENGINEERING AND TECHNOLOGY

(An Autonomous Institution)

(Accredited by NBA, NAAC

with 'A++' Grade)

Pollachi - 642003

Coimbatore (Dt), Tamilnadu

Phone: +91-4259-236030/40/50

Fax: +91-4259-236070

Website: www.mcet.in

Dr. Mahalingam College of Engineering and Technology, Pollachi - 642 003
Department of Information Technology

Ninth National Conference on Computing and Communication (NCCC 2020)
(06.03.2020)

Index

- Report
- Brochure
- Attendance sheet
- Sample certificate
- Approval letter
- Budget
- Feedbacks
- Registration form

Report

Dr.Mahalingam College of Engineering & Technology, Pollachi-3
(An Autonomous Institution)
Departments of CSE, IT& MCA

Ninth National Conference on Computing and Communication
(NCCC 2020)

6th March 2020

Ninth National Conference on Computing and Communication (NCCC'20) held on 6th March 2020 was organized collaboratively by the departments of Computer Science, Information Technology and MCA of Dr.Mahalingam college of Engineering and Technology, Pollachi.

Inaugural function

The Conference commenced with the welcome address by Dr.S.Ramakrishnan, Prof. & Head, Department of IT, MCET in Electrical Seminar Hall at 10.00am. Dr.S.Venkatapathy Subramanian, Program Director- Rural Youth Initiatives Coimbatore, released the conference proceedings and delivered the inaugural address. Dr.S.Venkatapathy Subramanian delivered the key note address on the idea of VR, Data Science, era of Technology and etc. He emphasized the importance of era of Technology in real world applications and motivated the students to involve in projects related to VR, Data Science and Machine Learning.

Conference Paper particulars

The papers in the area of Data Mining, Internet of Things, Image Processing, Soft computing, Cloud Computing, Social Networks and Information Security were received from various institutions.

Details	Count
Total number of papers received	25
Total number of papers accepted	22
Total number of papers registered	15
Total number of participants attended the conference	17

The participants from institutions such as Anna University, Chennai, Rajalakshmi College of Engineering and Technology, Chennai, Government College of Technology, Coimbatore, Government College of Engineering, Bodinayakanur and Karpagam College of Engineering, Coimbatore, NGM College etc., presented their papers.

Session: I

Session-I commenced at 11.45 am in the Electrical Seminar Hall. The session in charges were Dr.A.P.Janani, Asso. Prof/IT and Dr. N. Senthil Madasamy, Asso. Prof/CSE. Participants from various institutions presented 8 papers.

Session: II


Session-II commenced at 02:30 pm in the Electrical Seminar Hall. The session in charges were Mr.Muthusamy, AP (SS) and Dr.A.Noble Mary Juliet, Asso. Prof/CSE. Participants from various institutions presented 7 papers.

Valedictory

The day ended with the Valedictory function at 3.50 pm in Electrical Seminar Hall. The conference report was given by Dr.Pandi, AP (SG)/CSE. The external and internal participants gave their feedback on hospitality and knowledge gained. Chief Guest distributed the certificates to the participants. Dr.A.B.Arockia Christopher, AP (SG)/IT delivered vote of thanks.

The details of expenses given below:

Overall Expenses	Rs.14,475/-
Total Income through registration	Rs.9,390/-
Management Contribution	Rs.5085/-


Organizing Secretary
[Dr. A. B. Arockia Christopher] [Dr. N. Pandi]




Convener
HOD - Information Technology
Dr. Mahalingam College of Engineering and Technology
Pollachi - 642 003

Dr.Mahalingam College of Engineering & Technology, Pollachi-3
(An Autonomous Institution)
Departments of CSE, IT& MCA

Ninth National Conference on Computing and Communication
(NCCC 2020)
6th March 2020

Ninth National Conference on Computing and Communication (NCCC'20) held on 6th March 2020 was organized collaboratively by the departments of Computer Science, Information Technology and MCA of Dr.Mahalingam college of Engineering and Technology, Pollachi.



Brochure

**Ninth National Conference on
COMPUTING AND
COMMUNICATION**

(NCCC' 20)

6th March 2020

Organized by

**Department of CSE, IT & MCA
(IT Stream)**

**Dr. Mahalingam College of Engineering &
Technology, Pollachi**

Registration form

Name :

Organization:

Address :

Mobile :

Email :

Nature of Participant

Industry Delegate Academic Staff

Research Scholar Student

Amount Paid :

D.D Details

D.D. Number :

Bank Name :

Date :

Title of the paper :

Please fill the registration form and mail it to the organizing secretary along with the appropriate demand draft in favor of The Principal, Dr. Mahalingam College of Engineering and Technology payable at Pollachi.

Date

Signature

INSTITUTION PROFILE

Dr. Mahalingam College of Engineering and Technology (MCET) was established in the year 1998 by Dr. M. MANICKAM with a view to commemorate the 75th birthday of his beloved father Arutchelvar Dr. N. MAHALINGAM. The mission of MCET is to impart high quality competency based education in Engineering & Technology to the younger generation with the required skills and abilities to face the challenging needs of the industry around the globe.

MCET is a self-financing, co-educational Autonomous Engineering College and it is approved by All India Council for Technical Education (AICTE), New Delhi & affiliated to Anna University. The Institute has been accredited by NAAC with A++ and 7 UG Programmes (CSE, EEE, EIE, ECE, Civil, Mech., Auto.) are accredited with Tier-1 by NBA. MCET currently offers 9 UG, 5 PG programmes and 5 Doctoral programmes

DEPARTMENT PROFILE

The department of CSE was established in the year 1998. It is accredited by National Board of Accreditation (Tier1), AICTE. The department offers four year Bachelor of Engineering course with annual in-take of 120 students and also offers one PG programme M.E Computer Science and Engineering and one Doctoral Programme.

The department of IT was established in the year 1999. It is accredited by National Board of Accreditation (Tier1), AICTE. The department offers four year Bachelor of Technology course with annual in-take of 120 students.

The department of MCA was started in the year 2001. The department is committed to provide state-of-art computer applications on par with industry standards.

During the last 10 years, the departments have conducted handful of National Conferences and Seminars sponsored by AICTE, CSIR and DRDO. The departments have signed MoUs with reputed industries like Infosys, EMC, CISCO, Oracle, SAP, etc.

**Ninth
National Conference on
COMPUTING AND
COMMUNICATION**

(NCCC' 20)

6th March 2020

Dr. MAHALINGAM



COLLEGE OF ENGINEERING AND TECHNOLOGY

Enlightening Technical Minds Estd. 1998

**An Autonomous Institution
(Since 2011)**

Organized by

**Department of CSE, IT & MCA
(IT Stream)**

**Dr. MAHALINGAM COLLEGE OF
ENGINEERING AND TECHNOLOGY**

(An Autonomous,
NAAC with 'A++' Grade Institution)

Pollachi - 642 003.

Coimbatore District, Tamil Nadu

Phone: +91-4259-236030/40/50

Fax: +91-4259-236070

website: www.mcet.in

ABOUT THE CONFERENCE

The conference (NCCC '20) aims to bring out and share innovative ideas on emerging technologies in computing and communication. The goal of the conference is to bring together researchers, academicians, students and industry experts under a single roof. It will be an excellent opportunity to present, demonstrate and discuss research developments, applications, latest innovations and results in the field of information and communication technologies.

CALL FOR PAPERS

The topics of interest are given below, but not limited to:

- Network Security
- Grid Computing
- Data Science
- Image Processing
- Cloud Computing
- Multimedia Systems
- Biometrics
- Signal Processing
- HCI
- Speech Technologies
- Big Data
- Machine Learning
- Artificial Intelligence
- Mobile Computing
- Mobile Adhoc Networks
- Knowledge based systems
- Web based Services
- Open source Technologies
- Soft Computing
- Enterprise Computing
- Social Networking
- Software Engineering
- IOT
- Virtual Reality

GUIDELINES FOR PAPERS

The authors are requested to submit the hard copy of the paper in IEEE double column format with maximum of 6 pages [Paper Size: A4, Font Type: Times New Roman, Font Size: 10 points] as well as submit the soft copy of the paper through mail nccc20@drmcet.ac.in not later than February 28th 2020. First sheet should only contain the title, name(s) of the author(s), affiliation and a brief abstract between 150 to 300 words. The intimation of acceptance will be given to the author on March 02nd 2020.

ORGANIZING COMMITTEE

Chairman

Dr. C. Ramaswamy
Secretary,
NIA Educational Institutions

Co-Chairman

Dr. A. Rathinavelu
Principal, MCET

Convenors

Dr. S. Ramakrishnan
HOD-IT, MCET

Dr. G. Anupriya
HOD - CSE, MCET

Mr. R. Muthusami
HOD i/c - MCA, MCET

Organizing Secretaries

Dr. A. B. Arockia Christopher
Assistant Professor (SG) /IT

Dr. M. Pandi
Assistant Professor (SG) / CSE

Dr. K. Karpagam
Assistant Professor /MCA

PUBLICATIONS

Selected papers of NCCC'20 will be published in any one of the following journals listed below with authors consent

- International Journal of Advances in Computer and Electronics Engineering
- ICTACT- International Journal of Soft Computing
- International Journal of Advanced Networking and Applications

REGISTRATION DETAILS

All conference delegates should register and pay the registration fee. Registration fee includes conference proceedings, kit, refreshments and lunch.

Participant	Registration Fee <small>(including GST 18%)</small>
Student/ Research Scholar	Rs. 590/-
Faculty Member/ Industry Delegate	Rs. 885/-

DD should be taken in favor of "The Principal, Dr. Mahalingam College of Engineering and Technology", payable at Pollachi.

DATES TO REMEMBER

Last date for paper submission : 28.02.20
Date of Acceptance : 02.03.20
Last date for camera ready paper : 04.03.20

ADDRESS FOR COMMUNICATION

Organizing Secretary- NCCC'20
Department of CSE,IT & MCA
Dr. Mahalingam College of Engineering and Technology
Makkinampatti Post, Udumalai Road,
Pollachi - 642003
Coimbatore (Dist.) Tamilnadu.

Mobile No : 8300065828 / 9994359938

Tel : (04259) 236030 / 40 / 50

Email : nccc20@drmcet.ac.in

Website : <http://www.mcet.in>

Attendance Sheet

Dr. Mahalingam College of Engineering and Technology, Pollachi-3
9th National Conference on Computing and Communication (NCCC'20)
Paper Status

External

S.No	Paper ID	Title of the Paper	Author's Name	Mail ID	Contact No	Institution Name	Sign
1.	NCCC21	Performance Analysis of Reed-Solomon codes in Digital Communication systems using LabVIEW	G. Durga Priyadharshini	durgagovindarajan@gmail.com	8508485053	GCT, Coimbatore	G.D.P
2.	NCCC20	BER Performance analysis of convolutional encoders using digital	S. Madumitha	madumitha97@gmail.com	975141066	GCT, Coimbatore	S.Madumitha
3.	NCCC23	Heterogeneous ensemble classification algorithm to track the output of IoT to Predict glassifier	T. R. M. Raju	rajuraju82@gmail.com	7373066259	NJM, Pollachi	T.R.M. Raju
4.	NCCC15	Security Issues: A Survey Peer-to-Peer Networks	A.B. Antony Anderson A. John Sanjeev Kumar	longhore@gmail.com	8508126488	Anna university Chennai	A.B. Antony Anderson
5.	NCCC22	IoT Based Home Automation System over the cloud	Dr. D. Raghupathu Kumar	-	8523980483	GCT, Bodinayakanur	D.R. Kumar

Sample Certificate



COLLEGE OF ENGINEERING AND TECHNOLOGY
Brightening Technical Minds Estd. 1998

An Autonomous Institution
(Since 2011)

Dr. MAHALINGAM

COLLEGE OF ENGINEERING AND TECHNOLOGY


Affiliated to Anna University, Chennai; Approved by AICTE ; Accredited by NAAC with Grade 'A++'

Accredited by NBA - Tier1 (Mech, Auto, Civil, EEE, ECE, E&I and CSE)

Udumalai Road, Pollachi - 642 003. Tel: 04259-236030/40/50 Fax: 04259-236070 www.mcet.in

9th National Conference on Computing and Communication (NCCC'20)

This is to certify that Mr. / Ms. Dr. A. John Sanjeev Kumar.....of
Anna University, Chennai.....has presented / published a
paper titled Security issues: A Survey Peer-To-Peer Network in
"9th National Conference on Computing and Communication - 2020 (NCCC'20)" organised by Departments
of CSE, IT & MCA (ITStream) on 6th March 2020.


Convener


Principal
Dr. A. Rathinavelu

Approval Letter

Dr. Mahalingam College of Engineering & Technology, Pollachi 642 003

(An Autonomous Institution, Accredited by NAAC)

Department of CSE, IT and MCA (IT Stream)

22.01.2020

Submitted for kind approval:

Sub: National Conference -Permission Requested -reg.


IT stream (CSE, IT and MCA) has a plan of organizing "9th National Conference on Computing and Communication" on 6th March 2020. The details of the proposed conference have been furnished below for your kind approval.

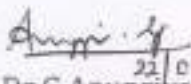
Details of proposed conference NCCC 2020

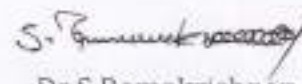
- a) Title of the National Conference : 9th National Conference on Computing and Communication (NCCC'20)
- b) Scheduled Date : 6th March 2020
- c) Budget Summary:

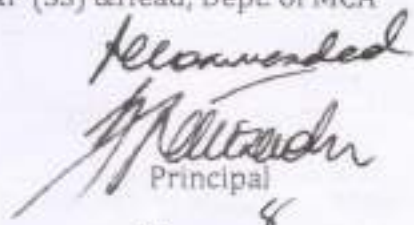
Particulars	Budget in Rs. (Approx.)
Amount Expected through Registration	25,000/-
Expenses for Conference	35,450/-
Management Contribution(Approx.) -To be shared among CSE, IT & MCA Departments	10,450/-

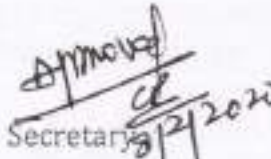
We kindly request you to provide approval for the same.


Mr. R. Muthusami
AP (SS) & Head, Dept. of MCA


Dr. G. Anupriya
Prof. & Head, Dept. of CSE


Dr. S. Ramakrishnan
Prof. & Head, Dept. of IT


Principal


Secretary

Enclosures:

1. Tentative Conference Brochure
2. Tentative Budget

Budget

Dr. Mahalingam College of Engineering & Technology, Pollachi 642 003
 (An Autonomous Institution, Accredited by NACC)
 Department of CSE, IT and MCA (IT Stream)
Budget of National Conference on Computing and Communication '20
 Date of the conference: 6th March 2020

Registration Fees:

Faculty from college / University : Rs.750/- + 18% GST(135/-) = Rs. 885/-
 Research Scholars & Students : Rs.500/- + 18% GST(90/-) = Rs. 590/-
 Internal Student Participants : Rs.250/- + 18% GST(45/-) = Rs. 295/-

Expected Participants (Approx.)

: 50
 External Student Participants : 30 x 500/- = Rs. 15,000/-
 External Faculty Participants : 10 x 750/- = Rs. 7,500/-
 Internal Student Participants : 10 x 250/- = Rs. 2,500/-

 Rs.25, 000/-
 (Including 18% GST)Rs. 4, 500/-


Rs. 29,500 /-

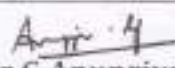
Budget (Approximate):

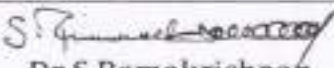
S.No.	Purpose	Quantity	Unit Rate (RS)	Amount (Rs.)	Mode of Arrangement	Remarks
1.	Registration Kit (Folder, Notepad, Pen)	55	50.00	2,750.00	NIA Book Depot	
2.	Proceedings (CD)	55	20.00	1,100.00		
3.	Certificates	55	20.00	1,100.00	DTP Section	
4.	Banners	5	600.00	3,000.00		
5.	Brochures, Invitations, Postal Charges	200	10.00	2,000.00	MCET - Office	
6.	Guests / Resource Persons Honorarium	1	4,000.00	4,000.00	NEFT	As per Memo 2/1/20
7.	Travelling Expenses (Air ticket)	1	10,000.00	10,000.00	NIA Book Depot	
8.	Refreshment (100* 2 sessions)	200	15.00	3,000.00	Hotel Aryaas	
9.	Lunch	75	80.00	6,000.00	MCET Hostel	
10.	Incidental expenses (photo, Bouquet, Memento, others)			2,500.00	NIA Book Depot	
Total:				35,450.00		
Amount Expected through Registration: Rs. 25,000/-						
Expected Management Contribution: Rs. 10,450/- (Rs.35,450-Rs.25,000)						

Budget 2019-20(Phase II)

Department	Particulars	Proposed Budget	Amount Spent	Balance Amount	Now requested amount
MCA	6(a) Organizing seminar/workshop/Conference/FDP/STTP	Rs.40,000	Rs.3,892	Rs.36,108	Rs.3,450
CSE		Rs.50,000	Rs.5,524	Rs.44,476	Rs.3,500
IT		Rs.35,000	Nil	Rs.35,000	Rs. 3,500


 Mr.R.Muthusami
 AP (SS) &Head, Dept. of MCA


 Dr.G.Anupriya
 Prof. & Head, Dept. of CSE


 Dr.S.Ramakrishnan
 Prof. & Head, Dept. of IT

Feedbacks

9th National Conference on Computing and Communication- NCCC'20
06th March 2020

FEEDBACK FORM

Name of the Participant : C. Sivaramakrishnan Email id: sivaramakrishnan@outlook.in
College Name : Dr. Mahalingam College of Engineering & Technology

1. Program Organization and Hospitality
a. Excellent b. Good c. Average d. Satisfactory
2. Effectiveness of the program
a. Excellent b. Good c. Average d. Satisfactory
3. Knowledge Gained during the Conference
a. Excellent b. Good c. Average d. Satisfactory
4. Topics Covered in the Conference
a. Excellent b. Good c. Average d. Satisfactory
5. Quality of reviewing the papers
a. Excellent b. Good c. Average d. Satisfactory
6. Interaction during the presentations
a. Excellent b. Good c. Average d. Satisfactory

Any other Suggestion _____

C. Sivaramakrishnan
Signature of the Participant

9th National Conference on Computing and Communication- NCCC'20
06th March 2020


FEEDBACK FORM

Name of the Participant : G. Nattharajini
College Name : DA-MCOET

Email id: nattharajini@gmail.com

1. Program Organization and Hospitality
a. Excellent b. Good c. Average d. Satisfactory
2. Effectiveness of the program
a. Excellent b. Good c. Average d. Satisfactory
3. Knowledge Gained during the Conference
a. Excellent b. Good c. Average d. Satisfactory
4. Topics Covered in the Conference
a. Excellent b. Good c. Average d. Satisfactory
5. Quality of reviewing the papers
a. Excellent b. Good c. Average d. Satisfactory
6. Interaction during the presentations
a. Excellent b. Good c. Average d. Satisfactory

Any other Suggestion _____


Signature of the Participant

Registration Form

Ninth National Conference on
**COMPUTING AND
COMMUNICATION**

(NCCC' 20)

6th March 2020

Organized by

Department of CSE, IT & MCA
(IT Stream)

Dr. Mahalingam College of Engineering &
Technology, Pollachi

Registration form

Name : *S. Shimona*

Organization : *DC MLET*

Address : *11 PNG Nagar, Mahalingapuram,
Pollachi*

Mobile : *8870251260*

Email : *shimonasimona@gmail.com*

Nature of Participant

Industry Delegate Academic Staff

Research Scholar Student

Amount Paid : *Rs 250*

D.D Details

D.D. Number :

Bank Name :

Date : *6/3/20*

Title of the paper : *Privacy Preservation of Data using
Classification and Anonymisation Technique*

Please fill the registration form and mail
it to the organizing secretary along with the
appropriate demand draft in favor of The Principal,
Dr. Mahalingam College of Engineering and
Technology payable at Pollachi.

6/3/20
Date

S Shimona
Signature

Ninth National Conference on
**COMPUTING AND
COMMUNICATION**

(NCCC' 20)

6th March 2020

Organized by

Department of CSE, IT & MCA
(IT Stream)

Dr. Mahalingam College of Engineering &
Technology, Pollachi

Registration form

Name : P. Praveen Kumar, T.

Organization : Ngm College

Address : Pollachi - 642002

Mobile : 9373066259

Email : P.praveen@ngm.ac.in

Nature of Participant

Industry Delegate Academic Staff

Research Scholar Student

Amount Paid : 590/-

D.D Details

D.D. Number :

Bank Name :

Date :

Title of the paper : Heuristic based Invariant

Classification algorithm for IT in
data mining

Please fill the registration form and mail
it to the organizing secretary along with the
appropriate demand draft in favor of The Principal,
Dr. Mahalingam College of Engineering and
Technology payable at Pollachi.

Date 6/3/2020

[Signature]
Secretary