PRATHYUSHA ENGINEERING COLLEGE

CRITERIA 6

Governance, Leadership and Management

6.3.3

6.3.3 Average number of professional development / administrative training programs organized by the institution for teaching and non teaching staff

2017-2018

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

Dept	Year	Dates (From-To) (dd-mm-yyyy)	Title Of The Professional Development Program Organised For Teaching Staff	Title Of The Administrative Training Program Organised For Non-Teaching Staff	No. Of Participants
ACADEMIC YEAR 2017-2018					
BIOTECH	2017-2018	-	Conference	-	-
CIVIL	2017-2018	-	-	-	-
CSE & IT	2017-2018	30/11/2017 - 1/12/2017	Machine Learning With R	-	12
CSE & IT	2017-2018	19/08/2017	Python Programming	-	21
CSE & IT	2017-2018	19/12/2017	Infosys Campus Connect Peer Enablement Programme On Fp4.1	-	21
CSE & IT	2017-2018	31/07/2017	Infosys Campus Connect Peer Enablement Program On Soft Skills	-	6
ECE	2017-2018	19.06.2017-20.06.2017 & 03.07.2017-08.07.2017	My Daq & Rio	-	26
EEE	2017-2018	27.02.2018 & 28.02.2018	International Conference -Aeeicb-2018	-	29
MECH	2017-2018	7.06.2017	Workshop "Design Of Experiments (Doe)"	-	15
S&H	2017-2018	-	-	-	-

PRATHYUSHA ENGINEERING COLLEGE

ES ID: 2001

IEEE

Approved by AICTE & Affiliated to Anna University / NAAC accredited "A" Grade &NBA accredited
Poonamallee - Tiruvallur High Road, Next to Thirumazhisai, Chennai-602025

Invitation

of

AEEICB - 2018

4th IEEE International Conference

on

Advances in Electrical, Electronics, Information, Communication and Bio-Informatics

27th & 28th February, 2018

Sponsored by IEEE & Young Professional Affinity Group

Knowledge Partners

campus connect

LabVIEW

IBM Career Education

Harita

CISCO Networking Academy

The Management, Faculty and Students of

PRATHYUSHA ENGINEERING COLLEGE

Most Cordially invite you to the

Inaugural function of

AEEICB - 2018

4th IEEE International Conference

ADVANCES IN ELECTRICAL, ELECTRONICS, INFORMATION, COMMUNICATION AND BIO-INFORMATICS

at 10.00 a.m. on Tuesday, 27th February 2018, at PEC Auditorium

Dr. D.SENTHIL KUMAR
Scientist 'F',MTRDC,
DRDO , Bangalore

has kindly consented to be the Chief Guest and deliver the Inaugural address

Dr.P.SANJEEVI KUMAR
Professor / EEE,
Aalborg University, Denmark
will deliver keynote address

Shri. P. RAJA RAO
Chairman, Prathyusha Engineering college
will preside over the function

Dr. M.Moorthi
CONFERENCE CHAIR

Dr. P.L.N.Ramesh
PRINCIPAL

The Management, Faculty and Students of

PRATHYUSHA ENGINEERING COLLEGE

Most Cordially invite you to the

Valedictory function of

AEEICB - 2018

4 th IEEE International Conference

ADVANCES IN ELECTRICAL, ELECTRONICS, INFORMATION, COMMUNICATION AND BIO-INFORMATICS

at 2.00 p.m. on Wednesday, 28 th February 2018, at PEC Auditorium

Dr.G.GIRIDHAR
Deputy Director General / Head (SRRA)
Ministry of New & Renewable Energy
Govt of India, NIWE.

has kindly consented to be the Chief Guest and deliver the valedictory address

Sri. M.Vasu	Smt. P.Prathyusha	Sri. P.Raja Rao
ADVISOR	**CEO**	**CHAIRMAN**

PROGRAMME SCHEDULE

27.02.2018	09.00 a.m. - 10.00 a.m.	Registration
27.02.2018	10.00 a.m. - 11.00 a.m.	Inaugural Function
27.02.2018	01.00 p.m. - 04.30 p.m.	Invited Talks & Paper Presentation
28.02.2018	09.00 a.m. - 12.30 p.m.	Invited Talks & Paper Presentation
28.02.2018	02.00 p.m - 03.00 p.m.	Valedictory Function

INVITED TALK / PAPER PRESENTATION

Session	Guest/Chair	Topic	Date& Time	Venue
1	Dr. D.Senthil Kumar Scientist 'F',MTRDC, DRDO , Bangalore	Recent Trends in Engineering Field	27.02.2018 10.30 a.m.	Seminar Hall Main Block
2	Dr. P.Sanjeevikumar, Prof/EEE,Aalborg University, Denmark	Advancement in Power System	27.02.2018 11.00 p.m.	Seminar Hall Main Block
3	Dr.M.Venkateshkumar, Chair, IEEE Young Professional Affinity	Application of Neural Network In Power Electronics	27.02.2018 1.00 p.m.	NIWETAM Hall Collaboration Building
4	Dr. V N Mani, C-MET, Hyderabad	Fabrication of Advanced Nano-Electronic Materials and Devices for Space and Defense Application	27.02.2018 1.00 p.m.	Microsoft Lab Mega Lab
5	Dr.Vydeki, WIE ,IEEE Madras section	Security for Wireless Network	27.02.2018 1.00 p.m.	Adobe Lab Mega Lab
6	Dr.PSR.Murthy, Professor - BioTech, Adikavi Nannaya University, AP	Health care Management	27.02.2018 1.00 p.m.	Seminar Hall, Main Block
7	Dr. Somashekar S.Hiremath Dept of Mechanical Eng. Indian Institute of Technology Madras Chennai	Applications of Robotics	28.02.2018 10.00 a.m.	NI Lab Collaboration Building
8	Mr. S.Prem Kumar Scientist-D IGCAR-Kalpakkam	Intelligent System	28.02.2018 10.00 a.m.	Adobe Lab Mega Lab
9	Dr.G.Giridhar Deputy Director General / Head (SRRA) Ministry of New & Renewable Energy Govt of india, NIWE.	Solar Radiation Monitoring System	28.02.2018 2.00 p.m.	Seminar Hall, Main Block

PRATHYUSHA ENGINEERING COLLEGE

Poonamallee - Thiruvallur High Road, Thiruvallur - 602 025
E - Mail: admin@prathyusha.edu.in Web: www.prathyusha.edu.in

PRATHYUSHA ENGINEERING COLLEGE

ESTD. 2001

ADVANCES IN ELECTRICAL, ELECTRONICS, INFORMATION, COMMUNICATION AND BIOINFORMATICS-2018 (AEEICB - 2018)

Date: 27.02.18   **Session: AN(1PM-3.30PM)**

Track: Biotech   **Venue: Main Block (Seminar Hall)**
Invited Talk: **Health care Management**
Chair Person: **Dr.PSR.Murthy,Prof,Andrapradesh**
Co-chair: **Dr.Ranjithsingh Prof/Biotech**
Co-Ordinators: **Dr.Dhasaradhan Prof/Biotech**

S.No	ID	Authors	Title of the paper	College
1	92	D. Hooreen, S. Subashini and M. Thenmozhi	Analysis Of Various Plant Extracts For Controlling Air Borne Bacteria	Prathyusha Engineering College,Aranvoyal,Thiruvallur, Chennai-602 025
2	104	Dharanyaa Gurunathan, Sindhudevi Chandrasekar and Praveena A	In-Silico Evidence For The Insecticidal Activity Of Compounds Derived From Musa Sapientum Peels Against Helicoverpa Armigera	Prathyusha Engineering College
3	120	Arpitha Anbu Deborah Y, Aswini S S, Kiruthika S and Ponjayanthi B	Dehairing Of Leather Using Acalypha Indica Leaf Extract	Prathyusha Engineering College
4	127	R. Aishwarya, A. Ayeshathul Jahana and M. Thenmozhi	Waste Water Treatment By Sponges And Pebbles Using Air-Lift Reactor	Prathyusha Engineering College
5	128	R Mahalakshmi, A Suriya Daisy and A Praveena	Plant growth stimulating activity of keratinase producing bacteria derived from poultry waste	Prathyusha Engineering College
6	129	Devisubhasree S, Nandhini M and Joyce Hellen Sathya D	Suitabiliy Of Delonix Regia Seeds And Syzygium Cumini For The Production Of Biodiesel	Prathyusha Engineering College
7	142	Dhasarathan P, Murfath Yasin K and Ranjithsingh Aja	Invitro Cardiac Risk Reduction Bioactive Substance From The Seedlings Of Echinochloa Frumentacea And Panicum sumantrance	Prathyusha Engineering College
8	148	Mariselvam R, Ranjitsingh Aja, Usha Raja Nanthini A and Rajapandiyan Krishnamoorthy	Dyeing Of Traditional Fibre Materials Using Rubia Cardifolia (L) Dye With Various Mordants	Sri Ram Nallamani College of Arts and Science,PEC, Mother Teresa Women's University, King Saud University

9	149	Dhasarathan P, Swathi C and Ranjithsingh Aja	Antimosquito Metabolites From Selected Medicinal Plants And Evaluation Of Their Biochemical Toxicity In Culex Sp	PEC
10	151	Dhasarathan P, Nithica S, Nagavasuda R and Cholapandian K	Plant Growth Promotion Using Panchagavya	PEC
11	154	G.Athi Narayanan and A.J.A.Ranjit Singh	Technology for developing Eco-friendly coloring material suitable for fibre and handicraft products	Department of Microbiology, Sri Ram Nallamani Yadava College of Arts and Science, Tenkasi
12	155	Ranjit Singh	Nutraceutical Effects Of Seaweeds In Augmenting Silk Production In The Silk Worm Bombyx Mori	PEC
13	156	Dhasarathan P, Reeshma Devi N, Sangeetha P, Suman Madhu R, Ranjitsingh Aja and Navaraj G	Utilisation Of Green Synthesised Silver Nanoparticles For Water Quality Management	PEC
14	164	Dhasarathan P, Nithica S, Aparna S, Cholapandian K and Ranjithsingh Aja	Microbial Isolates For Enhancement Of Seed Germination	PEC

A GLIMPSE OF AEEICB-2018 BIOTECHNOLOGY

Certificate of Participation

ESTD. 2001

IFDE

This Certificate is awarded to

Ms. J. OMANA

In recognition of successfully completing two days National Level Workshop on

"Machine Learning with R"

Organized by "Intelligent System Club" of CSE & IT department,

in association with IFDE InfoTech Pvt. Ltd, from 30th Nov – 1st December 2017

at Prathyusha Engineering College, Chennai.

DIRECTOR
IFDE Infotech

Club -Coordinator

HOD

PRINCIPAL

Sponsorship Organizing Committee

Mr./Ms./Dr_____is an
employee of our institution and he / she is
sponsored to attend the National level workshop
on " **Machine Learning with R"** conducted at
Prathyusha Engineering College on 30th Nov &
1st December 2017.

Date:

Signature of Sponsoring
Authority with office Seal

Contact Address:

Mr.Thamba Meshach W
Associate Professor,
Department of CSE,
Prathyusha Engineering College,
Aranvvoyalkuppam,
Tiruvallur District,
Tamil Nadu – 602 025**.**
Phone : 0 44-37673745
Mobile: 9840617030
Email :
CHIEF PATRON
Shri. P.Raja Rao, Chairman

TWO DAYS

Smt.P.Prathyusha, CEO

Shri.M.Vasu, Advisor

PATRON

Dr.P.L.N.Ramesh, Principal

CONVENOR

Dr.P.Chitra, Professor & Head/IT

Ms.V.R.Kavitha,Asso Prof &Head/CSE

CO-ORDINATORS
Mr.W.Thamba Meshach, Asso. Prof/CSE

Ms.C.Kamatchi, Sr. Asst Prof/IT

Ms.Revathi Asst. Prof / CSE

Important Dates
Last date of Registration: 28.11.2017

Last date of confirmation: 28.11.2017

Date of Workshop : 30.11.17 & 01.12.17

Registration amount : Rs. 1000/-

Registration is restricted to 30 and will be based on first
come first serve basis. Registration amount
NATIONAL LEVEL WORKSHOP *ON*

with

Programming

30th Nov & 1st December 2017 *Organised by*

Organised by

INTELLIGIENT SYSTEMS CLUB Department of CSE & IT

thambameshach.cse@prathyusha.edu.in
Website: www.prathyusha.edu.in

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must be paid as DD in favor of "The Principal, Prathyusha Engineering College" payable at Chennai. For online payment please contact us for details.

PRATHYUSHA ENGINEERING COLLEGE
NAAC ' A' Grade Certified Institute,
NBA Accredited Programmes,
Affiliated to Anna University & Approved by AICTE
Thiruvallur,Chennai.

About Prathyusha Engineering College

Prathyusha Engineering College is 30km away from Chennai on Poonamallee-Tiruvallur Road at Aranvoyalkuppam, in spacious and peaceful surroundings of 45-acres of land. The college maintains high standards of education by engaging highly qualified and experienced faculty members. The college offers 7 UG courses in Engineering and 5 PG courses, affiliated to Anna University and approved by AICTE and accredited by NAAC & NBA. Our institution focuses on the overall development of the Students and Faculty Quality, through MOU with IBM, Oracle, Dell, TVS HARITHA, NI-LAB VIEW, INFOSYS, CISCO, NIWE, etc. students are gaining practical exposure and insight on the Industry Standards.

About Machine Learning with R

Machine learning is an application of artificial intelligence (AI) that provides systems the ability to automatically learn and improve from experience without being explicitly programmed. The process of learning begins with observations or data, in order to look for patterns in data and make better decisions in the future based on the examples/Training. R is a programming language, provides an easy code-script environment for statistical purposes. R allows users to visualize data, run statistical tests, and apply machine learning algorithms. R gives you access to the cutting-edge software you need to prepare data for machine learning.

Programme Schedule

Day 1 : (Hands-on session)

· Introduction to Machine Learning · ML Concepts
   o Inductive Classification
   o Decision Tree Learning
   o Ensemble Learning

· R-studio Introduction
· R-packages for ML techniques
· Experimental Evaluation of Learning Algorithms
· Artificial Neural Network creation

Day 2: (Hands-on Sessions)

· Support Vector Machine
· Bayesian Learning
· Text classification
· Language Learning (HMM)
· Project Work (team) using ML

Resource Person

· Practicing Experts in Machine Learning from IFDE InforTech, Bangalore & An International Corporate Trainer (Infosys, Wipro, HP, TCS) and a Research Scholar in BigData on Cloud from University of Glasgow, Scotland.

Who Can Attend

❖ Industry Delegates

❖ Academicians

❖ Research Scholars

❖ UG & PG Students

NATIONAL WORKSHOP ON

Machine Learning with R

30th Nov & 1st December 2017

Registration Form

1. Name :

2. Designation & Department :

3 Qualification :

4. Total Teaching Experience :

5.Organization :

6. Address for Communication:

7. Mobile No :
8. Email-Id :

9. DD Details :

      Date : Bank: Amount:

Date: Signature Place:

For Online

  Registration: https://goo.gl/NPwHTK

RESOURCE PERSON NAME: MR. MANISH JAIN

DATE: 31.11.17 TO 01.12.17

CONTENT

   A workshop was organized by our club on Machine Learning with R tool by Mr. Manish Jain on 31.11.17 to 01.12.17. On the first day, 31.11.2017 we had the registration by
9.00 am and received our kit containing notepad and a pen.

        The sessions was handled by Mr. Manish Jain on basics of artificial intelligence, big data, data mining, hadoop, data analysis, how to use plugins in the program. And then the installation of R studio and its various packages, how to analyze the file in the form of chart diagram.

        On the second day he taught how to analyze the facebook of our own profile by using the inbuilt package and also predict the weather forecast by analyzing the previous records from the database.

Sponsorship

Mr./Ms./Dr_____is an employee of our institution and he / she is sponsored to attend the National level workshop on "Python Programming" conducted at Prathyusha Engineering College on 19th August 2017.

Date:

Signature of HOD/PRINCIPAL with office Seal

Contact Address:
Prathyusha Engineering College,
Aranvvoyalkuppam,
Tiruvallur District,
Tamil Nadu – 602 025.
Landline : +91 44-37673745
Contact No :
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Ms. H. Vidhya - 9940669371
Email : shankar.cse@prathyusha.edu.in
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PATRON:
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CONVENOR:
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    Ms.V.R.Kavitha,Head/CSE
CO-ORDINATORS:
    Mr.K. Shankar,AP/CSE
    Ms.H.Vidhya, AP/CSE

Important Dates

Last date of Registration : 11.08.2017
Last date of confirmation : 16.08.2017
Date of Workshop   : 19.08.17
Registration amount   : Rs. 150/-

Objective

This Faculty Training Program on "Python Programming" is intended to enrich the knowledge of the faculty community in Python Programming that is aligned with the Industry Standards and Requirements.

Prerequisites

Experience with a high level language (C/C++, Java, MATLAB) is suggested. Prior knowledge of a scripting language (Perl, UNIX/Linux shells) and Object-Oriented concepts is helpful but not mandatory.

ONE DAY
FACULTY TRAINING PROGRAM ON

"Python Programming"

19th August 2017

Convenors

Dr.P.Chitra
Ms.V.R.Kavitha

Coordinators

Mr.K. Shankar,AP/CSE
Ms.H.Vidhya,AP/CSE

Dept. of CSE & IT
PRATHYUSHA ENGINEERING COLLEGE
Poonamalle-Thiruvallur High Road
Chennai – 602 025

Website: www.prathyusha.edu.in
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Prathyusha Engineering College

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About Python

Python is a powerful high-level, object-oriented programming language created by Guido van Rossum. It has simple easy-to-use syntax, making it the perfect language for someone trying to learn computer programming for the first time. The syntax of the language is clean and length of the code is relatively short. It's fun to work in Python because it allows you to think about the problem rather than focusing on the syntax. It has wide range of applications from Web development, scientific and mathematical computing to desktop Graphical User Interfaces .

Features of Python

➢ A simple language which is easier to learn
➢ Free and open-source
➢ Portability
➢ Extensible and Embeddable
➢ A high-level, interpreted language
➢ Large standard libraries to solve common tasks
➢ Object-oriented

Course Content

➢ Python Setup
➢ Introduction
➢ Keywords & Identifiers
➢ Data types & Operators
➢ Python I/O and Import
➢ Flow Control
➢ Functions
➢ Native Data types
➢ File Handling
➢ Object & Class

FACULTY DEVELOPMENT PROGRAM ON

"Python Programming"

Registration Form

19th June 2017

1. Name   :
2. Designation & Department :
3 Qualification   :
4. Total Teaching Experience :
5. Organization   :
6. Address for Communication:

7. Mobile No   :
8. Email-Id   :

Place:

Date: Signature

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19th June 2017

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6. Address for Communication:

7. Mobile No   :
8. Email-Id   :

Place:

Date: Signature

PRATHYUSHA

ENGINEERING COLLEGE

ONE DAY NATIONAL LEVEL TRAINING

PROGRAM

ON

"PYTHON PROGRAMMING"

19TH AUGUST 2017

Organized by

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

AND

INFORMATIONN TECHNOLOGY

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GOOGLE FORM LINK

https://docs.google.com/forms/d/1xrtA729Bk3
hXtZybPWyPfHw2yVc-g1gGxSxEWClmC1o/view
form?edit_requested=true

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Accredited by NBA ISO 9001:2008 Certified Institution
Aranvoyal Kuppam, Poonamallee, Tiruvallur, Tamil Nadu

ONE DAY
FACULTY TRAINING PROGRAM ON

PYTHON PROGRAMMING

19th August 2017

Convenors
Dr.P.Chitra
Ms.V.R.Kavitha

C oordinators
Mr.K. Shankar,AP/CSE
Ms.H.Vidhya,AP/CSE

ORGANIZED BY
DEPARTMENT OF INFORMATION TECHNOLOGY
DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

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- A simple language which is easier to learn
- Free and open-source
- Portability
- Extensible and Embeddable
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COURSE CONTENT

- Python Setup
- Introduction
- Keywords & Identifiers
- Data types & Operators
- Python I/O and Import
- Flow Control
- Functions
- Native Data types
- File Handling
- Object & Class

REGISTRATION FORM

1. Name   :

2. Designation :

3. Department :

4 Qualification :

5. Total Teaching Experience:

6. Organization :

7. Address for Communication:

8. Mobile No :

9. Email-Id :

Place:

Date: Signature

REPORT ON FACULTY DEVELOPMENT

A one-day Faculty Development Program (FDP) on "Python Programming" was organized by the Department of Computer Science and Engineering,Prathyusha Engineering College during 19 – 08 2017.

The Inaugural ceremony of Faculty Development Programme was conducted on 19 thAugust, 2017. at Mega lab, Prathyusha Engineering College, with the invocation song followedby the presidential address was delivered by Dr. P.L.N. Ramesh, Principal, Prathyusha Engineering College in which the significance of industry-institute interactionwas highlighted so that the faculties and students will be exposed to recent developments and innovation in the industry.

This Faculty development programme is devoted to various research areas in InformationTechnology related theoretical and practical aspects of Python Programming & It'sApplications.

Faculty Development programme was attended by outside as well as Prathyusha faculties fromvarious departments of various colleges.

This program helps faculties and researchers to understand the python programminglanguage and its applications in various field like Machine Learning, IoT, Data Analyticsetc.

Schedule and Session wise brief report for the FDPprogramme is given below.

Session 01:

Expert Talk on Introduction to Python Programming

Introduction, Installation of python, variables and Data types,operators, conditionalstatements,Looping, Control statements and Stringmanipulations.

Practical Session 01: Installation, Operator & Loops.

Session 02:

Expert Talk on Functions, Modules and Packages

Functions. Installation of External Libraries and importing Python Modules, User defined functions, Variable namespace and scope, Python Exceptions

Practical Session 02: Implementation of Functions and Exceptions with Loop constructs

Session 03:

Expert Talk on Dictionary set and file handling.

Creating and implementation of Dictionary with its methods, File handling with Input/Output methods.

Practical Session 03: Implementation File concepts

Session 04:

Expert Talk on Python OOP Concepts

Python OOP basic concepts, Python constructs, OOP vs POP, Major concepts of OOP.

Practical Session 04: Implementation OOPs

Glimpses of the event

PRATHYUSHA ENGINEERING COLLEGE

ESTD 2001

DEPARTMENT OF INFORMATION TECHNOLOGY
&
DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

National Level Workshop on

PYTHON PROGRAMMING

Certificate of Participation

This is to certify that ~~Dr.~~/~~Mr.~~/Ms...K..P..REXATH.I..,...AP./.CSE...............
of.......PRATHYUSHA.....ENGINEERING.....COLLEGE................. has attended
the National Level Workshop on "Python Programming" held on
19th August 2017 at Prathyusha Engineering College,Thiruvallur.

V-R-Kavitha
Ms.V.R.KAVITHA
CONVENOR

Dr.P.CHITRA
CONVENOR

PLNR
Dr.P.L.N.RAMESH
PRINCIPAL

PRATHYUSHA

ENGINEERING COLLEGE

ONE DAY NATIONAL LEVEL TRAINING PROGRAM

PROGRAM

ON

"PYTHON PROGRAMMING"

19$^{\text{TH}}$ AUGUST 2017

Organized by

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

AND

INFORMATIONN TECHNOLOGY

SPONSORSHIP

Mr./Ms./Dr._____is an employee of our institution and he / she is sponsored to attend the National level workshop on "Python Programming" conducted at Prathyusha Engineering College on 19th August 2017.

Date:

**Signature of HOD/PRINCIPAL
with office Seal**

GOOGLE FORM LINK

https://docs.google.com/forms/d/1xrtA729Bk3hXtZybPWyPfHw2yVc-g5gGxSxEWCImC1o/viewform?edit_requested=true

CONTACT ADDRESS:
Prathyusha Engineering College,
Aranvvoyalkuppam,
Tiruvallur District,
Tamil Nadu – 602 025.
Landline : +91 44-37673745

CONTACT NO :
Mr. K. Shankar –9884974936
Ms. H. Vidhya : 9940669371

EMAIL : shankar.cse@prathyusha.edu.in
Vidhya.cse@prathyusha.edu.in

WEBSITE: www.prathyusha.edu.in
www.facebook.com/prathyushainsitute

ORGANIZING COMMITTEE

CHIEF PATRON:
**Shri. P.Raja Rao, Chairman
Smt.P.Prathyusha, CEO
Shri.M.Vasu, Advisor**

PATRON:
Dr.P.L.N.Ramesh, Principal

CONVENOR:
**Dr.P.Chitra,Head/IT
Ms.V.R.Kavitha,Head/CSE**

CO-ORDINATORS:
**Mr.K. Shankar,AP/CSE
Ms.H.Vidhya, AP/CSE**

IMPORTANT DATES

Last date of Registration : **11.08.2017**
Last date of confirmation : **16.08.2017**
Date of Workshop : **19.08.2017**
Registration amount : **Rs. 150/-**

OBJECTIVE

This Faculty Training Program on "Python Programming" is intended to enrich the knowledge of the faculty community in Python Programming that is aligned with the Industry Standards and Requirements.

PRATHYUSHA
ENGINEERING COLLEGE

Approved by AICTE & Affiliated to Anna University
Accredited by NBA ISO 9001:2008 Certified Institution
Aranvoyal Kuppam, Poonamallee, Tiruvallur, Tamil Nadu

ONE DAY
FACULTY TRAINING PROGRAM ON

PYTHON PROGRAMMING

19th August 2017

Convenors
Dr.P.Chitra
Ms.V.R.Kavitha

C oordinators
Mr.K. Shankar,AP/CSE
Ms.H.Vidhya,AP/CSE

ORGANIZED BY
DEPARTMENT OF INFORMATION TECHNOLOGY
DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

ABOUT COLLEGE

Prathyusha Engineering College is 30km away from Chennai on Poonamallee-Tiruvallur Road at Aranvoyalkuppam, in spacious and peaceful surroundings of 45-acres of land. The college maintains high standards of education by engaging highly qualified and experienced faculty members. The college offers 7 UG courses in Engineering and 5 PG courses, affiliated to Anna University and approved by AICTE and accredited by NAAC & NBA. Our institution focuses on the overall development of the Students and Faculty Quality, through MOU with IBM, TVS-HARITHA, NI-LAB VIEW, INFOSYS, CISCO, NIWE, etc. students are gaining practical exposure and insight into the Industry Standard

ABOUT PYTHON

Python is a powerful high-level, object-oriented programming language created by Guido van Rossum. It has simple easy-to-use syntax, making it the perfect language for someone trying to learn computer programming for the first time. The syntax of the language is clean and length of the code is relatively short. It's fun to work in Python because it allows you to think about the problem rather than focusing on the syntax. It has wide range of applications from Web Development, scientific and mathematical computing to desktop Graphical User Interfaces

FEATURES OF PYTHON

- A simple language which is easier to learn
- Free and open-source
- Portability
- Extensible and Embeddable
- A high-level, interpreted language
- Large standard libraries to solve common tasks

COURSE CONTENT

- Python Setup
- Introduction
- Keywords & Identifiers
- Data types & Operators
- Python I/O and Import
- Flow Control
- Functions
- Native Data types
- File Handling
- Object & Class

REGISTRATION FORM

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4 Qualification :

5. Total Teaching Experience:

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REPORT ON FACULTY DEVELOPMENT

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Glimpses of the event

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DEPARTMENT OF INFORMATION TECHNOLOGY
&
DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

National Level Workshop on

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of.......PRATHYUSHA.....ENGINEERING.....COLLEGE................. has attended
the National Level Workshop on "Python Programming" held on
19th August 2017 at Prathyusha Engineering College,Thiruvallur.

Ms.V.R.KAVITHA
CONVENOR

Dr.P.CHITRA
CONVENOR

Dr.P.L.N.RAMESH
PRINCIPAL

PRATHYUSHA ENGINEERING COLLEGE

Peer Enablement Program on Foundation Program 4.1

ACADEMIC YEAR 2017-2018

Venue   **:** MEGA LAB

Anchors   **:**

      Mr. I. Mohan / AP and

      M.D. Boomija / AP

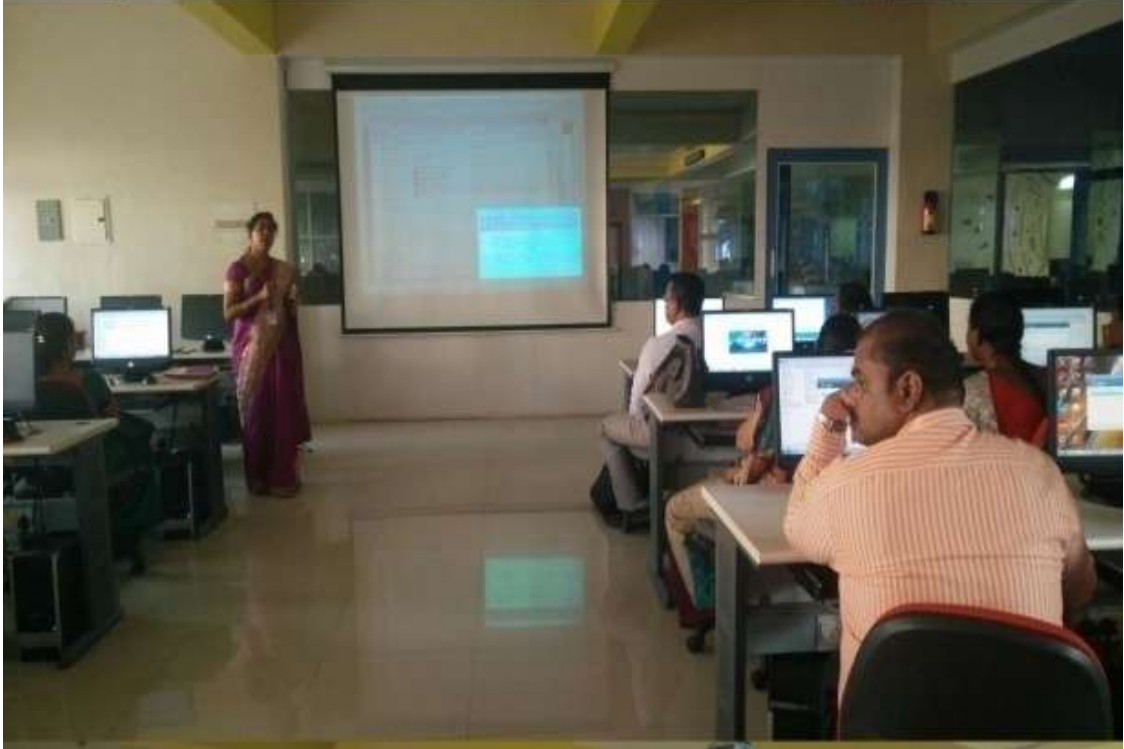   IT DEPARTMENT

      Prathyusha Engineering College

      Chennai.

Date   **: 19/12/2017**

Participants :

Infosys campus connect core team members CSE & IT Department

PRATHYUSHA ENGINEERING COLLEGE

INFOSYS CAMPUS CONNECT SOFT SKILLS PROGRAM

REPORT ON PEER ENABLEMENT PROGRAM

VENUE: Mega Lab

DATE : July 31st 2017

Resource Persons :   1. Mr. Yokesh /ECE
                          2. Mr. Nagaraj /ECE

Attendees :   1. Dr. P Chitra
                          2. Ms. Monitha
                          3. Ms. Tamizharasi
                          4. Ms. Sreeja Vijay
                          5. Mr. Ravikumar
                          6. Mr. Rajesh R.

An activity based peer enablement program was conducted by the aforementioned resource persons who were part of the enablement program conducted by Infosys team at Saranathan College of Engineering on 29th, 30th, 31st of May 2017. They shared the information acquired through PPT presentation and activities

Following were the key points discussed

- Emphasis on using simple language rather than using sophisticated vocabulary
- PA (P - Purpose, A - Audience) Importance of PA analysis prior to engaging a session on any subject .
- Focus on the objective rather than the process.
- Need to be Versatile
- Activities and learning must be student centric.
- Company expectation on an employee's soft skills as he scales up the ladder (For a fresher 80% Analytical and 20% soft skills which reverses as he scales up vertically)

Please find here below the photographs captured during the progress of the session.

Activity for enhancing Listening Skills

Mr. Nagaraj presenting the ABC's of soft skill development

Session by Mr. Yokesh

ORGANIZING COMITTEE

Chief Patron Shri. P. Raja Rao
 Founder & Chairman
 PEC

Patron Dr.P.L.N. Ramesh
 Principal, PEC

Convener Ms. Premalatha G.
 HoD, ECE Dept., PEC

Resource person Ms.Kalpana Devi
 Professor/ECE
 Ms.Malathi
 Asso.Professor/ECE
 Ms.M.Priya
 Asso. Professor/ECE

ABOUT THE DEPARTMENT

The Department of Electronics and Communication is committed to provide the state-of-art technical education to the tomorrow's technocrats through dedicated quality teaching. The department is also accredited by NBA-AICTE & NAAC and it strives to provide ample opportunity to the students for exploring and exploiting new avenues in the field of ECE. The department has excellent infrastructure facilities with highly qualified and devoted faculty members having specialization in the areas like VLSI & Embedded systems, Image Processing, Medical Electronics, Network Security, Wireless Communication, Signal Processing, Grid Computing, etc. Our students are recruited by companies like TCS, Infosys, WIPRO, HCL, etc.

ABOUT THE INSTITUTION

Prathyusha Engineering College is just 30km away from Chennai on Poonamallee-Thiruvallur Road in spacious and peaceful surroundings of 45-acres of Green lush land. Prathyusha has, within a short span of time, emerged as one of the premier professional institutions. The college maintains high standards of education by engaging highly qualified and experienced faculty members. The college offers 7 UG courses in Engineering and 4 PG courses, and 2 Research and Development Centres affiliated to Anna University, approved by AICTE and accredited by NBA and NAAC "A" Grade. PEC is well established with various Centers of Excellence and well stocked library containing Indian and International books and journals. College feels proud to produce more university rank holders.

ABOUT NI LabVIEW

NI LabVIEW academy in Prathyusha Engineering College is equipped with LabVIEW software and data acquisition with real time sensors for automation. Our academy has been awarded as the Best Graphical system Design Lab in 2014 with 8 certified CLAD trainers and most of the students are CLAD certified. Our student has been awarded as NI student LabVIEW ambassador. We proud to place our students in NI alliance partner companies every year.

Training Programme
On

"My DAQ and RIO"

19.06.2017-20.06.2017 & 03.07.2017-08.07.2017

Coordinators

Dr.P.Kalpana Devi, Professor/ECE
Ms.M.Priya, Asso. Prof./ECE

Organized by

7 NATIONAL INSTRUMENTS

PEC-NI LabVIEW Academy

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

ESTD. 2001

PRATHYUSHA ENGINEERING COLLEGE
THIRUVALLUR 602025

PRATHYUSHA ENGINEERING COLLEGE

Department of ECE

NI LabVIEW Academy

My DAQ and My RIO Training

Date:19.06.2017-20.06.2017 & 03.07.2017-08.07.2017

Attendance sheet

S.No	Participants name	19.06.2017	20.06.2017	03.07.2017	04.07.2017
1.	Ms.L.Vanitha				
2.	Mr.L.Padmanaban				
3.	Mr.T.Rubeshkumar				
4.	Ms.Sreeja Vijay				
5.	Ms.S.Vimala				
6.	Ms.S. Inbalakshmi				
7.	Mr. S.Kamalanathan				
8.	Mr.N.Darwin				
9.	Ms.A.Vijayashanthi				
10.	Ms.V. Savitha				
11.	Ms.C.Ada Christa				
12.	Ms.S.Subbulekshmi				
13.	Mr. J.ArunPrasath				
14.	Ms.K.Janaki				
15.	Mr. R.ThandaiahPrabhu				
16.	Mr.E.U.Iniyan				
17.	Mr.E.Dilliraj				
18.	Mr.R.Ajin				
19.	Ms.T.Kadhambari				
20.	Mr.V. Yokesh				
21.	Ms.J.Dolly Irene				
22.	Ms. P.Vadivu				
23.	Mr.V.Rajesh				
24.	Mr.Yuvaraj				
25.	Ms. Y.Kalpana				
26.	Ms. S.Saranya				

P. Kalpana

PRATHYUSHA ENGINEERING COLLEGE

Department of ECE

NI LabVIEW Academy

My DAQ and My RIO Training

Date: 19.06.2017-20.06.2017 & 03.07.2017-08.07.2017

Resource person: Ms.P.Kalpanadevi & Ms.M.Priya

I thank the Management, Principal and the Department gives us encouragement and support to conduct the training successfully.

The inaugural function was started by Ms.Kalpanadevi,Asso. Prof/ECE and she has given the introduction of LabVIEW, DAQ and RIO. Also, She explained about the scope of LabVIEW and the importance. She elaborated about a minisystem that was designed to be used in conjunction with the NI myDAQ and Lab VIEW. The mySYSTEM Project Board, also known as the Motor Driver & Protoboard for myDAQ / myRIO, allows the exploration of a wider range of solutions and supports creativity was clearly explained by her.

Ms. Priya , Asso. Prof/ECE taught about how to create and design unique solutions to their design problems. It offers the ability to connect your myDAQ to high-current, large output devices. By minimizing wiring needed, we can focus on the logic of control and signal processing.

Also given hands on training to expand the capabilities of the myDAQ by transforming it into a programmable action controller that allows you to control four separate output channels.

Sequential & combinational logic, discusses analog & digital sensors, the decision process, and instructs on how to connect sensors also handled by them. The process of designing programs and explains how to do state machine diagrams & flowcharts into LabVIEW programming to allow your students to control systems were learned by the participants.

A thanks for giving the opportunity to attend the program and the knowledge was imparted to the students.

Training on "My DAQ and My RIO Training" on 19.06.2017

Training on "My DAQ and My RIO Training" on 19.06.2017

P. Kalpana

PRATHYUSHA ENGINEERING COLLEGE

DEPARTMENT OF ELECTRONICS AND COMMUNICATION

NI LabVIEW Academy

Feedback - My DAQ and My RIO Training

Date: 19.06.2017-20.06.2017 & 03.07.2017-08.07.2017

S.No	Content	Rate 1	Rate 2	Rate 3	Rate 4	Rate 5
1.	How useful was the information presented in this session?					✓
2.	How would you rate these speakers?					✓
3.	Did the session improve your understanding of the topic?					✓
4.	Was there enough time for questions and discussion?					✓
5.	Do you have any other comments about this session?	Nil				

Rate 1 - Very poor

Rate 2 - Poor

Rate 3 - Good

Rate 4 - Very good

Rate 5 - Excellent

Signature

PRATHYUSHA ENGINEERING COLLEGE

DEPARTMENT OF ELECTRONICS AND COMMUNICATION

NI LabVIEW Academy

Feedback - My DAQ and My RIO Training

Date:19.06.2017-20.06.2017 & 03.07.2017-08.07.2017

S.No	Content	Rate 1	Rate 2	Rate 3	Rate 4	Rate 5
1.	How useful was the information presented in this session?					✓
2.	How would you rate these speakers?					✓
3.	Did the session improve your understanding of the topic?					✓
4.	Was there enough time for questions and discussion?					✓
5.	Do you have any other comments about this session?		Nil.			

Rate 1   - Very poor

Rate 2   - Poor

Rate 3   - Good

Rate 4   - Very good

Rate 5   - Excellent

Signature

PRATHYUSHA ENGINEERING COLLEGE

DEPARTMENT OF ELECTRONICS AND COMMUNICATION

NI LabVIEW Academy

Feedback - **My DAQ and My RIO Training**

Date: 19.06.2017-20.06.2017 & 03.07.2017-08.07.2017

S.No	Content	Rate 1	Rate 2	Rate 3	Rate 4	Rate 5
1.	How useful was the information presented in this session?				✓	
2.	How would you rate these speakers?					✓
3.	Did the session improve your understanding of the topic?					✓
4.	Was there enough time for questions and discussion?					✓
5.	Do you have any other comments about this session?	Good Neat.				

Rate 1 – Very poor

Rate 2 – Poor

Rate 3 – Fair

Rate 4 – Good

Rate 5 – Excellent

Signature

PRATHYUSHA ENGINEERING COLLEGE

DEPARTMENT OF ELECTRONICS AND COMMUNICATION

NI LabVIEW Academy

Feedback - My DAQ and My RIO Training

Date:19.06.2017-20.06.2017 & 03.07.2017-08.07.2017

S.No	Content	Rate 1	Rate 2	Rate 3	Rate 4	Rate 5
1.	How useful was the information presented in this session?					✓
2.	How would you rate these speakers?					✓
3.	Did the session improve your understanding of the topic?					✓
4.	Was there enough time for questions and discussion?					✓
5.	Do you have any other comments about this session?	Good				

Rate 1 – Very poor

Rate 2 – Poor

Rate 3 – Fair

Rate 4 – Good

Rate 5 – Excellent

Signature

PRATHYUSHA
ENGINEERING COLLEGE

Minutes of the 4th meeting on International Conference held on 01.02.2018 at 4PM

Venue : Principal Room

Principal welcomed the Conference Coordinators and the following points were discussed.

1. Totally 144 papers were received from various places such as **North America-1 Paper from University of Conception, Chile, Malaysia-3 Papers from AMIST University,APUTI ,Srilanka-5 Papers from University of Moratuwa and Reputed colleges from South and North India.**

2. Discussion on, No of papers Received: 144, No of papers Accepted: 93,
   No of papers under review:6, No of papers Rejected(39) and withdrawn(7):46
   No of papers Registered: 59, No of Session:8.

3. **No of Department wise papers:**

Department	Total	External	Internal	Rejected	Accepted	Registered	No Session
ECE	53	48	5	17	36	22	3(12+11+13)
EEE	45	45	0	11	34	26	3(13+11+10)
CSE	32	29	3	15	17	10	1
Biotech	7	0	7	1	6	1	1
Total	137	122	15	44	93	59	8

4. All selected and presented papers will be published in IEEE Xplore.

5. Various committees have been informed to conduct the event smoothly.

6. Chief Guest and chair person has been discussed. Mail has been sent to Guest.
   No of Guest:4, No of chair person:8

PRATHYUSHA ENGINEERING COLLEGE

ES D. 2001

IEEE ®

Approved by AICTE & Affiliated to Anna University / NAAC accredited "A" Grade & NBA accredited
Poonamallee - Tiruvallur High Road, Next to Thirumazhisai, Chennai-602025

Invitation
of
AEEICB - 2018

4th IEEE International Conference

on

Advances in Electrical, Electronics, Information, Communication and Bio-Informatics

27th & 28th February, 2018

Sponsored by IEEE & Young Professional Affinity Group

Knowledge Partners

COMPUTER SOCIETY OF INDIA ESTD. 1955

NIWE

IETE THE INSTITUTION OF ELECTRONICS & TELECOMMUNICATION ENGINEERS

campus connect — An Infosys' Industry-Academia Partnership Program

NATIONAL INSTRUMENTS LabVIEW

IBM Career Education

Harita TECHSERV — Matching Talent with Success

CISCO Networking Academy

The Management, Faculty and Students of

PRATHYUSHA ENGINEERING COLLEGE

Most Cordially invite you to the

Inaugural function of

AEEICB - 2018

4 th IEEE International Conference

ADVANCES IN ELECTRICAL, ELECTRONICS, INFORMATION, COMMUNICATION AND BIO-INFORMATICS

at 10.00 a.m. on Tuesday, 27 th February 2018, at PEC Auditorium

Dr. D.SENTHIL KUMAR
Scientist 'F',MTRDC,
DRDO , Bangalore

has kindly consented to be the Chief Guest and deliver the Inaugural address

Dr.P.SANJEEVI KUMAR
Professor / EEE,
Aalborg University, Denmark
will deliver keynote address

Shri. P. RAJA RAO
Chairman, Prathyusha Engineering college
will preside over the function

Dr. M.Moorthi
CONFERENCE CHAIR

Dr. P.L.N.Ramesh
PRINCIPAL

The Management, Faculty and Students of

PRATHYUSHA ENGINEERING COLLEGE

Most Cordially invite you to the

Valedictory function of

AEEICB - 2018

4th IEEE International Conference

ADVANCES IN ELECTRICAL, ELECTRONICS, INFORMATION, COMMUNICATION AND BIO-INFORMATICS

at 2.00 p.m. on Wednesday, 28th February 2018, at PEC Auditorium

Dr.G.GIRIDHAR
Deputy Director General / Head (SRRA)
Ministry of New & Renewable Energy
Govt of India, NIWE.

has kindly consented to be the Chief Guest and deliver the valedictory address

Sri. M.Vasu	Smt. P.Prathyusha	Sri. P.Raja Rao
ADVISOR	**CEO**	**CHAIRMAN**

PROGRAMME SCHEDULE

27.02.2018	09.00 a.m.	- 10.00 a.m.	Registration
27.02.2018	10.00 a.m.	- 11.00 a.m.	Inaugural Function
27.02.2018	01.00 p.m.	- 04.30 p.m.	Invited Talks & Paper Presentation
28.02.2018	09.00 a.m.	- 12.30 p.m.	Invited Talks & Paper Presentation
28.02.2018	02.00 p.m	- 03.00 p.m.	Valedictory Function

INVITED TALK / PAPER PRESENTATION

Session	Guest/Chair	Topic	Date& Time	Venue
1	**Dr. D.Senthil Kumar** Scientist 'F',MTRDC, DRDO , Bangalore	Recent Trends in Engineering Field	27.02.2018 10.30 a.m.	Seminar Hall Main Block
2	**Dr. P.Sanjeevikumar,** Prof/EEE,Aalborg University, Denmark	Advancement in Power System	27.02.2018 11.00 p.m.	Seminar Hall Main Block
3	**Dr.M.Venkateshkumar,** Chair, IEEE Young Professional Affinity	Application of Neural Network in Power Electronics	27.02.2018 1.00 p.m.	NIWETAM Hall Collaboration Building
4	**Dr. V N Mani,** C-MET, Hyderabad	Fabrication of Advanced Nano-Electronic Materials and Devices for Space and Defense Application	27.02.2018 1.00 p.m.	Microsoft Lab Mega Lab
5	**Dr.Vydeki,** WIE ,IEEE Madras section	Security for Wireless Network	27.02.2018 1.00 p.m.	Adobe Lab Mega Lab
6	**Dr.PSR.Murthy,** Professor - BioTech, Adikavi Nannaya University, AP	Health care Management	27.02.2018 1.00 p.m.	Seminar Hall, Main Block
7	**Dr. Somashekar S.Hiremath** Dept of Mechanical Eng. Indian Institute of Technology Madras Chennai	Applications of Robotics	28.02.2018 10.00 a.m.	NI Lab Collaboration Building
8	**Mr. S.Prem Kumar** Scientist-D IGCAR-Kalpakkam	Intelligent System	28.02.2018 10.00 a.m.	Adobe Lab Mega Lab
9	**Dr.G.Giridhar** Deputy Director General / Head (SRRA) Ministry of New & Renewable Energy Govt of India, NIWE.	Solar Radiation Monitoring System	28.02.2018 2.00 p.m.	Seminar Hall, Main Block

PRATHYUSHA ENGINEERING COLLEGE

Poonamallee - Thiruvallur High Road, Thiruvallur - 602 025

E - Mail: admin@prathyusha.edu.in Web: www.prathyusha.edu.in

PRATHYUSHA ENGINEERING COLLEGE

ESTD. 2001

ADVANCES IN ELECTRICAL, ELECTRONICS, INFORMATION, COMMUNICATION AND BIOINFORMATICS-2018 (AEEICB - 2018)

Date: 27.02.18   **Session:** AN(1PM-3.30PM)

Track: EEE   **Venue:** NIWE (Collaboration Building)
Invited Talk: **Application of Neural Network in Power Electronics**
Chair Person: **Dr.M.Venkateshkumar, chair, IEEE Young Professional Affinity**
Co-chair: **Dr.Krishnakumar, Dept of EEE, PEC.**
Co-Ordinators:**Dr.K.C.Jayashankar,Mr.Anand ,Dept of EEE, PEC.**

S.No	ID	Authors	Title of the paper	College
1	9	Chaitanya Somu, Rajanand Patnaik Narasipuram and Raju Ch. B. A.	A Novel Transformerless Asymmetrical Fifteen Level Inverter Topology for Renewable Energy Applications	AEC, Kakinada, Surampalem, India, **G.S.Electricals**
2	34	Naresh B., Vinod Kumar Singh and V. K. Sharma	Flexiable Hybrid Energy Harvesting System to Power Wearable Electronics	**Bhagwant University Ajmer, Rajasthan, India**
3	46	Rishabh Shah, Ravi Botta and Amit Sant	PMSG Based Single Active Bridge Interfaced Grid Tied Off-shore Wind Energy Conversion system	**Pandit Deendayal Petroleum University**
4	48	Sandeep Ushkewar, Mahesh Bodke, Matilda Justin, Abhijit Barghare and Bharat Dudhawade	Compensation of Reactive Power in DFIG Based Wind Farm using STATCOM	V.J.T.I,Mumbai. Government Polytechnic,Nashik SPCE, Andheri Mumbai
5	58	Ravindranath Tagore Yadlapalli and Anuradha Kotapati	Dynamic Performance Enhancement Of Full Bridge Converter As CPU	VNR VJIET,VLITS
6	69	Venkata Surya Ramam Dr. Koduri and Chandramouli Dr. Kemburu	**Perovskite piezoelectric PMN-PLZT functionalized Graphene Oxide nanocomposites for actuator and energy applications**	**University of Concepcion,North America Andhra University**
7	74	Omar Hanif, Sachin Sharma and Uday Bhaskar Babu Gara	Performance Improvement of PIx+iyD Fractional Complex Order Controller using Genetic Algorithm	**Netaji Subhas Institute of Technology , New Delhi National Institute Of Technology, Warangal**
8	97	Amol Dhaware and Prof. M.S. Potdar	Enhancing the dynamic performance of single phase grid connected photovoltaic system by using non linear current	P.E.S. College Of Engineering Aurangabad

		control scheme		
9	123	Manish Kumar Barwar, Prabhat Ranjan Tripathi and Dr. P. R. Thakura	Boost Inverter Fed Three Phase Induction Motor for Off Grid PV Based Water Pumping System	BIT MESRA
10	95	Sandaru Suranjaya, Ranganath Perera, Pathum Thennakoon, Udayanga Hemapala and Ishitha Piyawadani	**Droop Based Voltage and Frequency Controller for an Islanded AC Micro-Grid**	**University of Moratuwa,SriLanka**
11	96	Rasika Premachandra, Chathurka Dewapriya, Rashod Lakshan, Yashodini Randunu and Udayanga Hemapala	**State of Charge Based Droop Controlling of Voltage for Islanded DC Microgrid**	**University of Moratuwa,SriLanka**
12	98	Gayashan Dasun, Udayanga Hemapala, Upuli Jayatunga, Prasad Wadduwage and Ishitha Piyawadani	**A Study on Reactive Power Sharing and Voltage Variation in an Inverter Dominated Islanded Microgrid**	**University of Moratuwa,SriLanka**

PRATHYUSHA ENGINEERING COLLEGE

ESTD. 2001

ADVANCES IN ELECTRICAL, ELECTRONICS, INFORMATION, COMMUNICATION AND BIOINFORMATICS-2018 (AEEICB - 2018)

Date: 28.02.18 **Session:** FN
Track: EEE **Venue:** NILab (Collaboration Building)

Invited Talk: **Applications of Robotics**
Chair Person: **Somashekhar S. Hiremath,Indian institute of Technology Madras**
Co-chair: **Mr.Krishnakumar, Dept of EEE, PEC.**
Co-Ordinators:. **Dr.K.C.Jayashankar,Mr.Anand ,Dept of EEE, PEC.**

S.No	ID	Authors	Title of the paper	College
1	16	J.Suganthi Vinodhini and Dr.R.Smauel Rajesh Babu	High Voltage Bidirectional Cascaded H Bridge 21 Level Multilevel Inverter With Regenerative Braking For Locomotive By Comparing With (PID & ANFIS) And Without Controller	Research Scholar-Sathyabama University
2	21	Deepikavalli K and Puviarasi R	Simulation Of Solar Bag Using DC-DC Boost Converter	Saveetha School Of Engineering
3	33	Vanitha D and Rathina Kumar M	Current Mode Controlled PV Based Buck Boost Converter System Using Coupled Inductor With Reduced Current Ripple	SCSVMV University
4	60	Uvaraj G, Kandavel B and Dr Manikandan M	An Assessment of Total Harmonic Distortion of Dual PV and Dual Z source with different PWM Controller Techniques	SCSVMV
5	94	Selva Kumar, Sourabi Krishna, Sathish Kumar and Viswanath G	Nano charging system	National Engineering college
6	59	Kandavel B, Uvaraj G, Dr Manikandan M and Gobi R	Comparative Study of Total Harmonic Distortion in VSI and Matrix Converter based WECS	SCSVMV MIT,Annauniversity
7	65	Anton Amala Praveen A and Murugesan S	Integration of Hybrid Energy sources for Grid Connected AC Distribution System	K.Ramakrishnan College Of Technology
8	61	Abhishek Sahu and Vinod Kumar Singh	PV Modules Based Grid Connected System Using Matlab Simulation	**S.R. Group of Institutions, Jhansi**

9	12	Nilesh Ahire and Vishal Dake	Analysis Of Voltage Profile, It's Issues And Mitigation Techniques Used In Western Regional Grid Of India	Sardar Patel College of Engineering **Andheri, Mumbai**.
10	24	Vivek Kore, Megha Fernandes and Nilesh Ahire	Design of Shunt Active Power Filter Using Reference Frame Theory For Power Quality Improvement	Sardar Patel College Of Engineering, Andheri, Mumbai
11	39	Anant Dhulshette, Sandeep Ushkewar, Afzal Khan, Hemlata Rao and Nilesh Ahire	Validation Of Statcom Capabilities Through Modelling And Simulation On Simulink Platform	Government Polytechnic, Mumbai. V.J.T.I. Mumbai Sardar Patel College of Engineering Andheri, Mumbai
12	73	Sallauddin Mohmmad, Shabana Mohmmad, Praveen P and Harshavardhan A	Establishing New Network Architecture Through SDWAN	S R Engineering College SRITW

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PRATHYUSHA ENGINEERING COLLEGE
ADVANCES IN ELECTRICAL, ELECTRONICS, INFORMATION,
COMMUNICATION AND BIOINFORMATICS-2018 (AEEICB - 2018)

Date: 28.02.18   **Session:** AN(10PM-12.30PM)
Track: ECE   **Venue:** Microsoft Lab
Chair Person: **Dr. P.Kalpanadevi**
Co-Ordinators:**Ms.M.Priya,Mr.L.Padmanaban**

S.No	ID	Depart	Authors	Title of the paper	College
1	**88**	ECE	Dr Sathish Kumar Selvaperumal, Surendran Subramaniam, Dr Veeraiyah Thangasamy and Chandrasekharan Nataraj	**Enhanced Multiband Monopole antenna for Higher 5G Bands**	**Asia Pacific University of Technology and Innovation,Malasia**
2	**89**	ECE	Dr Sathish Kumar Selvaperumal, Chandrasekharan Nataraj, Ravi Lakshamanan and Arun Seeralan	**Haar wavelet transform based text extraction from complex videos**	**Asia Pacific University of Technology and Innovation, Malasia**
3	37	CSE	P. Minishapriya and S. Maheswari	Performance Analysis Of Cloud Storage Using Chunking Algorithm	**National engineering college kovilpatti**
4	87	CSE	Hemant Kumar Soni	Peculiarly approaches for Association Rule Mining using Genetic Algorithm	**AMITY University Madhya Pardesh**
5	100	CSE	Smruti Saxena and Hemant Kumar Soni	Strategies for Ransomware Removal and Prevention	AMITY University Madhya Pardesh
6	6	EEE	Mohd Shadman, Ankit Ramashanker Pal, Sundar Raj Vardhanapu and Rushi Dave	Hybrid energy storage system containing Bidirectional DC Convertor, Battery, Super capacitor, Solar Panel for increasing the performance of Electric Vehicles	**BITS Edu Campus Varnama Vadodara**, Vasavi college of Engineering
7	29	EEE	Mohd Shadman and Rushi Dave	Designing and Implementation of High Voltage Generator For Surgical Applications	BITS Edu Campus Varnama Vadodara

8	84	EEE	Abhishek Gedam, Amit Paikrao and Pravin Khade	Fault Diagnosis in Transformer by using Wavelet Transform Approach	P. E. S. College of Engineering, Aurangabad Resincap Tech
9	50	EEE	Pravin Fulzele and Prof. S. S. Kamble	Analyzing The Effect Of Core Deformation On Performance Of 1kVA, 3-Phase Transformer	P.E.S College of Engineering Aurangabad
10	161	ECE	Ummer Iqbal, Muneer Ahmad Dar and Nisar Bukhrai	Intelligent Hospitals based on IOT	National Institute of Electronics & Information Technology Srinagar/Jammu
11	162	CSE	Muneer Ahmad Dar, Syed Nisar Bukhari and Ummer Iqbal Khan	Evaluation of Security & Privacy of Smartphone Users	NIELIT
12	163	CSE	Syed Nisar Bukhari, Muneer Ahmad Dar and Ummer Iqbal Khan	Reducing attack surface corresponding to Type 1 cross-site scripting (XSS) attacks using secure development life cycle practices	NIELIT Srinagar
13	23	EEE	Lina Patil and Swati Shinde	PI and PD Fuzzy Neural Network Controller Based on Extended Kalman Filter for Brushless Drives	Zeal college of engineering and research,pune
14	111	CSE	Vaibhav Ukarande and Gaurav Bhalekar	Advanced Driver Assistance System (ADAS) to avoid accidents at T-Junction in India	Jawaharlal Nehru Engineering College

National Level Workshop on
"Design of Experiment (DOE)"
(7th June 2017)

DOE Analysis
- Practical, Graphical and Analytical approaches
- Main effects and Interaction effects
- Response optimization
- Using MiniTab for Analysis and optimization

Case study presentations

Work Practice

Taguchi Methods
- Robustness & Noise
- Parameter design
- Orthogonal Arrays
- Signal to Noise Ratio (S/N)
- Optimization

Exercise on MiniTab.

ELIGIBILITY:

Faculty members of Engineering Colleges and Polytechnic Institutions.

REGISTRATION DETAILS:

Registration Fee Rs.300/- per participant to be paid. Free lunch, Tea and Bus facilities will be provided to the participants. Participants are requested to register through email hod.mech@prathyusha.edu.in on or before **2nd June 2017**.

Registration restricted on the basis of first come first served to **20 members only.**

ADDITIONAL INFORMATION:

No TA/DA will be provided to the participants.

ADDRESS FOR COMMUNICATION:

Convenor

Department of Mechanical Engineering, PRATHYUSHA ENGINEERING COLLEGE, Poonamallee-Tiruvallur Road, Tiruvallur, Tamilnadu – 602 025 Mail id: hod.mech@prathyusha.edu.in Mobile: 9840397361, 9710693408

ABOUT THE DEPARTMENT

The department imparts the basic knowledge in the areas of Mechanical Engineering including Hydraulics & Fluid Machinery, Thermal Engineering, Manufacturing Technology, Material Science, Design of Machine Elements, Computer Aided Manufacturing, Industrial Management, etc. The Department also have tie-up with TVS-Harita Techserv Pvt. Ltd., to train students in the area of Product Design and Digital Manufacturing. The Department Organizes several Training program, Workshops, Seminars, etc for staff and students every year.

PRATHYUSHA ENGINEERING COLLEGE

Organized by
Department of Mechanical Engineering
PRATHYUSHA ENGINEERING COLLEGE
Poonamallee-Tiruvallur Road, Tiruvallur,
Chennai, Tamilnadu – 602 025,
www.prathyusha.edu.in

Convenors
Prof. P. Jayaraman
Dr.V. Jayaseelan
Mr. G.Venkatkumar

National Level Workshop on
"Design of Experiment (DOE)"
(7th June 2017)

SCHEDULE

07-06-2019	**Morning Session**	**Inaguration**
07-06-2019	**Afternoon Session**	Mr.P.Jayaraman Hod/Mech

PHOTOS

REPORT

A REPORT ON ONE DAY NATIONAL LEVEL WORKSHOP ON "DESIGN OF EXPERIMENT"

Prathyusha Engineering College, Department of Mechanical Engineering has organized a one day national level workshop on "Design of Experiment" on 07-06-2017. The main objective of the workshop is to impart knowledge and exposure in recent trends in DOE(Design of Experiment) analysis like response optimization and using minitab for analysis and optimization to the second,third year and final year students and faculty members from in and around College. The participants of the workshop have the great opportunity to listen and interact with eminent professor and industrial person from leading university and industries. 50 students and faculty from various colleges have participated in the workshop.

DAY 1: 07-06-2017 – Morning Session

The workshop started with an inaugural session at 10:00am with welcome address by Professor and Coordinator of the workshop Dr.P.JAYARAMAN This national level workshop provides a platform for faculty and student to enrich their knowledge in DOE and provides vast scope for research in new and challenging areas in an Mechanical engineering. Workshop inaugural address was given by Head of the Mechanical Department Dr.P.Jayaraman. He emphasized on the importance of innovative engineers in the mechanical engineering field and advised on entrepreneurial opportunities by using creative techniques in DOE. He also recommended undergraduate students to participate In design competitions, so that they gain practical knowledge and experience.

The first technical session began at 10.30am by Dr.V. Jayaseelan, Professor, Prathyusha Engineering College, He has explained lot about applications of DOE.

The inaugural session ended with vote of thanks to the inaugural chief-guest by Coordinator Mr.G.Venkat Kumar And he esteemed gratitude to management for giving support to organize the workshop.

DAY 1: 07-06-2017 – Afternoon Session

The second speaker of the second session was Dr.P.Jayaraman ,Professor ,Head of Department, Mechanical Engineering, Prathyusha Engineering College, Thiruvallur,Chennai. He gave clarity on implementation of robustness & noise , parameter design, orthogonal arrays in setailed manner. He explained about the advances in in DOE and also gave an insight on changes in DOE. Students are interacted and clarified their doubts with the speaker.

ATTENDANCE

PRATHYUSHA ENGINEERING COLLEGE

Department of Mechanical Engineering

National Level Workshop on
"Design of Experiment (DOE)"
(7th June 2017)

Attendance sheet

S.No	Name	College name	Mobile No	Signature
1	V.JAYASEELAN	PEC	9710693707	V.Jay
2	K.BALACHANDAR	PEC	8144505889	K.Bala
3	P.Sarmajkumar	PEC	9251-1421	P.Sarmj
4	R.karthicu	PEC	87785474	R.karthi
5	T.THIRUMALAI	PEC	9444840241	Dr
6	NIKESHKUMAR	PEC	9557787025	Nikesh
7	V.BALAJI	PEC	9962700567	V.Bala
8	D.Premkumar	PEC	987321523	Premj
9	G.Venkatkumar	PEC	809833734	G.Vkla
10	R.Ragavendiray	PEC	9543600934	R.Rag
11				
12				
13				
14				