



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

2016-2017

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 2016-2017					
BIOTECH	2016-2017	15-12-2017 - 16-12-2017	Two days workshop on grow more mushroom earn more money at PEC	-	99
BIOTECH	2016-2017	15-12-2017 - 16-12-2017	-	Two days workshop on grow more mushroom earn more money at PEC	4
CIVIL	2016-2017	-	-	-	-
CSE	2016-2017	22/11/16 to 28/11/2016	FDP on Human Computer Interaction	-	15
CSE	2016-2017	13/12/2016 to 14/12/2016	Programming in Python	-	15
CSE & IT	2016-2017	1/12/2016 & 2/12/2016	BIG DATA ANALYTICS	-	20
ECE	2016-2017	19.08.2016& 20.08.2016	LabVIEW core training with applications	-	32
ECE	2016-2017	07.11.2016& 08.11.2016	LabVIEW applications for Communication Engineers	-	32
EEE	2016-2017	23.11.2016	Hands on training on illumination software	-	15
IT	2016-2017	21/11/2016- to 22/11/2016	Exploring R Tool for Statistical Data Mining	-	-



**PRATHYUSHA
ENGINEERING COLLEGE**

ESTD. 2001 Poonamallee - Tiruvallur High Road, Chennai - 602025

DEPARTMENT OF BIOTECHNOLOGY

This is to certify that

Dr. P. DHASARATHAN of

DEPARTMENT OF BIOTECHNOLOGY

has participated in Two day workshop on **GROW MORE MUSHROOM
EARN MORE MONEY** and successfully completed the training held at
Prathyusha Engineering College, from 15th - 16th December 2017.

M. G. G.

ORGANIZING SECRETARY

P. Dharmalingam

HOD



**PRATHYUSHA
ENGINEERING COLLEGE**

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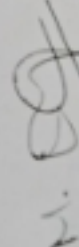
DEPARTMENT OF BIOTECHNOLOGY

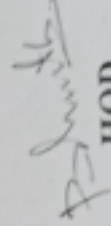
This is to certify that

PROF. RANJITHSINGH AJA of _____

DEPARTMENT OF BIOTECHNOLOGY

has participated in Two day workshop on **GROW MORE MUSHROOM
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Prathyusha Engineering College, from 15th - 16th December 2017.


ORGANIZING SECRETARY


HOD



PRATHYUSHA ENGINEERING COLLEGE

ESTD. 2001 Poonamallee -Tiruvallur High Road, Chennai - 602025

DEPARTMENT OF BIOTECHNOLOGY

This is to certify that

Mr. CHOLIPANDIAN K of _____

DEPARTMENT OF BIOTECHNOLOGY

has participated in Two day workshop on **GROW MORE MUSHROOM
EARN MORE MONEY** and successfully completed the training held at

Prathyusha Engineering College, from 15th - 16th December 2017.

M. D. J.

ORGANIZING SECRETARY

P. S. Murugan

HOD



**PRATHYUSHA
ENGINEERING COLLEGE**

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DEPARTMENT OF BIOTECHNOLOGY

This is to certify that

Dr. PRAVEENA A. of

DEPARTMENT OF BIOTECHNOLOGY

has participated in Two day workshop on **GROW MORE MUSHROOM
EARN MORE MONEY** and successfully completed the training held at

Prathyusha Engineering College, from 15th - 16th December 2017.

M. S. S.

ORGANIZING SECRETARY

P. Prathyusha
HOD



**PRATHYUSHA
ENGINEERING COLLEGE**

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DEPARTMENT OF BIOTECHNOLOGY

This is to certify that

Dr. THENMOZHI M of _____

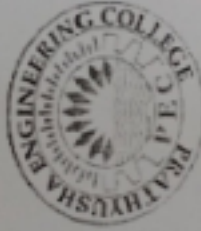
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N. G. G.

ORGANIZING SECRETARY

P. Prathyusha
HOD



PRATHYUSHA ENGINEERING COLLEGE

ESTD. 2001 Poonamallee - Tiruvallur High Road, Chennai - 602025

DEPARTMENT OF BIOTECHNOLOGY

This is to certify that
Ms. JOYCE HELEN SATHYA of

DEPARTMENT OF BIOTECHNOLOGY

has participated in Two day workshop on **GROW MORE MUSHROOM
EARN MORE MONEY** and successfully completed the training held at
Prathyusha Engineering College, from 15th - 16th December 2017.

M. G. G.

ORGANIZING SECRETARY

P. S. Sathya
HOD



**PRATHYUSHA
ENGINEERING COLLEGE**

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DEPARTMENT OF BIOTECHNOLOGY

This is to certify that

Dr. MARISELVAM of _____

DEPARTMENT OF BIOTECHNOLOGY

has participated in Two day workshop on **GROW MORE MUSHROOM**

EARN MORE MONEY and successfully completed the training held at

Prathyusha Engineering College, from 15th - 16th December 2017.

M. S. S.

ORGANIZING SECRETARY

P. Shanmuga

HOD



**PRATHYUSHA
ENGINEERING COLLEGE**

ESTD. 2001 Poonamallee - Tiruvallur High Road, Chennai - 602025

DEPARTMENT OF BIOTECHNOLOGY

This is to certify that

Mrs. Ponnjeyanthi . B of _____

DEPARTMENT OF BIOTECHNOLOGY

has participated in Two day workshop on **GROW MORE MUSHROOM
EARN MORE MONEY** and successfully completed the training held at
Prathyusha Engineering College, from 15th - 16th December 2017.

M. S. S.

ORGANIZING SECRETARY

P. Senthil

HOD



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ENGINEERING COLLEGE**

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DEPARTMENT OF BIOTECHNOLOGY

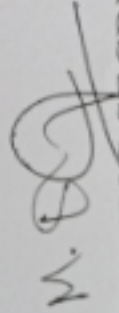
This is to certify that

Dr. SATHYA.S of _____

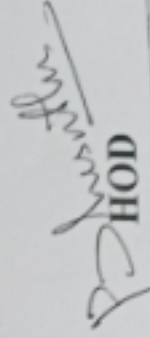
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ORGANIZING SECRETARY


HOD



**PRATHYUSHA
ENGINEERING COLLEGE**

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DEPARTMENT OF BIOTECHNOLOGY

This is to certify that

Mrs. DIVYAKSHMI . S of _____

DEPARTMENT OF BIOTECHNOLOGY

has participated in Two day workshop on **GROW MORE MUSHROOM
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M. D. J.

ORGANIZING SECRETARY

P. S. J.

HOD



PRATHYUSHA ENGINEERING COLLEGE

ESTD. 2001

Poonamallee - Tiruvallur High Road, Chennai - 602025

DEPARTMENT OF BIOTECHNOLOGY

This is to certify that

Mrs. PRIYA of _____

DEPARTMENT OF BIOTECHNOLOGY

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EARN MORE MONEY** and successfully completed the training held at

Prathyusha Engineering College, from 15th - 16th December 2017.

W. D. J.

ORGANIZING SECRETARY

P. Senthil Kumar
HOD



PRATHYUSHA ENGINEERING COLLEGE

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DEPARTMENT OF BIOTECHNOLOGY

This is to certify that
Dr. HEMALATHA . N of _____

DEPARTMENT OF BIOTECHNOLOGY.

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Prathyusha Engineering College, from 15th - 16th December 2017.

M. S. S.

ORGANIZING SECRETARY

P. J. S.

HOD

PRATHYUSHA ENGINEERING COLLEGE

DEPARTMENT OF BIOTECHNOLOGY

AEEICB-17

- ✦ International conference on “AEEICB-17” was conducted from 26.02.17 to 27.02.17 at Department of Biotechnology, Prathyusha Engineering college, Chennai.. Prof.H.Kumaraswamy, TANUVAS, Chennai delivered an invited lecture in International conference. All the staff members and 126 students participated in conference.



PHOTO: CONFERENCE “AEEICB-17”



PRATHYUSHA ENGINEERING COLLEGE



ADVANCES IN ELECTRICAL, ELECTRONICS, INFORMATION,
COMMUNICATION AND BIOINFORMATICS-20176 (AEEICB - 2017)

Date: 27.02.17

Session: AN

Track: Biotech

Venue: Main Block (Seminar Hall)

PAPER DETAILS

S.No	ID	Authors	Title of the paper	College
1	32	Haijin Wang, Ruhui Shen, Haichao Wang, Haohan Wang and Qing Song	Active Learning Framework of Informative p53 Cancer Rescue Mutants	School of Cyber Space Security, Beijing University of Posts and Telecommunications, China Medical College Soochow University, China. School of Computer Science Carnegie Mellon University, USA. Beijing University of Posts and Telecommunications, China.
2	34	Ashline George and Jerin Cyriac	Nano Particle Based Drug Delivery Systems	Vignan's University, Vadlamudi, Guntur, AP. Vimal Jyothi Engineering College, Chemperi, Kerala
3	77	Ruzbeh Tusserkani, Changiz Eslahchi, Azin Azadi and Hadi Poormohammadi	Inferring Phylogenies From Minimal Information	IPM, Iran. Shahid Beheshti University, Iran.
4	81	Sougata Sheet, Anupam Ghosh and Sudhindu Bikash Mandal	Selection of Gene Mediating Human Leukemia, using An Artificial Neural Network Approach	A. K. Choudhury School of Information Technology, University of Calcutta, India. Department of Computer Science and Engineering, Netaji Subhash Engineering College, India.
5	86	Afzal Ahmed Khan and Rahul Dahatonde	Design & Development of Fuel Cell Oxygen Tree (FCOT)	Sardar Patel College of Engineering, India
6	90	Ramya E and Sasikumar R	A Survey Of Smart Environment Conservation And Protection For Waste Management	RMD Engineering College, India
7	105	Thanga Rathna M, Maheswari R V and Samuel Pakianathan P	Enhancing the Properties of Used Mineral Oil by Regeneration Process	National Engineering College, India
8	108	Sabitha Selva Jothi K and Kalavani L	Enhancement of Protective Layer Coated Bushing under Artificial Coastal pollution Conditions	National Engineering College, India
9	122	R Devi Ravichandaran, Hemalatha R, Dr.S.Radha S and Mr.Sundaresan B	Efficient Decision Support System For Agricultural Applications	SSN College of Engineering, India. CSIR, India.



ESTD. 2001

PRATHYUSHA ENGINEERING COLLEGE

DEPARTMENT OF BIOTECHNOLOGY
ORGANIZING ENTREPRENEUR WORKSHOP

On

“GROW MORE MUSHROOM

and

EARN MORE MONEY”

By

Dr. A. Usha Raja Nanthini

Mother Teresa Women's University

On

15.12.2017

At

Prathyusha Engineering College, II floor Main block



PRATHYUSHA ENGINEERING COLLEGE

DEPARTMENT OF BIOTECHNOLOGY

WORKSHOP REPORT

"Entrepreneur workshop" organized for biotech students on **"Grow More Mushroom and Earn More Money"** on 15.12.2017

Resource Person : Dr. Usha Raja Nandhini, Associate Professor, Mother Teresa University, Kodaikonal



**"ENTREPRENEUR WORKSHOP" - DEPARTMENT OF BIOTECHNOLOGY
"GROW MORE MUSHROOM AND EARN MORE MONEY" ON
16.12.2017**



PRATHYUSA ENGINEERING COLLEGE
SEVEN DAYS FDP ON CS6008 HUMAN COMPUTER INTERACTION
DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

ATTENDANCE

S.NO	NAME OF THE PARTICIPANT	DESIGNATION	NAME OF THE COLLEGE	DAY 1		DAY 2		DAY 3		DAY 4		DAY 5		DAY 6		DAY 7	
				IN	AN	IN	AN	IN	AN	IN	AN	IN	AN	IN	AN	IN	AN
1	Satha Srinivas	AP	REC	Att	Att	Att	Att	Att	Att	Att	Att	Att	Att	Att	Att	Att	Att
2	Govindaraj	AP	REC	Att	Att	Att	Att	Att	Att	Att	Att	Att	Att	Att	Att	Att	Att
3	M. Suresh	AP	ADISCE	Att	Att	Att	Att	Att	Att	Att	Att	Att	Att	Att	Att	Att	Att
4	K.R. Subramanian	AP	SREC	Att	Att	Att	Att	Att	Att	Att	Att	Att	Att	Att	Att	Att	Att
5	M. Harishankar	AP	ECC	Att	Att	Att	Att	Att	Att	Att	Att	Att	Att	Att	Att	Att	Att
6	K. SUDHA	AP	SREC	Att	Att	Att	Att	Att	Att	Att	Att	Att	Att	Att	Att	Att	Att
7	P. Priya	AP	AMSCE	Att	Att	Att	Att	Att	Att	Att	Att	Att	Att	Att	Att	Att	Att
8	G. Ramesh	ASP	REC	Att	Att	Att	Att	Att	Att	Att	Att	Att	Att	Att	Att	Att	Att
9	J. Megalai	AP	REC	Att	Att	Att	Att	Att	Att	Att	Att	Att	Att	Att	Att	Att	Att
10																	
11	Internal Participants																
12	M. Srinivas	AP	REC	P	P	P	P	P	P	P	P	P	P	P	P	P	P
13	V. Ramesh	Asso. Prof.	"	P	P	P	P	P	P	P	P	P	P	P	P	P	P
14	G. Mahan	AP	"	P	P	P	P	P	P	P	P	P	P	P	P	P	P
15	S. Durgadevi	Asso. Prof.	"	P	P	P	P	P	P	P	P	P	P	P	P	P	P
16	H. Kalpana	AP	"	P	P	P	P	P	P	P	P	P	P	P	P	P	P
17																	
18																	
19																	

[Signature]

ABOUT THE INSTITUTION

Prathyusha Engineering College is just 30km away from Chennai on Poonamallee-Tiruvallur 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 centre 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 THE DEPARTMENT

Computer Science and Engineering department was established in the year 2001 with a vision to create a forum, where we can deliver contemporary education to the students to gain abundant Knowledge in the recent trends of Computer Science in order to make them has innovators and researchers. The department has qualified and committed faculty members with good infrastructure. The department has signed MOU with IBM, Oracle and Infosys and with their aid we organize workshops, seminars and guest lecturers regularly. The department is keen in promoting R & D activities and providing opportunities for the development of students as well as for faculties.

OBJECTIVE OF THE FDTP

- Design effective dialog for HCI.
- Design effective HCI for individuals and persons with disabilities.
- Assess the importance of user feedback.
- Explain the HCI implications for designing multimedia/ ecommerce/ e-learning Web sites.
- Develop meaningful user interface.

Participation in the programme will be helpful in teaching the subject **CS6008 - HUMAN COMPUTER INTERACTION** for the Eighth semester B.E. Computer Science and Engineering students

ABOUT REGISTRATION:

- Number of seats restricted to 25 only.
- No registration fees.
- No TA/DA will be provided
- Selection on first come first served basis.
- Selected Candidates will be intimated by e- mail

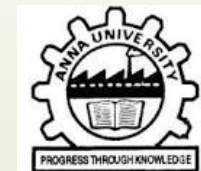
Send the scanned copy of duly filled in Registration forms to the Co-ordinator by e-mail to padmapriya.it@prathyusha.edu.in or hod.cse@prathyusha.edu.in on or before 17.11.2016.

SEVEN DAYS FDTP ON CS 6008- HUMAN COMPUTER AND INTERACTION

22nd-28th November, 2016

Co-ordinators

Dr.S.PadmaPriya
Mrs. V.R.Kavitha
Mrs.Kannamma
Mrs.N.SriPriya



Approved By
**Anna University
Chennai**

Organized by



Department of
Computer Science and Engineering

**PRATHYUSHA
ENGINEERING COLLEGE**

AranvoyalKuppam
Chennai-602025

www.prathyusah.edu.in

CS 6008- HUMAN COMPUTER AND INTERACTION

22nd–28th November, 2016

REGISTRATION FORM

1. Name :
2. Designation:
3. Qualification :
4. Age and Gender:
5. Professional Experience (in years)
Teaching :
Industry :
6. Did you attend this course earlier: Yes/ No
7. Address of the college / Institution:
8. Research Interest :
9. Mobile :
10. E –mail :

The information provided by me is true to the best of my knowledge. I agree to abide by the rules and regulations governing the FDTP. If selected, I shall attend the programme for the entire duration.

Date :

Place:

Signature of the Applicant

SPONSORSHIP

Dr./Mr./Ms./ _____
is an employee of our college/institution.
He/ She will be permitted for the above FDTP,
if selected.

Signature of the Principal
With Seal

For further details, contact

Dr.S.Padmapriya
Mrs.V.R.Kavitha
Co-ordinators
Department of
Computer Science and Engineering

Phone: 044-37673740
9962562307
9176772061

Email:

hod.cse@prathyusha.edu.in
padmapriya.it@prathyusha.edu.in

ORGANISING COMMITTEE

PATRON:

Dr.S.Ganesan,
Registrar,
Anna University, Chennai-25.

CHAIR:

Dr.K. Shanthi,
Director, CFD.

Dr.D.Sridharan,
Addl. Director, CFD

CO CHAIR:

Dr.P.L.N.Ramesh
Principal
Prathyusha Engineering college

CO-ORDINATORS:

Dr.S.PadmaPriya, Professor (CSE)
Mrs.V.R.Kavitha, Assoc.Professor & Head
Ms.Kannamma Sridharan ,AP-II (CSE)
Mrs.N.Sripriya, AP-I (CSE)

VENUE:

Seminar Hall

Important Dates:

Last date for submission
of Application : 17.11.2016
Intimation of selection : 18.11.2016
Confirmation by Participants : 19.11.2016

TABLE OF CONTENTS

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6.	Brochure form	

Prathyusha Engineering College
Department of CSE
Human Computer Interaction Report

Date : 22.11.16 & 28.11.16

External Resource Persons :

1. **Mr.T.Uma Shankar** , Lead, Lead, quality Analyst, Mphasis Software Ltd, DLF, Porur
2. **Mr.S.M.Anand**, Senior Technical Leader, HID Global
3. **Mr.D.P.Kathick.**,Senior Technical Architect, CapGemini (iGATE)

Internal Resource Persons:

1. **Dr.S.Padma Priya** (Professor/CSE)
2. **Ms.V.R.Kavitha**, (Associate Professor/CSE)
3. **Ms.S.Durga devi**, (Associate Professor/CSE)
4. **Ms.N.SriPriya**, (Assistant Professor- I/CSE)
5. **Ms.I.Mohan**, (Assistant Professor- I/IT)
6. **Ms.H.Kezia**. (Assistant Professor- I/CSE)

- On 22-11-16, we discussed the I/O channels, Memory, Problem solving, Computer devices, Ergonomics, styles and its processing by Dr.S.Padma Priya on 22-11-16.
- On 23-11-16, Mrs.V.R.Kavitha and Ms.N.SriPriya handled Interactive basic design tools, scenarios, screen design, Iteration, Prototyping and the software development life cycle.
- On 24-11-16 the external resource person Mr.D.P.Karthick gave an elaborate knowledge on the Standards, guidelines, Universal Design Rules Cognitive models, Hypertext, www
- On 25-11-16 Ms S.Durgadevi and Ms.Kannamma presented the Mobile Ecosystem, Application Framework, Types of Mobile applications and also followed by a hands on session to develop a Mobile application using android studio
- On 26-11-16 the external resource person Mr.Uma Shankar discussed the points on Elements of the Mobile design and tools by giving real time industrial approach
- On 27-11-16 Mr. Mohan and Ms.Kezia discussed on Web Interfaces, Drag and Drop, Direct selection, Conceptual tools, Inlays, Overlays, virtual pages followed by a hands on session for designing web page for health care
- On 28-11-16 the external resource person Mr.S.M.Anand gave a brief view about HCI usage and design in industry with real time approach
- About 8 external participants from various engineering colleges (AMS Engineering college, Sri ram Engineering college, Rajalakshmi Engineering college) were attended the programme. The participants experienced good knowledge and awareness in this domain.
- We thank the University, Principal, Management, department for the support and encouragement given to organize this event in a grand success.



RESOURCE PERSON: Dr.S.PADMAPRIYA ON 22-11-16



RESOURCE PERSON: Ms.N.SRIPRIYA ON 23-11-16



RESOURCE PERSON: Ms.V.R.KAVITHA ON 23-11-16



EXTERNAL RESOURCE PERSON: Mr. S.M. ANAND ON 28-11-16

LIST OF THE INDUSTRIAL EXPERTS

Resource Persons from Industry:

Resource Person (1)

Name of the Resource Person : **Mr. T. T. Uma Shankar**
Name of the Industry : Mphasis software LIMITED
Present Designation : Lead Quality Engineer
Area of Specialization : Android & Google Glass Application Development

Resource Person (2)

Name of the Resource Person : **Mr. S.M.ANAND**
Name of the Industry : HID Global
Present Designation : Senior Technical Leader
Company Name with address : Tamarai Tech Park, Guindy, Chennai
Area of Specialization : Android ,Google Glass Application Development, IOT Tools, Flash, Design Patterns.

Resource Person (3)

Name of the Resource Person : **Mr.D.P.Karthick**
Name of the Industry : Capgemini
Present Designation : Senior Technical Architect
Company Name with address : Sipcot IT Park, Old Mahabalipuram Road
Area of Specialization : UI Design Architect .

SCHEDULE OF TRAINING PROGRAMME

BRANCH : COMPUTER SCIENCE AND ENGINEERING
SEMESTER : VIII
SUBJECT CODE : CS6008
SUBJECT NAME : Human Computer Interaction
DURATION : 22/11/2016 TO 28/11/2016

Tentative schedule for conducting FDTP CS6008- HUMAN COMPUTER INTERACTION(IOT Era)

Date	Session	Time	Resource person	Topics
22/11/2016	Registration & Inauguration	9.00 a.m. to 10.00 a.m.	Dr. P.L.N. RAMESH, Principal Prathyusha Engineering College	
	Session 1	10.10 a.m. to 12.15 p.m.	Dr. S. PadmaPriya Professor/CSE	The Human: I/O channels – Memory – Reasoning and problem solving; The computer: Devices – Memory – processing and networks;
	Session 2	1.30 p.m. to 3.00 p.m.	Dr. S. PadmaPriya Professor/CSE	Interaction: Models – frameworks–Ergonomics – styles –elements– interactivity- Paradigms.
	Session 3	3.15 p.m. to 4.45 p.m.	Dr. S. PadmaPriya Professor/CSE	IOT –Overview, Technology & Tools.
23/11/2016	Session 1	9.00 a.m. to 10.30 a.m.	Ms.N.Sripriya Assistant Professor/CSE	Interactive Design basics – process – scenarios – navigation – screen design – Iteration and prototyping.
	Session 2	10.45 a.m. to 12.15 p.m.	Mrs.V.R.Kavitha Associate Professor/CSE	HCI in software process – software life cycle – usability engineering – Prototyping in practice – design rationale.
	Session 3	1.30 p.m. to 3.00 p.m.	Ms.N.Sripriya Assistant Professor/CSE	Design rules – principles, standards, guidelines, rules. Evaluation Techniques – Universal

				Design.
	Session 4	3.15 p.m. to 4.45 p.m.	Dr. S. PadmaPriya Professor/CSE	Internet of things - Open source Development Tools and resources.
24/11/2016	Session 1	9.00 a.m. to 10.30 a.m.	Mr.D.P.Karthick Senior Technical Architect Capgemini	Cognitive models –Socio-Organizational issues and stake holder requirements
	Session 2	10.45 a.m. to 12.15 p.m.	Mr.D.P.Karthick Senior Technical Architect Capgemini	Communication and collaboration models- Hypertext, Multimedia and WWW.
	Session 3	1.30 p.m. to 3.00 p.m.	Dr. S. PadmaPriya Professor/CSE	IOT development Tools - Eclipse IoT , Arduino
	Session 4	3.15 p.m. to 4.45 p.m.	Dr. S. PadmaPriya Professor/CSE	Environmental Monitoring Using IOT Tools.
25/11/2016	Session 1	9.00 a.m. to 10.30 a.m.	Ms.Durgadevi Associate Professor/CSE	Mobile Ecosystem: Platforms, Application frameworks.
	Session 2	10.45 a.m. to 12.15 p.m.	Ms.Kannamma Assistant Professor-II/CSE	Types of Mobile Applications: Widgets, Applications
	Session 3	1.30 p.m. to 3.00 p.m.	Ms.Durgadevi Associate Professor/CSE	Hand-on session (Eclipse used for Mobile App development)
	Session 4	3.15 p.m. to 4.45 p.m.	Ms.Kannamma Assistant Professor-II/CSE	Hand-on session (Eclipse used for Mobile App development)
26/11/2016	Session 1	9.00 a.m. to 10.30 a.m.	Mr.T.Uma Shankar Lead Quality Engineer, Mphasis software Limited	Games- Mobile Information Architecture, Mobile 2.0
	Session 2	10.45 a.m. to 12.15 p.m.	Mr.T.Uma Shankar Lead Quality Engineer, Mphasis software Limited	Mobile Design: Elements of Mobile Design, Tools.
	Session 3	1.30 p.m. to 3.00 p.m.	Dr. S. PadmaPriya Professor/CSE	Hand-on session (Arduino)
	Session 4	3.15 p.m. to 4.45 p.m.	Dr. S. PadmaPriya Professor/CSE	Hand-on session (Arduino)
27/11/2016	Session 1	9.00 a.m. to 10.30 a.m.	Mr.I.Mohan Assistant Professor-I/IT	Designing Web Interfaces – Drag &

				Drop, Direct Selection
	Session 2	10.45 a.m. to 12.15 p.m.	Mr.I.Mohan Assistant Professor-I/IT	Contextual Tools
	Session 3	1.30 p.m. to 3.00 p.m.	Ms.Kezia Assistant Professor/CSE	Overlays, Inlays and Virtual Pages.
	Session 4	3.15 p.m. to 4.45 p.m.	Ms.Kezia Assistant Professor/CSE	Web Application for health care.
28/11/2016	Session 1	9.00 a.m. to 10.30 a.m.	Mr. S.M.Anand Senior Technical Lead HID Global	Process Flow
	Session 2	10.45 a.m. to 12.15 p.m.	Mr. S.M.Anand Senior Technical Lead HID Global	Case Studies-Design and Implementing HCI based concepts on IOT.
	Session 3	1.30 p.m. to 3.00 p.m.	Dr. S. PadmaPriya Professor/CSE	Case Studies-Design and Implementing HCI based concepts on IOT.
	Session 4	3.15 p.m. to 4.45 p.m.	Valedictory Function	

Signature of coordinator

Signature of Principal

ORGANIZING COMMITTEE

Chief Patrons

Shri. P. Raja Rao, Chairman
Smt. P. Prathyusha, CEO
Shri. M. Vasu, Advisor

Patrons

Dr. P.L.N. Ramesh, Principal

Convener

Ms.V. R. Kavitha,HOD/CSE

Coordinators

Ms. H. Vidhya, Asst. Prof.
Ms. R. Meena, Asst. Prof.
Ms. P. Saranya, Asst. Prof.

Committee Members

Dr. M. Gopikrishnan, Assoc. Prof.
Ms. S. Durgadevi, Assoc. Prof.
Mr. W. Thamba Meshach, Assoc. Prof.
Ms. R. Kannamma, Asst. Prof.
Mr. K. Shankar, Asst. Prof.
Ms. H. Kezia, Asst. Prof.

Objective of the program

An in depth learning of python and practice hands on with the following Concepts:

- Introduction to Python
- Regular expressions
- String , List , Set
- Object Oriented Programming
- GUI – TkInter
- Dictionary , Functions,Modules
- XML Processing
- Multithreading
- Database Access

Applications of Python in IT Industry

Google: Most components of its search engine & spider are all based on python.

Yahoo: Maps and groups are based on python.

Zope Corporation & Ultraseek

Linux: Its weekly news is published using python's quixote framework.

IBM: It uses python to create the business practice logic for factory tool control applications.

Zeomega, Azoi , Disney , Nokia, etc

A NATIONAL LEVEL WORKSHOP

PROGRAMMING IN PYTHON

13.12.2016 & 14.12.2016

Organized by

Department
of
Computer Science and Engineering



**PRATHYUSHA
ENGINEERING COLLEGE**

Poonamallee-Tiruvallur Road,
Aranvoyaluppam, Chennai-602025,
Tamilnadu

About PEC

Prathyusha Engineering College is one of the best Engineering colleges, around Chennai on the Poonamallee – Tiruvallur Road at Aranvoyaluppam. This temple of knowledge provides an ideal atmosphere to pursue education without any external distraction.

PEC has, within a short span of time, emerged as one of the premier professional institutions in this region. The college maintains high standards of education by providing a wide array of world class academic facilities, employing highly qualified and experienced faculty members and creating an ambience conducive to quality education. Today, the college offers 7 UG courses (CSE, IT, ECE, EEE, Mech, Civil and BioTech), 4 PG programmes [ME (CSE), ME (SE), ME (PED), ME (CS)] and Research centre for CSE and ECE, affiliated to Anna University approved by AICTE and accredited by NACC and NBA.

Benefits of the Programme

Python is a powerful high-level, object-oriented programming language. It is free and open source. The Python workshop benefits the students and faculty from various colleges to have wide exposure in python. This programme gives intensive training on advanced concepts in python with hands on.

Important Dates

Submission of filled in application

Dec 8, 2016

Confirmation from participants via email

Dec 9, 2016

Registration fee of Rs. 300 should be paid in the form of DD in favor of

“The Principal, PEC” payable at Chennai.

Mailing Address

Ms. V. R. Kavitha

HOD/CSE

Prathyusha Engineering College,
Poonamallee - Thiruvallur High Road,
Chennai-602025, Tamilnadu

Phone: 044 – 3767 3767

Mobile: 9176772061

Email: hod.cse@prathyusha.edu.in

A NATIONAL LEVEL WORKSHOP

PROGRAMMING IN PYTHON

Registration Form

13.12.2016 & 14.12.2016

1. Name :
2. Age & Date of Birth:
3. Designation :
4. Institution with address:
5. Address for Communication:
6. Mobile No :
7. DD No: Dated:
8. Bank:
- Place:
- Date: Signature

PRATHYUSHA ENGINEERING COLLEGE
WORKSHOP ON "Programming in PYTHON"
Attendance

Date: 14.12.2016 & 15.12.2016

S.No	Name	College	14/12/16		15/12/16	
			FN	AN	FN	AN
1.	Ms. Gracy	Sriiram Engg clg	Gracy	Gracy	Gracy	Gracy
2.	Ms. Shyamala	SVCEI	Shyamala	Shyamala	Shyamala	Shyamala
3.	Ms. Jinu	SAEL	Jinu	Jinu	Jinu	Jinu
4.	Mr. Chiranjeevi	SAEC	Chiranjeevi	Chiranjeevi	Chiranjeevi	Chiranjeevi

PRATHYUSHA ENGINEERING COLLEGE

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

A NATIONAL LEVEL WORKSHOP ON “PROGRAMMING IN PYTHON”

ANNEXURE – II

PROGRAMME SCHEDULE (13-12-2016 &14-12-2016)		
Day-1 - FN	Date: 13/12/2016	Venue : MegaLab
Inauguration Time:8.45 am -9.00 am		
Technical Session - I (9.00 am - 10.30 am)		
Resource Person : Ms.R.Meena		
✓ Python Basics		
○ Python introduction		
○ Scope of python		
○ Applications of Python		
○ Python Environment & Basic Syntax		
○ Regular expressions		
Technical Session - II (10.45 am - 12.30 pm)		
Resource Person : Ms.H.Vidhya		
✓ Python Basics		
○ Variables, Operators		
○ Decision Making, Loops		
○ Numbers		
○ String		
Technical Session - III (1.15 am - 2.15 am.)		
Resource Person : Ms.N.Sripriya		
○ List		
○ List as Stack		
○ List as Queue		
○ Sets		

Technical Session - IV (2.15 pm - 3.45 pm.)

Resource Person : Ms.V.R.Kavitha

- Object Oriented Concepts

Day-2 - FN.

Date: 14/12/2016

Venue : MegaLab

Technical Session - V (9.00 am - 10.30 pm.)

Resource Person : Ms.H.Kezia

- GUI – TkInter
- XML Processing

Technical Session - VI (10.45 am - 12.30 pm.)

Resource Person : Mr.I.Mohan

- Dictionary
- Functions
- Modules

Technical Session - VII (1.15 pm - 3.15 pm.)

Resource Person : Ms.R.Meena &Ms. H.Vidhya

Python Advanced

- ✓ Python Advanced
 - Multithreading
 - Database access

Valedictory Function (3.15 pm - 3.45 pm.)

PRATHYUSHA ENGINEERING COLLEGE
WORKSHOP ON "Programming in PYTHON"
Feedback Form

Date: 14.12.2016 & 15.12.2016

Name : S. Gracy
College Name : Sriiram Engineering College
Mail ID : gracianissi@gmail.com

Feedback on Seminar:

The seminar was informative and interesting.

PRATHYUSHA ENGINEERING COLLEGE
WORKSHOP ON "Programming in PYTHON"
Feedback Form

Date: 14.12.2016 & 15.12.2016

Name : Jinu
College Name : S A Engineering College
Mail ID : jinu42@gmail.com

Feedback on Seminar:

Python basics are covered
with examples. Good.



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with the world

PRATHYUSHA

ENGINEERING COLLEGE

Department of Information Technology

BIG DATA ANALYTICS

December 1st & 2nd 2016



PRATHYUSHA ENGINEERING COLLEGE
DEPARTMENT OF INFORMATION TECHNOLOGY

Workshop title: **BIG DATA ANALYTICS**

Instructors: Ms.M.D.Boomija AP-I,
Ms.P.Anuradha AP-I

Date: 01 -12-2016 & 02-12-2016

	Strongly agree				Strongly disagree
The content was as described in publicity materials	✓	2	3	4	5
The workshop was applicable to my job	✓	2	3	4	5
I will recommend this workshop to others	✓	2	3	4	5
The program was well paced within the allotted time	✓	2	3	4	5
The instructor was a good communicator	✓	2	3	4	5
The material was presented in an organized manner	✓	2	3	4	5
The instructor was knowledgeable on the topic	✓	2	3	4	5
I would be interested in attending a follow-up, more advanced workshop on this same subject	✓	2	3	4	5

Given the topic, was this workshop: a. Too short b. Right length c. Too long

In your opinion, was this workshop: a. Introductory b. Intermediate c. Advanced

Please rate the following:

	Excellent	Very Good	Good	Fair	Poor
a. Visuals	✓	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
b. Acoustics	✓	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
c. Meeting space	✓	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
d. The program overall	✓	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

What did you most appreciate/enjoy/think was best about the course? Any suggestions for improvement?

Name of the Participant: M. Nagarajom
 : Valluammai Engineering College
 No : 9043638600
 Id : nagarajmurthy@gmail.com

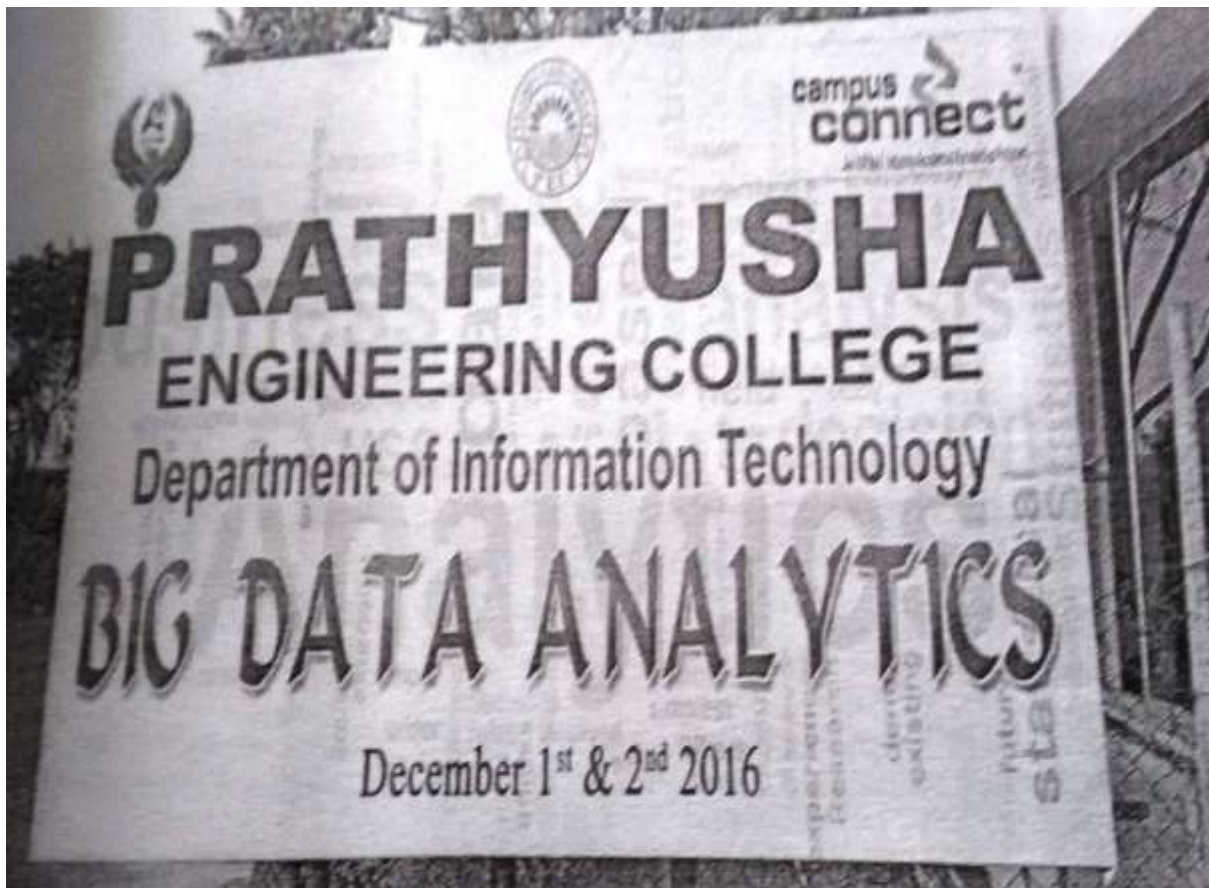
Thank You

PRATHYUSHA ENGINEERING COLLEGE

WORKSHOP ON BIGDATA ANALYTICS

Date : 1/12/2016 & 2/12/2016

Banner



Brochure

Sponsorship

Mr./Ms./Dr _____ is an employee of our institution and he / she is sponsored to attend the National level workshop on “Big Data Analytics” conducted at Prathyusha Engineering College on 1st & 2nd December 2016.

Date:

*Signature of Sponsoring
Authority with office Seal*

Contact Address:

Ms.M.D.Boomija,
Assistant Professor-I,
Department of IT,
Prathyusha Engineering College,
Aranvoyaluppam,
Tiruvallur District,
Tamil Nadu – 602 025.

Phone: +91 4437673745
7358028970

Mail-id: boomija.it@prathyusha.edu.in

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, Professor & Head/IT

CO-ORDINATORS:

Ms.M.D.Boomija, Asst.Professor-I/IT
Ms.P.Anuradha, Asst. Professor-I/IT

Important Dates

Last date of Registration : 24.11.2016

Last date of confirmation : 28.11.2016

Date of Workshop : 01.12.16 & 02.12.16

Registration Amount : 500/-

About Speaker

Dr.M.Krishnamurthy, Professor & Head, Department of Computer Science & Engineering, KCG College of Technology is a passionate person, well versed in problem identification and implementation of effective solutions. He has received many Industrial Awards, Project Awards and Performance Awards and has published 39 research papers. More than 85 Guest Lectures were given in Various Universities and Colleges across states. He has delivered a speech on “Big Data Analytics” in Podhigai TV and various other channels.

TWO DAYS NATIONAL WORKSHOP ON



“Big Data Analytics”
On
1st & 2nd December 2016



Convenor
Dr. P. Chitra

Coordinators
Ms.M.D.Boomija
Ms.P.Anuradha

Organized by

Department of Information Technology
PRATHYUSHA ENGINEERING COLLEGE
Poonamalle-Thiruvallur High Road
Chennai – 600 025

Website: www.prathyusha.edu.in

 www.facebook.com/prathyushainsitute

About Prathyusha Engineering College

Prathyusha Engineering College is just 30km away from Chennai on Poonamallee-Tiruvallur Road at Aravoyalkuppam, in spacious and peaceful surroundings of 45-acres of land. Prathyusha has, within a short span of time, emerged as one of the premier professional institutions in this region. The college maintains high standards of education by engaging highly qualified and experienced faculty members. The college offers 6 UG courses in Engineering and 5 PG courses, affiliated to Anna University and approved by AICTE and accredited by NAAC & NBA. College feels proud to produce university rank holders. This institution focuses on the overall development of the Students and Faculty.

About Big Data Analytics

Big data technology focuses on finding hidden threads, trends, or patterns from heaps of company data. Industry influencers, academicians, and other prominent stakeholders certainly agree that big data has become a big game changer in most types of modern industries over the last few years. As big data continues to permeate our day-to-day lives, there has been a significant shift of focus from the hype surrounding it to finding real value in its use. With this in mind, having a bird's eye view of big data and its application in different industries will help the academicians better appreciate what our role is or what it is likely to be in the future for the students in the industries.

Necessity of Big Data

- Cost reduction in storing large amounts of data.
- Faster, better decision making-able to analyze information immediately.
- New products and services-With the ability to gauge customer needs and satisfaction.
- Preparing the Organization for the Inevitable Future.

Big Data Operations in Industries

- Security issues in Banking.
- Customized Healthcare.
- Communications,Media and Entertainment.
- Targetted Education.
- Optimization of Manufacturing and Natural Resources.
- E-Governance.
- Securities Exchange Commission (SEC) is using big data to catch illegal trading activity.
- Food and Drug Administration (FDA) is using big data to detect and study patterns of food related illnesses and diseases.
- Energy and Utilities.

TWO DAYS NATIONAL WORKSHOP ON



"Big Data Analytics"
On
1st & 2nd December 2016

Registration Form

1. Name :
2. Designation :
3. Qualification :
4. Experience :
5. Designation & Dept:
6. Organization :
7. Address for Communication:

8. Mobile No :
9. Email-Id :

Place:

Date:

Signature

Permission letter for Food and Transport

To
The Workshop Co-ordinator,
Department of Information Technology,
Pudhupeta Engineering College,
Tiruvallur.

Submitted to Principal

To
The Principal,
Pudhupeta Engineering College,
Tiruvallur.

Chellu

Through
The HOD/IT,
Pudhupeta Engineering College,
Tiruvallur.

Sir,

Sub: Request for food & transport for Workshop - sug.

The Department of IT is organizing a workshop
"Big Data Analytics" on December 1st & 2nd. Fifteen participants
from various different colleges have registered for the
workshop. Hence kindly give us permission for them to
use the transport & Mess.

Yours,
20.11.16

Thanking you,

P. Anushta
20/11/16
Yours sincerely,

P. Anushta
(P. Anushta) 20/11/16

PRATHYUSHA ENGINEERING COLLEGE
SINGLE WINDOW REQUEST FORM FOR DEPARTMENT FUNCTIONS AND COLLEGE FUNCTIONS
(TO BE SUBMITTED 1 WEEK IN ADVANCE)

NAME OF THE PROGRAMME (PLEASE TICK)		ON CAMPUS	GUEST LECTURE	SEMINAR	WORKSHOP/ SYMPOSIUM/ CONFERENCE	PRELACEMENT TALK
					✓	
TITLE OF THE PROGRAMME		DETAILS OF GUEST		1	2	
Bills DATA ANALYTICS		NAME	Dr. M. Kishorevenkthy	Jai Ganesha Jaitkumar		
		DESIGNATION	HOD/KCm College of Tech	Lead - Education, Training & Assessment		
SPONSORED BY (if applicable)		NAME OF THE ORGANISATION	KCm College of Technology	Infosys		
		CONTACT NO.	94414349150	7358380556		
		EMAIL ID				
VENUE		Other Hall	Multipurpose Hall	OTHER DETAILS		
				ADVANCE RECEIVED FROM ACCOUNTS	-	
NO. OF GUESTS		2	ESTIMATED NO. OF PARTICIPANTS	20		
Nature of the Guests		REGISTRATION FEES PER PARTICIPANT	500			
NORMAL	VIP	VVIP	TOTAL REGISTRATION FEES	10,000		
	✓					
Memento/ Shawl/ Bouquet				Banner		
Details	Quantity	Cost estimate	Total	Venue	Main gate	
Mementos	1	1500	1500	Size	6 x 12	
				Qty	1	
Shawl Cash		4000	4000	Cost	850	
Bouquet				Transportation	Guest 1	Guest 2
Transport	No. of resource Persons	Nature of Transport		Pick up Time	7.15 am	7.15 am
Yes	No	College vehicle	Type	Drop Time	4.00 pm	4.00 pm
✓		✓	Cab	Pick Up address		
Food		Venue	Qty	Classrooms/ Lab requirement		
Breakfast		Dining Hall	2	Block	Collaboration	
Refreshment		"	3	Floor	1st	
Lunch		"	3	LH No.	Hawth Lab	
Total Budget	7000					
Cost Centre						
Signature of the coordinator	D. An	Signature of the HOD	Cheth	Signature of the Principal	M. J. M.	

Note:
 The Bills should be settled the next day of the programme

Mail Communication to Participants

Big Data Analytics Workshop on December 1st & 2nd 2016

Boonija IT <boonija.it@prathyusha.edu.in>

Tue, Nov 22, 2016, 11:32 AM

to: ramesh@, maha, c_r_m, apud, andy, info, admin, mail, principal, principal, gpc, rec, dte, newswaga, newswaga, mysingscollege, noreply, anca, dte, energy_2016, saket, info, saket, chairman, subjects, chairman, anreggc, dte, info, nra

Dear Sir/Madam,

Greeting from Prathyusha Engineering College for "Big Data Analytics Workshop" on Dec 1st and 2nd 2016.

The objective of this workshop is to provide opportunity for faculty members / research scholars of Constituent Colleges and University Colleges (Regional Centres) to enrich their knowledge in the area of Big Data Analytics. This workshop will provide a vibrant opportunity for researchers and faculty members.

Kindly fill the registration form and send to the mail boonija.it@prathyusha.edu.in

Or boonija.it@prathyusha.edu.in

Registration Amount: Rs. 500 for faculty and Rs. 300 for PG student.

Thanks & Regards
Anantha P AP IIT
Prathyusha Engineering College,
Chennai
Contact No: 964948763

Boonija MD/ AP / IT
72962878



Feedback Form

PRATHYUSHA ENGINEERING COLLEGE
DEPARTMENT OF INFORMATION TECHNOLOGY

Workshop title: BIG DATA ANALYTICS

Instructors: Ms.M.D.Boomija AP-I.
Ms.P.Anuradha AP-I

Date: 01-12-2016 & 02-12-2016

	Strongly agree	2	3	4	Strongly disagree
The content was as described in publicity materials	<input checked="" type="checkbox"/>				
The workshop was applicable to my job	<input checked="" type="checkbox"/>				
I will recommend this workshop to others	<input checked="" type="checkbox"/>				
The program was well paced within the allotted time	<input checked="" type="checkbox"/>				
The instructor was a good communicator	<input checked="" type="checkbox"/>				
The material was presented in an organized manner	<input checked="" type="checkbox"/>				
The instructor was knowledgeable on the topic	<input checked="" type="checkbox"/>				
I would be interested in attending a follow-up, more advanced workshop on this same subject	<input checked="" type="checkbox"/>				

Given the topic, was this workshop: a. Too short b. Right length c. Too long

In your opinion, was this workshop: a. Introductory b. Intermediate c. Advanced

Please rate the following:

	Excellent	Very Good	Good	Fair	Poor
a. Visuals	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
b. Acoustics	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
c. Meeting space	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
d. The program overall	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

What did you most appreciate/enjoy/think was best about the course? Any suggestions for improvement?
—

Name of the Participant: M. Nagarajom
: Valluommai Engineering College
No : 9043638600
d : nagarajmurthy@gmail.com

Thank You





PRATHYUSHA ENGINEERING COLLEGE
Department of Information Technology



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Certificate of Participation

This is to certify that Dr./Mr./Ms. Prof. S. ATHINARAYANAN,
of PRATHYUSHA ENGINEERING COLLEGE
has attended the workshop on "BIG DATA ANALYTICS" held on 1st and
2nd December 2016 at Prathyusha Engineering College, Thiruvallur.

COORDINATOR

H.O.D.

PRINCIPAL



PRATHYUSHA ENGINEERING COLLEGE
Department of Information Technology



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Certificate of Participation

This is to certify that Dr./Mr./Ms. J. JEYAPRIYA, ASST. PROFESSOR
of S.A. ENGINEERING COLLEGE
has attended the workshop on "BIG DATA ANALYTICS" held on 1st and
2nd December 2016 at Prathyusha Engineering College, Thiruvallur.

COORDINATOR

H.O.D.

PRINCIPAL

ORGANIZING COMMITTEE

Chief Patron	Sri P. Raja Rao Founder & Chairman PEC
Patron	Dr P. N. Ramesh Principal, PEC
Convener	Dr P. Kalpana Devi Professor, LCE
Resource persons	Dr P. Kalpana Devi Professor ECE Ms M. Priya, Asst. Professor ECE Ms M. Latha Asst. 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

"LabVIEW core training with
applications"

19.08.2016 & 20.08.2016

Coordinators

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

Organized by

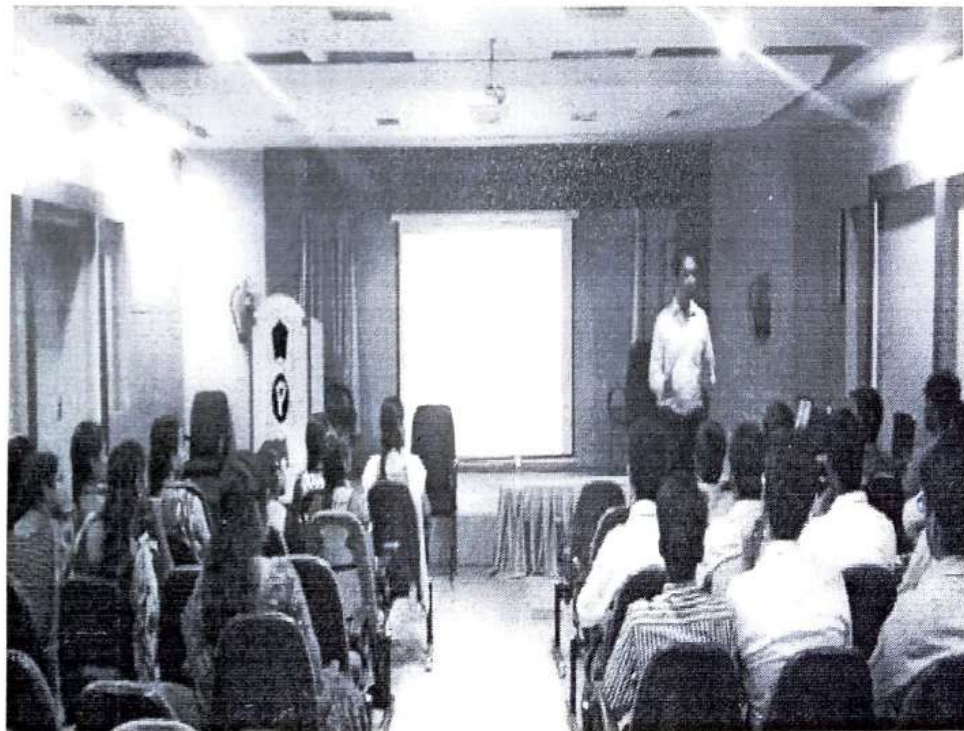


PEC-NI LabVIEW Academy

DEPARTMENT OF ELECTRONICS AND
COMMUNICATION ENGINEERING



PRATHYUSHA ENGINEERING COLLEGE
THIRUVALLUR 602025



Workshop on LabVIEW core training with applications on 19.08.2016 & 20.08.2016

P. Kalpana

CB

PRATHYUSHA ENGINEERING COLLEGE

Department of ECE

NI LabVIEW Academy

LabVIEW core training with applications

Date:19.08.2016& 20.08.2016

Attendance sheet

S.No	Participants name	19.08.2016	20.08.2016
1.	Ms.L.Vanitha	<i>Vanitha</i>	<i>Vanitha</i>
2.	Ms.G. Premalatha	<i>G.Premalatha</i>	<i>G.Premalatha</i>
3.	Ms.M. Priya	<i>M.Priya</i>	<i>M.Priya</i>
4.	Ms.P.Malathi	<i>P.Malathi</i>	<i>P.Malathi</i>
5.	Mr.L.Padmanaban	<i>L.Padmanaban</i>	<i>L.Padmanaban</i>
6.	Mr.T.Rubeshkumar	<i>T.Rubeshkumar</i>	<i>T.Rubeshkumar</i>
7.	Ms.Sreeja Vijay	<i>Sreeja Vijay</i>	<i>Sreeja Vijay</i>
8.	Ms.S.Vimala	<i>S.Vimala</i>	<i>S.Vimala</i>
9.	Ms.S. Inbalakshmi	<i>S.Inbalakshmi</i>	<i>S.Inbalakshmi</i>
10.	Mr. S.Kamalanathan	<i>S.Kamalanathan</i>	<i>S.Kamalanathan</i>
11.	Mr.N.Darwin	<i>N.Darwin</i>	<i>N.Darwin</i>
12.	Ms.A.Vijayashanthi	<i>A.Vijayashanthi</i>	<i>A.Vijayashanthi</i>
13.	Ms.V. Savitha	<i>V.Savitha</i>	<i>V.Savitha</i>
14.	Ms.C.Ada Christa	<i>C.Ada Christa</i>	<i>C.Ada Christa</i>
15.	Ms.S.Subbulekshmi	<i>S.Subbulekshmi</i>	<i>S.Subbulekshmi</i>
16.	Mr. J.ArunPrasath	<i>J.ArunPrasath</i>	<i>J.ArunPrasath</i>
17.	Ms.K.Janaki	<i>K.Janaki</i>	<i>K.Janaki</i>
18.	Mr. R.ThandaiahPrabhu	<i>R.ThandaiahPrabhu</i>	<i>R.ThandaiahPrabhu</i>
19.	Mr.E.U.Iniyan	<i>E.U.Iniyan</i>	<i>E.U.Iniyan</i>
20.	Mr.E.Dilliraj	<i>E.Dilliraj</i>	<i>E.Dilliraj</i>
21.	Mr.R.Ajin	<i>R.Ajin</i>	<i>R.Ajin</i>
22.	Ms.T.Kadhambari	<i>T.Kadhambari</i>	<i>T.Kadhambari</i>
23.	Mr.V. Yokesb	<i>V.Yokesb</i>	<i>V.Yokesb</i>
24.	Ms.J.Dolly Irene	<i>J.Dolly Irene</i>	<i>J.Dolly Irene</i>
25.	Mr.C.L.Vijaikumar	<i>C.L.Vijaikumar</i>	<i>C.L.Vijaikumar</i>
26.	Ms. P.Vadivu	<i>P.Vadivu</i>	<i>P.Vadivu</i>
27.	Mr.V.Rajesh	<i>V.Rajesh</i>	<i>V.Rajesh</i>
28.	Mr.Yuvaraj	<i>Yuvaraj</i>	<i>Yuvaraj</i>
29.	Mr. B.Vidhyapathi	<i>B.Vidhyapathi</i>	<i>B.Vidhyapathi</i>
30.	Mr. R. Rajesh	<i>R.Rajesh</i>	<i>R.Rajesh</i>
31.	Ms. Y.Kalpna	<i>Y.Kalpna</i>	<i>Y.Kalpna</i>
32.	Ms. S.Saranya	<i>S.Saranya</i>	<i>S.Saranya</i>

P. Kalpna

PRATHYUSHA ENGINEERING COLLEGE

Department of ECE

NI LabVIEW Academy

LabVIEW core training with applications

Date:19.08.2016 & 20.08.2016

Resource person: Ms.P.Malathi, Ms.P.Kalpanadevi , Ms.M.Priya

We would like to thank our Management and Principal of Prathyusha Engineering College in order to given a permission to attend the workshop on “**LabVIEW core training with applications**” dated **19.08.2016 & 20.08.2016**.

Discussed about the following Topics:

- ❖ Need of LabVIEW in Automation.
- ❖ Test stand Programming.
- ❖ Develop test sequences for testing your product.
- ❖ Customize the default process model to suit any application.
- ❖ Create the customized step types and writing code modules in LabVIEW .
- ❖ How to select the best architecture and test framework for your application.
- ❖ Data acquisition system - simple computer controlled process variable monitor or a standalone system deployed remotely monitoring critical systems.
- ❖ Building a DAQ system involves selection of right sensors, a measuring system and the right software to store and analyse the data.
- ❖ Installation of DAQ systems for data storage.
- ❖ Hardware in loop (HIL) systems Introduction
- ❖ Machine Vision system- applications like pattern matching, object counting, bar-code reading, optical character recognition (OCR) and measurement of object dimensions.
- ❖ Discussed about the industrial projects which they have completed.
- ❖ Finally, He discussed with the students about the requirements for LabVIEW engineers in Industries.
- ❖ The main criteria for LabVIEW engineers in the market is CLAD and CLD certification.

P. Kalpana

[Signature]

PRATHYUSHA ENGINEERING COLLEGE

DEPARTMENT OF ELECTRONICS AND COMMUNICATION

NI LabVIEW Academy

Feedback - LabVIEW core training with applications

Date:19.08.2016& 20.08.2016

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 - LabVIEW core training with applications

Date:19.08.2016& 20.08.2016

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 ECE

NI LabVIEW Academy

LabVIEW Applications for Communication Engineers

Date:07.11.2016& 08.11.2016

Attendance sheet

S.No	Participants name	07.11.2016	08.11.2016
1.	Ms.L.Vanitha	<i>[Signature]</i>	<i>[Signature]</i>
2.	Ms.G. Premalatha	<i>[Signature]</i>	<i>[Signature]</i>
3.	Ms.M. Priya	<i>[Signature]</i>	<i>[Signature]</i>
4.	Ms.P.Malathi	<i>[Signature]</i>	<i>[Signature]</i>
5.	Mr.L.Padmanaban	<i>[Signature]</i>	<i>[Signature]</i>
6.	Mr.T.Rubeshkumar	<i>[Signature]</i>	<i>[Signature]</i>
7.	Ms.Sreeja Vijay	<i>[Signature]</i>	<i>[Signature]</i>
8.	Ms.S.Vimala	<i>[Signature]</i>	<i>[Signature]</i>
9.	Ms.S. Inbalakshmi	<i>[Signature]</i>	<i>[Signature]</i>
10.	Mr. S.Kamalanathan	<i>[Signature]</i>	<i>[Signature]</i>
11.	Mr.N.Darwin	<i>[Signature]</i>	<i>[Signature]</i>
12.	Ms.A.Vijayashanthi	<i>[Signature]</i>	<i>[Signature]</i>
13.	Ms.V. Savitha	<i>[Signature]</i>	<i>[Signature]</i>
14.	Ms.C.Ada Christa	<i>[Signature]</i>	<i>[Signature]</i>
15.	Ms.S.Subbulekshmi	<i>[Signature]</i>	<i>[Signature]</i>
16.	Mr. J.ArunPrasath	<i>[Signature]</i>	<i>[Signature]</i>
17.	Ms.K.Janaki	<i>[Signature]</i>	<i>[Signature]</i>
18.	Mr. R.ThandaiahPrabhu	<i>[Signature]</i>	<i>[Signature]</i>
19.	Mr.E.U.Iniyan	<i>[Signature]</i>	<i>[Signature]</i>
20.	Mr.E.Dilliraj	<i>[Signature]</i>	<i>[Signature]</i>
21.	Mr.R.Ajin	<i>[Signature]</i>	<i>[Signature]</i>
22.	Ms.T.Kadhambari	<i>[Signature]</i>	<i>[Signature]</i>
23.	Mr.V. Yokesh	<i>[Signature]</i>	<i>[Signature]</i>
24.	Ms.J.Dolly Irene	<i>[Signature]</i>	<i>[Signature]</i>
25.	Mr.C.L.Vijaikumar	<i>[Signature]</i>	<i>[Signature]</i>
26.	Ms. P.Vadivu	<i>[Signature]</i>	<i>[Signature]</i>
27.	Mr.V.Rajesh	<i>[Signature]</i>	<i>[Signature]</i>
28.	Mr.Yuvaraj	<i>[Signature]</i>	<i>[Signature]</i>
29.	Mr. B.Vidhyapathi	<i>[Signature]</i>	<i>[Signature]</i>
30.	Mr. R. Rajesh	<i>[Signature]</i>	<i>[Signature]</i>
31.	Ms. Y.Kalpana	<i>[Signature]</i>	<i>[Signature]</i>
32.	Ms. S.Saranya	<i>[Signature]</i>	<i>[Signature]</i>

[Signature]
P. Kalpana

PRATHYUSHA ENGINEERING COLLEGE

Department of ECE

NI LabVIEW Academy

Report on LabVIEW Applications for Communication Engineers

Date: 07.11.2016 & 08.11.2016

Resource person: Ms.P.Malathi, Ms.P.Kalpanadevi , Ms.M.Priya

- Introduction to LabVIEW is presented for understanding the use of different controls, indicators and functions and structural programming.
- A hand on training is given to design, sampling and reconstruction, modulation & demodulation of analog & digital signals.
- Different filtering techniques were discussed with adaptive filtering algorithm.
- Noise generation and its interference characteristics eg. Gaussian noise, white noise and AWGN.
- Data acquisition and monitoring system, Motion control system and vision system in which the real time signal acquired through the web camera and undergo processing.
- Hardware implementation of analog signals with ELVIS II kit.
- Digital gates and digital signals interpretation in Virtual instrument launcher.
- Demonstration of real time signal acquisition with sensors and processed using LabVIEW.
- 13 external participants from various Engineering colleges (SVCE, BIT/Mangalore, KCG /Chennai, Vel Tech etc.) were attended the program. The participants experienced good knowledge and awareness in this domain.

We thank the Management, Principal and the Department for the support and encouragement given to organize this event in a grand success.

P. Kalpana

CPA



Workshop on "LabVIEW applications for Communication Engineers" on 07.11.2016 & 08.11.2016



Workshop on "LabVIEW applications for Communication Engineers" on 07.11.2016

P. Kabana



Workshop on "LabVIEW applications for Communication Engineers" on 08.11.2016

P. Kalpana

CB Sir

PRATHYUSHA ENGINEERING COLLEGE

DEPARTMENT OF ELECTRONICS AND COMMUNICATION

NI LabVIEW Academy

Feedback - LabVIEW Applications for Communication Engineers

Date: 07.11.2016 & 08.11.2016

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 - Fair

Rate 4 - Good

Rate 5 - Excellent


Signature

PRATHYUSHA ENGINEERING COLLEGE

DEPARTMENT OF ELECTRONICS AND COMMUNICATION

NI LabVIEW Academy

Feedback - LabVIEW Applications for Communication Engineers

Date: 07.11.2016 & 08.11.2016

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

ABOUT THE INSTITUTION

Prathyusha Engineering College, Chennai popularly known as PEC is the brain child of the well known industrialist and philanthropist Shri. P. Raja Rao, the founder and Chairman of the Governing Board of the College. PEC is a self-financed Telugu Minority Institution approved by AICTE, affiliated to Anna University, accredited by NBA and a recipient of ISO certification. The college offers 7 UG courses and 7 PG Courses. PEC has well furnished ICT Class rooms, state of the art laboratories and modern seminar hall in each department. The Central Computing Lab on par with IT Industry standards has very unique facilities. The Central Library is well equipped with modern facilities and resources in the form of NPTEL connectivity, CD-ROMs, On-line databases, books, e-journals etc. Our institution has signed MOUs with various organizations like NIWE (formerly CWET), Infosys, IBM, TVS Haritha Techserv, etc. The National Institute of Wind Energy (NIWE), run by Ministry of New and Renewable Energy (MNRE), India has established a Solar Radiation and Resource Assessment (SRRA) station in our institution premises, and a unique Advanced Measurement Station (AMS) which has calibration lab for the calibration of all the precision instruments being used in the SRRA stations.

ABOUT THE PROGRAMME

It is known that the entire world has to depend on the lighting. We can design, calculate and visualize light professionally for single rooms, whole floors, buildings and outdoor scenes. In order to establish the economic prerequisites for the installation and the maintenance conditions for the lighting installation, it has been planned to organize a one day workshop on "Hands on training in Illumination Software". The objectives of the workshop are

- Simple, effective and professional light planning
- Understand the latest luminaire data of the world's leading manufacturers.
- Investigate which light sources, luminaires and lighting systems best satisfy the demands, aim and conditions.
- Financial evaluation of different lightning system by calculating the life cycle costs based on the investment, operation and maintenance.
- Compare the selected lighting systems with regard to other installations
- Planning whole buildings including outdoors spaces

WORKSHOP TOPICS

- Introduction to Electrical Energy Utilization.
- Design and Implementation of lighting system.
- Concept of Illumination Software
- Hands on training on DIALux software.

RESOURCE PERSONS

- Experts from industry.

IMPORTANT DATES

- Last date for the receipt of applications: **14.11.2016**
- Intimation of selection : **16.11.2016**

BOARDING AND LODGING

- It will be provided in the college campus on request.

ELIGIBILITY

- Faculty, Research Scholars, UG and PG students from Engineering institutions

CONTACT DETAILS

The Coordinator,
Department of EEE,
Prathyusha Engineering College
Aranvoyaluppam,
Tiruvallur – 602025.
Ph: (0)9710068298 / (0) 8939692055
044- 37673767 Extn: 720
Email: jayasankar.eee@prathyusha.edu.in

PRATHYUSHA ENGINEERING COLLEGE

DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

One Day National Level workshop in
“Hands on training in Illumination Software”

23rd November 2016

REGISTRATION FORM

Name :
Qualification :
Designation :
Department :
Name of the
Institution :
Communication
Address :

Contact Number :
E-mail :
Payment Details :
DD /Transaction receipt No. :
Date :
Bank :

Date: Signature of the applicant

Dr./Mr. / Ms. / Mrs.
is sponsored to attend the One Day Seminar on
“Hands on training in Illumination Software”
on 23rd November 2016 at Prathyusha Engineering
College, Tiruvallur.

Date: Signature of the Head of the Institution

CHIEF PATRONS

Shri.P.Raja Rao, Chairman
Smt.P.Prathyusha, CEO
Shri.M.Vasu, Advisor

PATRONS

Dr.P.L.N.Ramesh, Principal

CO-ORDINATORS

Mr.S.Krishna Kumar, HOD – EEE
Dr. K.C.Jayasankar, Associate Professor
Ms.T.Jothi, Assistant professor

REGISTRATION

- Registration fee Rs.300/-
- The registration fee shall be paid through DD in favour of Prathyusha Engineering College EEE payable at Tiruvallur or by net banking to the following account:

Name : Prathyusha Engineering College EEE
Type : Current Account
Account No : 6237542883
Bank : Indian Bank
Branch : Tiruninravur
IFSC code : IDIB000T018

- The duly filled in registration form along with DD / copy of the net banking transaction receipt should reach the coordinator by post or mail on or before 14.11.2016.
- For further details, visit the college website www.prathyusha.edu.in

One Day workshop On “Hands on training in Illumination Software”

23rd November 2016

Organized by
DEPARTMENT OF ELECTRICAL
AND ELECTRONICS ENGINEERING



PRATHYUSHA ENGINEERING COLLEGE

(Accredited by NBA and Affiliated to Anna University)

ISO 9001:2008 Certified

ARANVOYALKUPPAM, POONAMALLEE-TIRUVALLUR ROAD,

TIRUVALLUR - 602025, TAMIL NADU.

Calculation

$$4 \times 5 = 20 \text{ sq.m}$$

Factor = 0.6

Factor = 1.2

50 sq.m

Factor =

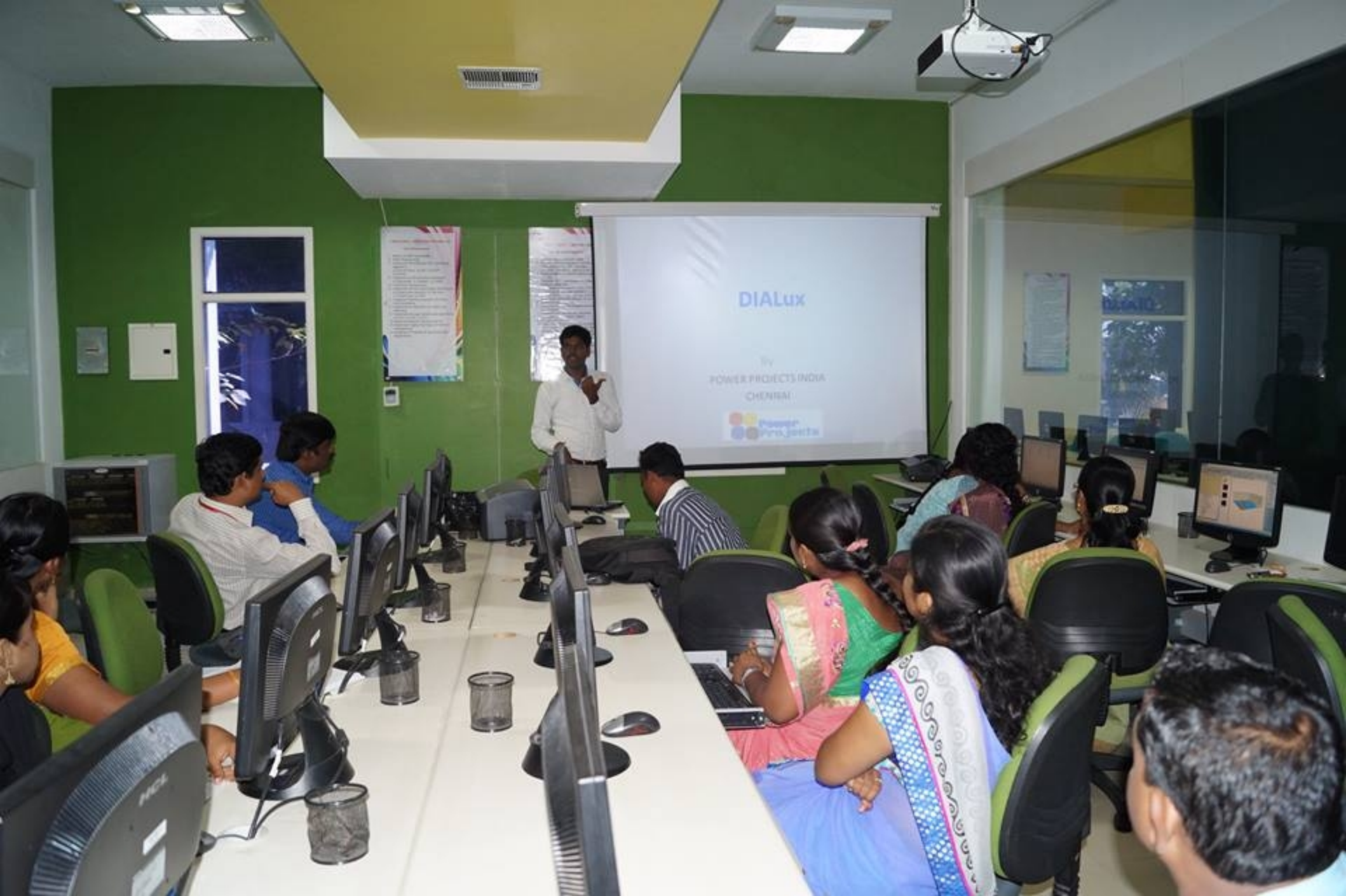
20 sq.m
20 x 100 = 1000
Required = Total



COURSE TITLE: COMPUTER GRAPHICS
LIST OF EXPERIMENTS

1. Implementation of various types of...
2. Develop a vector drawing to recognize a few patterns in C++...
3. Implementation of Level of Freedom...
4. Generate HCC representation for a few...
5. Program to recognize a text...
6. Generate the GDF code for a few...
7. Implement the various...
8. Implement the various...
9. Implement the various...
10. Implement the various...





DIALux

by
POWER PROJECTS INDIA
CHENNAI






PRATHYUSHA ENGINEERING COLLEGE

EXPLORING R TOOL FOR STATISTICAL DATA MINING

Date : 21/11/2016 & 22/11/2016

Coordinators : Mr.M.Arun Marx & Ms.J.Omana

<p>Sponsorship</p> <p>Mr./Ms./Dr. _____ is an employee of our institution and he / she is sponsored to attend the National level workshop on "Exploring R Tool for Statistical Data Mining" conducted at Prathyusha Engineering College on 10th & 11th November 2016.</p> <p>Date:</p> <p><i>Signature of Sponsoring Authority with office Seal</i></p> <p>Contact Address:</p> <p>Ms.J.Omana, Assistant Professor, Department of IT, Prathyusha Engineering College, Aranyvayalkuppam, Tiruvallur District, Tamil Nadu - 602 025. Phone: +91 44-37673745 : 9789024341 Email : omana.it@prathyusha.edu.in</p>	<p>Organizing Committee</p> <p>CHIEF PATRON: Shri. P.Raja Ras, Chairman Smt.P.Prathyusha, CEO Shri.M.Vasa, Advisor</p> <p>PATRON: Dr.P.L.N.Ramesh, Principal</p> <p>CONVENOR: Dr.P.Chitra, Professor & Head/IT</p> <p>CO-ORDINATORS: Mr.M.Arun Marx, Asst. Professor/IT Ms.J.Omana, Asst. Professor/IT</p> <p>Important Dates</p> <p>Last date of Registration : 16.11.2016 Last date of confirmation : 18.11.2016 Date of Workshop : 21.11.16 & 22.11.16 Registration amount : Rs. 500/-</p> <p>About Speaker</p> <p>Mr. L.Mohan, Sr. Assistant Professor, IT Dept, Prathyusha Engineering College is a Part time Research Scholar in the area of Data Analytics, at Anna University. He is a dynamic professional with over 8 years of experience in Learning & Teaching, in education sector. He is pursuing research in social Network Analysis using R Tool. He is a skilled and dynamic facilitator who ensures the reach in all participants through interactive sessions in all aspects. He has conducted technical training programmes for faculty and students on various occasions.</p>	<p>TWO DAYS NATIONAL WORKSHOP ON</p> <p></p> <p>"Exploring R Tool for Statistical Data Mining" 21st & 22nd November 2016</p> <p></p> <p>Convenor Dr. P. Chitra</p> <p>Coordinators Mr.M.Arun Marx Ms.J.Omana</p> <p>Organized by</p> <p>Department of Information Technology PRATHYUSHA ENGINEERING COLLEGE Ponnamalle-Thiruvallur High Road Chennai - 602 025</p> <p>Website: www.prathyusha.edu.in  www.facebook.com/prathyushaengineer</p>
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PRATHYUSHA ENGINEERING COLLEGE
DEPARTMENT OF INFORMATION TECHNOLOGY
WORKSHOP ON "EXPLORING R TOOL FOR STATISTICAL DATA MINING"
21ST & 22ND NOVEMBER 2016

A two days workshop was organized by Department of Information Technology from 21st to 22nd November 2016. The inauguration ceremony was headed by Dr.P.Chitra/HOD and Prof.S.Athinarayanan. The inaugural address was delivered by Dr.P.Chitra, Head of the Department where she elaborated the need of this workshop and its scope. She also welcomed the gathering and Mr.L.Mohan, Resource person delivered the overview of the workshop to the participants.

The first session was handled by Mr.L.Mohan/AP-II. He gave an overview of data analytics. He also listed the types of analytics and its area of usage with practical examples. Second session was presided by Mr. Arun Marx/AP. He helped to learn how to install R and its packages. He elaborated the basic computations in R and made the participants to work with these commands. Post lunch was hands on session taken by Mr.L.Mohan and he explained the essentials of R programming. Various concepts such as data types, objects, control structures and functions were taught and participants were able to execute. He also explained how to import .csv and .xls file and work with those files.

The second day of workshop started with hands on session of exploratory data analysis in R. This session was taken by Mr. L. Mohan and he explained how to plot various graphs and treat missing values. Participants were also able to work with continuous and categorical variables. Next session was taken by Ms.J.Omana, AP and she explained what the need of machine learning algorithms is. The session continued as hands on where algorithm was explained with an example and its implementation. The participants were able to implement the algorithms with their own example. Post lunch session was headed by Mr. Mohan and he helped the participants how to work with sentiment analysis. Also he enabled them to do a project on their own.

In valedictory session feedback from various participants were given. Dr.P.Chitra/HOD-IT, delivered valedictory address and thanked all the participants. The workshop was useful for participants to learn R tool and various machine learning algorithms. The same knowledge can be imparted to our student community which would be helpful for them to learn Data Mining and to meet their industry needs. We are thankful to the Management, Principal and our HODs for giving us permission to conduct this workshop.

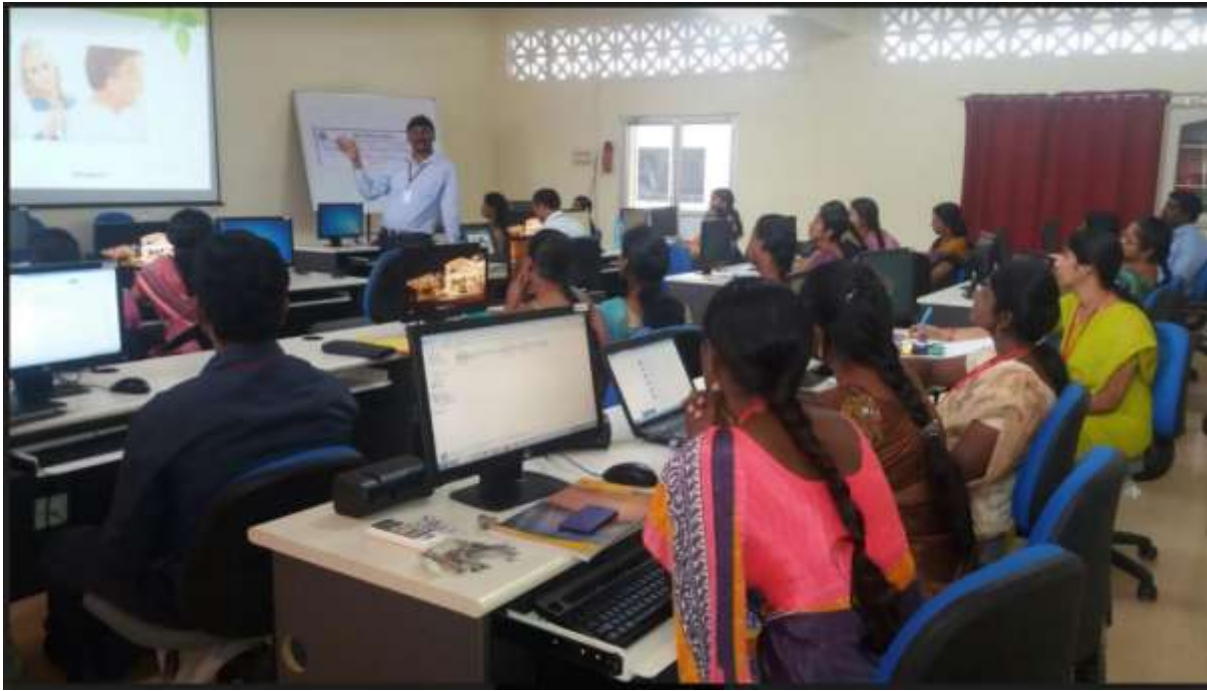
PRATHYUSHA ENGINEERING COLLEGE
DEPARTMENT OF INFORMATION TECHNOLOGY
Workshop on "EXPLORING R TOOL FOR DATA STATISTICAL MINING"

ATTENDANCE SHEET

DATE: 21-11-16 & 22-11-16

Name: NIGALAB

Sl. No.	NAME	COLLEGE	21-11-16	22-11-16	Att not Att not Part Att
1	K. Rifa	Autline Multinational School College of Engineering	Wife	Wife	
2	Dr. S. S. Suman	SRM College of Engineering	Same	Same	
3	P. S. S. S. S.	SRM Engineering Col	Same	Same	
4	Dr. H. S. S.	SRM Institute of Tech.	Same	Same	
5	C. Karthi	Prathyusha Engg College	CB	CB	
6	S. S. S.	Prathyusha Engg College	Sub	Sub	
7	P. S. S.	Prathyusha Engg College	P. S.	P. S.	
8	S. S. S.	Prathyusha Engg College	Blas	Blas	
9	H. S. S.	Prathyusha Engg College	B	B	
10	V. R. S.	Prathyusha Engg College	V. R. S.	V. R. S.	
11	Dr. P. S.	Prathyusha Engg College	Phul	Phul	
12	P. S. S.	Prathyusha Engg College	P. S.	P. S.	
13	Manika. S.	Prathyusha Engg College	S. S.	S. S.	
14	B. S. S.	Prathyusha Engg. College	B. S.	B. S.	
15	M. D. S.	Prathyusha Engg. College	S. S.	S. S.	
16	C. Karthi	Prathyusha Engg College	CB	CB	
17	Mohan Raj	Kumar - PEE	CB	CB	



Exploring R Tool for Statistical Data Mining





PRATHYUSHA ENGINEERING COLLEGE

Department of Information Technology

Certificate OF APPRECIATION



This is to Certify that Dr./Mr./Ms. J. OMANA., ASSISTANT PROFESSOR
of PRATHYUSHA ENGINEERING COLLEGE
has COORDINATED the workshop on "Exploring R Tool for Statistical Data Mining" held on 21st & 22nd
November 2016 at Prathyusha Engineering College, Thiruvallur.

[Signature]

H.O.D.

[Signature]

PROVINCIAL

National Level Workshop “Synthesis and Applications of Smart Materials” (18-19 November 2016)

BROUCHER

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 fill in the registration form enclosed and post it to the Convenor on or before **12th November 2016**.

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
Mob# 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

**National Level Workshop
on
“Synthesis and Applications of Smart
Materials”
(18-19 November 2016)**

**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.V. Balaji



PHOTOS

Two Days National Workshop on Application and synthesis of smart materials

18.11.16 & 19.11.16

SCHEDULE

DAY 1	19-07-2019	Morning Session	Inaguration
DAY 1	18.11.16	Afternoon Session	P.JAYARAMAN
DAY 1	18.11.16	Morning Session	V.JAYASEELAN
DAY 2	19.11.16	Afternoon Session	P.JAYARAMAN
DAY 2	19.11.16	Morning Session	V.JAYASEELAN

PHOTOS



REPORT

Report of National Level Workshop “ Synthesis and Applications of Smart Materials” (18-19 November 2016)

Prathyusha Engineering College, Department of Mechanical Engineering has organized a two days national level workshop on 18-19 November 2016. The main objective of the workshop is to impart knowledge and exposure. The Objective of the workshop is to bridge the researches from the academia and the industry under one roof to gain knowledge in diverse fields of research in the field of smart material technology. The workshop will provide platform to the researchers and academicians to discuss about their area of interest with the delegates present during the vacation.

The workshop is focused on the following areas **Bio Materials, Processing of Composite, Synthesis of Metal Matrix Composites, Application of Smart Materials.**

The workshop started with an inaugural session at 10:00am with welcome address by Professor and Coordinator of the workshop Dr.V.Jayaseelan. This national level workshop provides a platform for faculty and student to enrich their knowledge in smart material and provides vast scope for research in new and challenging areas in an automobile 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.

The application, advantages and disadvantages were discussed thoroughly in workshop session. The economical factors for research are discussed. How the smart materials are different from other materials are discussed in this workshop. The demonstration are made by Dr. P.Jayaraman and doubts are clarified by the students. He briefly explained about the research work ion the field of smartmaterials.

ATTENDANCE

PRATHYUSHA ENGINEERING COLLEGE Department of Mechanical Engineering Two days workshop on "Synthesis and Applications of Smart Materials" Participant Attendance Sheet				
S.NO	NAME	Name of college	18/11/20	19/11/20
1	S. Divakar	Sri Ram Engineering College	Present	Present
2	V. Jagadeesh	Sri Ram Engineering College	Present	Present
3	Vadivel KM	Tagore Engineering College	Present	Present
4	G. Ravichandran	Thangavelu Engineering College	Present	Present
5	P. Saravanan	Mallam Engineering College	Present	Present
6	P. Senthilkumar	Velammal Engineering College	Present	Present
7	Maridurai - T	Velammal Engineering College	Present	Present
8	M. Gananaivel	Velammal Engineering College	Present	Present
9	P. pirumal	Annai mira college of engineering and technology	Present	Present
10	Dr. A. Abdul Rahman	Sri Sairam Engineering college	Present	Present
11	T. Ganesh	Sri Sairam Engineering college	Present	Present
12	P. K. Shyamshankar	University college of Engineering	Present	Present
13	P. Mageswari	Adhi College of Engg.	Present	Present
14	Priyadarshni Dutt	Sri Sairam Engineering college	Present	Present
15	P. Rajan	Agni College of Technology	Present	Present
16	B. Sathya Shankar	Agni College of Technology	Present	Present
17	S. Ashfaq ahmed	Priyadarshni Engineering college	Present	Present
18	R. Karthik	Thangavelu Engineering College	Present	Present
19	v. Premkumar	Sri Krishna college of engineering	Present	Present
20	L. Rahul	Velammal Institute of Technology	Present	Present
21	S. Lakshmi kanth	Velammal Institute of Technology	Present	Present
22	S. Uma shankar	IMAC Engineering Pvt Ltd	Present	Present
23	V. Hariprasad	S. V. Engineers	Present	Present
24	chethian ramalingam	Velammal Engineering College	Present	Present
25	v. urikanth	Velammal Engineering College	Present	Present
26	Dr. S. V. Venkatesh	MAE COLLEGE OF TECHNOLOGY	Present	Present
27	Dr. R. Kapurkavayal	MAE COLLEGE OF TECHNOLOGY	Present	Present
28				
29				
30				

PRATHYUSHA ENGINEERING COLLEGE
 Department of Mechanical Engineering
Two days workshop on "Synthesis and Applications of Smart Materials"
 Participant Attendance Sheet

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23	V. Hariprasad	S.V Engineers	Present	Present
24	chezhian ramalingam	Velammal Engineering College	Present	Present
25	v. urikanth	Velammal Engineering College	Present	Present
26	Dr. S. V. Venkatesh	ANNE HALL OF TECHNOLOGY	Present	Present
27	Dr. R. K. Ravi Shankar	ANNE HALL OF TECHNOLOGY	Present	Present
28				
29				
30				

FEEDBACK

PRATHYUSHA
ENGINEERING COLLEGE

DEPARTMENT OF MECHANICAL ENGG.
FEEDBACK- TWO DAYS NATIONAL LEVEL WORKSHOP ON "SYNTHESIS AND
APPLICATIONS OF SMART MATERIALS"(18-19 NOV, 2016)

Date: 19.11.16

Name of the Resource persons: Dr.K.AnnaMalai /VIT& Dr.M.SreeKumar/IITDM

S. No	Criteria	Evaluation						
		Out standing	Excellence	Very Good	Good	Average	Poor	Very Poor
1	Programme Content				✓			
2	Methodology			✓				
3	Interaction				✓			
4	Interest			✓				
5	Over all presentation				✓			
6	Over all Rating				✓			

Signature of the Participant

B. Sathya Sankar

Name of the Participant

: B.SATHYA SANKAR

College

: ANNI COLLEGE OF TECHNOLOGY, THALAMBUR.

Faculty Incharge

:

Signature of HOD

PRATHYUSHA
ENGINEERING COLLEGE

DEPARTMENT OF MECHANICAL ENGG.
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3	Interaction	✓						
4	Interest		✓					
5	Over all presentation	✓						
6	Over all Rating		✓					

Signature of the Participant

:



Name of the Participant

:

M. Ananavel

College

:

Velammal Engg. College, ch-66.

Faculty Incharge

:

Signature of HOD

PRATHYUSHA
ENGINEERING COLLEGE

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5	Over all presentation		✓					
6	Over all Rating		✓					

Signature of the Participant

Name of the Participant

College

Faculty Incharge

: P. SENTHIL KUMAR
: P. SENTHIL KUMAR
A III / PROD
: Velammal Engg College

Signature of HOD

PRATHYUSHA
ENGINEERING COLLEGE

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Name of the Participant :

College :

Faculty Incharge :


M. Ananavel
Velammal Engg. College, ch-66.

Signature of HOD

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5	Over all presentation				✓			
6	Over all Rating				✓			

Signature of the Participant

B. Sathya Sankar

Name of the Participant

: B.SATHYA SANKAR

College

: ANNI COLLEGE OF TECHNOLOGY, THALAMBUR.

Faculty Incharge

:

Signature of HOD

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